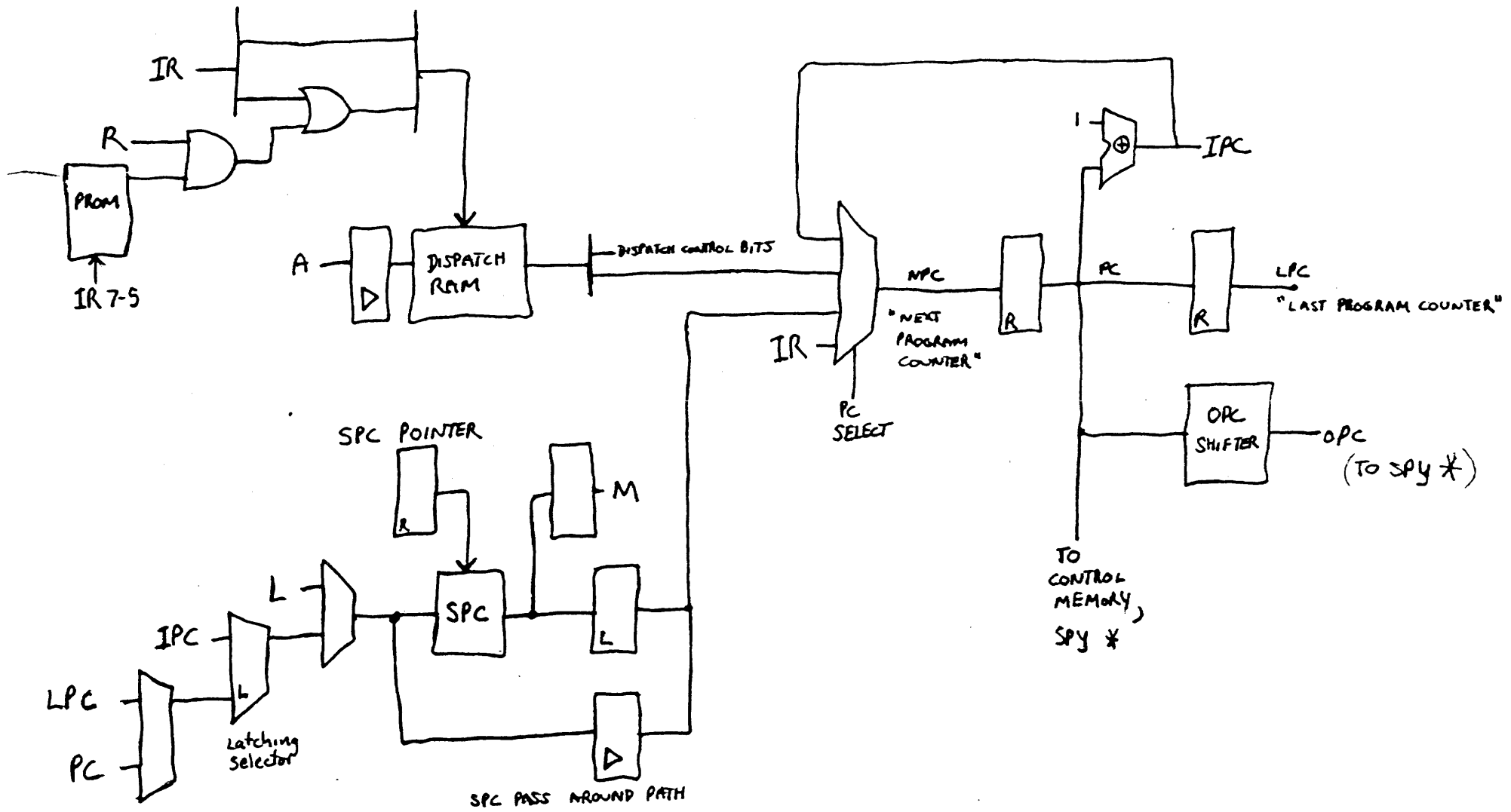
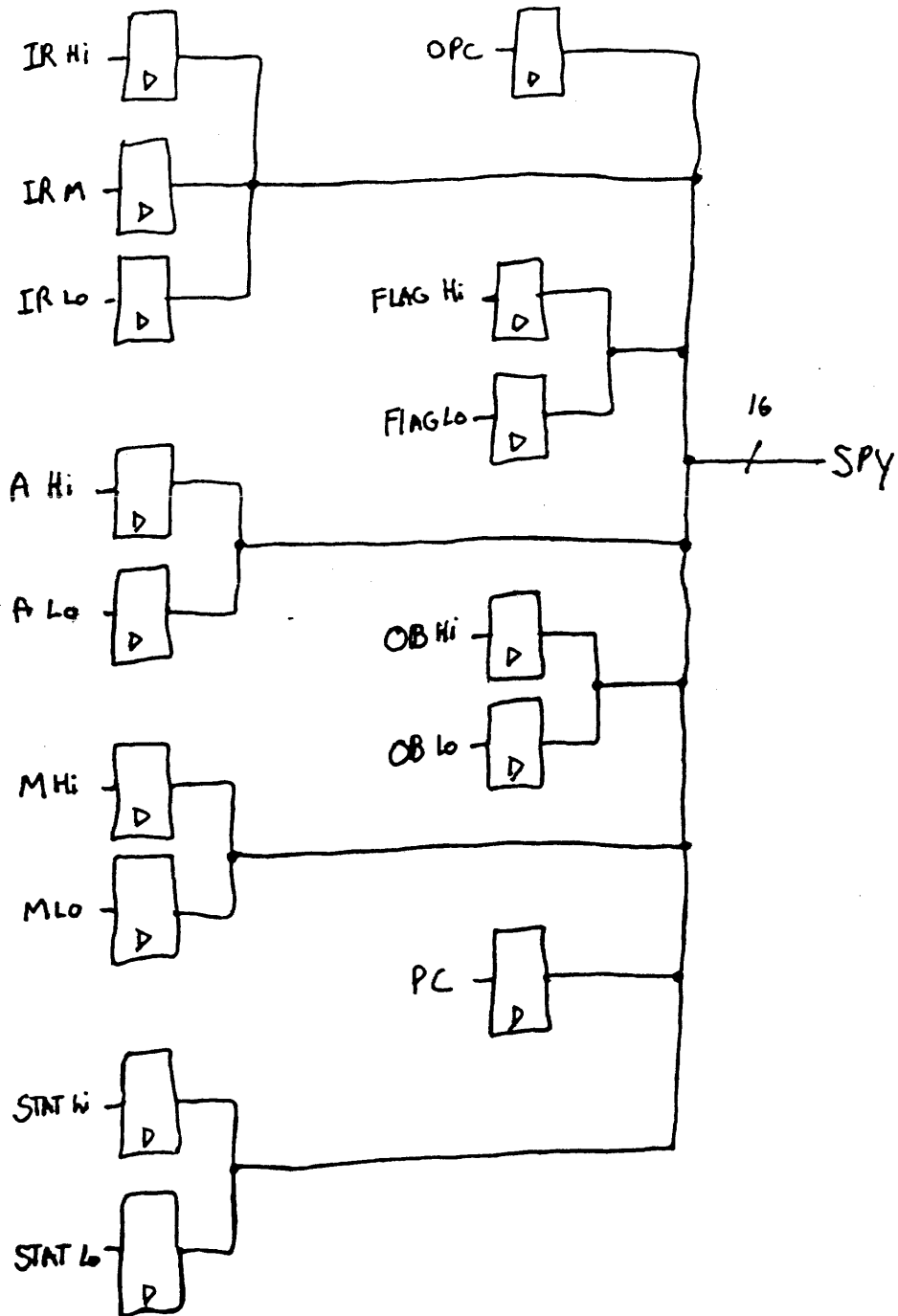
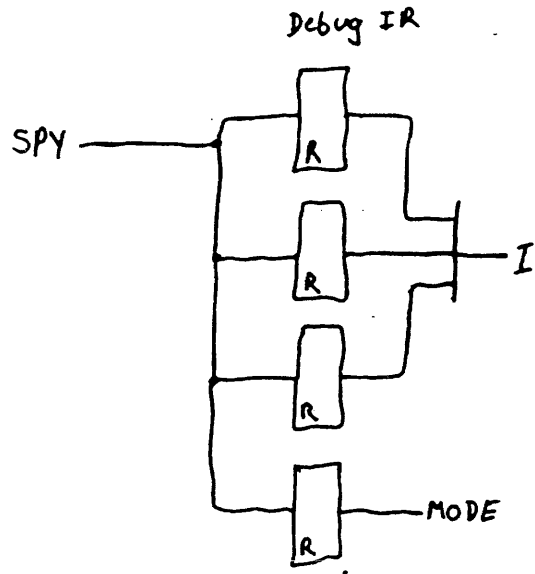


MICROPROGRAM COUNTER



DIAGNOSTIC DATA PATHS



FILE NAME [P, PN]	DATE	CADRWD; CADR4 STF	TIME	MODULE (DWG NUM)	REV	1912	AUTHOR
TITLE 1		PROJECT					NOMENCLATURE
TITLE 2		SHEET n OF m					BOARD TYPE
CARD LOC (VARIABLE SETTINGS)		NEXT HIGHER ASSEMBLY					
ACT1.DRW [CAD, R] CADR A CONTROL	03-FEB-78	0046					TK MPG216 MPG216
AIATCH.DRW [CAD, R] CADR A MEMORY LATCH	02-FEB-78	2225					TK MPG216 MPG216
AIU0.DRW [CAD, R] CADR AIU0	29-SEP-78	0050					TK MPG216 MPG216
AIU1.DRW [CAD, R] CADR AIU1	29-SEP-78	0050					TK MPG216 MPG216
AIUC4.DRW [CAD, R] CADR AIU CARRY AND FUNCTION	06-FEB-80	0240					TK MPG216 MPG216
AMEM0.DRW [CAD, R] CADR A MEMORY LEFT	31-JAN-78	2341					TK MPG216 MPG216
AMEM1.DRW [CAD, R] CADR A MEMORY RIGHT	31-JAN-78	2342					TK MPG216 MPG216
APAR.DRW [CAD, R] CADR A&M PARTIY	23-JAN-78	0440					TK MPG216 MPG216
BCPINS.DRW [CAD, R] CADR BUS INTERFACE CABLES	16-AUG-78	0002					TK MPG216 MPG216
BCTERM.DRW [CAD, R] CADR BUSINT CABLE TERMINATION	20-JUN-78	2130					MPG216 MPG216
CAPS.DRW [CAD, R] CADR BYPASS CAPACITORS	15-FEB-78	2236					TK MPG216 MPG216
CLOCKD.DRW [CAD, R] CADR CLOCK DISTRIBUTION	08-MAY-78	0204					TK MPG216 MPG216
CONTRL.DRW [CAD, R] CADR PC, SPC CONTROL	15-FEB-78	1223					TK MPG216 MPG216
CPINS.DRW [CAD, R] CADR CONNECTOR PINS	22-AUG-78	0623					TK MPG216 MPG216
DRAM0.DRW [CAD, R] CADR DISPATCH RAM	16-AUG-78	0007					TK MPG216 MPG216
DRAM1.DRW [CAD, R] CADR DISPATCH RAM	16-AUG-78	0009					TK MPG216 MPG216
DRAM2.DRW [CAD, R] CADR DISPATCH RAM	16-AUG-78	0010					TK MPG216 MPG216

CADR4
STF, UML, WLS,

WLR

part I

CADR PROCESSOR	CADRDW;CADR4 STF	29-FEB-80 1912	
FILENAM.FX1[P.PN]	DATE	TIME	
FILE 1	MODULE (DWG NUM)	REV	
FILE 2	PROJECT	AUTHOR	
CARD LOC(VARIABLE SETTINGS)	SHEET n OF m	NOMENCLATURE	
	NEXT HIGHER ASSEMBLY	BOARD TYPE	
DSPCH.DRW[CAD,R]	02-FEB-78	2233	TK
CADR			MPG216
DISPATCH CONTROL			MPG216
FLAG.DRW[CAD,R]	17-AUG-78	0957	TK
CONS			MPG216
FLAGS,CONDITIONALS			MPG216
IOR.DRW[CAD,R]	22-JAN-78	0619	TK
CADR			MPG216
INST. MODIFY OR			MPG216
IPAR.DRW[CAD,R]	22-JAN-78	0622	TK
CADR			MPG216
IR PARITY			MPG216
IREG.DRW[CAD,R]	24-JAN-78	0734	TK
CADR			MPG216
INSTRUCTION REGISTER			MPG216
IWR.DRW[CAD,R]	02-FEB-78	1402	TK
CADR			MPG216
INSTRUCTION WRITE REGISTER			MPG216
I.L.DRW[CAD,R]	24-JAN-78	0736	TK
CADR			MPG216
L REGISTER			MPG216
I.C.DRW[CAD,R]	08-MAY-78	0209	TK
CADR			MPG216
LOCATION COUNTER			MPG216
I.CC.DRW[CAD,R]	16-AUG-78	0015	TK
CADR			MPG216
IC CONTROL			MPG216
IPC.DRW[CAD,R]	02-FEB-78	2236	
CADR			MPG216
LAST PC			MPG216
MCII.DRW[CAD,R]	30-MAR-79	2248	TK
CADR			MPG216
M CONTROL			MPG216
MD.DRW[CAD,R]	16-AUG-78	0016	TK
CADR			MPG216
MEMORY DATA REGISTER			MPG216
MDS.DRW[CAD,R]	16-AUG-78	0019	TK
CADR			MPG216
MEMORY DATA SELECTOR			MPG216
MF.DRW[CAD,R]	02-FEB-78	2028	TK
CADR			MPG216
DRIVE MF ONTO M			MPG216
MLATCH.DRW[CAD,R]	23-JAN-78	0633	TK
CADR			MPG216
M MEMORY LATCH			MPG216
MMIM.DRW[CAD,R]	02-FEB-78	2239	TK
CADR			MPG216
M MEMORY			MPG216
MOD.DRW[CAD,R]	06-FEB-80	0424	TK
CADR			MPG216
MASKER/OUTPUT SELECT			MPG216

FILE NAME	EXTENSION	DATE	TIME	MODULE (DWG NUM)	REV	AUTHOR
TITLE 1	TITLE 2	CARD LOC (VARIABLE SETTINGS)	PROJFCI	SHEET n OF m	NOMENCLATURE	BOARD TYPE
			NEXT HIGHER ASSEMBLY			
MO1.DRW	[CAD,R]	06-FEB-80	0638			TK
	CADR				MPG216	
	MASK I R/OUTPUT SELECT				MPG216	
MSKG4.DRW	[CAD,R]	06-FEB-80	0246			TK
	CADR				MPG216	
	MASK GENERATION				MPG216	
NPC.DRW	[CAD,R]	14-FEB-78	2253			TK
	CADR				MPG216	
	NPC,IPC,PC				MPG216	
OPCD.DRW	[CAD,R]	02-FEB-78	2029			TK
	CADR				MPG216	
	OPC, DC, ZERO DRIVE				MPG216	
PDI0.DRW	[CAD,R]	02-FEB-78	1456			TK
	CADR				MPG216	
	PDI BUFFER LEFT				MPG216	
PDI1.DRW	[CAD,R]	02-FEB-78	1453			TK
	CADR				MPG216	
	PDI BUFFER RIGHT				MPG216	
PDI C II.DRW	[CAD,R]	15-FEB-78	0009			TK
	CADR				MPG216	
	PDI BUFFER CONTROL				MPG216	
PDI P I R.DRW	[CAD,R]	02-FEB-78	2126			TK
	CADR				MPG216	
	PDI INDEX AND POINTER				MPG216	
PLA I C H.DRW	[CAD,R]	23-JAN-78	0631			TK
	CADR				MPG216	
	PDI BUFFER LATCH				MPG216	
Q.DRW	[CAD,R]	14-FEB-78	2117			TK
	CADR				MPG216	
	Q REGISTER				MPG216	
Q C T I.DRW	[CAD,R]	16-AUG-78	0040			TK
	CADR				MPG216	
	Q REGISTER CONTROL				MPG216	
SHIF I 0.DRW	[CAD,R]	22-JAN-78	2346			TK
	CADR				MPG216	
	SHIFTER RIGHT				MPG216	
SHIF I 1.DRW	[CAD,R]	22-JAN-78	2348			TK
	CADR				MPG216	
	SHIFTER LEFT				MPG216	
SM C T I.DRW	[CAD,R]	08-MAY-78	0215			TK
	CONS				MPG216	
	SHIF I/MASK CONTROL				MPG216	
SOURCE.DRW	[CAD,R]	16-AUG-78	0044			TK
	CADR				MPG216	
	SOURCE, DFSI, OP DECODE				MPG216	
SPC.DRW	[CAD,R]	30-MAR-79	2251			TK
	CADR				MPG216	
	SPC MEMORY AND POINTER				MPG216	
SPC I C H.DRW	[CAD,R]	02-FEB-78	2244			TK
	CADR				MPG216	
	SPC MEMORY LATCH				MPG216	

CADR PROFESSOR	DATE	CADRWD:CADR4 STP	29-FEB-80 1912
FINNAM.FX[P,PN]	TIME	MODULE(DWG NUM)	REV AUTHOR
TITLE 1		PROJECT	NOMENCLATURE
TITLE 2		SHEET n OF m	BOARD TYPE
CARD LOC(VARIABLE SETTINGS)		NEXT HIGHER ASSEMBLY	

SPCPAR.DRW[CAD,R]	23-JAN-78	0033	TK
CADR			MPG216
SPC MEMORY PARITY			MPG216
SPCW.DRW[CAD,R]	23-JAN-78	0629	TK
CADR			MPG216
SPC WRITE DATA SEL			MPG216
SPY1.DRW[CAD,R]	24-JAN-78	0743	TK
CADR			MPG216
PDP11 EXAMINE (IR, OB)			MPG216
SPY2.DRW[CAD,R]	16-AUG-78	0046	TK
CADR			MPG216
PDP11 EXAMINE (A, M, FLAG2)			MPG216
TRAP.DRW[CAD,R]	08-MAY-78	0219	TK
CADR			MPG216
PARTY ERROR TRAP			MPG216
VCII1.DRW[CAD,R]	25-OCT-78	0508	TK
CADR			MPG216
VMEMORY CONTROL			MPG216
VCII2.DRW[CAD,R]	16-AUG-78	0138	TK
CADR			MPG216
VMA/MID CONTROL			MPG216
VMA.DRW[CAD,R]	02-FEB-78	2044	TK
CADR			MPG216
VMA REGISTER			MPG216
VMAS.DRW[CAD,R]	08-MAY-78	0224	TK
CADR			MPG216
VMA INPUT SELECTOR			MPG216
VMIM0.DRW[CAD,R]	22-AUG-78	0629	TK
CADR			MPG216
VIRTUAL MEMORY MAP STAGE 0			MPG216
VMIM1.DRW[CAD,R]	02-FEB-78	1813	TK
CADR			MPG216
VIRTUAL MEMORY MAP STAGE 1			MPG216
VMIM2.DRW[CAD,R]	16-AUG-78	0150	TK
CADR			MPG216
VIRTUAL MEMORY MAP STAGE 1			MPG216
VMIMDR.DRW[CAD,R]	16-AUG-78	0151	TK
CADR			MPG216
MAP OUTPUT DRIVE			MPG216

CADR PROFESSOR
PART NUMBER

DIPI TYPE

CADRWD;CADR4 STF
LOC BODY FILE

29-FEB-80 1912
POS

N/A

74S240

1A01 () 74S240 VMEMDR B1
1A02 () 74S240 MD D3
1A03 () 74S240 VMEMDR B5
1A04 () 74S240 MD D5
1A05 () 74S240 MD D8
1A06 () 74S240 VMA D3
1A07 () 74S240 VMEMDR B3
1A09 () 74S240 MD D6
1A10 () 74S240 VMA D8
1A11 () 74S240 MDS D3
1A12 () 74S240 VMA D5
1A13 () 74S240 VMFMDR B8
1A14 () 74S240 VMA D6
1A15 () 74S240 MDS D8
1A17 () 74S240 MDS D5
1A19 () 74S240 MDS D6
1B05 () 74S240 MDS D2
1C10 () 74S240 VMI2 D1
1D08 () 74S240 VMFM1 D1
1D13 () 74S240 VMI1 B1

74S00

1A08 () 74S00 VMEMDR D7
74S00 MD C2
1A18 () 74S00 MF D7
74S00 VMA C1
74S00 QCIL D4
74S00 IC C1
1D17 () 74S000 VCTL1 B5
74S00 VCTL1 B5
1F06 () 74S00 OPCD C2
74S00 OPCD D2
74S00 VCTL2 C2
74S00 VCTL2 C2
2C15 () 74S00 ALUC4 B7
74S00 ALUC4 B7
74S00 ALUC4 A7
74S00 ALUC4 A7
3B16 () 74S00 ACTL A8
74S00 ACTL A8
3D02 () 74S00 SOURCE C8
74S000 SOURCE D7
74S00 SOURCE D1
74S00 DSPCIL A5
3D28 () 74S00 CONTRL A6
74S00 CONTRL A6
74S00 CONTRL B8
74S000 CONTRL A7
3F07 () 74S00 ICC C1
74S00 CONTRL B3
74S00 ICC A1
74S00 FLAG A7
3F11 () 74S000 ICC A1
74S00 ICC A1
74S00 ICC A6
74S00 FLAG A7
3F23 () 74S000 CONTRL D8
74S000 CONTRL C7
74S000 CONTRL A4
74S00 CONTRL B1
4A17 () 74S00 APAR D7
74S00 APAR C7
4D08 () 74S00 MF D3
74S00 PDIPTR D2
74S000 PDICTL C7
74S00 PDLCTL D8

CAP

1A08001 () BYPASS CAPS C2
1B19001 () BYPASS CAPS C1
1C01001 () BYPASS CAPS C5
1D28001 () BYPASS CAPS C4
1F05001 () BYPASS CAPS C8
1F30001 () BYPASS CAPS C7
2A04001 () BYPASS CAPS A2
2B19001 () BYPASS CAPS A1
2C02001 () BYPASS CAPS A5
2D18001 () BYPASS CAPS A4
2F05001 () BYPASS CAPS A8
2F30001 () BYPASS CAPS A6
3A06001 () BYPASS CAPS B6
3B30001 () BYPASS CAPS B8
3D10001 () BYPASS CAPS B4
3D28001 () BYPASS CAPS B5
3F05001 () BYPASS CAPS B1
3F30001 () BYPASS CAPS B2
4A17001 () BYPASS CAPS D8
4B14001 () BYPASS CAPS D7
4C02001 () BYPASS CAPS D4
4D24001 () BYPASS CAPS D5
4E26001 () BYPASS CAPS D2
4F10001 () BYPASS CAPS D1

CADR PROFESSOR
PART NUMBER DIPTYPE

CADRWD:CADR4 STF
LOC BODY FILE

29-FEB-80 1912
POS

74S241

1A16() 74S241 IC D3
1A20() 74S241 IC D8
1A21() 74S241 MF C3
1A22() 74S241 IC D5
1A23() 74S241 MF C6
1A24() 74S241 IC D6
1A25() 74S241 MF C8
1B24() 74S241 MF C1
1F01() 74S241 OPCD B6
1F03() 74S241 OPCD B8
1F12() 74S241 QCTL C8
1F01() 74S241 OPCD D6
1F02() 74S241 OPCD D8
1F03() 74S241 OPCD B2
1F04() 74S241 OPCD B4
1F08() 74S241 QCTL C1
1F10() 74S241 QCTL C3
1F15() 74S241 QCTL C6
2F23() 74S241 DRAM1 D3
2F25() 74S241 DRAM0 D3
3A02() 74S241 ALATCH D6
3A04() 74S241 ALATCH D8
3B01() 74S241 ALATCH D1
3B03() 74S241 ALATCH D3
3B05() 74S241 ALATCH D5
3F11() 74S241 DSPCTL D4
3F12() 74S241 DSPCTL D6
3F13() 74S241 DSPCTL D8
4A06() 74S241 MLATCH D6
4A08() 74S241 MLATCH D8
4B07() 74S241 MLATCH D3
4B09() 74S241 MLATCH D5
4B10() 74S241 SPCICH D8
4C01() 74S241 PDI PTR C4
4D01() 74S241 LPC B6
4D02() 74S241 LPC B8
4D04() 74S241 PDI PTR C1
4D05() 74S241 PDI PTR C2
4F16() 74S241 SPCLCH D1
4F17() 74S241 SPCICH D2
4F18() 74S241 SPCICH D4

74S169

1A26() 74S169 IC B2
1B28() 74S169 IC B3
1C30() 74S169 IC B4
1D29() 74S169 IC B6
2B03() 74S169 IC B1
2C05() 74S169 IC B7
3C21() 74S169 PDI PTR C8
3D24() 74S169 PDI PTR C6
3D30() 74S169 PDI PTR C5
4F23() 74S169 SPC B6
4F28() 74S169 SPC B8

74S258

1A27() 74S258 VMAS B3
1A28() 74S258 MDS B3
1A29() 74S258 VMAS B1
1A30() 74S258 MDS B1
1B26() 74S258 VMAS B5
1B27() 74S258 MDS B5
1B29() 74S258 VMAS B4
1B30() 74S258 MDS B4
1C16() 74S258 VMAS D5
1C18() 74S258 VMAS D4
1C20() 74S258 VMAS D3
1C26() 74S258 MDS B6
1C28() 74S258 VMAS B8
1C29() 74S258 MDS B8
1D19() 74S258 VMAS D6
1D30() 74S258 VMAS B6
2B01() 74S258 VMAS B7
2B02() 74S258 MDS B7
2B04() 74S258 VMAS B2
2B05() 74S258 MDS B2
3A06() 74S258 ACTL D6
3A12() 74S258 ACTL D5
3A16() 74S258 ACTL D3
3A21() 74S258 ACTL D1
3B15() 74S258 ACTL D4
4A16() 74S258 MCIL D2
4A18() 74S258 MCIL D4
4B19() 74S258 MCIL D1
4C12() 74S258 PDI CTL B7
4C16() 74S258 PDI CTL B4
4C22() 74S258 PDI CTL B3
4D14() 74S258 PDI CTL B6
4D24() 74S258 PDI CTL B1

CADR PROFESSOR
PART NUMBER DIPIYPE

CADRWD:CADR4 STF
LOC BODY FILE

29-FEB-80 1912
POS

93425A

1B01()	93425A	VMEM2	B5
1B02()	93425A	VMEM2	B4
1B03()	93425A	VMEM2	B3
1B04()	93425A	VMEM2	B3
1B06()	93425A	VMEM2	D3
1B07()	93425A	VMEM2	D3
1B08()	93425A	VMEM2	B6
1B09()	93425A	VMEM2	B6
1B11()	93425A	VMEM2	D6
1B12()	93425A	VMEM2	D6
1B13()	93425A	VMEM2	D5
1B14()	93425A	VMEM2	D4
1C05()	93425A	VMEM2	B2
1C06()	93425A	VMEM0	D3
1C07()	93425A	VMEM0	B5
1C08()	93425A	VMEM0	B4
1C09()	93425A	VMEM0	B3
1C11()	93425A	VMEM0	D2
1C12()	93425A	VMEM0	D1
1C13()	93425A	VMEM0	B2
1C14()	93425A	VMEM0	B1
1D01()	93425A	VMEM1	B3
1D02()	93425A	VMEM1	D3
1D04()	93425A	VMEM0	D6
1D05()	93425A	VMEM0	B6
1D06()	93425A	VMEM1	D5
1D09()	93425A	VMEM0	D5
1D10()	93425A	VMEM0	D4
1D11()	93425A	VMEM1	D6
1F04()	93425A	VMEM1	B3
1F05()	93425A	VMEM1	D3
1F08()	93425A	VMEM1	B4
1F09()	93425A	VMEM1	D4
1F10()	93425A	VMEM1	B5
1F13()	93425A	VMEM1	B6
1F14()	93425A	VMEM1	D6
1F15()	93425A	VMEM1	B6
1F16()	93425A	DRAM2	D4
1F17()	93425A	DRAM2	E4
1F18()	93425A	DRAM2	D5
1F19()	93425A	DRAM2	B5
1F21()	93425A	DRAM2	D6
1F22()	93425A	DRAM2	B6
1F23()	93425A	DRAM2	D6
1F24()	93425A	DRAM2	B6
1F26()	93425A	DRAM2	D7
1F27()	93425A	DRAM2	B7
1F28()	93425A	DRAM2	D8
1F29()	93425A	DRAM2	B8
2F06()	93425A	DRAM1	D4
2F07()	93425A	DRAM1	B4
2F08()	93425A	DRAM1	D5
2F09()	93425A	DRAM1	B5
2F11()	93425A	DRAM1	D6
2F12()	93425A	DRAM1	B6
2F13()	93425A	DRAM1	D6
2F14()	93425A	DRAM1	B6
2F16()	93425A	DRAM1	D7
2F17()	93425A	DRAM1	B7
2F18()	93425A	DRAM1	D8
2F19()	93425A	DRAM1	B8
2F26()	93425A	DRAM0	D4
2F27()	93425A	DRAM0	B4
2F28()	93425A	DRAM0	D5
2F29()	93425A	DRAM0	B5
3A07()	93425A	AMEM0	D3
3A08()	93425A	AMEM0	D4
3A09()	93425A	AMEM0	D6
3A10()	93425A	AMEM0	D8
3A11()	93425A	AMEM0	D2
3A13()	93425A	AMEM0	D4
3A14()	93425A	AMEM0	D5
3A15()	93425A	AMEM0	D7
3A17()	93425A	AMEM1	D2
3A18()	93425A	AMEM1	D4
3A19()	93425A	AMEM1	D6
3A20()	93425A	AMEM1	D8
3A22()	93425A	AMEM1	D1
3A23()	93425A	AMEM1	D3
3A24()	93425A	AMEM1	D5
3A25()	93425A	AMEM1	D7
3B06()	93425A	AMEM0	B1
3B07()	93425A	AMEM0	B3
3B08()	93425A	AMEM0	B4
3B09()	93425A	AMEM0	B6
3B10()	93425A	AMEM0	B8
3B11()	93425A	AMEM0	B2
3B12()	93425A	AMEM0	B4
3B13()	93425A	AMEM0	B5
3B14()	93425A	AMEM0	B7
3B17()	93425A	AMEM1	B2
3B18()	93425A	AMEM1	B4
3B19()	93425A	AMEM1	B6

3B20()	93425A	AMEM1	B8
3B22()	93425A	AMEM1	B1
3B23()	93425A	AMEM1	B3
3B24()	93425A	AMEM1	B5
3B25()	93425A	AMEM1	B7
3F01()	93425A	DRAMO	D6
3F02()	93425A	DRAMO	B6
3F03()	93425A	DRAMO	D6
3F04()	93425A	DRAMO	B6
3F06()	93425A	DRAMO	D7
3F07()	93425A	DRAMO	B7
3F08()	93425A	DRAMO	D8
3F09()	93425A	DRAMO	B8
4C10()	93425A	PDI 0	B1
4C13()	93425A	PDI 0	B4
4C14()	93425A	PDI 0	B5
4C15()	93425A	PDI 0	B6
4C17()	93425A	PDI 0	D4
4C18()	93425A	PDI 0	D4
4C19()	93425A	PDI 0	D5
4C20()	93425A	PDI 0	D6
4C21()	93425A	PDI 1	B3
4C23()	93425A	PDI 1	B4
4C24()	93425A	PDI 1	B5
4C25()	93425A	PDI 1	B6
4C26()	93425A	PDI 1	D4
4C27()	93425A	PDI 1	D5
4C28()	93425A	PDI 1	D6
4C29()	93425A	PDI 1	D7
4C30()	93425A	PDI 1	D8
4D11()	93425A	PDLO	B2
4D12()	93425A	PDLO	B3
4D13()	93425A	PDLO	B4
4D16()	93425A	PDI 0	B7
4D17()	93425A	PDI 0	B8
4D18()	93425A	PDLO	D2
4D19()	93425A	PDLO	D3
4D21()	93425A	PDLO	D7
4D22()	93425A	PDLO	D8
4D23()	93425A	PDI 1	B1
4D25()	93425A	PDI 1	B2
4D26()	93425A	PDI 1	B7
4D27()	93425A	PDI 1	B8
4D28()	93425A	PDI 1	D1
4D29()	93425A	PDI 1	D2
4D30()	93425A	PDI 1	D3

CADR PROCESSOR
PART NUMBER

DIPTYPE

CADRWD:CADR4 STF
LOC BODY FILE

29-FEB-80 1912
POS

SIP220/330-8	1B15003()		SIP220/330-8	BCIFRM	B1	
	1B15020()		SIP220/330-8	BCIFRM	B2	
	1B20003()		SIP220/330-8	BCIFRM	B4	
	1B20020()		SIP220/330-8	BCIFRM	B5	
	1B25003()		SIP220/330-8	BCIFRM	B7	
	1B25020()		SIP220/330-8	BCIFRM	B8	
74S374	1B16()	74S374	MD		B3	
	1C17()	74S374	MD		B8	
	1C19()	74S374	MD		B5	
	1D20()	74S374	MD		B6	
	1F19()	74S374	MD		B2	
	1F12()	74S374	IWR		D1	
	1F14()	74S374	IWR		D2	
	3C26()	74S374	L		B7	
	3C27()	74S374	L		B5	
	3C28()	74S374	L		B3	
	3C29()	74S374	L		B1	
	4B01()	74S374	IWR		D6	
	4B06()	74S374	IWR		D8	
	4C04()	74S374	IWR		D4	
	4C05()	74S374	IWR		D5	
	4F04()	74S374	NPC		D1	
	4F05()	74S374	NPC		D2	
	93S48	1B17()	93S48	VMEM2		C8
		1C03()	93S48	VMEM1		C8
1C04()		93S48	VMEM1		D8	
1D03()		93S48	VMEM2		D8	
1F17()		93S48	VMEMDR		D1	
1F18()		93S48	VMEMDR		D3	
1F28()		93S48	TRAP		B1	
1F29()		93S48	TRAP		B4	
1F30()		93S48	TRAP		B7	
3A28()		93S48	APAR		B5	
3A29()		93S48	APAR		B3	
3A30()		93S48	APAR		B1	
3F02()		93S48	IPAR		C1	
3F04()		93S48	IPAR		C6	
3F21()		93S48	IPAR		C3	
3F22()		93S48	IPAR		C8	
3F24()		93S48	IPAR		C4	
4A12()		93S48	APAR		D3	
4A14()		93S48	APAR		D1	
4B15()		93S48	APAR		D5	
4C03()		93S48	L		D5	
4C08()		93S48	L		D6	
4C09()		93S48	L		D7	
4F16()	93S48	SPCPAR		C1		
4F17()	93S48	SPCPAR		C3		
4F21()	93S48	SPCPAR		C5		
4F26()	93S48	SPCPAR		C7		
74S37	1B18()	74S37	CI OCKD		A3	
		74S37	CI OCKD		B3	
		74S37	CI OCKD		B3	
	1D07()	74S37	VC1L2		A2	
		74S37	VC1L2		A2	
		74S37	VC1L2		B2	
		74S37	VC1L2		B2	
	2A16()	74S37	AI UC4		D8	
		74S37	AI UC4		D8	
		74S37	AI UC4		D8	
		74S37	AI UC4		D8	
	2A17()	74S37	AI UC4		C8	
		74S37	AI UC4		C8	
		74S37	AI UC4		C8	
	2B20()	74S37	AI UC4		D2	
	2C03()	74S37	CI OCKD		B3	
		74S37	CI OCKD		C3	
		74S37	CI OCKD		C3	
	2F03()	74S37	DRAM0		D1	
		74S37	DRAM1		D1	
		74S37	DRAM2		B3	
	3B30()	74S37	ACTL		B8	
		74S37	ACTL		C8	
		74S37	ACTL		C8	
	3C11()	74S37	CI OCKD		A8	
		74S37	CI OCKD		A8	
		74S37	CI OCKD		A8	
	3C13()	74S37	CI OCKD		B8	
		74S37	CI OCKD		B8	
		74S37	CI OCKD		B8	
	4B22()	74S37	MCIL		A6	
		74S37	MCIL		A6	
4C02()	74S37	CI OCKD		C8		
	74S37	CI OCKD		C8		
	74S37	CI OCKD		B8		
4C07()	74S37	CI OCKD		C8		
	74S37	CI OCKD		D8		
	74S37	CI OCKD		D8		
4D20()	74S37	PDLCIL		C7		

	74S37	PDLCTL	C7
	74S37	PDLCTL	C7
4E30()	74S37	CONTRL	A7
	74S37	CONTRL	A7
	74S37	CONTRL	A7

CADR PROFESSOR
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CADRWD:CADR4 SIF 29-FEB-80 1912
IOC BODY FILE POS

74S04	1B19()	74S04A	CLOCKD	B1
	1D18()	74S04	OPCD	C1
		74S04	OPCD	C1
		74S04	MD	D1
		74S04	VMEMO	C1
		74S04	MD	D1
	1D26()	74S04A	VCIL2	A7
	2A05()	74S04	MD	B1
		74S04	VMA	C1
		74S04	VMEMDR	D6
		74S04	QCTL	D4
		74S04	QCTL	D1
		74S04	IC	C1
	2C02()	74S04A	CLOCKD	C1
	2C11()	74S04A	ALUC4	B4
	2D26()	74S04A	MSKG4	D8
	2F02()	74S04A	DRAM2	D3
	2F04()	74S04A	DRAM1	C3
	2F21()	74S04A	DRAM0	C3
	3C12()	74S04A	CLOCKD	B6
	3D03()	74S04A	SOURCE	B7
	3F22()	74S04	CONTRI	D8
		74S04	FLAG	A4
		74S04	LCC	C1
		74S04	CONTRL	B1
	3F19()	74S04	TRAP	C7
		74S04	TRAP	D7
		74S04	TRAP	D7
		74S04	TRAP	D7
		74S04	VCIL2	D2
	3F20()	74S04A	CONTRI	A1
	4B12()	74S04	MCTL	A2
	4C06()	74S04A	CLOCKD	C6
	4D03()	74S04A	CLOCKD	D6
25S07	1B22()	25S07	VMA	B2
	1B23()	25S07	VMA	B1
	1C22()	25S07	VMA	B8
	1C24()	25S07	VMA	B5
	1C25()	25S07	VMA	B4
	1D25()	25S07	VMA	B6
	3C14()	25S07	DSPCTL	B6
	3C15()	25S07	DSPCTL	B8
	3C22()	25S07	PDIPIR	D6
	3D25()	25S07	PDIPIR	D8
	4F06()	25S07	LPC	B4
	4F07()	25S07	LPC	B3
	4F08()	25S07	LPC	B1
74S280	1C01()	74S280	VMEMO	C7
	1C02()	74S280	VMEMO	D7
	4F09()	74S280	DSPCTL	B1
	4F10()	74S280	DSPCTL	B3
74S02	1C15()	74S020	VCIL2	A2
		74S020	VCIL2	A2
		74S020	LCC	D5
	1D27()	74S02	VMEMO	A7
		74S020	VCIL1	A2
		74S020	VCIL2	C2
		74S020	VCIL2	D2
	2C10()	74S020	ALUC4	A8
		74S02	ALUC4	A7
		74S020	ALUC4	A4
		74S02	ALUC4	A4
	2D20()	74S02	SMCTL	B1
		74S020	SMCTL	D2
		74S020	SMCTL	D2
		74S02	SMCTL	D1
	2E14()	74S020	SMCTL	C2
		74S020	SMCTL	C2
		74S020	SMCTL	C4
		74S020	SMCTL	C4
	2F19()	74S020	SMCTL	A2
		74S020	SMCTL	B2
		74S020	SMCTL	B2
		74S020	SMCTL	C2
	2F30()	74S020	SMCTL	A2
		74S020	SMCTL	A2
		74S020	LCC	A7
		74S020	LCC	B6
	3F17()	74S020	FLAG	B4
		74S020	LCC	B1
		74S02	LCC	D2
		74S020	LCC	A2
	3F14()	74S02	MF	D3
		74S020	DSPCTL	B4
		74S02	DSPCTL	A5
	3F18()	74S020	TRAP	D3
		74S020	TRAP	D3
		74S02	TRAP	D4
		74S020	VCIL2	D2

CADR PROCESSOR
PART NUMBER DIPTYPE

CADRWD:CADR4 STF 29-FEB-80 1913
LOC BODY FILE POS

74S283	1C21()	74S283	LCC	D6
	2F10()	74S283	SMCTL	B7
	2F25()	74S283	SMCTL	D7
	3F26()	74S283	NPC	D4
	3F27()	74S283	NPC	D5
	3F28()	74S283	NPC	D7
	3F29()	74S283	NPC	D8
	74S175	1C23()	74S175	VC11.1
1F20()		74S175	VC11.1	B3
3D26()		74S175	CONTRL	D1
3F17()		74S175	LCC	C4
4C11()		74S175	PD1CTL	D4
25S09	1C27()	25S09	LCC	D8
	3B28()	25S09	ACTL	B2
	3B29()	25S09	ACTL	B1
	3C01()	25S09	IREG	D4
	3C02()	25S09	IREG	D5
	3C03()	25S09	IREG	D7
	3C04()	25S09	IRFG	D8
	3C17()	25S09	IRFG	D2
	3C19()	25S09	IREG	D3
	3D06()	25S09	IREG	B2
	3D07()	25S09	IRFG	B3
	3D16()	25S09	IREG	B4
	3D17()	25S09	IREG	B5
	3D18()	25S09	IREG	B7
	3D19()	25S09	IREG	B8
	3D20()	25S09	IRFG	D1
	4F11()	25S09	SPCW	D3
	4F12()	25S09	SPCW	D4
	4F13()	25S09	SPCW	D6
	4F14()	25S09	SPCW	D8
74S86	1D12()	74S86	TRAP	C2
		74S86	VMEM2	A8
		74S86	VFM2	A8
		74S86	VMEM1	A8
	2F05()	74S86	LCC	A6
		74S86	LCC	A8
		74S86	LCC	B8
	3F19()	74S86	SPCPAR	D2
	74S86	DSPCTL	A4	
74S373	1D14()	74S373	VMEMDR	D5
	1D15()	74S373	VMEMDR	D8
	3A01()	74S373	AIATCH	B5
	3A03()	74S373	AIATCH	B6
	3A05()	74S373	AIATCH	B8
	3B02()	74S373	AIATCH	B1
	3B04()	74S373	AIATCH	B3
	4A01()	74S373	MIATCH	B5
	4A02()	74S373	PIATCH	D6
	4A03()	74S373	MIATCH	B6
	4A04()	74S373	PIATCH	D8
	4A05()	74S373	MIATCH	B8
	4A07()	74S373	SPCI.CH	B5
	4A09()	74S373	SPCI.CH	B7
	4A10()	74S373	SPCI.CH	B8
	4B02()	74S373	MIATCH	B1
	4B03()	74S373	PIATCH	D3
	4B04()	74S373	MIATCH	B3
	4B05()	74S373	PIATCH	D5
	4B08()	74S373	PIATCH	D1
4F18()	74S373	SPCI.CH	B1	
4F19()	74S373	SPCI.CH	B2	
4F20()	74S373	SPCI.CH	B4	

CADR PROCESSOR
PART NUMBER DIPTYPE

CADRWD:CADR4 STF 29-FEB-80 1913
LOC BODY FILE POS

74S51	1D16()	74S51	MD	D2
		74S51	VCII.1	A7
1F20()		74S51	DRAM2	A3
		74S51	DRAM2	A2
1F25()		74S51	DRAM2	A2
		74S51	DRAM2	A3
1F30()		74S51	DRAM2	B2
		74S51	DRAM2	B3
2F10()		74S51	DRAM1	A3
		74S51	DRAM1	A2
2F15()		74S51	DRAM1	A2
		74S51	DRAM1	A3
2F20()		74S51	DRAM1	B2
		74S51	DRAM1	B3
2F30()		74S51	DRAM0	A3
		74S51	DRAM0	A2
3F05()		74S51	DRAM0	A2
		74S51	DRAM0	A3
3F10()		74S51	DRAM0	B2
		74S51	DRAM0	B3
4D07()		74S51	PDLCTI	C2
		74S51	PDLCTI	D2
74S74	1D21()	74S74	VCII.1	C2
		74S74	VCII.1	D2
1D250	1D22()	1D250	VCII.1	D6
1D50	1D23()	1D50	VCII.1	D5
74S08	1D28()	74S080	VCII.2	B2
		74S080	VCII.2	B2
		74S080	VCII.2	C2
		74S080	VCTI.1	C4
1F07()		74S08	LCC	A1
		74S08	OPCD	C2
		74S08	MD	C1
2A04()		74S08	OPCD	D2
		74S08	ALU1	D2
		74S08	MF	D7
		74S08	QCII	D4
		74S08	LC	D1
3D21()		74S08	SOURCE	D8
		74S080	CONTRL	C3
		74S08	CONTRL	A6
		74S08	CONTRL	B7
3F05()		74S08	LCC	B7
		74S080	SOURCE	B7
3F14()		74S08	FLAG	C5
		74S08	FLAG	C5
		74S08	FLAG	D5
		74S080	CONTRL	D8
3F24()		74S08	CONTRL	B1
		74S08	CONTRL	A3
		74S08	CONTRL	A3
		74S08	CONTRL	A3
4D06()		74S08	IPC	D1
		74S080	MF	D4
		74S080	PDLCTI	D7
		74S08	PDIPIR	D2
4D09()		74S08	LCC	C1
		74S08	LCC	D1
		74S080	CONTRL	B7
		74S08	FLAG	C2
74S11	1F16()	74S11	OPCD	D2
		74S110	VCII.1	A1
3F29()		74S11	CONTRL	B3
		74S11	CONTRL	B3
4B11()		74S11	MCTI	A4
		74S11	MCTI	B4
		74S11	ACTI	B8

9S42	1E25()	9S42-1	VCIL1	C1	
		9S42-1	VCIL1	D1	
74S32	1E26()	74S32	VMEM0	A8	
		74S32	VMEM0	A8	
	2D15()	74S320	ALUC4	B6	
		74S320	SMC11	C4	
	3C06()	74S32W	IOR	D4	
	3C07()	74S32W	IOR	D5	
	3C08()	74S32W	IOR	D6	
	3C09()	74S32W	IOR	D8	
	3C16()	74S32W	IOR	D1	
	3C18()	74S32W	IOR	D2	
	3D08()	74S32W	IOR	B1	
	3D09()	74S32W	IOR	B2	
	3D10()	74S32W	IOR	B4	
	3D13()	74S32W	IOR	B5	
	3D14()	74S32W	IOR	B6	
	3D15()	74S32W	IOR	B8	
	3E09()	74S32	LCC	B2	
		74S320	SOURCE	C7	
		74S320	SOURCE	C7	
		74S320	CONTRL	A3	
	3E18()	74S32	FLAG	B4	
		74S32	FLAG	C4	
		74S32	FLAG	B3	
		74S320	CONTRL	B1	
	4E03()	74S32	IPAR	D7	
		74S32	LCC	D1	
		74S32	LCC	D2	
		74S320	PDLC1L	D7	
	74S133	1F05()	74S133	CLOCKD	D3
	74LS244	1F11()	74LS244	SPY2	B4
		1F13()	74LS244	SPY2	B5
		2C17()	74LS244	SPY1	D7
		2C18()	74LS244	SPY1	D5
3A26()		74LS244	SPY2	B1	
3A27()		74LS244	SPY2	B2	
3C23()		74LS244	SPY1	D4	
3C24()		74LS244	SPY1	D2	
3E01()		74LS244	SPY1	B8	
3E03()		74LS244	SPY1	B7	
3E06()		74LS244	SPY1	B1	
3E16()		74LS244	SPY2	B8	
3E15()		74LS244	SPY2	B7	
3F21()		74LS244	SPY1	B2	
3F23()		74LS244	SPY1	B4	
3F25()		74LS244	SPY1	B5	
4A13()		74LS244	SPY2	D5	
4A15()		74LS244	SPY2	D6	
4B13()		74LS244	SPY2	D4	
4B17()		74LS244	SPY2	D2	
74S181	2A03()	74S181	ALU1	D1	
	2A08()	74S181	ALU1	D3	
	2A13()	74S181	ALU1	D6	
	2A23()	74S181	ALU0	D2	
	2A28()	74S181	ALU0	D5	
	2B08()	74S181	ALU1	D4	
	2B13()	74S181	ALU1	D8	
	2B23()	74S181	ALU0	D3	
2B28()	74S181	ALU0	D7		
74S151	2A09()	74S151	MO1	B1	
	2A10()	74S151	MO1	B2	
	2A14()	74S151	MO1	B3	
	2A15()	74S151	MO1	B4	
	2A24()	74S151	MO0	B1	
	2A25()	74S151	MO0	B2	
	2A29()	74S151	MO0	B3	
	2A30()	74S151	MO0	B4	
	2B09()	74S151	MO1	D1	
	2B10()	74S151	MO1	D2	
	2B14()	74S151	MO1	D3	
	2B15()	74S151	MO1	D4	
	2B24()	74S151	MO0	D1	
	2B25()	74S151	MO0	D2	
	2B29()	74S151	MO0	D3	
	2B30()	74S151	MO0	D4	
	2C09()	74S151	MO1	B5	
	2C14()	74S151	MO1	B8	
	2C19()	74S151	MO0	B5	
	2C24()	74S151	MO0	B6	
	2C29()	74S151	MO0	D5	
	2C30()	74S151	MO0	D6	
	2D04()	74S151	MO1	B6	
	2D09()	74S151	MO1	B7	
2D13()	74S151	MO1	D5		
2D14()	74S151	MO1	D6		
2D18()	74S151	MO1	D7		
2D19()	74S151	MO1	D8		

2023()	74S151	M00	B7
2024()	74S151	M00	B8
2028()	74S151	M00	D7
2029()	74S151	M00	D8
3F13()	74S151	FLAG	D7

CADR PROCESSOR PART NUMBER	DIP TYPE	CADRWD:CADR4 STF LOC BODY FILE	29-FEB-80 1913 POS		
74S182		2A18() 74S182 ALUC4	D1		
		2A19() 74S182 ALUC4	B2		
		2A20() 74S182 ALUC4	B1		
74S153		2B16() 74S153 ALUC4	D4		
		2B17() 74S153 ALUC4	D5		
		2B18() 74S153 ALUC4	D6		
		4F01() 74S153 NPC	C6		
		4F02() 74S153 NPC	C7		
		4F01() 74S153 NPC	C1		
		4F02() 74S153 NPC	C2		
		4F03() 74S153 NPC	C3		
		4F04() 74S153 NPC	C4		
		4F05() 74S153 NPC	C5		
		7428		2B19() 7428 QCII	D2
7428 QCTL	D2				
2D21() 7428 ALUC4	C2				
7428 ALUC4	D2				
7428 ALUC4	C2				
25S10		2C31() 25S10 SHIFT1	D1		
		2C06() 25S10 SHIFT1	B1		
		2C21() 25S10 SHIFT0	D1		
		2C26() 25S10 SHIFT0	B1		
		2D05() 25S10 SHIFT1	D2		
		2D10() 25S10 SHIFT1	B2		
		2D25() 25S10 SHIFT0	D2		
		2D30() 25S10 SHIFT0	B2		
		2F01() 25S10 SHIFT1	B6		
		2E02() 25S10 SHIFT1	D6		
		2F03() 25S10 SHIFT1	B8		
		2F04() 25S10 SHIFT1	D8		
		2F06() 25S10 SHIFT1	B4		
		2F07() 25S10 SHIFT1	D4		
		2F08() 25S10 SHIFT1	B5		
		2F09() 25S10 SHIFT1	D5		
		2F21() 25S10 SHIFT0	B6		
		2E22() 25S10 SHIFT0	D6		
		2F23() 25S10 SHIFT0	B8		
		2F24() 25S10 SHIFT0	D8		
		2F26() 25S10 SHIFT0	B4		
		2E27() 25S10 SHIFT0	D4		
		2F28() 25S10 SHIFT0	B5		
		2F29() 25S10 SHIFT0	D5		
		74S194		2C07() 74S194 Q	B3
				2C08() 74S194 Q	B1
				2C12() 74S194 Q	B8
				2C13() 74S194 Q	B6
				2C22() 74S194 Q	D3
2C23() 74S194 Q	D1				
2C27() 74S194 Q	D8				
2C28() 74S194 Q	D6				
74S20		2C20() 74S200 ALUC4	A8		
		74S200 ALUC4	B8		
		3E30() 74S200 OPCD	C2		
		74S20 TRAP	D3		
SIP330/470-8	2C25003()	SIP330/470-8	BCTERM D8		
5600		2D11() 5600 MSKG4	B4		
		2D12() 5600 MSKG4	D4		
		2D16() 5600 MSKG4	B2		
		2D17() 5600 MSKG4	D2		
		2F11() 5600 MSKG4	B3		
		2E12() 5600 MSKG4	D3		
		2E16() 5600 MSKG4	B1		
		2F17() 5600 MSKG4	D1		

CADR PROCESSOR PART NUMBER	DIPTYPE	CADRWD:CADR4 STF LOC BODY FILE	29-FEB-80 1913 POS
RES20		2E15() RES20 MSKG4	B5
		2F20() RES20 MSKG4	D5
		4A19() RES20 MCTL	D8
		4B20() RES20 MCTL	B8
		4E24() RES20 SPC	D7
74S64		4E29() RES20 SPC	D8
		2F01() 74S64 DRAM2	D1
		2F05() 74S64 DRAM1	D1
		2F24() 74S64 DRAM0	D1
		3E25() 74S64 CONTRL	D6
		3E26() 74S64 CONTRL	C6
		3E27() 74S64 CONTRL	D3
		3E28() 74S64 CONTRL	C4
		3F16() 74S64 VCTL1	D8
		3F30() 74S64 CONTRL	D4
5610		2F22() 5610 DSPCTL	D1
93S46		3B21() 93S46 ACTL	B5
		3B27() 93S46 ACTL	B6
		4B18() 93S46 MCTL	B1
74S174		3B26() 74S174 ACTL	B4
74S139		3D04() 74S139 VCTL2	C7
		74S139 SOURCE	D1
		3D05() 74S139 SOURCE	B1
74S138		74S139 SOURCE	C1
		3D11() 74S138 SOURCE	D3
		3D12() 74S138 SOURCE	D5
		3D22() 74S138 SOURCE	B3
25LS2519		3D23() 74S138 SOURCE	B5
		3F08() 25LS2519	FLAG D2
74S10		3F17() 74S10 VCTL1	D8
		4B14() 74S10 MCTL	A4
		74S10 MCTL	A4
		74S10 ACTL	B8
		4D10() 74S100 SOURCE	B7
82S21		74S100 PDLCIL	D1
		4A21() 82S21 MMEM	B8
		4A22() 82S21 MMEM	D3
		4A23() 82S21 MMEM	D4
		4A24() 82S21 MMEM	D6
		4A25() 82S21 MMEM	D8
		4A26() 82S21 MMEM	B7
		4A27() 82S21 MMEM	D2
		4A28() 82S21 MMEM	D4
		4A29() 82S21 MMEM	D5
		4A30() 82S21 MMEM	D7
		4B23() 82S21 MMEM	B3
		4B24() 82S21 MMEM	B4
		4B25() 82S21 MMEM	B6
		4B27() 82S21 MMEM	B1
		4B28() 82S21 MMEM	B2
		4B29() 82S21 MMEM	B4
		4B30() 82S21 MMEM	B5
		4E21() 82S21 SPC	B3
		4E22() 82S21 SPC	B4
		4E23() 82S21 SPC	B5
		4E26() 82S21 SPC	D3
		4E27() 82S21 SPC	D4
		4E28() 82S21 SPC	D5
		4E24() 82S21 SPC	B1
		4E25() 82S21 SPC	B2
		4E29() 82S21 SPC	D1
		4E30() 82S21 SPC	D2

CADR PROCESSOR
PART NUMBER DIPTYPE

CADRWD:CADR4 STF
LOC BODY FILE

29-FEB-80 1913
POS

74S157

4F06()	74S157	LPC	D2
4F07()	74S157	LPC	D4
4F08()	74S157	LPC	D6
4F09()	74S157	LPC	D8
4F11()	74S157	SPCW	C3
4F12()	74S157	SPCW	C4
4F13()	74S157	SPCW	C6
4F14()	74S157	SPCW	C8
4F15()	74S157	SPCW	C1

CADR PROCESSOR FITNAM.EXT[P.PN]	DATE	CADROWD;CADR4 UML TIME	MODULF(DWG NUM) PROJECT SHEET n OF m NEXT HIGHER ASSEMBLY	29-FEB-80 1913 REV NOMENCLATURE BOARD TYPE	AUTHOR
TITLE 1 TITLE 2 CARD IOC(VARIABLE SETTINGS)					
ACTL.DRW[CAD,R] CADR A CONTROL	03-FEB-78	0046		MPG216 MPG216	TK
ALATCH.DRW[CAD,R] CADR A MEMORY LATCH	02-FEB-78	2225		MPG216 MPG216	TK
ALU0.DRW[CAD,R] CADR ALU0	29-SEP-78	0050		MPG216 MPG216	TK
ALU1.DRW[CAD,R] CADR ALU1	29-SEP-78	0050		MPG216 MPG216	TK
ALUC4.DRW[CAD,R] CADR ALU CARRY AND FUNCTION	06-FEB-80	0240		MPG216 MPG216	TK
AMEM0.DRW[CAD,R] CADR A MEMORY LEFT	31-JAN-78	2341		MPG216 MPG216	TK
AMEM1.DRW[CAD,R] CADR A MEMORY RIGHT	31-JAN-78	2342		MPG216 MPG216	TK
APAR.DRW[CAD,R] CADR A&M PARITY	23-JAN-78	0440		MPG216 MPG216	TK
BCPINS.DRW[CAD,R] CADR BUS INTERFACE CABLES	16-AUG-78	0002		MPG216 MPG216	TK
BCTERM.DRW[CAD,R] CADR BUS INI CABLE TERMINATION	20-JUN-78	2130		MPG216 MPG216	
CAPS.DRW[CAD,R] CADR BYPASS CAPACITORS	15-FEB-78	2236		MPG216 MPG216	TK
CLOCKD.DRW[CAD,R] CADR CLOCK DISTRIBUTION	08-MAY-78	0204		MPG216 MPG216	TK
CONTRI.DRW[CAD,R] CADR PC, SPC CONTROL	15-FEB-78	1223		MPG216 MPG216	TK
CPINS.DRW[CAD,R] CADR CONNECTOR PINS	22-AUG-78	0623		MPG216 MPG216	TK
DRAM0.DRW[CAD,R] CADR DISPATCH RAM	16-AUG-78	0007		MPG216 MPG216	TK
DRAM1.DRW[CAD,R] CADR DISPATCH RAM	16-AUG-78	0009		MPG216 MPG216	TK
DRAM2.DRW[CAD,R] CADR DISPATCH RAM	16-AUG-78	0010		MPG216 MPG216	TK

CADR PROFESSOR		CADRWD;CADR4 UMI	29-FEB-80 1913		
FILENAM.FXT[P,PW]	DATE	TIME	MODUL F(DWG NUM)	REV	
TITLE 1			PROJECT	NOMENCLATURE	
TITLE 2			SHEET n OF m	BOARD TYPE	
CARD LOC(VARIABLE SETTINGS)			NEXT HIGHER ASSEMBLY		
DSPCTL.DRW[CAD,R]	02-FEB-78	2233			TK
CADR					MPG216
DISPATCH CONTROL					MPG216
FLAG.DRW[CAD,R]	17-AUG-78	0957			TK
CONS					MPG216
FLAGS.CONDITIONALS					MPG216
IOR.DRW[CAD,R]	22-JAN-78	0619			TK
CADR					MPG216
INST. MODIFY OR					MPG216
IPAR.DRW[CAD,R]	22-JAN-78	0622			TK
CADR					MPG216
IR PARITY					MPG216
IREG.DRW[CAD,R]	24-JAN-78	0734			TK
CADR					MPG216
INSTRUCTION REGISTER					MPG216
IWR.DRW[CAD,R]	02-FEB-78	1402			TK
CADR					MPG216
INSTRUCTION WRITE REGISTER					MPG216
I.DRW[CAD,R]	24-JAN-78	0736			TK
CADR					MPG216
I REGISTER					MPG216
I.C.DRW[CAD,R]	08-MAY-78	0209			TK
CADR					MPG216
LOCATION COUNTER					MPG216
I.CC.DRW[CAD,R]	16-AUG-78	0015			TK
CADR					MPG216
IC CONTROL					MPG216
I.PC.DRW[CAD,R]	02-FEB-78	2236			
CADR					MPG216
IAST PC					MPG216
MCIL.DRW[CAD,R]	30-MAR-79	2248			TK
CADR					MPG216
M CONTROL					MPG216
MD.DRW[CAD,R]	16-AUG-78	0016			TK
CADR					MPG216
MEMORY DATA REGISTER					MPG216
MDS.DRW[CAD,R]	16-AUG-78	0019			TK
CADR					MPG216
MEMORY DATA SELECTOR					MPG216
MF.DRW[CAD,R]	02-FEB-78	2028			TK
CADR					MPG216
DRIVE MF ONTO M					MPG216
MATCH.DRW[CAD,R]	23-JAN-78	0633			TK
CADR					MPG216
M MEMORY LATCH					MPG216
MMEM.DRW[CAD,R]	02-FEB-78	2239			TK
CADR					MPG216
M MEMORY					MPG216
MOD.DRW[CAD,R]	06-FEB-80	0424			TK
CADR					MPG216
MASKER/OUTPUT SELECT					MPG216

CADR PROCESSOR FITNAM.FX1[P,PN]	DATE	CADRWD;CADR4 UMI TIME	MODULE(DWG NUM) PROJECT	29-FEB-80 1913 REV	AUTHOR
TITLE 1	TITLE 2	CARD IOC(VARIABLE SETTINGS)	SHEET n OF m NEXT HIGHER ASSEMBLY	NOMENCLATURE	BOARD TYPE
MO1.DRW[CAD,R]	06-FEB-80	0638			TK
CADR				MPG216	
MASKER/OUTPUT SELECT				MPG216	
MSKG4.DRW[CAD,R]	06-FEB-80	0246			TK
CADR				MPG216	
MASK GENERATION				MPG216	
NPC.DRW[CAD,R]	14-FEB-78	2253			TK
CADR				MPG216	
NPC,IPC,PC				MPG216	
OPCD.DRW[CAD,R]	02-FEB-78	2029			TK
CADR				MPG216	
OPC, DC, ZERO DRIVE				MPG216	
PDI0.DRW[CAD,R]	02-FEB-78	1456			TK
CADR				MPG216	
PDL BUFFER LEFT				MPG216	
PDI1.DRW[CAD,R]	02-FEB-78	1453			TK
CADR				MPG216	
PDL BUFFER RIGHT				MPG216	
PDICTL.DRW[CAD,R]	15-FEB-78	0009			TK
CADR				MPG216	
PDL BUFFER CONTROL				MPG216	
PDIPIR.DRW[CAD,R]	02-FEB-78	2126			TK
CADR				MPG216	
PDL INDEX AND POINTER				MPG216	
PLATCH.DRW[CAD,R]	23-JAN-78	0631			TK
CADR				MPG216	
PDL BUFFER LATCH				MPG216	
Q.DRW[CAD,R]	14-FEB-78	2117			TK
CADR				MPG216	
Q REGISTER				MPG216	
QC11.DRW[CAD,R]	16-AUG-78	0040			TK
CADR				MPG216	
Q REGISTER CONTROL				MPG216	
SHIFT0.DRW[CAD,R]	22-JAN-78	2346			TK
CADR				MPG216	
SHIFTER RIGHT				MPG216	
SHIFT1.DRW[CAD,R]	22-JAN-78	2348			TK
CADR				MPG216	
SHIFTER LEFT				MPG216	
SMC11.DRW[CAD,R]	08-MAY-78	0215			TK
CONS				MPG216	
SHIFT/MASK CONTROL				MPG216	
SOURCE.DRW[CAD,R]	16-AUG-78	0044			TK
CADR				MPG216	
SOURCE, DEST, OP DECODE				MPG216	
SPC.DRW[CAD,R]	30-MAR-79	2251			TK
CADR				MPG216	
SPC MEMORY AND POINTER				MPG216	
SPC1CH.DRW[CAD,R]	02-FEB-78	2244			TK
CADR				MPG216	
SPC MEMORY LATCH				MPG216	

CADR PROFESSOR CADRWD:CADR4 UMI 29-FEB-80 1913
 FITNAM.FXI[P,PN] DATE TIME MODULE(DWG NUM) REV AUTHOR
 TITLE 1 PROJECT NOMENCLATURE
 TITLE 2 SHEET n OF m BOARD TYPE
 CARD LOC(VARIABLE SETTINGS) NEXT HIGHER ASSEMBLY

SPCPAR.DRW[CAD,R]	23-JAN-78	0033		TK
CADR			MPG216	
SPC MEMORY PARITY			MPG216	
SPCW.DRW[CAD,R]	23-JAN-78	0629		TK
CADR			MPG216	
SPC WRITE DATA SEL			MPG216	
SPY1.DRW[CAD,R]	24-JAN-78	0743		TK
CADR			MPG216	
PDP11 EXAMINE (IR, OB)			MPG216	
SPY2.DRW[CAD,R]	16-AUG-78	0046		TK
CADR			MPG216	
PDP11 EXAMINE (A, M, FLAG2)			MPG216	
TRAP.DRW[CAD,R]	08-MAY-78	0219		TK
CADR			MPG216	
PARITY ERROR TRAP			MPG216	
VCTI1.DRW[CAD,R]	25-OCT-78	0508		TK
CADR			MPG216	
VMEMORY CONTROL			MPG216	
VCTI2.DRW[CAD,R]	16-AUG-78	0138		TK
CADR			MPG216	
VMA/MD CONTROL			MPG216	
VMA.DRW[CAD,R]	02-FEB-78	2044		TK
CADR			MPG216	
VMA REGISTER			MPG216	
VMAS.DRW[CAD,R]	08-MAY-78	0224		TK
CADR			MPG216	
VMA INPUT SELECTOR			MPG216	
VMEM0.DRW[CAD,R]	22-AUG-78	0629		TK
CADR			MPG216	
VIRTUAL MEMORY MAP STAGE 0			MPG216	
VMEM1.DRW[CAD,R]	02-FEB-78	1813		TK
CADR			MPG216	
VIRTUAL MEMORY MAP STAGE 1			MPG216	
VMEM2.DRW[CAD,R]	16-AUG-78	0150		TK
CADR			MPG216	
VIRTUAL MEMORY MAP STAGE 1			MPG216	
VMEMDR.DRW[CAD,R]	16-AUG-78	0151		TK
CADR			MPG216	
MAP OUTPUT DRIVE			MPG216	

93425A DRAM2 1F26 x	93425A DRAM2 1F21 x	93425A DRAM2 1F16 x	74LS244 SPY2 1F11 x	----- 1F06	74S241 OPCD 1F01 x
93425A DRAM2 1F27 x	93425A DRAM2 1F22 x	93425A DRAM2 1F17 x	74S374 IWR 1F12 x	----- 1F07	74S241 OPCD 1F02 x
93425A DRAM2 1F28 x	93425A DRAM2 1F23 x	93425A DRAM2 1F18 x	74LS244 SPY2 1F13 x	74S241 QC11 1F08 x	74S241 OPCD 1F03 x
93425A DRAM2 1F29 x	93425A DRAM2 1F24 x	93425A DRAM2 1F19 x	74S374 IWR 1F14 x	----- 1F09	74S241 OPCD 1F04 x
74S51 DRAM2 1F30 xx	74S51 DRAM2 1F25 xx	74S51 DRAM2 1F20 xx	74S241 QC11 1F15 x	74S241 QC11 1F10 x	74S133 CLOCKD 1F05 x
74S32 VME M0 1E26 xxx00	----- 1E21	74S11 OPCD 1E16 xx0	----- 1E11	74S00 OPCD 1E06 xxxx	74S241 OPCD 1E01 x
----- 1E27	----- 1E22	93S48 VME MDR 1E17 x	74S241 QC11 1E12 x	74S08 ICC 1E07 xxxx	----- 1E02
93S48 TRAP 1F28 x	----- 1E23	93S48 VME MDR 1E18 x	93425A VME M1 1E13 x	93425A VME M1 1E08 x	74S241 OPCD 1F03 x
93S48 TRAP 1F29 x	----- 1E24	74S374 MD 1F19 x	93425A VME M1 1E14 x	93425A VME M1 1E09 x	93425A VME M1 1F04 x
93S48 TRAP 1F30 x	9S42 VC111 1F25 xx	74S175 VC111 1E20 x	93425A VME M1 1F15 x	93425A VME M1 1F10 x	93425A VME M1 1E05 x

74S04 VC112 xxxxxx 1D26	74S74 VC111 xx 1D21	74S51 MD xx 1D16	93425A VMFM1 x 1D11	93425A VMFM1 x 1D06	93425A VMFM1 x 1D01
74S02 VMFM0 xxxx 1D27	1D250 VC111 x 1D22	74S00 VC111 xxoo 1D17	74S86 IRAP xxxx 1D12	74S37 VC112 xxxx 1D07	93425A VMFM1 x 1D02
74S08 VC112 xxxx 1D28	1D50 VC111 x 1D23	74S04 OPCD xxxxxo 1D18	74S240 VMFM1 x 1D13	74S240 VMFM1 x 1D08	93S48 VMFM2 x 1D03
74S169 IC x 1D29	----- ----- ----- 1D24	74S258 VMAS x 1D19	74S373 VMFMDR x 1D14	93425A VMFM0 x 1D09	93425A VMFM0 x 1D04
74S258 VMAS x 1D30	25S07 VMA x 1D25	74S374 MD x 1D20	74S373 VMFMDR x 1D15	93425A VMFM0 x 1D10	93425A VMFM0 x 1D05
74S258 MDS x 1C26	74S283 ICC x 1C21	74S258 VMAS x 1C16	93425A VMFM0 x 1C11	93425A VMFM0 x 1C06	74S280 VMFM0 x 1C01
25S09 ICC x 1C27	25S07 VMA x 1C22	74S374 MD x 1C17	93425A VMFM0 x 1C12	93425A VMFM0 x 1C07	74S280 VMFM0 x 1C02
74S258 VMAS x 1C28	74S175 VC111 x 1C23	74S258 VMAS x 1C18	93425A VMFM0 x 1C13	93425A VMFM0 x 1C08	93S48 VMFM1 x 1C03
74S258 MDS x 1C29	25S07 VMA x 1C24	74S374 MD x 1C19	93425A VMFM0 x 1C14	93425A VMFM0 x 1C09	93S48 VMFM1 x 1C04
74S169 IC x 1C30	25S07 VMA x 1C25	74S258 VMAS x 1C20	74S02 VC112 xxxxo 1C15	74S240 VMFM2 x 1C10	93425A VMFM2 x 1C05

74S258 VMAS 1B26	x	----- 	74S374 MD 1B16	x	93425A VMEM2 1B11	x	93425A VMEM2 1B06	x	93425A VMEM2 1B01	x	
74S258 MDS 1B27	x	25S07 VMA 1B22	x	93S48 VMEM2 1B17	x	93425A VMEM2 1B12	x	93425A VMEM2 1B07	x	93425A VMEM2 1B02	x
74S169 IC 1B28	x	25S07 VMA 1B23	x	74S37 CLOCKD 1B18	xxx0	93425A VMEM2 1B13	x	93425A VMEM2 1B08	x	93425A VMEM2 1B03	x
74S258 VMAS 1B29	x	74S241 MF 1B24	x	74S04 CLOCKD 1B19	xxxxxx	93425A VMEM2 1B14	x	93425A VMEM2 1B09	x	93425A VMEM2 1B04	x
74S258 MDS 1B30	x	SIP220/3 BCIFRM 1B25	x	SIP220/3 BCIFRM 1B20	x	SIP220/3 BCIFRM 1B15	x	----- 	74S240 MDS 1B10	x	-----
74S169 IC 1A26	x	74S241 MF 1A21	x	74S241 LC 1A16	x	74S240 MDS 1A11	x	74S240 VMA 1A06	x	74S240 VMEMDR 1A01	x
74S258 VMAS 1A27	x	74S241 IC 1A22	x	74S240 MDS 1A17	x	74S240 VMA 1A12	x	74S240 VMEMDR 1A07	x	74S240 MD 1A02	x
74S258 MDS 1A28	x	74S241 MF 1A23	x	74S00 MF 1A18	xxxx	74S240 VMEMDR 1A13	x	74S00 VMEMDR 1A08	xxx0	74S240 VMEMDR 1A03	x
74S258 VMAS 1A29	x	74S241 IC 1A24	x	74S240 MDS 1A19	x	74S240 VMA 1A14	x	74S240 MD 1A09	x	74S240 MD 1A04	x
74S258 MDS 1A30	x	74S241 MF 1A25	x	74S241 IC 1A20	x	74S240 MDS 1A15	x	74S240 VMA 1A10	x	74S240 MD 1A05	x

93425A DRAM0 x 2F26	74S04 DRAM0 xxxxxx 2F21	93425A DRAM1 x 2F16	93425A DRAM1 x 2F11	93425A DRAM1 x 2F06	74S64 DRAM2 x 2F01
93425A DRAM0 x 2F27	5610 DSPC11 x 2F22	93425A DRAM1 x 2F17	93425A DRAM1 x 2F12	93425A DRAM1 x 2F07	74S04 DRAM2 xxxxxx 2F02
93425A DRAM0 x 2F28	74S241 DRAM1 x 2F23	93425A DRAM1 x 2F18	93425A DRAM1 x 2F13	93425A DRAM1 x 2F08	74S37 DRAM0 xxx0 2F03
93425A DRAM0 x 2F29	74S64 DRAM0 x 2F24	93425A DRAM1 x 2F19	93425A DRAM1 x 2F14	93425A DRAM1 x 2F09	74S04 DRAM1 xxxxxx 2F04
74S51 DRAM0 xx 2F30	74S241 DRAM0 x 2F25	74S51 DRAM1 xx 2F20	74S51 DRAM1 xx 2F15	74S51 DRAM1 xx 2F10	74S64 DRAM1 x 2F05
25S10 SHIF10 x 2E26	25S10 SHIF10 x 2E21	5600 MSKG4 x 2E16	5600 MSKG4 x 2E11	25S10 SHIF11 x 2E06	25S10 SHIF11 x 2E01
25S10 SHIF10 x 2E27	25S10 SHIF10 x 2E22	5600 MSKG4 x 2E17	5600 MSKG4 x 2E12	25S10 SHIF11 x 2E07	25S10 SHIF11 x 2E02
25S10 SHIF10 x 2E28	25S10 SHIF10 x 2E23	----- ----- ----- 2E18	----- ----- ----- 2E13	25S10 SHIF11 x 2E08	25S10 SHIF11 x 2E03
25S10 SHIF10 x 2E29	25S10 SHIF10 x 2E24	74S02 SMC1L xxxx 2F19	74S02 SMC1L xxxx 2E14	25S10 SHIF11 x 2E09	25S10 SHIF11 x 2F04
74S02 SMC1L xxxx 2F30	74S283 SMC1L x 2E25	RF520 MSKG4 x 2F20	RF520 MSKG4 x 2E15	74S283 SMC1L x 2F10	74S86 LCC xxx0 2F05

74S04 MSGK4 xxxxxx 2D26	7428 ALUC4 xxxx 2D21	5600 MSGK4 x 2D16	5600 MSGK4 x 2D11		
		5600 MSGK4 x 2D17	5600 MSGK4 x 2D12		
74S151 M00 x 2D28	74S151 M00 x 2D23	74S151 M01 x 2D18	74S151 M01 x 2D13		
74S151 M00 x 2D29	74S151 M00 x 2D24	74S151 M01 x 2D19	74S151 M01 x 2D14		
25S10 SHIF10 x 2D30	25S10 SHIF10 x 2D25	74S02 SMC11 xxxx 2D20	74S32 ALUC4 xxoo 2D15	25S10 SHIF11 x 2D10	25S10 SHIF11 x 2D05
25S10 SHIF10 x 2C26	25S10 SHIF10 x 2C21		74S04 ALUC4 xxxxxx 2C11	25S10 SHIF11 x 2C06	25S10 SHIF11 x 2C01
74S194 Q x 2C27	74S194 Q x 2C22	74LS244 SPY1 x 2C17	74S194 Q x 2C12	74S194 Q x 2C07	74S04 CLOCKD xxxxxx 2C02
74S194 Q x 2C28	74S194 Q x 2C23	74LS244 SPY1 x 2C18	74S194 Q x 2C13	74S194 Q x 2C08	74S37 CLOCKD xxoo 2C03
74S151 M00 x 2C29	74S151 M00 x 2C24	74S151 M00 x 2C19	74S151 M01 x 2C14	74S151 M01 x 2C09	
74S151 M00 x 2C30	SIP330/4 BC1FRM x 2C25	74S20 ALUC4 xx 2C20	74S00 ALUC4 xxxx 2C15	74S02 ALUC4 xxxx 2C10	74S169 IC x 2C05

74S153 ALUC4 2B26	74S153 ALUC4 2B21	74S153 ALUC4 2B16	74S153 ALUC4 2B11	74S153 ALUC4 2B06	74S258 VMAS 2B01
74S153 ALUC4 2B27	74S153 ALUC4 2B22	74S153 ALUC4 2B17	74S153 ALUC4 2B12	74S153 ALUC4 2B07	74S258 MDS 2B02
74S181 ALU0 2B28	74S181 ALU0 2B23	74S153 ALUC4 2B18	74S181 ALU1 2B13	74S181 ALU1 2B08	74S169 LC 2B03
74S151 M00 2B29	74S151 M00 2B24	7428 QCTL 2B19	74S151 M01 2B14	74S151 M01 2B09	74S258 VMAS 2B04
74S151 M00 2B30	74S151 M00 2B25	74S37 ALUC4 2B20	74S151 M01 2B15	74S151 M01 2B10	74S258 MDS 2B05
74S153 ALUC4 2A26	74S153 ALUC4 2A21	74S37 ALUC4 2A16	74S153 ALUC4 2A11	74S153 ALUC4 2A06	74S153 ALUC4 2A01
74S153 ALUC4 2A27	74S153 ALUC4 2A22	74S37 ALUC4 2A17	74S153 ALUC4 2A12	74S153 ALUC4 2A07	74S153 ALUC4 2A02
74S181 ALU0 2A28	74S181 ALU0 2A23	74S182 ALUC4 2A18	74S181 ALU1 2A13	74S181 ALU1 2A08	74S181 ALU1 2A03
74S151 M00 2A29	74S151 M00 2A24	74S182 ALUC4 2A19	74S151 M01 2A14	74S151 M01 2A09	74S08 ALU1 2A04
74S151 M00 2A30	74S151 M00 2A25	74S182 ALUC4 2A20	74S151 M01 2A15	74S151 M01 2A10	74S04 MD 2A05

74S283 NPC 3F26	74LS244 SPY1 3F21	74S64 VC111 3F16	74S241 DSPC11 3F11	93425A DRAM0 3F06	93425A DRAM0 3F01
74S283 NPC 3F27	93S48 IPAR 3F22	74S10 VC111 3F17	74S241 DSPC11 3F12	93425A DRAM0 3F07	93425A DRAM0 3F02
74S283 NPC 3F28	74LS244 SPY1 3F23	74S02 IRAP 3F18	74S241 DSPC11 3F13	93425A DRAM0 3F08	93425A DRAM0 3F03
74S283 NPC 3F29	93S48 IPAR 3F24	74S04 IRAP 3F19	74S02 MF 3F14	93425A DRAM0 3F09	93425A DRAM0 3F04
74S64 CONTRI 3F30	74LS244 SPY1 3F25	74S04 CONTRI 3F20	74LS244 SPY2 3F15	74S51 DRAM0 3F10	74S51 DRAM0 3F05
74S64 CONTRI 3F26	93S48 IPAR 3F21	74LS244 SPY2 3F16	74S00 ICC 3F11	74LS244 SPY1 3F06	74LS244 SPY1 3F01
74S64 CONTRI 3F27	74S04 CONTRI 3F22	74S02 FLAG 3F17	74S175 ICC 3F12	74S00 ICC 3F07	93S48 IPAR 3F02
74S64 CONTRI 3F28	74S00 CONTRI 3F23	74S32 FLAG 3F18	74S151 FLAG 3F13	251S2519 FLAG 3F08	74LS244 SPY1 3F03
74S11 CONTRI 3F29	74S08 CONTRI 3F24	74S86 SPCPAR 3F19	74S08 FLAG 3F14	74S32 ICC 3F09	93S48 IPAR 3F04
74S20 OPCD 3F30	74S64 CONTRI 3F25	----- ----- 3F20	----- ----- 3F15	----- ----- 3F10	74S08 ICC 3F05

74S175 CONTRI x 3D26	74S08 SOURCE xxxx 3D21	25S09 IRFG x 3D16	74S138 SOURCE x 3D11	25S09 IRFG x 3D06	----- 3D01
----- 3D27	74S138 SOURCE x 3D22	25S09 IRFG x 3D17	74S138 SOURCE x 3D12	25S09 IRFG x 3D07	74S00 SOURCE xxxx 3D02
74S00 CONTRI xxxx 3D28	74S138 SOURCE x 3D23	25S09 IRFG x 3D18	74S32 IOR xxxx 3D13	74S32 IOR xxxx 3D08	74S04 SOURCE xxxxxx 3D03
----- 3D29	74S169 PDIPIR x 3D24	25S09 IRFG x 3D19	74S32 IOR xxxx 3D14	74S32 IOR xxxx 3D09	74S139 VCI1.2 xx 3D04
74S169 PDIPIR x 3D30	25S07 PDIPIR x 3D25	25S09 IRFG x 3D20	74S32 IOR xxxx 3D15	74S32 IOR xxxx 3D10	74S139 SOURCE xx 3D05
74S374 I x 3C26	74S169 PDIPIR x 3C21	74S32 IOR xxxx 3C16	74S37 CLOCKD xxxxx 3C11	74S32 IOR xxxx 3C06	25S09 IRFG x 3C01
74S374 I x 3C27	25S07 PDIPIR x 3C22	25S09 IRFG x 3C17	74S04 CLOCKD xxxxxx 3C12	74S32 IOR xxxx 3C07	25S09 IRFG x 3C02
74S374 I x 3C28	74LS244 SPY1 x 3C23	74S32 IOR xxxx 3C18	74S37 CLOCKD xxxxx 3C13	74S32 IOR xxxx 3C08	25S09 IRFG x 3C03
74S374 I x 3C29	74LS244 SPY1 x 3C24	25S09 IRFG x 3C19	25S07 DSPCIL x 3C14	74S32 IOR xxxx 3C09	25S09 IRFG x 3C04
----- 3C30	----- 3C25	----- 3C20	25S07 DSPCIL x 3C15	----- 3C10	----- 3C05

74S174 ACTL 3B26	x	93S46 ACTL 3B21	x	74S00 ACTL 3B16	xxxx	93425A AMEM0 3B11	x	93425A AMEM0 3B06	x	74S241 ALATCH 3B01	x
93S46 ACTL 3B27	x	93425A AMEM1 3B22	x	93425A AMEM1 3B17	x	93425A AMEM0 3B12	x	93425A AMEM0 3B07	x	74S373 ALATCH 3B02	x
25S09 ACTL 3B28	x	93425A AMEM1 3B23	x	93425A AMEM1 3B18	x	93425A AMEM0 3B13	x	93425A AMEM0 3B08	x	74S241 ALATCH 3B03	x
25S09 ACTL 3B29	x	93425A AMEM1 3B24	x	93425A AMEM1 3B19	x	93425A AMEM0 3B14	x	93425A AMEM0 3B09	x	74S373 ALATCH 3B04	x
74S37 ACTL 3B30	xxxx	93425A AMEM1 3B25	x	93425A AMEM1 3B20	x	74S258 ACTL 3B15	x	93425A AMEM0 3B10	x	74S241 ALATCH 3B05	x
74LS244 SPY2 3A26	x	74S258 ACTL 3A21	x	74S258 ACTL 3A16	x	93425A AMEM0 3A11	x	74S258 ACTL 3A06	x	74S373 ALATCH 3A01	x
74LS244 SPY2 3A27	x	93425A AMEM1 3A22	x	93425A AMEM1 3A17	x	74S258 ACTL 3A12	x	93425A AMEM0 3A07	x	74S241 ALATCH 3A02	x
93S48 APAR 3A28	x	93425A AMEM1 3A23	x	93425A AMEM1 3A18	x	93425A AMEM0 3A13	x	93425A AMEM0 3A08	x	74S373 ALATCH 3A03	x
93S48 APAR 3A29	x	93425A AMEM1 3A24	x	93425A AMEM1 3A19	x	93425A AMEM0 3A14	x	93425A AMEM0 3A09	x	74S241 ALATCH 3A04	x
93S48 APAR 3A30	x	93425A AMEM1 3A25	x	93425A AMEM1 3A20	x	93425A AMEM0 3A15	x	93425A AMEM0 3A10	x	74S373 ALATCH 3A05	x

93S48 SPCPAR -----x 4F26	93S48 SPCPAR -----x 4F21	93S48 SPCPAR -----x 4F16	25S09 SPCW -----x 4F11	25S07 LPC -----x 4F06	74S153 NPC -----x 4F01
----- ----- 4F27	----- ----- 4F22	93S48 SPCPAR -----x 4F17	25S09 SPCW -----x 4F12	25S07 LPC -----x 4F07	74S153 NPC -----x 4F02
74S169 SPC -----x 4F28	74S169 SPC -----x 4F23	74S373 SPC1CH -----x 4F18	25S09 SPCW -----x 4F13	25S07 LPC -----x 4F08	74S153 NPC -----x 4F03
82S21 SPC -----x 4F29	82S21 SPC -----x 4F24	74S373 SPC1CH -----x 4F19	25S09 SPCW -----x 4F14	74S280 DSPCII -----x 4F09	74S153 NPC -----x 4F04
82S21 SPC -----x 4F30	82S21 SPC -----x 4F25	74S373 SPC1CH -----x 4F20	74S157 SPCW -----x 4F15	74S280 DSPCII -----x 4F10	74S153 NPC -----x 4F05
82S21 SPC -----x 4E26	82S21 SPC -----x 4E21	74S241 SPC1CH -----x 4E16	74S157 SPCW -----x 4E11	74S157 LPC -----x 4E06	74S153 NPC -----x 4E01
82S21 SPC -----x 4E27	82S21 SPC -----x 4E22	74S241 SPC1CH -----x 4E17	74S157 SPCW -----x 4E12	74S157 LPC -----x 4E07	74S153 NPC -----x 4E02
82S21 SPC -----x 4E28	82S21 SPC -----x 4E23	74S241 SPC1CH -----x 4E18	74S157 SPCW -----x 4E13	74S157 LPC -----x 4E08	74S32 IPAR -----xxxx 4E03
RES20 SPC -----x 4E29	RES20 SPC -----x 4E24	----- ----- 4E19	74S157 SPCW -----x 4E14	74S157 LPC -----x 4E09	74S374 NPC -----x 4E04
74S37 CONTRI -----xxxo 4F30	----- ----- 4E25	----- ----- 4E20	----- ----- 4F15	----- ----- 4F10	74S374 NPC -----x 4F05

93425A PDI 1 4D26	93425A PDI 0 4D21	93425A PDI 0 4D16	93425A PDI 0 4D11	74S08 IPC 4D06	74S241 IPC 4D01
93425A PDI 1 4D27	93425A PDI 0 4D22	93425A PDI 0 4D17	93425A PDI 0 4D12	74S51 PDI CTL 4D07	74S241 IPC 4D02
93425A PDI 1 4D28	93425A PDI 1 4D23	93425A PDI 0 4D18	93425A PDI 0 4D13	74S00 MF 4D08	74S04 CLOCKD 4D03
93425A PDI 1 4D29	74S258 PDI CTL 4D24	93425A PDI 0 4D19	74S258 PDI CTL 4D14	74S08 LCC 4D09	74S241 PDI PTR 4D04
93425A PDI 1 4D30	93425A PDI 1 4D25	74S37 PDI CTL 4D20	----- ----- 4D15	74S10 SOURCE 4D10	74S241 PDI PTR 4D05
93425A PDI 1 4C26	93425A PDI 1 4C21	74S258 PDI CTL 4C16	74S175 PDI CTL 4C11	74S04 CLOCKD 4C06	74S241 PDI PTR 4C01
93425A PDI 1 4C27	74S258 PDI CTL 4C22	93425A PDI 0 4C17	74S258 PDI CTL 4C12	74S37 CLOCKD 4C07	74S37 CLOCKD 4C02
93425A PDI 1 4C28	93425A PDI 1 4C23	93425A PDI 0 4C18	93425A PDI 0 4C13	93S48 L 4C08	93S48 L 4C03
93425A PDI 1 4C29	93425A PDI 1 4C24	93425A PDI 0 4C19	93425A PDI 0 4C14	93S48 L 4C09	74S374 IWR 4C04
93425A PDI 1 4C30	93425A PDI 1 4C25	93425A PDI 0 4C20	93425A PDI 0 4C15	93425A PDI 0 4C10	74S374 IWR 4C05

----- ----- 4B26	----- ----- 4B21	----- ----- 4B16	74S11 MC11 xxx ----- 4B11	74S374 1WR x ----- 4B06	74S374 1WR x ----- 4B01
82S21 MMEM x ----- 4B27	74S37 MC11 xx00 ----- 4B22	74LS244 SPY2 x ----- 4B17	74S04 MC11 x00000 ----- 4B12	74S241 MATCH x ----- 4B07	74S373 MATCH x ----- 4B02
82S21 MMEM x ----- 4B28	82S21 MMEM x ----- 4B23	93S46 MC11 x ----- 4B18	74LS244 SPY2 x ----- 4B13	74S373 MATCH x ----- 4B08	74S373 MATCH x ----- 4B03
82S21 MMEM x ----- 4B29	82S21 MMEM x ----- 4B24	74S258 MC11 x ----- 4B19	74S10 MC11 xxx ----- 4B14	74S241 MATCH x ----- 4B09	74S373 MATCH x ----- 4B04
82S21 MMEM x ----- 4B30	82S21 MMEM x ----- 4B25	RFS20 MC11 x ----- 4B20	93S48 APAR x ----- 4B15	74S241 SPC1CH x ----- 4B10	74S373 MATCH x ----- 4B05
82S21 MMEM x ----- 4A26	82S21 MMEM x ----- 4A21	74S258 MC11 x ----- 4A16	----- ----- 4A11	74S241 MATCH x ----- 4A06	74S373 MATCH x ----- 4A01
82S21 MMEM x ----- 4A27	82S21 MMEM x ----- 4A22	74S00 APAR xx00 ----- 4A17	93S48 APAR x ----- 4A12	74S373 SPC1CH x ----- 4A07	74S373 MATCH x ----- 4A02
82S21 MMEM x ----- 4A28	82S21 MMEM x ----- 4A23	74S258 MC11 x ----- 4A18	74LS244 SPY2 x ----- 4A13	74S241 MATCH x ----- 4A08	74S373 MATCH x ----- 4A03
82S21 MMEM x ----- 4A29	82S21 MMEM x ----- 4A24	RFS20 MC11 x ----- 4A19	93S48 APAR x ----- 4A14	74S373 SPC1CH x ----- 4A09	74S373 MATCH x ----- 4A04
82S21 MMEM x ----- 4A30	82S21 MMEM x ----- 4A25	----- ----- 4A20	74LS244 SPY2 x ----- 4A15	74S373 SPC1CH x ----- 4A10	74S373 MATCH x ----- 4A05

CADR PROCESSOR

***** CADRWD; CADR4 UML
***** DIP MAP *****

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-1AJ1-		-1AJ2-		-1BJ1-		-1BJ2-	
01	MEM31	#101		01	MEM11	#101	
02	MEM30	#102		02	MEM10	#102	
03	MEM29	#103		03	MEM9	#103	
04	MEM28	#104		04	MEM8	#104	
05	MEM27	#105		05	MEM7	#105	
06	MEM26	#106		06	MEM6	#106	
07	MEM25	#107		07	MEM5	#107	
08	MEM24	#108		08	MEM4	#108	
09	MEM23	#109		09	MEM3	#109	
10	MEM22	#110		10	MEM2	#110	
11	MEM21	#111		11	MEM1	#111	
12	MEM20	#112		12	MEM0	#112	
13	MEM19	#113		13	MEMPAR IN	@113	
14	MEM18	#114		14	-ADPPAR	#114	
15	MEM17	#115		15	-PMA21	#115	
16	MEM16	#116		16	-PMA20	#116	
17	MEM15	#117		17	-PMA19	#117	
18	MEM14	#118		18	-PMA18	#118	
19	MEM13	#119		19	-PMA17	#119	
20	MEM12	#120		20	-PMA16	#120	
21		121		21		121	
22		122		22		122	
23		123		23		123	
24		124		24		124	
25		125		25		125	
26		126		26		126	
27		127		27		127	
28		128		28		128	
29		129		29		129	
30		130		30		130	
31		131		31		131	
32		132		32		132	
33		133		33		133	
34		134		34		134	
35		135		35		135	
36		136		36		136	
37		137		37		137	
38		138		38		138	
39		139		39		139	
40		140		40		140	
		141				141	
		142				142	
		143				143	
		144				144	
		145				145	
		146				146	
		147				147	
		148				148	
		149				149	
		150				150	

-1CJ1-	-1CJ2-	-1DJ1-	-1DJ2-
01 -PMA15	# 01	01	01
02 -PMA14	# 02	02	02
03 -PMA13	# 03	03	03
04 -PMA12	# 04	04	04
05 -PMA11	# 05	05	05
06 -PMA10	# 06	06	06
07 -PMA9	# 07	07	07
08 -PMA8	# 08	08	08
09 -VMA7	# 09	09	09
10 -VMA6	# 10	10	10
11 -VMA5	# 11	11	11
12 -VMA4	# 12	12	12
13 -VMA3	# 13	13	13
14 -VMA2	# 14	14	14
15 -VMA1	# 15	15	15
16 -VMA0	# 16	16	16
17 -M-MRQ	# 17	17	17
18 -M-MACK	@ 18	18	18
19 -LOADMD	@ 19	19	19
20 -IGNPAR	@ 20	20	20
21 -----	21	21	21
22 -----	22	22	22
23 -----	23	23	23
24 -----	24	24	24
25 -----	25	25	25
26 -----	26	26	26
27 -----	27	27	27
28 -----	28	28	28
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44 -----	44	44	44
45 -----	45	45	45
46 -----	46	46	46
47 -----	47	47	47
48 -----	48	48	48
49 -----	49	49	49
50 -----	50	50	50

-1EJ1-	-1EJ2-	-1FJ1-	-1FJ2-
101	101	101	101
102	102	102	102
103	103	103	103
104	104	104	104
105	105	105	105
106	106	106	106
107	107	107	107
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127	127	127	127
128	128	128	128
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139	139	139	139
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	141		141
	142		142
	143		143
	144		144
	145		145
	146		146
	147		147
	148		148
	149		149
	150		150

-2AJ1-	-2AJ2-	-2BJ1-	-2BJ2-
01	01	01	01
02	02	02	02
03	03	03	03
04	04	04	04
05	05	05	05
06	06	06	06
07	07	07	07
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	43		43
	44		44
	45		45
	46		46
	47		47
	48		48
	49		49
	50		50

-2CJ1-	-2CJ2-	-2DJ1-	-2DJ2-
01	01	01	01
02	02	02	02
03	03	03	03
04	04	04	04
05	05	05	05
06	06	06	06
07	07	07	07
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	50		50

CADR PROCESSOR

CADRWD;CADR4 UMI

29-FEB-80 1944

***** EDGE CONNECTIONS Flags: (# Output, @ terminator, ---- Dedicated ground, ++++ Dedicated power) *****

-2EJ1-	-2FJ2-	-2FJ1-	-2FJ2-
01	01	01 OPC0	01
02	02	02 OPC1	02
03	03	03 OPC2	03
04	04	04 OPC3	04
05	05	05 OPC4	05
06	06	06 OPC5	06
07	07	07 OPC6	07
08	08	08 OPC7	08
09	09	09 OPC8	09
10	10	10 OPC9	10
11	11	11 OPC10	11
12	12	12 OPC11	12
13	13	13 OPC12	13
14	14	14 OPC13	14
15	15	15 -SPY_AI	15
16	16	16 -UPPERHIGHOK	##16
17	17	17 VMPAROK	##17
18	18	18 VOPAROK	##18
19	19	19 IM DRIVE ENB	19
20	20	20 NC	##20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
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38	38	38	38
39	39	39	39
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	41		41
	42		42
	43		43
	44		44
	45		45
	46		46
	47		47
	48		48
	49		49
	50		50

-3AJ1-	-3AJ2-	-3BJ1-	-3BJ2-
01 SPY0	#101	01	01
02 SPY1	#102	02	02
03 SPY2	#103	03	03
04 SPY3	#104	04	04
05 SPY4	#105	05	05
06 SPY5	#106	06	06
07 SPY6	#107	07	07
08 SPY7	#108	08	08
09 SPY8	#109	09	09
10 SPY9	#110	10	10
11 SPY10	#111	11	11
12 SPY11	#112	12	12
13 SPY12	#113	13	13
14 SPY13	#114	14	14
15 SPY14	#115	15	15
16 SPY15	#116	16	16
17 -MFMGRANI	@117	17	17
18 WRCYC	#118	18	18
19 INI	@119	19	19
20 MIMPAR OUT	#120	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
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-3CJ1-	-3CJ2-	-3DJ1-	-3DJ2-
01 10	01	01 116	01
02 11	02	02 117	02
03 12	03	03 118	03
04 13	04	04 119	04
05 14	05	05 120	05
06 15	06	06 121	06
07 16	07	07 122	07
08 17	08	08 123	08
09 18	09	09 124	09
10 19	10	10 125	10
11 110	11	11 126	11
12 111	12	12 127	12
13 112	13	13 128	13
14 113	14	14 129	14
15 114	15	15 130	15
16 115	16	16 131	16
17 -SPY.OBL	17	17 -SPY.IRL	17
18 -SPY.OBH	18	18 -SPY.IRM	18
19 -FUNC11	#19	19 -SPY.IRH	19
20 NC	#20	20 DPAROK	#20
21	21	21	21
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-3EJ1-	-3EJ2-	-3FJ1-	-3FJ2-
01 I32	01	IWR32	#01
02 I33	02	IWR33	#02
03 I34	03	IWR34	#03
04 I35	04	IWR35	#04
05 I36	05	IWR36	#05
06 I37	06	IWR37	#06
07 I38	07	IWR38	#07
08 I39	08	IWR39	#08
09 I40	09	IWR40	#09
10 I41	10	IWR41	#10
11 I42	11	IWR42	#11
12 I43	12	IWR43	#12
13 I44	13	IWR44	#13
14 I45	14	IWR45	#14
15 I46	15	IWR46	#15
16 I47	16	IWR47	#16
17 I48	17	-STABIT	#17
18 -SPY_FLAG2	18	-LONG	#18
19 -NOP11	19	NC	#19
20 PROG_UNIBUS_RESET	#20	NC	#20
21 -----	21	-----	21
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23 -----	23	-----	23
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-4AJ1-	-4AJ2-	-4BJ1-	-4BJ2-
01	01	01 IWR20	# 01
02	02	02 IWR21	# 02
03	03	03 IWR22	# 03
04	04	04 IWR23	# 04
05	05	05 IWR24	# 05
06	06	06 IWR25	# 06
07	07	07 IWR26	# 07
08	08	08 IWR27	# 08
09	09	09 IWR28	# 09
10	10	10 IWR29	# 10
11	11	11 IWR30	# 11
12	12	12 IWR31	# 12
13	13	13 -SPY,ML	13
14	14	14 -SPY,MH	14
15	15	15 MMIMPAROK	# 15
16	16	16 PDI PAROK	# 16
17	17	17 APAROK	# 17
18	18	18 -SPY,AH	18
19	19	19 NC	# 19
20	20	20 NC	# 20
21	21	21	21
22	22	22	22
23	23	23	23
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-4CJ1-		-4CJ2-		-4DJ1-		-4DJ2-	
101	IWR0	#101		101	SPY0	#101	
102	IWR1	#102		102	SPY1	#102	
103	IWR2	#103		103	SPY2	#103	
104	IWR3	#104		104	SPY3	#104	
105	IWR4	#105		105	SPY4	#105	
106	IWR5	#106		106	SPY5	#106	
107	IWR6	#107		107	SPY6	#107	
108	IWR7	#108		108	SPY7	#108	
109	IWR8	#109		109	SPY8	#109	
110	IWR9	#110		110	SPY9	#110	
111	IWR10	#111		111	SPY10	#111	
112	IWR11	#112		112	SPY11	#112	
113	IWR12	#113		113	SPY12	#113	
114	IWR13	#114		114	SPY13	#114	
115	IWR14	#115		115	SPY14	#115	
116	IWR15	#116		116	SPY15	#116	
117	IWR16	#117		117	-WALL	#117	
118	IWR17	#118		118	-HANG	#118	
119	IWR18	#119		119	BOOT TRAP	#119	
120	IWR19	#120		120	MEMPAROK	#120	
121	-----	21		121	-----	121	
122	-----	22		122	-----	122	
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-4EJ1-	-4EJ2-	-4FJ1-	-4FJ2-
101 PC0B	#101	101	101
102 PC1B	#102	102	102
103 PC2B	#103	103	103
104 PC3B	#104	104	104
105 PC4B	#105	105	105
106 PC5B	#106	106	106
107 PC6B	#107	107	107
108 PC7B	#108	108	108
109 PC8B	#109	109	109
110 PC9B	#110	110	110
111 PC10B	#111	111	111
112 PC11B	#112	112	112
113 PC12B	#113	113	113
114 PC13B	#114	114	114
115 TRAPENB	115	115	115
116 -JWRITIED	#116	116	116
117 -JDEBUG	117	117	117
118 LFC_HOLD	118	118	118
119 SPCPAROK	#119	119	119
120 IPAROK	#120	120	120
121 -----	121	121	121
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-5AJ1-	-5AJ2-	-5BJ1-	-5BJ2-
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-5CJ1-	-5CJ2-	-5DJ1-	-5DJ2-
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-5FJ1-	-5EJ2-	-5FJ1-	-5FJ2-
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CADR PROCESSOR		CADRDW;CADR4 WIR	29-FEB-80	1945	
FILENAM.FX1[P,PW]	DATE	TIME	MODULE (DWG NUM)	REV	AUTHOR
TITLE 1			PROJECT		NOMENCLATURE
TITLE 2			SHEET n OF m		BOARD TYPE
CARD LOC(VARIABLE SETTINGS)			NEXT HIGHER ASSEMBLY		
ACII.DRW[CAD,R]	03-FEB-78	0046			TK
CADR					MPG216
A CONTROL					MPG216
ALATCH.DRW[CAD,R]	02-FEB-78	2225			TK
CADR					MPG216
A MEMORY LATCH					MPG216
ALU0.DRW[CAD,R]	29-SEP-78	0050			TK
CADR					MPG216
ALU0					MPG216
ALU1.DRW[CAD,R]	29-SEP-78	0050			TK
CADR					MPG216
ALU1					MPG216
ALUC4.DRW[CAD,R]	06-FEB-80	0240			TK
CADR					MPG216
ALU CARRY AND FUNCTION					MPG216
AMEM0.DRW[CAD,R]	31-JAN-78	2341			TK
CADR					MPG216
A MEMORY LEFT					MPG216
AMEM1.DRW[CAD,R]	31-JAN-78	2342			TK
CADR					MPG216
A MEMORY RIGHT					MPG216
APAR.DRW[CAD,R]	23-JAN-78	0440			TK
CADR					MPG216
A&M PARITY					MPG216
BCPINS.DRW[CAD,R]	16-AUG-78	0002			TK
CADR					MPG216
BUS INTERFACE CABLES					MPG216
BCIFRM.DRW[CAD,R]	20-JUN-78	2130			TK
CADR					MPG216
BUSINT CABLE TERMINATION					MPG216
CAPS.DRW[CAD,R]	15-FEB-78	2236			TK
CADR					MPG216
BYPASS CAPACITORS					MPG216
CLOCKD.DRW[CAD,R]	08-MAY-78	0204			TK
CADR					MPG216
CLOCK DISTRIBUTION					MPG216
CONTRI.DRW[CAD,R]	15-FEB-78	1223			TK
CADR					MPG216
PC, SPC CONTROL					MPG216
CPINS.DRW[CAD,R]	22-AUG-78	0623			TK
CADR					MPG216
CONNECTOR PINS					MPG216
DRAM0.DRW[CAD,R]	16-AUG-78	0007			TK
CADR					MPG216
DISPATCH RAM					MPG216
DRAM1.DRW[CAD,R]	16-AUG-78	0009			TK
CADR					MPG216
DISPATCH RAM					MPG216
DRAM2.DRW[CAD,R]	16-AUG-78	0010			TK
CADR					MPG216
DISPATCH RAM					MPG216

CADR PROCESSOR	CADRWD:CADR4 WIR	29-FEB-80	1945	
FILENAM.EXT[P,P,N]	DATE	TIME	MODUL E(DWG NUM) REV	AUTHOR
TITLE 1	PROJECT	NOMI NCIATURE	BOARD TYPE	
TITLE 2	SHEET n OF m	BOARD TYPE		
CARD LOC(VARIABLE SETTINGS)	NEXT HIGHER ASSEMBLY			
DSPCTL.DRW[CAD,R]	02-FEB-78	2233		TK
CADR			MPG216	
DISPATCH CONTROL			MPG216	
FLAG.DRW[CAD,R]	17-AUG-78	0957		TK
CONS			MPG216	
FLAGS.CONDITIONALS			MPG216	
IOR.DRW[CAD,R]	22-JAN-78	0619		TK
CADR			MPG216	
INST. MODIFY OR			MPG216	
IPAR.DRW[CAD,R]	22-JAN-78	0622		TK
CADR			MPG216	
IR PARTY			MPG216	
IRFG.DRW[CAD,R]	24-JAN-78	0734		TK
CADR			MPG216	
INSTRUCTION REGISTER			MPG216	
IWR.DRW[CAD,R]	02-FEB-78	1402		TK
CADR			MPG216	
INSTRUCTION WRITE REGISTER			MPG216	
I.DRW[CAD,R]	24-JAN-78	0736		TK
CADR			MPG216	
I REGISTER			MPG216	
IC.DRW[CAD,R]	08-MAY-78	0209		TK
CADR			MPG216	
LOCATION COUNTER			MPG216	
ICC.DRW[CAD,R]	16-AUG-78	0015		TK
CADR			MPG216	
IC CONTROL			MPG216	
IPC.DRW[CAD,R]	02-FEB-78	2236		TK
CADR			MPG216	
LAST PC			MPG216	
MCIL.DRW[CAD,R]	30-MAR-79	2248		TK
CADR			MPG216	
M CONTROL			MPG216	
MD.DRW[CAD,R]	16-AUG-78	0016		TK
CADR			MPG216	
MEMORY DATA REGISTER			MPG216	
MDS.DRW[CAD,R]	16-AUG-78	0019		TK
CADR			MPG216	
MEMORY DATA SELECTOR			MPG216	
MF.DRW[CAD,R]	02-FEB-78	2028		TK
CADR			MPG216	
DRIVE MF ONTO M			MPG216	
MATCH.DRW[CAD,R]	23-JAN-78	0633		TK
CADR			MPG216	
M MEMORY LATCH			MPG216	
MMEM.DRW[CAD,R]	02-FEB-78	2239		TK
CADR			MPG216	
M MEMORY			MPG216	
MOD.DRW[CAD,R]	06-FEB-80	0424		TK
CADR			MPG216	
MASKER/OUTPUT SELECT			MPG216	

FILE NAME EXT [P, PN]	DATE	CADRWD: CADR4 WIR TIME	MODULE (DWG NUM)	29-FFB-80 1945 REV	AUTHOR
TITLE 1	TITLE 2	CARD LOC (VARIABLE SETTINGS)	PROJECT	SHEET n OF m	NOMINCLATURE BOARD TYPE
			NEXT HIGHER ASSEMBLY		
M01.DRW [CAD, R]	06-FEB-80	0638			TK
CADR				MPG216	
MASKER/OUTPUT SELECT				MPG216	
M5KG4.DRW [CAD, R]	06-FEB-80	0246			TK
CADR				MPG216	
MASK GENERATION				MPG216	
NPC.DRW [CAD, R]	14-FEB-78	2253			TK
CADR				MPG216	
NPC, IPC, PC				MPG216	
OPCD.DRW [CAD, R]	02-FEB-78	2029			TK
CADR				MPG216	
OPC, DC, ZERO DRIVE				MPG216	
PDI0.DRW [CAD, R]	02-FEB-78	1456			TK
CADR				MPG216	
PDI BUFFER LEFT				MPG216	
PDI1.DRW [CAD, R]	02-FEB-78	1453			TK
CADR				MPG216	
PDI BUFFER RIGHT				MPG216	
PDI Ctl.DRW [CAD, R]	15-FEB-78	0009			TK
CADR				MPG216	
PDI BUFFER CONTROL				MPG216	
PDI PTR.DRW [CAD, R]	02-FEB-78	2126			TK
CADR				MPG216	
PDI INDEX AND POINTER				MPG216	
PATCH.DRW [CAD, R]	23-JAN-78	0631			TK
CADR				MPG216	
PDI BUFFER LATCH				MPG216	
Q.DRW [CAD, R]	14-FEB-78	2117			TK
CADR				MPG216	
Q REGISTER				MPG216	
QCtl.DRW [CAD, R]	16-AUG-78	0040			TK
CADR				MPG216	
Q REGISTER CONTROL				MPG216	
SHIFTO.DRW [CAD, R]	22-JAN-78	2346			TK
CADR				MPG216	
SHIFTER RIGHT				MPG216	
SHIF11.DRW [CAD, R]	22-JAN-78	2348			TK
CADR				MPG216	
SHIFTER LEFT				MPG216	
SMC11.DRW [CAD, R]	08-MAY-78	0215			TK
CONS				MPG216	
SHIF1/MASK CONTROL				MPG216	
SOURCE.DRW [CAD, R]	16-AUG-78	0044			TK
CADR				MPG216	
SOURCE, DEST, OP DECODE				MPG216	
SPC.DRW [CAD, R]	30-MAR-79	2251			TK
CADR				MPG216	
SPC MEMORY AND POINTER				MPG216	
SPC1CH.DRW [CAD, R]	02-FEB-78	2244			TK
CADR				MPG216	
SPC MEMORY LATCH				MPG216	

CADR PROCESSOR	CADRDW:CADR4 WIR	29-FEB-80	1945	
FILENAM.FX1[P.PN]	DATE	TIME	MODULE(DWG NUM) REV	AUTHOR
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TITLE 2			SHEET n OF m	BOARD TYPE
CARD I/O(VARIABLE SETTINGS)			NEXT HIGHER ASSEMBLY	
SPCPAR.DRW[CAD,R]	23-JAN-78	0033		TK
CADR			MPG216	
SPC MEMORY PARITY			MPG216	
SPCW.DRW[CAD,R]	23-JAN-78	0629		TK
CADR			MPG216	
SPC WRITE DATA SEL			MPG216	
SPY1.DRW[CAD,R]	24-JAN-78	0743		TK
CADR			MPG216	
PDP11 EXAMINE (IR, OB)			MPG216	
SPY2.DRW[CAD,R]	16-AUG-78	0046		TK
CADR			MPG216	
PDP11 EXAMINE (A, M, FLAG2)			MPG216	
TRAP.DRW[CAD,R]	08-MAY-78	0219		TK
CADR			MPG216	
PARITY ERROR TRAP			MPG216	
VCT11.DRW[CAD,R]	25-OCT-78	0508		TK
CADR			MPG216	
VMEMORY CONTROL			MPG216	
VCT12.DRW[CAD,R]	16-AUG-78	0138		TK
CADR			MPG216	
VMA/MD CONTROL			MPG216	
VMA.DRW[CAD,R]	02-FEB-78	2044		TK
CADR			MPG216	
VMA REGISTER			MPG216	
VMAS.DRW[CAD,R]	08-MAY-78	0224		TK
CADR			MPG216	
VMA INPUT SELECTOR			MPG216	
VMIM0.DRW[CAD,R]	22-AUG-78	0629		TK
CADR			MPG216	
VIRTUAL MEMORY MAP STAGE 0			MPG216	
VMIM1.DRW[CAD,R]	02-FEB-78	1813		TK
CADR			MPG216	
VIRTUAL MEMORY MAP STAGE 1			MPG216	
VMIM2.DRW[CAD,R]	16-AUG-78	0150		TK
CADR			MPG216	
VIRTUAL MEMORY MAP STAGE 1			MPG216	
VMIMDR.DRW[CAD,R]	16-AUG-78	0151		TK
CADR			MPG216	
MAP OUTPUT DRIVE			MPG216	

CADR IOC	PROCESSOR DIPTYPE	BODY	FILE	CADRWD;CADR4 WLR POS	29-FEB-80 1945
1A01	74S240	74S240	VMI-MDR	B1	
1A02	74S240	74S240	MD	D3	
1A03	74S240	74S240	VMI-MDR	B5	
1A04	74S240	74S240	MD	D5	
1A05	74S240	74S240	MD	D8	
1A06	74S240	74S240	VMA	D3	
1A07	74S240	74S240	VMI-MDR	B3	
1A08	74S00	74S00	VMI-MDR	D7	
			MD	C2	
1A08001	CAP	BYPASS	CAPS	C2	
1A09	74S240	74S240	MD	D6	
1A10	74S240	74S240	VMA	D8	
1A11	74S240	74S240	MDS	D3	
1A12	74S240	74S240	VMA	D5	
1A13	74S240	74S240	VMI-MDR	B8	
1A14	74S240	74S240	VMA	D6	
1A15	74S240	74S240	MDS	D8	
1A16	74S241	74S241	LC	D3	
1A17	74S240	74S240	MDS	D5	
1A18	74S00	74S00	MF	D7	
			VMA	C1	
			QC11	D4	
			LC	C1	
1A19	74S240	74S240	MDS	D6	
1A20	74S241	74S241	LC	D8	
1A21	74S241	74S241	MF	C3	
1A22	74S241	74S241	LC	D5	
1A23	74S241	74S241	MF	C6	
1A24	74S241	74S241	LC	D6	
1A25	74S241	74S241	MF	C8	
1A26	74S169	74S169	LC	B2	
1A27	74S258	74S258	VMAS	B3	
1A28	74S258	74S258	MDS	B3	
1A29	74S258	74S258	VMAS	B1	
1A30	74S258	74S258	MDS	B1	
1B01	93425A	93425A	VMI-M2	B5	
1B02	93425A	93425A	VMI-M2	B4	
1B03	93425A	93425A	VMI-M2	B3	
1B04	93425A	93425A	VMI-M2	B3	
1B05	74S240	74S240	MDS	D2	
1B06	93425A	93425A	VMI-M2	D3	
1B07	93425A	93425A	VMI-M2	D3	
1B08	93425A	93425A	VMI-M2	B6	
1B09	93425A	93425A	VMI-M2	B6	
1B11	93425A	93425A	VMI-M2	D6	
1B12	93425A	93425A	VMI-M2	D6	
1B13	93425A	93425A	VMI-M2	D5	
1B14	93425A	93425A	VMI-M2	D4	
1B15003	SIP220/	SIP220/330-8		BCIFRM	B1
1B15020	SIP220/	SIP220/330-8		BCIFRM	B2
1B16	74S374	74S374	MD	B3	
1B17	93S48	93S48	VMI-M2	C8	
1B18	74S37	74S37	CLOCKD	A3	
			CLOCKD	B3	
			CLOCKD	B3	
1B19	74S04	74S04A	CLOCKD	B1	
1B19001	CAP	BYPASS	CAPS	C1	
1B20003	SIP220/	SIP220/330-8		BCIFRM	B4
1B20020	SIP220/	SIP220/330-8		BCIFRM	B5
1B22	25S07	25S07	VMA	B2	
1B23	25S07	25S07	VMA	B1	
1B24	74S241	74S241	MF	C1	
1B25003	SIP220/	SIP220/330-8		BCIFRM	B7
1B25020	SIP220/	SIP220/330-8		BCIFRM	B8
1B26	74S258	74S258	VMAS	B5	

CADR PROCESSOR LOC	DIPTYPE	BODY	FILE	CADRWD;CADR4 WIR POS	29-FEB-80 1945
1B27	74S258	74S258	MDS	B5	
1B28	74S169	74S169	LC	B3	
1B29	74S258	74S258	VMAS	B4	
1B30	74S258	74S258	MDS	B4	
1C01	74S280	74S280	VMEMO	C7	
1C01@01	CAP	BYPASS	CAPS	C5	
1C02	74S280	74S280	VMEMO	D7	
1C03	93S48	93S48	VMEM1	C8	
1C04	93S48	93S48	VMEM1	D8	
1C05	93425A	93425A	VMEM2	B2	
1C06	93425A	93425A	VMEMO	D3	
1C07	93425A	93425A	VMEMO	B5	
1C08	93425A	93425A	VMEMO	B4	
1C09	93425A	93425A	VMEMO	B3	
1C10	74S240	74S240	VMEM2	D1	
1C11	93425A	93425A	VMEMO	D2	
1C12	93425A	93425A	VMEMO	D1	
1C13	93425A	93425A	VMEMO	B2	
1C14	93425A	93425A	VMEMO	B1	
1C15	74S02	74S020	VC11.2	A2	
			VC11.2	A2	
			LC	D5	
1C16	74S258	74S258	VMAS	D5	
1C17	74S374	74S374	MD	B8	
1C18	74S258	74S258	VMAS	D4	
1C19	74S374	74S374	MD	B5	
1C20	74S258	74S258	VMAS	D3	
1C21	74S283	74S283	LC	D6	
1C22	25S07	25S07	VMA	B8	
1C23	74S175	74S175	VC11.1	B8	
1C24	25S07	25S07	VMA	B5	
1C25	25S07	25S07	VMA	B4	
1C26	74S258	74S258	MDS	B6	
1C27	25S09	25S09	LC	D8	
1C28	74S258	74S258	VMAS	B8	
1C29	74S258	74S258	MDS	B8	
1C30	74S169	74S169	LC	B4	
1D01	93425A	93425A	VMEM1	B3	
1D02	93425A	93425A	VMEM1	D3	
1D03	93S48	93S48	VMEM2	D8	
1D04	93425A	93425A	VMEMO	D6	
1D05	93425A	93425A	VMEMO	B6	
1D06	93425A	93425A	VMEM1	D5	
1D07	74S37	74S37	VC11.2	A2	
			VC11.2	A2	
			VC11.2	B2	
			VC11.2	B2	
1D08	74S240	74S240	VMEM1	D1	
1D09	93425A	93425A	VMEMO	D5	
1D10	93425A	93425A	VMEMO	D4	
1D11	93425A	93425A	VMEM1	D6	
1D12	74S86	74S86	TRAP	C2	
			VMEM2	A8	
			VMEM2	A8	
			VMEM1	A8	
1D13	74S240	74S240	VMEM1	B1	
1D14	74S373	74S373	VMEMDR	D5	
1D15	74S373	74S373	VMEMDR	D8	
1D16	74S51	74S51	MD	D2	
			VC11.1	A7	
1D17	74S00	74S000	VC11.1	B5	
		74S00	VC11.1	B5	
1D18	74S04	74S04	OPCD	C1	
			OPCD	C1	
			MD	D1	
			VMEMO	C1	
			MD	D1	

CADR LOC	PROCSOR DIPTYPF	BODY	FILE	CADRWD:CADR4 WIR POS	29-FEB-80 1945
1D19	74S258	74S258	VMAS	D6	
1D20	74S374	74S374	MD	B6	
1D21	74S74	74S74	VC11.1	C2	
			VC11.1	D2	
1D22	1D250	1D250	VC11.1	D6	
1D23	1D50	1D50	VC11.1	D5	
1D25	25S07	25S07	VMA	B6	
1D26	74S04	74S04A	VC11.2	A7	
1D27	74S02	74S02	VMEM0	A7	
		74S020	VC11.1	A2	
			VC11.2	C2	
			VC11.2	D2	
1D28	74S08	74S080	VC11.2	B2	
			VC11.2	B2	
			VC11.2	C2	
			VC11.1	C4	
1D28001	CAP	BYPASS	CAPS	C4	
1D29	74S169	74S169	LC	B6	
1D30	74S258	74S258	VMAS	B6	
1E01	74S241	74S241	OPCD	B6	
1E03	74S241	74S241	OPCD	B8	
1E04	93425A	93425A	VMEM1	B3	
1E05	93425A	93425A	VMEM1	D3	
1E06	74S00	74S00	OPCD	C2	
			OPCD	D2	
			VC11.2	C2	
			VC11.2	C2	
1E07	74S08	74S08	LCC	A1	
			OPCD	C2	
			MD	C1	
			OPCD	D2	
1E08	93425A	93425A	VMEM1	B4	
1E09	93425A	93425A	VMEM1	D4	
1E10	93425A	93425A	VMEM1	B5	
1E12	74S241	74S241	QC11	C8	
1E13	93425A	93425A	VMEM1	B6	
1E14	93425A	93425A	VMEM1	D6	
1E15	93425A	93425A	VMEM1	B6	
1E16	74S11	74S11	OPCD	D2	
		74S110	VC11.1	A1	
1E17	93S48	93S48	VMEMDR	D1	
1E18	93S48	93S48	VMEMDR	D3	
1E19	74S374	74S374	MD	B2	
1E20	74S175	74S175	VC11.1	B3	
1E25	9S42	9S42-1	VC11.1	C1	
			VC11.1	D1	
1E26	74S32	74S32	VMEM0	A8	
			VMEM0	A8	
1E28	93S48	93S48	IRAP	B1	
1E29	93S48	93S48	IRAP	B4	
1E30	93S48	93S48	IRAP	B7	
1E01	74S241	74S241	OPCD	D6	
1E02	74S241	74S241	OPCD	D8	
1E03	74S241	74S241	OPCD	B2	
1E04	74S241	74S241	OPCD	B4	
1E05	74S133	74S133	CLOCKD	D3	
1E05001	CAP	BYPASS	CAPS	C8	
1E08	74S241	74S241	QC11	C1	
1E10	74S241	74S241	QC11	C3	
1E11	741S244	741S244	SPY2	B4	
1E12	74S374	74S374	IWR	D1	
1E13	741S244	741S244	SPY2	B5	
1E14	74S374	74S374	IWR	D2	
1E15	74S241	74S241	QC11	C6	
1E16	93425A	93425A	DRAM2	D4	

CADR LOC	PROCESSOR DIPIYF	BODY	FILE	CADRWD;CADR4 POS	WLR	29-FEB-80	1945
1F17	93425A	93425A	DRAM2	B4			
1F18	93425A	93425A	DRAM2	D5			
1F19	93425A	93425A	DRAM2	B5			
1F20	74S51	74S51	DRAM2	A3			
			DRAM2	A2			
1F21	93425A	93425A	DRAM2	D6			
1F22	93425A	93425A	DRAM2	B6			
1F23	93425A	93425A	DRAM2	D6			
1F24	93425A	93425A	DRAM2	B6			
1F25	74S51	74S51	DRAM2	A2			
			DRAM2	A3			
1F26	93425A	93425A	DRAM2	D7			
1F27	93425A	93425A	DRAM2	B7			
1F28	93425A	93425A	DRAM2	D8			
1F29	93425A	93425A	DRAM2	B8			
1F30	74S51	74S51	DRAM2	B2			
			DRAM2	B3			
1F30@01	CAP	BYPASS	CAPS	C7			
2A03	74S181	74S181	ALU1	D1			
2A04	74S08	74S08	ALU1	D2			
			MF	D7			
			QCIL	D4			
			LC	D1			
2A04@01	CAP	BYPASS	CAPS	A2			
2A05	74S04	74S04	MD	B1			
			VMA	C1			
			VME MDR	D6			
			QCIL	D4			
			QCIL	D1			
			LC	C1			
2A08	74S181	74S181	ALU1	D3			
2A09	74S151	74S151	MO1	B1			
2A10	74S151	74S151	MO1	B2			
2A13	74S181	74S181	ALU1	D6			
2A14	74S151	74S151	MO1	B3			
2A15	74S151	74S151	MO1	B4			
2A16	74S37	74S37	ALUC4	D8			
			ALUC4	D8			
			ALUC4	D8			
			ALUC4	D8			
2A17	74S37	74S37	ALUC4	C8			
			ALUC4	C8			
			ALUC4	C8			
			ALUC4	C8			
2A18	74S182	74S182	ALUC4	D1			
2A19	74S182	74S182	ALUC4	B2			
2A20	74S182	74S182	ALUC4	B1			
2A23	74S181	74S181	ALU0	D2			
2A24	74S151	74S151	MO0	B1			
2A25	74S151	74S151	MO0	B2			
2A28	74S181	74S181	ALU0	D5			
2A29	74S151	74S151	MO0	B3			
2A30	74S151	74S151	MO0	B4			
2B01	74S258	74S258	VMAS	B7			
2B02	74S258	74S258	MDS	B7			
2B03	74S169	74S169	LC	B1			
2B04	74S258	74S258	VMAS	B2			
2B05	74S258	74S258	MDS	B2			
2B08	74S181	74S181	ALU1	D4			
2B09	74S151	74S151	MO1	D1			
2B10	74S151	74S151	MO1	D2			
2B13	74S181	74S181	ALU1	D8			
2B14	74S151	74S151	MO1	D3			
2B15	74S151	74S151	MO1	D4			
2B16	74S153	74S153	ALUC4	D4			

CADR LOC	PROCFSSOR DIPIYPE	BODY	FILE	CADRWD;CADR4 WLR POS	29-FEB-80 1945
2B17	74S153	74S153	ALUC4	D5	
2B18	74S153	74S153	ALUC4	D6	
2B19	7428	7428	QC TL	D2	
			QC TL	D2	
2B19@01	CAP	BYPASS	CAPS	A1	
2B20	74S37	74S37	ALUC4	D2	
2B23	74S181	74S181	ALU0	D3	
2B24	74S151	74S151	MO0	D1	
2B25	74S151	74S151	MO0	D2	
2B28	74S181	74S181	ALU0	D7	
2B29	74S151	74S151	MO0	D3	
2B30	74S151	74S151	MO0	D4	
2C01	25S10	25S10	SHIFT1	D1	
2C02	74S04	74S04A	CLOCKD	C1	
2C02@01	CAP	BYPASS	CAPS	A5	
2C03	74S37	74S37	CLOCKD	B3	
			CLOCKD	C3	
			CLOCKD	C3	
2C05	74S169	74S169	IC	B7	
2C06	25S10	25S10	SHIFT1	B1	
2C07	74S194	74S194	Q	B3	
2C08	74S194	74S194	Q	B1	
2C09	74S151	74S151	MO1	B5	
2C10	74S02	74S020	ALUC4	A8	
		74S02	ALUC4	A7	
		74S020	ALUC4	A4	
		74S02	ALUC4	A4	
2C11	74S04	74S04A	ALUC4	B4	
2C12	74S194	74S194	Q	B8	
2C13	74S194	74S194	Q	B6	
2C14	74S151	74S151	MO1	B8	
2C15	74S00	74S00	ALUC4	B7	
			ALUC4	B7	
			ALUC4	A7	
			ALUC4	A7	
2C17	74LS244	74LS244	SPY1	D7	
2C18	74LS244	74LS244	SPY1	D5	
2C19	74S151	74S151	MO0	B5	
2C20	74S20	74S200	ALUC4	A8	
			ALUC4	B8	
2C21	25S10	25S10	SHIFT0	D1	
2C22	74S194	74S194	Q	D3	
2C23	74S194	74S194	Q	D1	
2C24	74S151	74S151	MO0	B6	
2C25@03	SIP330/	SIP330/470-8	BCIFRM	D8	
2C26	25S10	25S10	SHIFT0	B1	
2C27	74S194	74S194	Q	D8	
2C28	74S194	74S194	Q	D6	
2C29	74S151	74S151	MO0	D5	
2C30	74S151	74S151	MO0	D6	
2D04	74S151	74S151	MO1	B6	
2D05	25S10	25S10	SHIFT1	D2	
2D09	74S151	74S151	MO1	B7	
2D10	25S10	25S10	SHIFT1	B2	
2D11	5600	5600	MSKG4	B4	
2D12	5600	5600	MSKG4	D4	
2D13	74S151	74S151	MO1	D5	
2D14	74S151	74S151	MO1	D6	
2D15	74S32	74S320	ALUC4	B6	
			SMCTL	C4	
2D16	5600	5600	MSKG4	B2	
2D17	5600	5600	MSKG4	D2	
2D18	74S151	74S151	MO1	D7	
2D18@01	CAP	BYPASS	CAPS	A4	
2D19	74S151	74S151	MO1	D8	

CADR IOC	PROCFSSOR DIPTYPE	BODY	FILE	CADRWD;CADR4 WIR POS	29-FEB-80 1945
2D20	74S02	74S02	SMC1L	B1	
		74S020	SMC1L	D2	
			SMC1L	D2	
		74S02	SMC1L	D1	
2D21	7428	7428	AIUC4	C2	
			AIUC4	D2	
			AIUC4	C2	
			AIUC4	C2	
2D23	74S151	74S151	MOO	B7	
2D24	74S151	74S151	MOO	B8	
2D25	25S10	25S10	SHIFT0	D2	
2D26	74S04	74S04A	MSKG4	D8	
2D28	74S151	74S151	MOO	D7	
2D29	74S151	74S151	MOO	D8	
2D30	25S10	25S10	SHIFT0	B2	
2F01	25S10	25S10	SHIFT1	B6	
2F02	25S10	25S10	SHIFT1	D6	
2F03	25S10	25S10	SHIFT1	B8	
2F04	25S10	25S10	SHIFT1	D8	
2F05	74S86	74S86	I CC	A6	
			I CC	A8	
			I CC	B8	
2F06	25S10	25S10	SHIFT1	B4	
2F07	25S10	25S10	SHIFT1	D4	
2F08	25S10	25S10	SHIFT1	B5	
2F09	25S10	25S10	SHIFT1	D5	
2F10	74S283	74S283	SMC1L	B7	
2F11	5600	5600	MSKG4	B3	
2F12	5600	5600	MSKG4	D3	
2F14	74S02	74S020	SMC1L	C2	
			SMC1L	C2	
			SMC1L	C4	
			SMC1L	C4	
2F15	RFS20	RFS20	MSKG4	B5	
2F16	5600	5600	MSKG4	B1	
2F17	5600	5600	MSKG4	D1	
2F19	74S02	74S020	SMC1L	A2	
			SMC1L	B2	
			SMC1L	B2	
			SMC1L	C2	
2F20	RFS20	RFS20	MSKG4	D5	
2F21	25S10	25S10	SHIFT0	B6	
2F22	25S10	25S10	SHIFT0	D6	
2F23	25S10	25S10	SHIFT0	B8	
2F24	25S10	25S10	SHIFT0	D8	
2F25	74S283	74S283	SMC1L	D7	
2F26	25S10	25S10	SHIFT0	B4	
2F27	25S10	25S10	SHIFT0	D4	
2F28	25S10	25S10	SHIFT0	B5	
2F29	25S10	25S10	SHIFT0	D5	
2F30	74S02	74S020	SMC1L	A2	
			SMC1L	A2	
			I CC	A7	
			I CC	B6	
2F01	74S64	74S64	DRAM2	D1	
2F02	74S04	74S04A	DRAM2	D3	
2F03	74S37	74S37	DRAM0	D1	
			DRAM1	D1	
			DRAM2	B3	
2F04	74S04	74S04A	DRAM1	C3	
2F05	74S64	74S64	DRAM1	D1	
2F05001	CAP	BYPASS	CAPS	A8	
2F06	93425A	93425A	DRAM1	D4	
2F07	93425A	93425A	DRAM1	B4	
2F08	93425A	93425A	DRAM1	D5	

CADR	PROCESSOR			CADRWD;CADR4 WLR	29-FEB-80 1945
LOC	DIPIYPE	BODY	FILE	POS	
2F09	93425A	93425A	DRAM1	B5	
2F10	74S51	74S51	DRAM1	A3	
			DRAM1	A2	
2F11	93425A	93425A	DRAM1	D6	
2F12	93425A	93425A	DRAM1	B6	
2F13	93425A	93425A	DRAM1	D6	
2F14	93425A	93425A	DRAM1	B6	
2F15	74S51	74S51	DRAM1	A2	
			DRAM1	A3	
2F16	93425A	93425A	DRAM1	D7	
2F17	93425A	93425A	DRAM1	B7	
2F18	93425A	93425A	DRAM1	D8	
2F19	93425A	93425A	DRAM1	B8	
2F20	74S51	74S51	DRAM1	B2	
			DRAM1	B3	
2F21	74S04	74S04A	DRAMO	C3	
2F22	5610	5610	DSPCTI	D1	
2F23	74S241	74S241	DRAM1	D3	
2F24	74S64	74S64	DRAMO	D1	
2F25	74S241	74S241	DRAMO	D3	
2F26	93425A	93425A	DRAMO	D4	
2F27	93425A	93425A	DRAMO	B4	
2F28	93425A	93425A	DRAMO	D5	
2F29	93425A	93425A	DRAMO	B5	
2F30	74S51	74S51	DRAMO	A3	
			DRAMO	A2	
2F30001	CAP	BYPASS	CAPS	A6	
3A01	74S373	74S373	ALATCH	B5	
3A02	74S241	74S241	ALATCH	D6	
3A03	74S373	74S373	ALATCH	B6	
3A04	74S241	74S241	ALATCH	D8	
3A05	74S373	74S373	ALATCH	B8	
3A06	74S258	74S258	ACIL	D6	
3A06001	CAP	BYPASS	CAPS	B6	
3A07	93425A	93425A	AMEMO	D3	
3A08	93425A	93425A	AMEMO	D4	
3A09	93425A	93425A	AMEMO	D6	
3A10	93425A	93425A	AMEMO	D8	
3A11	93425A	93425A	AMEMO	D2	
3A12	74S258	74S258	ACIL	D5	
3A13	93425A	93425A	AMEMO	D4	
3A14	93425A	93425A	AMEMO	D5	
3A15	93425A	93425A	AMEMO	D7	
3A16	74S258	74S258	ACIL	D3	
3A17	93425A	93425A	AMEMO	D2	
3A18	93425A	93425A	AMEMO	D4	
3A19	93425A	93425A	AMEMO	D6	
3A20	93425A	93425A	AMEMO	D8	
3A21	74S258	74S258	ACIL	D1	
3A22	93425A	93425A	AMEMO	D1	
3A23	93425A	93425A	AMEMO	D3	
3A24	93425A	93425A	AMEMO	D5	
3A25	93425A	93425A	AMEMO	D7	
3A26	74IS244	74IS244	SPY2	B1	
3A27	74IS244	74IS244	SPY2	B2	
3A28	93S48	93S48	APAR	B5	
3A29	93S48	93S48	APAR	B3	
3A30	93S48	93S48	APAR	B1	
3B01	74S241	74S241	ALATCH	D1	
3B02	74S373	74S373	ALATCH	B1	
3B03	74S241	74S241	ALATCH	D3	
3B04	74S373	74S373	ALATCH	B3	
3B05	74S241	74S241	ALATCH	D5	
3B06	93425A	93425A	AMEMO	B1	
3B07	93425A	93425A	AMEMO	B3	

CADR	PROCFSSOR			CADRWD;CADR4 WLR	29-FEB-80 1945
LOC	DIPIYPE	BODY	FILE	POS	
3B08	93425A	93425A	AMFMO	B4	
3B09	93425A	93425A	AMFMO	B6	
3B10	93425A	93425A	AMFMO	B8	
3B11	93425A	93425A	AMFMO	B2	
3B12	93425A	93425A	AMFMO	B4	
3B13	93425A	93425A	AMFMO	B5	
3B14	93425A	93425A	AMFMO	B7	
3B15	74S258	74S258	ACTIL	D4	
3B16	74S00	74S00	ACTI	A8	
			ACTIL	A8	
3B17	93425A	93425A	AMFM1	B2	
3B18	93425A	93425A	AMFM1	B4	
3B19	93425A	93425A	AMFM1	B6	
3B20	93425A	93425A	AMFM1	B8	
3B21	93S46	93S46	ACTIL	B5	
3B22	93425A	93425A	AMFM1	B1	
3B23	93425A	93425A	AMFM1	B3	
3B24	93425A	93425A	AMFM1	B5	
3B25	93425A	93425A	AMFM1	B7	
3B26	74S174	74S174	ACTIL	B4	
3B27	93S46	93S46	ACTIL	B6	
3B28	25S09	25S09	ACTIL	B2	
3B29	25S09	25S09	ACTIL	B1	
3B30	74S37	74S37	ACTIL	B8	
			ACTIL	C8	
			ACTIL	C8	
3B3001	CAP	BYPASS	CAPS	B8	
3C01	25S09	25S09	IRFG	D4	
3C02	25S09	25S09	IRFG	D5	
3C03	25S09	25S09	IRFG	D7	
3C04	25S09	25S09	IRFG	D8	
3C06	74S32	74S32W	IOR	D4	
3C07	74S32	74S32W	IOR	D5	
3C08	74S32	74S32W	IOR	D6	
3C09	74S32	74S32W	IOR	D8	
3C11	74S37	74S37	CLOCKD	A8	
			CLOCKD	A8	
			CLOCKD	A8	
3C12	74S04	74S04A	CLOCKD	B6	
3C13	74S37	74S37	CLOCKD	B8	
			CLOCKD	B8	
			CLOCKD	B8	
3C14	25S07	25S07	DSPCTL	B6	
3C15	25S07	25S07	DSPCTL	B8	
3C16	74S32	74S32W	IOR	D1	
3C17	25S09	25S09	IRFG	D2	
3C18	74S32	74S32W	IOR	D2	
3C19	25S09	25S09	IRFG	D3	
3C21	74S169	74S169	PDIPIR	C8	
3C22	25S07	25S07	PDIPIR	D6	
3C23	74S244	74S244	SPY1	D4	
3C24	74S244	74S244	SPY1	D2	
3C26	74S374	74S374	L	B7	
3C27	74S374	74S374	L	B5	
3C28	74S374	74S374	L	B3	
3C29	74S374	74S374	L	B1	
3D02	74S00	74S00	SOURCE	C8	
		74S000	SOURCE	D7	
		74S00	SOURCE	D1	
			DSPCTL	A5	
3D03	74S04	74S04A	SOURCE	B7	
3D04	74S139	74S139	VCIL?	C7	
			SOURCE	D1	
3D05	74S139	74S139	SOURCE	B1	
			SOURCE	C1	

CADR IOC	PROCESSOR DIPI TYPE	BODY	FILE	CADRWD; CADR4 WLR POS	29-FFB-80 1945
3D06	25S09	25S09	IRFG	B2	
3D07	25S09	25S09	IRFG	B3	
3D08	74S32	74S32W	IOR	B1	
3D09	74S32	74S32W	IOR	B2	
3D10	74S32	74S32W	IOR	B4	
3D10@01	CAP	BYPASS	CAPS	B4	
3D11	74S138	74S138	SOURCE	D3	
3D12	74S138	74S138	SOURCE	D5	
3D13	74S32	74S32W	IOR	B5	
3D14	74S32	74S32W	IOR	B6	
3D15	74S32	74S32W	IOR	B8	
3D16	25S09	25S09	IRFG	B4	
3D17	25S09	25S09	IRFG	B5	
3D18	25S09	25S09	IRFG	B7	
3D19	25S09	25S09	IRFG	B8	
3D20	25S09	25S09	IRFG	D1	
3D21	74S08	74S08	SOURCE	D8	
		74S080	CONTRL	C3	
		74S08	CONTRL	A6	
			CONTRL	B7	
3D22	74S138	74S138	SOURCE	B3	
3D23	74S138	74S138	SOURCE	B5	
3D24	74S169	74S169	PDIPIR	C6	
3D25	25S07	25S07	PDIPIR	D8	
3D26	74S175	74S175	CONTRL	D1	
3D28	74S00	74S00	CONTRL	A6	
			CONTRL	A6	
			CONTRL	B8	
		74S000	CONTRL	A7	
3D28@01	CAP	BYPASS	CAPS	B5	
3D30	74S169	74S169	PDIPIR	C5	
3F01	74IS244	74IS244	SPY1	B8	
3F02	93S48	93S48	IPAR	C1	
3F03	74IS244	74IS244	SPY1	B7	
3F04	93S48	93S48	IPAR	C6	
3F05	74S08	74S08	ICC	B7	
		74S080	SOURCE	B7	
3F06	74IS244	74IS244	SPY1	B1	
3F07	74S00	74S00	ICC	C1	
			CONTRL	B3	
			ICC	A1	
			FLAG	A7	
3F08	25IS251	25IS2519	FLAG	D2	
3F09	74S32	74S32	ICC	B2	
		74S320	SOURCE	C7	
			SOURCE	C7	
			CONTRL	A3	
3F11	74S00	74S000	ICC	A1	
		74S00	ICC	A1	
			ICC	A6	
			FLAG	A7	
3F12	74S175	74S175	ICC	C4	
3F13	74S151	74S151	FLAG	D7	
3F14	74S08	74S08	FLAG	C5	
			FLAG	C5	
			FLAG	D5	
		74S080	CONTRL	D8	
3F16	74IS244	74IS244	SPY2	B8	
3F17	74S02	74S020	FLAG	B4	
			ICC	B1	
		74S02	ICC	D2	
		74S020	ICC	A2	
3F18	74S32	74S32	FLAG	B4	
			FLAG	C4	
			FLAG	B3	
		74S320	CONTRL	B1	

CADR LOC	PROCFSSOR DIPTYPE	BODY	FILE	CADRWD;CADR4 WLR POS	29-FEB-80 1945
3F19	74S86	74S86	SPCPAR	D2	
			DSPCTL	A4	
3F21	93S48	93S48	IPAR	C3	
3F22	74S04	74S04	CONTRL	D8	
			FLAG	A4	
			LCC	C1	
			CONTRL	B1	
3F23	74S00	74S000	CONTRL	D8	
			CONTRL	C7	
			CONTRL	A4	
		74S00	CONTRL	B1	
3F24	74S08	74S08	CONTRL	B1	
			CONTRL	A3	
			CONTRL	A3	
			CONTRL	A3	
3F25	74S64	74S64	CONTRL	D6	
3F26	74S64	74S64	CONTRL	C6	
3F27	74S64	74S64	CONTRL	D3	
3F28	74S64	74S64	CONTRL	C4	
3F29	74S11	74S11	CONTRL	B3	
			CONTRL	B3	
3F30	74S20	74S200	OPCD	C2	
		74S20	TRAP	D3	
3F01	93425A	93425A	DRAMO	D6	
3F02	93425A	93425A	DRAMO	B6	
3F03	93425A	93425A	DRAMO	D6	
3F04	93425A	93425A	DRAMO	B6	
3F05	74S51	74S51	DRAMO	A2	
			DRAMO	A3	
3F05001	CAP	BYPASS	CAPS	B1	
3F06	93425A	93425A	DRAMO	D7	
3F07	93425A	93425A	DRAMO	B7	
3F08	93425A	93425A	DRAMO	D8	
3F09	93425A	93425A	DRAMO	B8	
3F10	74S51	74S51	DRAMO	B2	
			DRAMO	B3	
3F11	74S241	74S241	DSPCTL	D4	
3F12	74S241	74S241	DSPCTL	D6	
3F13	74S241	74S241	DSPCTL	D8	
3F14	74S02	74S02	MF	D3	
		74S020	DSPCTL	B4	
		74S02	DSPCTL	A5	
3F15	74LS244	74LS244	SPY2	B7	
3F16	74S64	74S64	VCI1.1	D8	
3F17	74S10	74S10	VCI1.1	D8	
3F18	74S02	74S020	TRAP	D3	
			TRAP	D3	
		74S02	TRAP	D4	
		74S020	VCI1.2	D2	
3F19	74S04	74S04	TRAP	C7	
			TRAP	D7	
			TRAP	D7	
			TRAP	D7	
			VCI1.2	D2	
3F20	74S04	74S04A	CONTRL	A1	
3F21	74LS244	74LS244	SPY1	B2	
3F22	93S48	93S48	IPAR	C8	
3F23	74LS244	74LS244	SPY1	B4	
3F24	93S48	93S48	IPAR	C4	
3F25	74LS244	74LS244	SPY1	B5	
3F26	74S283	74S283	NPC	D4	
3F27	74S283	74S283	NPC	D5	
3F28	74S283	74S283	NPC	D7	
3F29	74S283	74S283	NPC	D8	
3F30	74S64	74S64	CONTRL	D4	

CADR LOC	PROCESSOR DIPTYPE	BODY	FILE	CADRWD;CADR4 WLR POS	29-FEB-80 1945
3F30001	CAP	BYPASS	CAPS	B2	
4A01	74S373	74S373	MLATCH	B5	
4A02	74S373	74S373	PLATCH	D6	
4A03	74S373	74S373	MLATCH	B6	
4A04	74S373	74S373	PLATCH	D8	
4A05	74S373	74S373	MLATCH	B8	
4A06	74S241	74S241	MLATCH	D6	
4A07	74S373	74S373	SPCICH	B5	
4A08	74S241	74S241	MLATCH	D8	
4A09	74S373	74S373	SPCICH	B7	
4A10	74S373	74S373	SPCICH	B8	
4A12	93S48	93S48	APAR	D3	
4A13	741S244	741S244	SPY2	D6	
4A14	93S48	93S48	APAR	D1	
4A15	741S244	741S244	SPY2	D6	
4A16	74S258	74S258	MCIL	D2	
4A17	74S00	74S00	APAR	D7	
			APAR	C7	
4A17001	CAP	BYPASS	CAPS	D8	
4A18	74S258	74S258	MCIL	D4	
4A19	82S20	82S20	MMEM	D8	
4A21	82S21	82S21	MMEM	B8	
4A22	82S21	82S21	MMEM	D3	
4A23	82S21	82S21	MMEM	D4	
4A24	82S21	82S21	MMEM	D6	
4A25	82S21	82S21	MMEM	D8	
4A26	82S21	82S21	MMEM	B7	
4A27	82S21	82S21	MMEM	D2	
4A28	82S21	82S21	MMEM	D4	
4A29	82S21	82S21	MMEM	D5	
4A30	82S21	82S21	MMEM	D7	
4B01	74S374	74S374	IWR	D6	
4B02	74S373	74S373	MLATCH	B1	
4B03	74S373	74S373	PLATCH	D3	
4B04	74S373	74S373	MLATCH	B3	
4B05	74S373	74S373	PLATCH	D5	
4B06	74S374	74S374	IWR	D8	
4B07	74S241	74S241	MLATCH	D3	
4B08	74S373	74S373	PLATCH	D1	
4B09	74S241	74S241	MLATCH	D5	
4B10	74S241	74S241	SPCICH	D8	
4B11	74S11	74S11	MCIL	A4	
			MCIL	B4	
			ACTL	B8	
4B12	74S04	74S04	MCIL	A2	
4B13	741S244	741S244	SPY2	D4	
4B14	74S10	74S10	MCIL	A4	
			MCIL	A4	
			ACTL	B8	
4B14001	CAP	BYPASS	CAPS	D7	
4B15	93S48	93S48	APAR	D5	
4B17	741S244	741S244	SPY2	D2	
4B18	93S46	93S46	MCIL	B1	
4B19	74S258	74S258	MCIL	D1	
4B20	82S20	82S20	MMEM	B8	
4B22	74S37	74S37	MCIL	A6	
			MCIL	A6	
4B23	82S21	82S21	MMEM	B3	
4B24	82S21	82S21	MMEM	B4	
4B25	82S21	82S21	MMEM	B6	
4B27	82S21	82S21	MMEM	B1	
4B28	82S21	82S21	MMEM	B2	
4B29	82S21	82S21	MMEM	B4	
4B30	82S21	82S21	MMEM	B5	
4C01	74S241	74S241	PDIPIR	C4	

CADR PROCESSOR
LOC DTPTYPE BODY FILE

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POS

LOC	DTPTYPE	BODY	FILE	POS
4C02	74S37	74S37	CLOCKD	C8
			CLOCKD	C8
			CLOCKD	B8
4C02@01	CAP	BYPASS	CAPS	D4
4C03	93S48	93S48	L	D5
4C04	74S374	74S374	IWR	D4
4C05	74S374	74S374	IWR	D5
4C06	74S04	74S04A	CLOCKD	C6
4C07	74S37	74S37	CLOCKD	C8
			CLOCKD	D8
			CLOCKD	D8
4C08	93S48	93S48	L	D6
4C09	93S48	93S48	L	D7
4C10	93425A	93425A	PDI 0	B1
4C11	74S175	74S175	PDI CTL	D4
4C12	74S258	74S258	PDI CII	B7
4C13	93425A	93425A	PDI 0	B4
4C14	93425A	93425A	PDI 0	B5
4C15	93425A	93425A	PDI 0	B6
4C16	74S258	74S258	PDI CTL	B4
4C17	93425A	93425A	PDI 0	D4
4C18	93425A	93425A	PDI 0	D4
4C19	93425A	93425A	PDI 0	D5
4C20	93425A	93425A	PDI 0	D6
4C21	93425A	93425A	PDI 1	B3
4C22	74S258	74S258	PDI CIL	B3
4C23	93425A	93425A	PDI 1	B4
4C24	93425A	93425A	PDI 1	B5
4C25	93425A	93425A	PDI 1	B6
4C26	93425A	93425A	PDI 1	D4
4C27	93425A	93425A	PDI 1	D5
4C28	93425A	93425A	PDI 1	D6
4C29	93425A	93425A	PDI 1	D7
4C30	93425A	93425A	PDI 1	D8
4D01	74S241	74S241	LPC	B6
4D02	74S241	74S241	LPC	B8
4D03	74S04	74S04A	CLOCKD	D6
4D04	74S241	74S241	PDI PIR	C1
4D05	74S241	74S241	PDI PIR	C2
4D06	74S08	74S08	LPC	D1
		74S080	MF	D4
			PDI CIL	D7
		74S08	PDI PIR	D2
4D07	74S51	74S51	PDI CIL	C2
			PDI CIL	D2
4D08	74S00	74S00	MF	D3
			PDI PIR	D2
		74S000	PDI CIL	C7
		74S00	PDI CIL	D8
4D09	74S08	74S08	ICC	C1
			ICC	D1
		74S080	CONTRL	B7
		74S08	FLAG	C2
4D10	74S10	74S100	SOURCE	B7
			PDI CIL	D1
4D11	93425A	93425A	PDI 0	B2
4D12	93425A	93425A	PDI 0	B3
4D13	93425A	93425A	PDI 0	B4
4D14	74S258	74S258	PDI CIL	B6
4D16	93425A	93425A	PDI 0	B7
4D17	93425A	93425A	PDI 0	B8
4D18	93425A	93425A	PDI 0	D2
4D19	93425A	93425A	PDI 0	D3
4D20	74S37	74S37	PDI CIL	C7
			PDI CIL	C7
			PDI CIL	C7

CADR PROCESSOR
 I OC DTPYPE BODY FILE CADRWD:CADR4 WI R
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4D21	93425A	93425A	PDI 0	D7
4D22	93425A	93425A	PDI 0	D8
4D23	93425A	93425A	PDI 1	B1
4D24	74S258	74S258	PDI CII	B1
4D24001	CAP	BYPASS	CAPS	D5
4D25	93425A	93425A	PDI 1	B2
4D26	93425A	93425A	PDI 1	B7
4D27	93425A	93425A	PDI 1	B8
4D28	93425A	93425A	PDI 1	D1
4D29	93425A	93425A	PDI 1	D2
4D30	93425A	93425A	PDI 1	D3
4F01	74S153	74S153	NPC	C6
4F02	74S153	74S153	NPC	C7
4F03	74S32	74S32	IPAR	D7
			I CC	D1
			I CC	D2
		74S320	PDI CII	D7
4E04	74S374	74S374	NPC	D1
4E05	74S374	74S374	NPC	D2
4E06	74S157	74S157	I PC	D2
4E07	74S157	74S157	I PC	D4
4E08	74S157	74S157	I PC	D6
4E09	74S157	74S157	I PC	D8
4E11	74S157	74S157	SPCW	C3
4E12	74S157	74S157	SPCW	C4
4E13	74S157	74S157	SPCW	C6
4E14	74S157	74S157	SPCW	C8
4E16	74S241	74S241	SPCLCH	D1
4E17	74S241	74S241	SPCLCH	D2
4E18	74S241	74S241	SPCLCH	D4
4E21	82S21	82S21	SPC	B3
4E22	82S21	82S21	SPC	B4
4E23	82S21	82S21	SPC	B5
4E24	RES20	RES20	SPC	D7
4E26	82S21	82S21	SPC	D3
4E26001	CAP	BYPASS	CAPS	D2
4E27	82S21	82S21	SPC	D4
4E28	82S21	82S21	SPC	D5
4E29	RES20	RES20	SPC	D8
4E30	74S37	74S37	CONTRI	A7
			CONTRI	A7
			CONTRI	A7
4F01	74S153	74S153	NPC	C1
4E02	74S153	74S153	NPC	C2
4F03	74S153	74S153	NPC	C3
4F04	74S153	74S153	NPC	C4
4F05	74S153	74S153	NPC	C5
4F06	25S07	25S07	I PC	B4
4F07	25S07	25S07	I PC	B3
4F08	25S07	25S07	I PC	B1
4F09	74S280	74S280	DSPCII	B1
4F10	74S280	74S280	DSPCII	B3
4F10001	CAP	BYPASS	CAPS	D1
4F11	25S09	25S09	SPCW	D3
4F12	25S09	25S09	SPCW	D4
4F13	25S09	25S09	SPCW	D6
4F14	25S09	25S09	SPCW	D8
4F15	74S157	74S157	SPCW	C1
4F16	93S48	93S48	SPCPAR	C1
4F17	93S48	93S48	SPCPAR	C3
4F18	74S373	74S373	SPCLCH	B1
4F19	74S373	74S373	SPCLCH	B2
4F20	74S373	74S373	SPCLCH	B4
4F21	93S48	93S48	SPCPAR	C5
4F23	74S169	74S169	SPC	B6

CADR PROCFSSOR CADRWD;CADR4 WLR 29-FEB-80 1945

LOC	DIPTYPE	BODY	FILE	POS
4F24	82S21	82S21	SPC	B1
4F25	82S21	82S21	SPC	B2
4F26	93S48	93S48	SPCPAR	C7
4F28	74S169	74S169	SPC	B8
4F29	82S21	82S21	SPC	D1
4F30	82S21	82S21	SPC	D2
1AJ1	CON			
1BJ1	CON			
1CJ1	CON			
2FJ1	CON			
3AJ1	CON			
3CJ1	CON			
3DJ1	CON			
3FJ1	CON			
3GJ1	CON			
4BJ1	CON			
4CJ1	CON			
4DJ1	CON			
4FJ1	CON			

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WIR

29-FEB-80 1945

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
GND	1A08001-01	\	%G							CAP	C2
	1A08001-02	.1	%G			BARE		CAP	BYPASS	CAPS	C2
	1A08-10	!			1.2						
					-530.96/0.0	2.8					
	1A16-04	.	II	-0.40	0.5		IN2	74S241	74S241	LC	D3
	1A16-10	!			1.0						
					-530.96/0.0						
	1A26-07(09)	.	II	-2.0	0.5		-ENBP	74S169	74S169	LC	B2
	1A26-10	!			BARE						
					-530.96/0.0						
	1A27-15(17)	.	II	-2.0	0.5		-FNB	74S258	74S258	VMAS	B3
	1A27-10	!			1.1						
					-530.96/0.0						
	1A28-15(17)	.	II	-2.0	0.5		-FNB	74S258	74S258	MDS	B3
	1A28-10	!			1.1						
					-530.96/0.0						
	1A29-10	.									
	1A29-05(07)	.1	II	-2.0	0.5	.7	IN0	74S258	74S258	VMAS	B1
	1A29-02(04)	.1	II	-2.0	0.5	.7	IN0	74S258	74S258	VMAS	B1
	1A29-15(17)	.1	II	-2.0	0.5	.7	-FNB	74S258	74S258	VMAS	B1
	1A29-14(16)	.1	II	-2.0	0.5	BARE	IN0	74S258	74S258	VMAS	B1
	1A29-11(13)	!	II	-2.0	0.5	.7	IN0	74S258	74S258	VMAS	B1
					-530.96/0.0	8.9					
	1A30-15(17)	.	II	-2.0	0.5		-FNB	74S258	74S258	MDS	B1
	1A30-10	!			1.1						
					-530.96/0.0						
	1B01-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	B5
	1B01-10	!			1.1						
					-530.96/0.0						
	1B02-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	B4
	1B02-10	!			1.1						
					-530.96/0.0						
	1B03-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	B3
	1B03-10	!			1.1						
					-530.96/0.0						
	1B04-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	B3
	1B04-10	!			1.1						
					-530.96/0.0						
	1B06-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	D3
	1B06-10	!			1.1						
					-530.96/0.0						
	1B07-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	D3
	1B07-10	!			1.1						
					-530.96/0.0						
	1B08-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	B6
	1B08-10	!			1.1						
					-530.96/0.0						
	1B09-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	B6
	1B09-10	!			1.1						
					-530.96/0.0						
	1B11-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	D6
	1B11-10	!			1.1						
					-530.96/0.0						
	1B12-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	D6
	1B12-10	!			1.1						
					-530.96/0.0						
	1B13-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	D5
	1B13-10	!			1.1						
					-530.96/0.0						
	1B14-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	VMEM2	D4
	1B14-10	!			1.1						
					-530.96/0.0						
	1B15020-08(13)	.	%G					SIP220/330-8		SIP220/330-8	BCTERM B2
	1B15-10	!			.8						
					-530.96/0.0						
	1B16-01	.	II	-0.25	0.5		-OE	74S374	74S374	MD	B3
	1B16-10	!			1.3						
					-530.96/0.0						
	1B19001-01	\	%G					CAP	BYPASS	CAPS	C1
	1B19001-02	.1	%G			BARE		CAP	BYPASS	CAPS	C1
	1B19-10	!			1.2						
					-530.96/0.0	2.8					
	1B20020-08(13)	.	%G					SIP220/330-8		SIP220/330-8	BCTERM B5
	1B20-10	!			.8						
					-530.96/0.0						
	1B25020-08(13)	.	%G					SIP220/330-8		SIP220/330-8	BCTERM B8
	1B25-10	!			.8						
					-530.96/0.0						
	1B26-15(17)	.	II	-2.0	0.5		-FNB	74S258	74S258	VMAS	B5
	1B26-10	!			1.1						
					-530.96/0.0						
	1B27-15(17)	.	II	-2.0	0.5		-ENB	74S258	74S258	MDS	B5
	1B27-10	!			1.1						
					-530.96/0.0						
	1B28-07(09)	.	II	-2.0	0.5		-ENBP	74S169	74S169	LC	B3
	1B28-10	!			BARE						
					-530.96/0.0						
	1B29-15(17)	.	II	-2.0	0.5		-ENB	74S258	74S258	VMAS	B4
	1B29-10	!			1.1						
					-530.96/0.0						
	1B30-15(17)	.	II	-2.0	0.5		-FNB	74S258	74S258	MDS	B4
	1B30-10	!			1.1						

								-530.96/0.0											
1C01001-01	.	%G									CAP	BYPASS	CAPS	C5					
1C01001-02	.1	%G					BARE	.9	IN	74S280	74S280	VMEM	C5						
1C01-13(16)	.1	II	-2.0	0.5			BARE	.9	IN	74S280	74S280	VMEM	C7						
1C01-12(15)	.1	II	-2.0	0.5			BARE	.9	IN	74S280	74S280	VMEM	C7						
1C01-11(14)	.1	II	-2.0	0.5			BARE	.9	IN	74S280	74S280	VMEM	C7						
1C01-10	!																		
								-530.96/0.0	8.1										
1C02-10	\																		
1C02-10(13)	.1	II	-2.0	0.5			.8	IN	74S280	74S280	VMEM	D7							
1C02-11(14)	.1	II	-2.0	0.5			BARE	.8	IN	74S280	74S280	VMEM	D7						
1C02-12(15)	.1	II	-2.0	0.5			BARE	.8	IN	74S280	74S280	VMEM	D7						
1C02-13(16)	.1	II	-2.0	0.5			BARE	.8	IN	74S280	74S280	VMEM	D7						
								-530.96/0.0	5.6										
1C05-01(03)	.	II	-0.40	0.2					-CF	93425A	93425A	VMEM2	B2						
1C05-10	!																		
								-530.96/0.0											
1C10-01	\	II	-2.0	0.5					-FNB	74S240	74S240	VMEM2	D1						
1C10-19	.1	II	-2.0	0.5			.8	-FNB	74S240	74S240	VMEM2	D1							
1C10-10	!																		
								-530.96/0.0	3.6										
1C16-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	VMAS	D5						
1C16-10	!																		
								-530.96/0.0											
1C17-01	.	II	-0.25	0.5					-OE	74S374	74S374	MD	B8						
1C17-10	!																		
								-530.96/0.0											
1C18-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	VMAS	D4						
1C18-10	!																		
								-530.96/0.0											
1C19-01	.	II	-0.25	0.5					-OF	74S374	74S374	MD	B5						
1C19-10	!																		
								-530.96/0.0											
1C20-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	VMAS	D3						
1C20-10	!																		
								-530.96/0.0											
1C21-10	.																		
1C21-11(13)	.1	II	-2.0	0.5			.8	B3	74S283	74S283	ICC	D6							
1C21-15(17)	.1	II	-2.0	0.5			.8	B2	74S283	74S283	ICC	D6							
1C21-02(04)	.1	II	-2.0	0.5			.7	B1	74S283	74S283	ICC	D6							
								-530.96/0.0	5.3										
1C26-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	MDS	B6						
1C26-10	!																		
								-530.96/0.0											
1C28-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	VMAS	B8						
1C28-10	!																		
								-530.96/0.0											
1C29-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	MDS	B8						
1C29-10	!																		
								-530.96/0.0											
1C30-07(09)	.	II	-2.0	0.5					-FNB	74S169	74S169	LC	B4						
1C30-10	!																		
								-530.96/0.0											
1D01-01(03)	.	II	-0.40	0.2					-CF	93425A	93425A	VMEM1	B3						
1D01-10	!																		
								-530.96/0.0											
1D02-01(03)	.	II	-0.40	0.2					-CF	93425A	93425A	VMEM1	D3						
1D02-10	!																		
								-530.96/0.0											
1D06-01(03)	.	II	-0.40	0.2					-CF	93425A	93425A	VMEM1	D5						
1D06-10	!																		
								-530.96/0.0											
1D08-01	\	II	-2.0	0.5					-FNB	74S240	74S240	VMEM1	D1						
1D08-19	.1	II	-2.0	0.5			.8	-FNB	74S240	74S240	VMEM1	D1							
1D08-10	!																		
								-530.96/0.0	3.6										
1D11-01(03)	.	II	-0.40	0.2					-CF	93425A	93425A	VMEM1	D6						
1D11-10	!																		
								-530.96/0.0											
1D13-01	\	II	-2.0	0.5					-FNB	74S240	74S240	VMEM1	B1						
1D13-19	.1	II	-2.0	0.5			.8	-FNB	74S240	74S240	VMEM1	B1							
1D13-10	!																		
								-530.96/0.0	3.6										
1D14-01	.	II	-0.25	0.5					-OE	74S373	74S373	VMEMDR	D5						
1D14-10	!																		
								-530.96/0.0											
1D15-01	.	II	-0.25	0.5					-OE	74S373	74S373	VMEMDR	D8						
1D15-10	!																		
								-530.96/0.0											
1D19-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	VMAS	D6						
1D19-10	!																		
								-530.96/0.0											
1D20-01	.	II	-0.25	0.5					-OE	74S374	74S374	MD	B6						
1D20-10	!																		
								-530.96/0.0											
1D28001-01	\	%G									CAP	BYPASS	CAPS	C4					
1D28001-02	.1	%G					BARE			CAP	BYPASS	CAPS	C4						
1D28-10	!																		
								-530.96/0.0	2.8										
1D29-07(09)	.	II	-2.0	0.5					-FNB	74S169	74S169	LC	B6						
1D29-10	!																		
								-530.96/0.0											
1D30-15(17)	.	II	-2.0	0.5					-FNB	74S258	74S258	VMAS	B6						
1D30-10	!																		
								-530.96/0.0											
1F04-01(03)	.	II	-0.40	0.2					-CF	93425A	93425A	VMEM1	B3						

1F04-10	I		1.1							
			-530.96/0.0							
1F05-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	D3	
1F05-10	I		1.1							
			-530.96/0.0							
1F08-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	B4	
1F08-10	I		1.1							
			-530.96/0.0							
1F09-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	D4	
1F09-10	I		1.1							
			-530.96/0.0							
1F10-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	B5	
1F10-10	I		1.1							
			-530.96/0.0							
1F13-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	B6	
1F13-10	I		1.1							
			-530.96/0.0							
1F14-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	D6	
1F14-10	I		1.1							
			-530.96/0.0							
1F15-01(03)	.	II	-0.40 0.2		-CE	93425A	93425A	VMEM1	B6	
1F15-10	I		1.1							
			-530.96/0.0							
1F18-12(14)	.	II	-0.80 0.2		I	93S48	93S48	VMEMDR	D3	
1F18-10	I		.9							
			-530.96/0.0							
1F19-01	.	II	-0.25 0.5		-OE	74S374	74S374	MD	B2	
1F19-10	I		1.3							
			-530.96/0.0							
1F30-06(08)	\	II	-0.80 0.2		I	93S48	93S48	TRAP	B7	
1F30-07(09)	.I	II	-0.80 0.2	BARE	I	93S48	93S48	TRAP	B7	
1F30-10	I		BARE							
			-530.96/0.0	1.7						
1F01-17	\	II	-0.40 0.5		IN5	74S241	74S241	OPCD	D6	
1F01-15	.I	II	-0.40 0.5	.6	IN6	74S241	74S241	OPCD	D6	
1F01-13	.I	II	-0.40 0.5	.6	IN7	74S241	74S241	OPCD	D6	
1F01-11	.I	II	-0.40 0.5	.6	IN8	74S241	74S241	OPCD	D6	
1F01-10	.I		.7							
1F01-08	.I	II	-0.40 0.5	.6	IN4	74S241	74S241	OPCD	D6	
1F01-06	.I	II	-0.40 0.5	.6	IN3	74S241	74S241	OPCD	D6	
1F01-04	.I	II	-0.40 0.5	.6	IN2	74S241	74S241	OPCD	D6	
1F01-02	.I	II	-0.40 0.5	.6	IN1	74S241	74S241	OPCD	D6	
			-530.96/0.0	15.4						
1F02-17	\	II	-0.40 0.5		IN5	74S241	74S241	OPCD	D8	
1F02-15	.I	II	-0.40 0.5	.6	IN6	74S241	74S241	OPCD	D8	
1F02-13	.I	II	-0.40 0.5	.6	IN7	74S241	74S241	OPCD	D8	
1F02-11	.I	II	-0.40 0.5	.6	IN8	74S241	74S241	OPCD	D8	
1F02-10	.I		.7							
1F02-08	.I	II	-0.40 0.5	.6	IN4	74S241	74S241	OPCD	D8	
1F02-06	.I	II	-0.40 0.5	.6	IN3	74S241	74S241	OPCD	D8	
1F02-04	.I	II	-0.40 0.5	.6	IN2	74S241	74S241	OPCD	D8	
1F02-02	.I	II	-0.40 0.5	.6	IN1	74S241	74S241	OPCD	D8	
			-530.96/0.0	15.4						
1F03-02	\	II	-0.40 0.5		IN1	74S241	74S241	OPCD	B2	
1F03-04	.I	II	-0.40 0.5	.6	IN2	74S241	74S241	OPCD	B2	
1F03-17	.I	II	-0.40 0.5	.7	IN5	74S241	74S241	OPCD	B2	
1F03-15	.I	II	-0.40 0.5	.6	IN6	74S241	74S241	OPCD	B2	
1F03-13	.I	II	-0.40 0.5	.6	IN7	74S241	74S241	OPCD	B2	
1F03-11	.I	II	-0.40 0.5	.6	IN8	74S241	74S241	OPCD	B2	
1F03-10	.I		.7							
			-530.96/0.0	11.3						
1F04-13	\	II	-0.40 0.5		IN7	74S241	74S241	OPCD	B4	
1F04-11	.I	II	-0.40 0.5	.6	IN8	74S241	74S241	OPCD	B4	
1F04-10	.I		.7							
			-530.96/0.0	2.8						
1F05001-01	\	%G				CAP	BYPASS	CAPS	C8	
1F05001-02	.I	%G		BARE		CAP	BYPASS	CAPS	C8	
1F05-10	I		1.2							
			-530.96/0.0	2.8						
1F12-01	.	II	-0.25 0.5		-OF	74S374	74S374	IWR	D1	
1F12-10	I		1.3							
			-530.96/0.0							
1F14-01	.	II	-0.25 0.5		-OF	74S374	74S374	IWR	D2	
1F14-10	I		1.3							
			-530.96/0.0							
1F30001-01	\	%G				CAP	BYPASS	CAPS	C7	
1F30001-02	.I	%G		BARE		CAP	BYPASS	CAPS	C7	
1F30-10	I		1.2							
			-530.96/0.0	2.8						
2A03-12(16)	.	%G				74S181	74S181	ALU1	D1	
2A03-10	I		1.0							
			-530.96/0.0							
2A04001-01	\	%G				CAP	BYPASS	CAPS	A2	
2A04001-02	.I	%G		BARE		CAP	BYPASS	CAPS	A2	
2A04-10	I		1.2							
			-530.96/0.0	2.8						
2A08-12(16)	.	%G				74S181	74S181	AI U1	D3	
2A08-10	I		1.0							
			-530.96/0.0							
2A09-07(09)	.	II	-2.0 0.5		-ENB	74S151	74S151	MO1	B1	
2A09-10	I		BARE							
			-530.96/0.0							
2A10-07(09)	.	II	-2.0 0.5		-ENB	74S151	74S151	MO1	B2	
2A10-10	I		BARE							
			-530.96/0.0							
2A13-12(16)	.	%G				74S181	74S181	ALU1	D6	

2A13-10	I		1.0							
			-530.96/0.0							
2A14-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO1	B3
2A14-10	I			BARE						
			-530.96/0.0							
2A15-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO1	B4
2A15-10	I			BARE						
			-530.96/0.0							
2A23-12(16)		%G					74S181	74S181	AIU0	D2
2A23-10	I		1.0							
			-530.96/0.0							
2A24-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO0	B1
2A24-10	I			BARE						
			-530.96/0.0							
2A25-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO0	B2
2A25-10	I			BARE						
			-530.96/0.0							
2A28-12(16)		%G					74S181	74S181	AIU0	D5
2A28-10	I		1.0							
			-530.96/0.0							
2A29-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO0	B3
2A29-10	I			BARE						
			-530.96/0.0							
2A30-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO0	B4
2A30-10	I			BARE						
			-530.96/0.0							
2B01-15(17)		II	-2.0	0.5		-FNB	74S258	74S258	VMAS	B7
2B01-10	I			1.1						
			-530.96/0.0							
2B02-15(17)		II	-2.0	0.5		-FNB	74S258	74S258	MDS	B7
2B02-10	I			1.1						
			-530.96/0.0							
2B03-07(09)		II	-2.0	0.5		-FNBP	74S169	74S169	LC	B1
2B03-10	I			BARE						
			-530.96/0.0							
2B04-10										
2B04-05(07)	I	II	-2.0	0.5	.7	INO	74S258	74S258	VMAS	B2
2B04-02(04)	I	II	-2.0	0.5	.7	INO	74S258	74S258	VMAS	B2
2B04-15(17)	I	II	-2.0	0.5	.7	-FNB	74S258	74S258	VMAS	B2
2B04-14(16)	I	II	-2.0	0.5		INO	74S258	74S258	VMAS	B2
2B04-11(13)	I	II	-2.0	0.5	.7	INO	74S258	74S258	VMAS	B2
			-530.96/0.0		8.9					
2B05-15(17)		II	-2.0	0.5		-ENB	74S258	74S258	MDS	B2
2B05-10	I			1.1						
			-530.96/0.0							
2B08-12(16)		%G					74S181	74S181	AIU1	D4
2B08-10	I		1.0							
			-530.96/0.0							
2B09-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO1	D1
2B09-10	I			BARE						
			-530.96/0.0							
2B10-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO1	D2
2B10-10	I			BARE						
			-530.96/0.0							
2B13-12(16)		%G					74S181	74S181	AIU1	D8
2B13-10	I		1.0							
			-530.96/0.0							
2B14-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO1	D3
2B14-10	I			BARE						
			-530.96/0.0							
2B15-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO1	D4
2B15-10	I			BARE						
			-530.96/0.0							
2B16-10	\									
2B16-05(07)	I	II	-2.0	0.5	.7	D1	74S153	74S153	AIUC4	D4
2B16-03(05)	I	II	-2.0	0.5	.6	D3	74S153	74S153	AIUC4	D4
2B16-01(03)	I	II	-2.0	0.5	.6	-FNB	74S153	74S153	AIUC4	D4
2B16-15(17)	I	II	-2.0	0.5	.8	-FNB	74S153	74S153	AIUC4	D4
2B16-13(15)	I	II	-2.0	0.5	.6	D3	74S153	74S153	AIUC4	D4
2B16-12(14)	I	II	-2.0	0.5		BARE	D2	74S153	74S153	AIUC4
			-530.96/0.0		10.9					
2B17-01(03)	\	II	-2.0	0.5		-FNB	74S153	74S153	AIUC4	D5
2B17-03(05)	I	II	-2.0	0.5	.6	D3	74S153	74S153	AIUC4	D5
2B17-04(06)	I	II	-2.0	0.5		BARE	D2	74S153	74S153	AIUC4
2B17-15(17)	I	II	-2.0	0.5	.8	-ENB	74S153	74S153	AIUC4	D5
2B17-13(15)	I	II	-2.0	0.5	.6	D3	74S153	74S153	AIUC4	D5
2B17-11(13)	I	II	-2.0	0.5	.6	D1	74S153	74S153	AIUC4	D5
2B17-10	I			.8						
			-530.96/0.0		11.0					
2B18-10	\									
2B18-13(15)	I	II	-2.0	0.5	.9	D3	74S153	74S153	AIUC4	D6
2B18-15(17)	I	II	-2.0	0.5	.6	-FNB	74S153	74S153	AIUC4	D6
2B18-03(05)	I	II	-2.0	0.5	.8	D3	74S153	74S153	AIUC4	D6
2B18-01(03)	I	II	-2.0	0.5	.6	-FNB	74S153	74S153	AIUC4	D6
			-530.96/0.0		7.4					
2B19001-01	\	%G					CAP	BYPASS	CAPS	A1
2B19001-02	I	%G					CAP	BYPASS	CAPS	A1
2B19-10	I		1.2							
			-530.96/0.0		2.3					
2B23-12(16)		%G					74S181	74S181	ALU0	D3
2B23-10	I		1.0							
			-530.96/0.0							
2B24-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO0	D1
2B24-10	I			BARE						
			-530.96/0.0							
2B25-07(09)		II	-2.0	0.5		-FNB	74S151	74S151	MO0	D2

2B25-10	!		BARE						
			-530.96/0.0						
2B28-12(16)	.	%G			74S181	74S181	ALU0	D7	
2B28-10	!		1.0						
			-530.96/0.0						
2B29-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	D3
2B29-10	!		BARE						
			-530.96/0.0						
2B30-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	D4
2B30-10	!		BARE						
			-530.96/0.0						
2C01-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT1	D1
2C01-10	!		.9						
			-530.96/0.0						
2C02001-01	\	%G				CAP	BYPASS	CAPS	A5
2C02001-02	!	%G			BARE	CAP	BYPASS	CAPS	A5
2C02-10	!		1.2						
			-530.96/0.0	2.8					
2C05-07(09)	.	II	-2.0	0.5	-ENBP	74S169	74S169	IC	B7
2C05-10	!		BARE						
			-530.96/0.0						
2C06-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT1	B1
2C06-10	!		.9						
			-530.96/0.0						
2C09-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	B5
2C09-10	!		BARE						
			-530.96/0.0						
2C14-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	B8
2C14-10	!		BARE						
			-530.96/0.0						
2C19-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	B5
2C19-10	!		BARE						
			-530.96/0.0						
2C21-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT0	D1
2C21-10	!		.9						
			-530.96/0.0						
2C24-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	B6
2C24-10	!		BARE						
			-530.96/0.0						
2C26-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT0	B1
2C26-10	!		.9						
			-530.96/0.0						
2C29-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	D5
2C29-10	!		BARE						
			-530.96/0.0						
2C30-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	D6
2C30-10	!		BARE						
			-530.96/0.0						
2D04-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	B6
2D04-10	!		BARE						
			-530.96/0.0						
2D05-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT1	D2
2D05-10	!		.9						
			-530.96/0.0						
2D09-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	B7
2D09-10	!		BARE						
			-530.96/0.0						
2D10-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT1	B2
2D10-10	!		.9						
			-530.96/0.0						
2D11-15(17)	.	II	-1.0	0.10	-CE	5600	5600	MSKG4	B4
2D11-10	!		1.1						
			-530.96/0.0						
2D12-15(17)	.	II	-1.0	0.10	-CE	5600	5600	MSKG4	D4
2D12-10	!		1.1						
			-530.96/0.0						
2D13-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	D5
2D13-10	!		BARE						
			-530.96/0.0						
2D14-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	D6
2D14-10	!		BARE						
			-530.96/0.0						
2D16-15(17)	.	II	-1.0	0.10	-CE	5600	5600	MSKG4	B2
2D16-10	!		1.1						
			-530.96/0.0						
2D17-15(17)	.	II	-1.0	0.10	-CE	5600	5600	MSKG4	D2
2D17-10	!		1.1						
			-530.96/0.0						
2D18001-01	.	%G				CAP	BYPASS	CAPS	A4
2D18001-02	!	%G			BARE	CAP	BYPASS	CAPS	A4
2D18-07(09)	.	II	-2.0	0.5	1.1 -ENB	74S151	74S151	M01	D7
2D18-10	!		BARE	4.3					
			-530.96/0.0						
2D19-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M01	D8
2D19-10	!		BARE						
			-530.96/0.0						
2D23-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	B7
2D23-10	!		BARE						
			-530.96/0.0						
2D24-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	B8
2D24-10	!		BARE						
			-530.96/0.0						
2D25-13(15)	.	II	-2.0	0.5	-OE	25S10	25S10	SHIFT0	D2
2D25-10	!		.9						
			-530.96/0.0						
2D28-07(09)	.	II	-2.0	0.5	-ENB	74S151	74S151	M00	D7

2D28-10	!		BARE						
			-530.96/0.0						
2D29-07(09)	. II		-2.0 0.5		-ENB	74S151	74S151	MOO	D8
2D29-10	!		BARE						
			-530.96/0.0						
2D30-13(15)	. II		-2.0 0.5		-OE	25S10	25S10	SHIFT0	B2
2D30-10	!		.9						
			-530.96/0.0						
2F11-15(17)	. II		-1.0 0.10		-CE	5600	5600	MSKG4	B3
2F11-10	!		1.1						
			-530.96/0.0						
2F12-15(17)	. II		-1.0 0.10		-CE	5600	5600	MSKG4	D3
2F12-10	!		1.1						
			-530.96/0.0						
2F16-15(17)	. II		-1.0 0.10		-CE	5600	5600	MSKG4	B1
2F16-10	!		1.1						
			-530.96/0.0						
2F17-15(17)	. II		-1.0 0.10		-CE	5600	5600	MSKG4	D1
2F17-10	!		1.1						
			-530.96/0.0						
2F25-07(09)	. II		-2.0 0.5		CIN	74S283	74S283	SMCTL	D7
2F25-10	!		BARE						
			-530.96/0.0						
2F05001-01	\	%G				CAP	BYPASS	CAPS	A8
2F05001-02	.!	%G		BARE		CAP	BYPASS	CAPS	A8
2F05-10	!		1.2						
			-530.96/0.0	2.8					
2F22-10	.								
2F22-13(15)	.! II		-1.0 0.10	.9	A3	5610	5610	DSPCTL	D1
2F22-14(16)	.! II		-1.0 0.10	BARE	A4	5610	5610	DSPCTL	D1
2F22-15(17)	! II		-1.0 0.10	BARE	-CE	5610	5610	DSPCTL	D1
			-530.96/0.0	4.1					
2F23-01	. II		-2.0 0.5		-ENB	74S241	74S241	DRAM1	D3
2F23-10	!		1.3						
			-530.96/0.0						
2F25-01	. II		-2.0 0.5		-ENB	74S241	74S241	DRAM0	D3
2F25-10	!		1.3						
			-530.96/0.0						
2F30001-01	\	%G				CAP	BYPASS	CAPS	A6
2F30001-02	.!	%G		BARE		CAP	BYPASS	CAPS	A6
2F30-10	!		1.2						
			-530.96/0.0	2.8					
3A06-10	.								
3A06-15(17)	.! II		-2.0 0.5	1.1	-ENB	74S258	74S258	ACTL	D6
3A06001-02	.! II	%G		.8	CAP	BYPASS	CAPS	B6	
3A06001-01	! II	%G		BARE	CAP	BYPASS	CAPS	B6	
			-530.96/0.0	5.0					
3A07-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM0	D3
3A07-10	!		1.1						
			-530.96/0.0						
3A08-01(03)	. II		-0.40 0.2		-CF	93425A	93425A	AMEM0	D4
3A08-10	!		1.1						
			-530.96/0.0						
3A09-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM0	D6
3A09-10	!		1.1						
			-530.96/0.0						
3A10-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM0	D8
3A10-10	!		1.1						
			-530.96/0.0						
3A11-01(03)	. II		-0.40 0.2		-CF	93425A	93425A	AMEM0	D2
3A11-10	!		1.1						
			-530.96/0.0						
3A12-15(17)	. II		-2.0 0.5		-ENB	74S258	74S258	ACTL	D5
3A12-10	!		1.1						
			-530.96/0.0						
3A13-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM0	D4
3A13-10	!		1.1						
			-530.96/0.0						
3A14-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM0	D5
3A14-10	!		1.1						
			-530.96/0.0						
3A15-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM0	D7
3A15-10	!		1.1						
			-530.96/0.0						
3A16-15(17)	. II		-2.0 0.5		-ENB	74S258	74S258	ACTL	D3
3A16-10	!		1.1						
			-530.96/0.0						
3A17-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM1	D2
3A17-10	!		1.1						
			-530.96/0.0						
3A18-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM1	D4
3A18-10	!		1.1						
			-530.96/0.0						
3A19-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM1	D6
3A19-10	!		1.1						
			-530.96/0.0						
3A20-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM1	D8
3A20-10	!		1.1						
			-530.96/0.0						
3A21-15(17)	. II		-2.0 0.5		-ENB	74S258	74S258	ACTL	D1
3A21-10	!		1.1						
			-530.96/0.0						
3A22-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM1	D1
3A22-10	!		1.1						
			-530.96/0.0						
3A23-01(03)	. II		-0.40 0.2		-CE	93425A	93425A	AMEM1	D3

3A23-10	I		1.1						
			-530.96/0.0						
3A24-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	D5
3A24-10	I		1.1						
			-530.96/0.0						
3A25-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	D7
3A25-10	I		1.1						
			-530.96/0.0						
3A28-13(15)	.	II	-0.80	0.2	I	93S48	93S48	APAR	B5
3A28-10	I		.9						
			-530.96/0.0						
3B06-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B1
3B06-10	I		1.1						
			-530.96/0.0						
3B07-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B3
3B07-10	I		1.1						
			-530.96/0.0						
3B08-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B4
3B08-10	I		1.1						
			-530.96/0.0						
3B09-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B6
3B09-10	I		1.1						
			-530.96/0.0						
3B10-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B8
3B10-10	I		1.1						
			-530.96/0.0						
3B11-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B2
3B11-10	I		1.1						
			-530.96/0.0						
3B12-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B4
3B12-10	I		1.1						
			-530.96/0.0						
3B13-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B5
3B13-10	I		1.1						
			-530.96/0.0						
3B14-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM0	B7
3B14-10	I		1.1						
			-530.96/0.0						
3B15-15(17)	.	II	-2.0	0.5	-FNB	74S258	74S258	AC II	D4
3B15-10	I		1.1						
			-530.96/0.0						
3B17-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B2
3B17-10	I		1.1						
			-530.96/0.0						
3B18-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B4
3B18-10	I		1.1						
			-530.96/0.0						
3B19-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B6
3B19-10	I		1.1						
			-530.96/0.0						
3B20-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B8
3B20-10	I		1.1						
			-530.96/0.0						
3B22-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B1
3B22-10	I		1.1						
			-530.96/0.0						
3B23-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B3
3B23-10	I		1.1						
			-530.96/0.0						
3B24-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B5
3B24-10	I		1.1						
			-530.96/0.0						
3B25-01(03)	.	II	-0.40	0.2	-CE	93425A	93425A	AMEM1	B7
3B25-10	I		1.1						
			-530.96/0.0						
3B27-15(17)	\	II	-2.0	0.5		B5	93S46	93S46	AC II
3B27-14(16)	.I	II	-2.0	0.5	BARE	A5	93S46	93S46	AC II
3B27-10	I		1.0						
			-530.96/0.0		2.6				
3B28-12(14)	.	II	-2.0	0.5		D2B	25S09	25S09	AC II
3B28-04(06)	.I	II	-2.0	0.5	.8	D0B	25S09	25S09	AC II
3B28-05(07)	.I	II	-2.0	0.5	BARE	D1B	25S09	25S09	AC II
3B28-10	I		.7						
			-530.96/0.0		4.6				
3B29-12(14)	\	II	-2.0	0.5		D2B	25S09	25S09	AC II
3B29-13(15)	.I	II	-2.0	0.5	BARE	D3B	25S09	25S09	AC II
3B29-10	I		.9						
			-530.96/0.0		2.5				
3B30001-01	\	%G					CAP	BYPASS	CAPS
3B30001-02	.I	%G			BARE		CAP	BYPASS	CAPS
3B30-10	I		1.2						
			-530.96/0.0		2.8				
3C21-07(09)	.	II	-2.0	0.5	-FNBP	74S169	74S169	PDI PTR	C8
3C21-10	I		BARE						
			-530.96/0.0						
3C26-01	.	II	-0.25	0.5	-OE	74S374	74S374	L	B7
3C26-10	I		1.3						
			-530.96/0.0						
3C27-01	.	II	-0.25	0.5	-OE	74S374	74S374	L	B5
3C27-10	I		1.3						
			-530.96/0.0						
3C28-01	.	II	-0.25	0.5	-OE	74S374	74S374	L	B3
3C28-10	I		1.3						
			-530.96/0.0						
3C29-01	.	II	-0.25	0.5	-OE	74S374	74S374	L	B1
3C29-10	I		1.3						

3D06-06(08)	.	TI	-530.96/0.0		D1A	25S09	25S09	IREG	B2		
3D06-10	I		-2.0 0.5								
			.6								
			-530.96/0.0								
3D10001-01	\	%G				CAP	BYPASS	CAPS	B4		
3D10001-02	.I	%G		BARE		CAP	BYPASS	CAPS	B4		
3D10-10	I		1.2								
			-530.96/0.0	2.8							
3D23-05(07)	.	TI	-2.0 0.5		G2B	74S138	74S138	SOURCE	B5		
3D23-10	I		.7								
			-530.96/0.0								
3D24-07(09)	.	TI	-2.0 0.5		-FNBP	74S169	74S169	PDI PTR	C6		
3D24-10	I		BARE								
			-530.96/0.0								
3D28001-01	\	%G				CAP	BYPASS	CAPS	B5		
3D28001-02	.I	%G		BARE		CAP	BYPASS	CAPS	B5		
3D28-10	I		1.2								
			-530.96/0.0	2.8							
3D30-07(09)	.	TI	-2.0 0.5		-FNBP	74S169	74S169	PDI PTR	C5		
3D30-10	I		BARE								
			-530.96/0.0								
3F08-08	.	TI	-0.36 0.2		-OF.Y	25LS2519		25LS2519	FLAG	D2	
3F08-10	I		.6								
			-530.96/0.0								
3F13-07(09)	.	TI	-2.0 0.5		-FNB	74S151	74S151	FLAG	D7		
3F13-10	I		BARE								
			-530.96/0.0								
3F05001-01	\	%G				CAP	BYPASS	CAPS	B1		
3F05001-02	.I	%G		BARE		CAP	BYPASS	CAPS	B1		
3F05-10	I		1.2								
			-530.96/0.0	2.8							
3F12-01	.	TI	-2.0 0.5		-FNB	74S241	74S241	DSPCTL	D6		
3F12-10	I		1.3								
			-530.96/0.0								
3F13-01	.	TI	-2.0 0.5		-FNB	74S241	74S241	DSPCTL	D8		
3F13-10	I		1.3								
			-530.96/0.0								
3F16-09(12)	\	TI	-2.0 0.5			74S64	74S64	VCII 1	D8		
3F16-10(13)	.I	TI	(-2.0) 0.5	BARE		74S64	74S64	VCII 1	D8		
3F16-10	I		.8								
			-530.96/0.0	2.4							
3F22-01(03)	.	TI	-0.80 0.2		I	93S48	93S48	IPAR	C8		
3F22-02(04)	.I	TI	-0.80 0.2	BARE	I	93S48	93S48	IPAR	C8		
3F22-03(05)	.I	TI	-0.80 0.2	BARE	I	93S48	93S48	IPAR	C8		
3F22-04(06)	.I	TI	-0.80 0.2	BARE	I	93S48	93S48	IPAR	C8		
3F22-05(07)	.I	TI	-0.80 0.2	BARE	I	93S48	93S48	IPAR	C8		
3F22-06(08)	.I	TI	-0.80 0.2	BARE	I	93S48	93S48	IPAR	C8		
3F22-07(09)	.I	TI	-0.80 0.2	BARE	I	93S48	93S48	IPAR	C8		
3F22-10	I		BARE								
			-530.96/0.0	9.7							
3F26-02(04)	\	TI	-2.0 0.5		B1	74S283	74S283	NPC	D4		
3F26-15(17)	.I	TI	-2.0 0.5	.7	B2	74S283	74S283	NPC	D4		
3F26-11(13)	.I	TI	-2.0 0.5	.8	B3	74S283	74S283	NPC	D4		
3F26-06(08)	.I	TI	-2.0 0.5	.7	B0	74S283	74S283	NPC	D4		
3F26-10	I		.6								
			-530.96/0.0	7.3							
3F27-02(04)	\	TI	-2.0 0.5		B1	74S283	74S283	NPC	D5		
3F27-15(17)	.I	TI	-2.0 0.5	.7	B2	74S283	74S283	NPC	D5		
3F27-11(13)	.I	TI	-2.0 0.5	.8	B3	74S283	74S283	NPC	D5		
3F27-06(08)	.I	TI	-2.0 0.5	.7	B0	74S283	74S283	NPC	D5		
3F27-10	I		.6								
			-530.96/0.0	7.3							
3F28-02(04)	\	TI	-2.0 0.5		B1	74S283	74S283	NPC	D7		
3F28-15(17)	.I	TI	-2.0 0.5	.7	B2	74S283	74S283	NPC	D7		
3F28-11(13)	.I	TI	-2.0 0.5	.8	B3	74S283	74S283	NPC	D7		
3F28-06(08)	.I	TI	-2.0 0.5	.7	B0	74S283	74S283	NPC	D7		
3F28-10	I		.6								
			-530.96/0.0	7.3							
3F29-02(04)	\	TI	-2.0 0.5		B1	74S283	74S283	NPC	D8		
3F29-15(17)	.I	TI	-2.0 0.5	.7	B2	74S283	74S283	NPC	D8		
3F29-11(13)	.I	TI	-2.0 0.5	.8	B3	74S283	74S283	NPC	D8		
3F29-06(08)	.I	TI	-2.0 0.5	.7	B0	74S283	74S283	NPC	D8		
3F29-10	I		.6								
			-530.96/0.0	7.3							
3F30001-01	\	%G				CAP	BYPASS	CAPS	B2		
3F30001-02	.I	%G		BARE		CAP	BYPASS	CAPS	B2		
3F30-10	I		1.2								
			-530.96/0.0	2.8							
4A07-13	.	TI	-0.25 0.5		D4	74S373	74S373	SPCLCH	B5		
4A07-10	.I		.8								
			-0.25 0.5	.6	D3	74S373	74S373	SPCLCH	B5		
4A07-08	.I	TI	-0.25 0.5	BARE	D2	74S373	74S373	SPCLCH	B5		
4A07-07	.I	TI	-0.25 0.5	.7	D1	74S373	74S373	SPCLCH	B5		
4A07-04	.I	TI	-0.25 0.5	BARE	D0	74S373	74S373	SPCLCH	B5		
4A07-03	.I	TI	-0.25 0.5	8.3							
			-530.96/0.0								
4A16-15(17)	.	TI	-2.0 0.5		-FNB	74S258	74S258	MCTL	D2		
4A16-10	I		1.1								
			-530.96/0.0								
4A17001-01	\	%G				CAP	BYPASS	CAPS	D8		
4A17001-02	.I	%G		BARE		CAP	BYPASS	CAPS	D8		
4A17-10	I		1.2								
			-530.96/0.0	2.8							
4A18-15(17)	.	TI	-2.0 0.5		-FNB	74S258	74S258	MCTL	D4		
4A18-10	I		1.1								
			-530.96/0.0								
4A21-15(17)	\	TI	-1.60 0.2		-WE1	82S21	82S21	MMFM	B8		

4A21-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B8
4A21-10	I			1.0						
				-530.96/0.0	3.2					
4A22-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D3
4A22-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D3
4A22-10	I			1.0						
				-530.96/0.0	3.2					
4A23-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D4
4A23-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D4
4A23-10	I			1.0						
				-530.96/0.0	3.2					
4A24-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D6
4A24-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D6
4A24-10	I			1.0						
				-530.96/0.0	3.2					
4A25-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D8
4A25-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D8
4A25-10	I			1.0						
				-530.96/0.0	3.2					
4A26-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B7
4A26-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B7
4A26-10	I			1.0						
				-530.96/0.0	3.2					
4A27-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D2
4A27-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D2
4A27-10	I			1.0						
				-530.96/0.0	3.2					
4A28-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D4
4A28-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D4
4A28-10	I			1.0						
				-530.96/0.0	3.2					
4A29-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D5
4A29-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D5
4A29-10	I			1.0						
				-530.96/0.0	3.2					
4A30-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	D7
4A30-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	D7
4A30-10	I			1.0						
				-530.96/0.0	3.2					
4B01-01	.	II	-0.25	0.5		-OE	74S374	74S374	IWR	D6
4B01-10	I			1.3						
				-530.96/0.0						
4B06-01	.	II	-0.25	0.5		-OE	74S374	74S374	IWR	D8
4B06-10	I			1.3						
				-530.96/0.0						
4B10-02	.	II	-0.40	0.5		IN1	74S241	74S241	SPCLCH	D8
4B10-04	.1	II	-0.40	0.5	.6	IN2	74S241	74S241	SPCLCH	D8
4B10-06	.1	II	-0.40	0.5	.6	IN3	74S241	74S241	SPCLCH	D8
4B10-10	I			.8						
				-530.96/0.0	5.0					
4B14001-01	\	%G					CAP	BYPASS	CAPS	D7
4B14001-02	.1	%G			BARE		CAP	BYPASS	CAPS	D7
4B14-10	I			1.2						
				-530.96/0.0	2.8					
4B15-13(15)	.	II	-0.80	0.2		I	93S48	93S48	APAR	D5
4B15-10	I			.9						
				-530.96/0.0						
4B19-15(17)	.	II	-2.0	0.5		-FNR	74S258	74S258	MCII	D1
4B19-10	I			1.1						
				-530.96/0.0						
4B23-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B3
4B23-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B3
4B23-10	I			1.0						
				-530.96/0.0	3.2					
4B24-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B4
4B24-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B4
4B24-10	I			1.0						
				-530.96/0.0	3.2					
4B25-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B6
4B25-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B6
4B25-10	I			1.0						
				-530.96/0.0	3.2					
4B27-02(04)	.	II	-1.60	0.2		-WE0	82S21	82S21	MMFM	B1
4B27-10	I			1.0						
				-530.96/0.0						
4B28-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B2
4B28-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B2
4B28-10	I			1.0						
				-530.96/0.0	3.2					
4B29-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B4
4B29-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B4
4B29-10	I			1.0						
				-530.96/0.0	3.2					
4B30-15(17)	\	II	-1.60	0.2		-WE1	82S21	82S21	MMFM	B5
4B30-02(04)	.1	II	-1.60	0.2	.7	-WE0	82S21	82S21	MMFM	B5
4B30-10	I			1.0						
				-530.96/0.0	3.2					
4C02001-01	\	%G					CAP	BYPASS	CAPS	D4
4C02001-02	.1	%G			BARE		CAP	BYPASS	CAPS	D4
4C02-10	I			1.2						
				-530.96/0.0	2.8					
4C04-01	.	II	-0.25	0.5		-OE	74S374	74S374	IWR	D4
4C04-10	I			1.3						
				-530.96/0.0						
4C05-01	.	II	-0.25	0.5		-OE	74S374	74S374	IWR	D5
4C05-10	I			1.3						

4C09-14(16)	\	TI	-530.96/0.0		I	93S48	93S48	L	D7
4C09-13(15)	.1	TI	-0.80 0.2	BARE	I	93S48	93S48	L	D7
4C09-10	I		.9						
			-530.96/0.0	2.5					
4C10-01(03)		TI	-0.40 0.2		-CE	93425A	93425A	PDL0	B1
4C10-10	I		1.1						
			-530.96/0.0						
4C12-15(17)		TI	-2.0 0.5		-FNB	74S258	74S258	PDLCTL	B7
4C12-10	I		1.1						
			-530.96/0.0						
4C13-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B4
4C13-10	I		1.1						
			-530.96/0.0						
4C14-01(03)		TI	-0.40 0.2		-CE	93425A	93425A	PDL0	B5
4C14-10	I		1.1						
			-530.96/0.0						
4C15-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B6
4C15-10	I		1.1						
			-530.96/0.0						
4C16-15(17)		TI	-2.0 0.5		-FNB	74S258	74S258	PDLCTL	B4
4C16-10	I		1.1						
			-530.96/0.0						
4C17-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	D4
4C17-10	I		1.1						
			-530.96/0.0						
4C18-01(03)		TI	-0.40 0.2		-CE	93425A	93425A	PDL0	D4
4C18-10	I		1.1						
			-530.96/0.0						
4C19-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	D5
4C19-10	I		1.1						
			-530.96/0.0						
4C20-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	D6
4C20-10	I		1.1						
			-530.96/0.0						
4C21-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	B3
4C21-10	I		1.1						
			-530.96/0.0						
4C22-15(17)		TI	-2.0 0.5		-FNB	74S258	74S258	PDLCTL	B3
4C22-10	I		1.1						
			-530.96/0.0						
4C23-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	B4
4C23-10	I		1.1						
			-530.96/0.0						
4C24-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	B5
4C24-10	I		1.1						
			-530.96/0.0						
4C25-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	B6
4C25-10	I		1.1						
			-530.96/0.0						
4C26-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	D4
4C26-10	I		1.1						
			-530.96/0.0						
4C27-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	D5
4C27-10	I		1.1						
			-530.96/0.0						
4C28-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	D6
4C28-10	I		1.1						
			-530.96/0.0						
4C29-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	D7
4C29-10	I		1.1						
			-530.96/0.0						
4C30-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL1	D8
4C30-10	I		1.1						
			-530.96/0.0						
4D01-01		TI	-2.0 0.5		-FNB	74S241	74S241	IPC	B6
4D01-10	I		1.3						
			-530.96/0.0						
4D02-01		TI	-2.0 0.5		-ENB	74S241	74S241	IPC	B8
4D02-10	I		1.3						
			-530.96/0.0						
4D04-02	\	TI	-0.40 0.5		IN1	74S241	74S241	PDI PTR	C1
4D04-04	.1	TI	-0.40 0.5	.6	IN2	74S241	74S241	PDI PTR	C1
4D04-13	.1	TI	-0.40 0.5	.9	IN7	74S241	74S241	PDI PTR	C1
4D04-11	.1	TI	-0.40 0.5	.6	IN8	74S241	74S241	PDI PTR	C1
4D04-10	I		.7						
			-530.96/0.0	7.3					
4D11-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B2
4D11-10	I		1.1						
			-530.96/0.0						
4D12-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B3
4D12-10	I		1.1						
			-530.96/0.0						
4D13-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B4
4D13-10	I		1.1						
			-530.96/0.0						
4D14-15(17)		TI	-2.0 0.5		-FNB	74S258	74S258	PDLCTL	B6
4D14-10	I		1.1						
			-530.96/0.0						
4D16-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B7
4D16-10	I		1.1						
			-530.96/0.0						
4D17-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	B8
4D17-10	I		1.1						
			-530.96/0.0						
4D18-01(03)		TI	-0.40 0.2		-CF	93425A	93425A	PDL0	D2

4D18-10	!		1.1									
			-530.96/0.0									
4D19-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 0	D3		
4D19-10	!		1.1									
			-530.96/0.0									
4D21-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 0	D7		
4D21-10	!		1.1									
			-530.96/0.0									
4D22-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 0	D8		
4D22-10	!		1.1									
			-530.96/0.0									
4D23-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	B1		
4D23-10	!		1.1									
			-530.96/0.0									
4D24-10	.											
4D24-15(17)	!	TI	-2.0	0.5	1.1	-FNB	74S258	74S258	PDI CIL	B1		
4D24001-02	!	%G			.8		CAP	BYPASS	CAPS	D5		
4D24001-01	!	%G			BARE		CAP	BYPASS	CAPS	D5		
					5.0							
4D25-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	B2		
4D25-10	!		1.1									
			-530.96/0.0									
4D26-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	B7		
4D26-10	!		1.1									
			-530.96/0.0									
4D27-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	B8		
4D27-10	!		1.1									
			-530.96/0.0									
4D28-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	D1		
4D28-10	!		1.1									
			-530.96/0.0									
4D29-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	D2		
4D29-10	!		1.1									
			-530.96/0.0									
4D30-01(03)	.	TI	-0.40	0.2		-CF	93425A	93425A	PDI 1	D3		
4D30-10	!		1.1									
			-530.96/0.0									
4F04-01	.	TI	-0.25	0.5		-OF	74S374	74S374	NPC	D1		
4F04-10	!		1.3									
			-530.96/0.0									
4F05-01	.	TI	-0.25	0.5		-OF	74S374	74S374	NPC	D2		
4F05-10	!		1.3									
			-530.96/0.0									
4F06-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	LPC	D2		
4F06-10	!		1.1									
			-530.96/0.0									
4F07-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	LPC	D4		
4F07-10	!		1.1									
			-530.96/0.0									
4F08-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	LPC	D6		
4F08-10	!		1.1									
			-530.96/0.0									
4F09-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	LPC	D8		
4F09-10	!		1.1									
			-530.96/0.0									
4F11-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	SPCW	C3		
4F11-14(16)	!	TI	-2.0	0.5	BARE	INO	74S157	74S157	SPCW	C3		
4F11-11(13)	!	TI	-2.0	0.5	.7	INO	74S157	74S157	SPCW	C3		
4F11-10	!		.8									
			-530.96/0.0		4.6							
4F12-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	SPCW	C4		
4F12-10	!		1.1									
			-530.96/0.0									
4F13-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	SPCW	C6		
4F13-10	!		1.1									
			-530.96/0.0									
4F14-15(17)	.	TI	-4.0	0.10		-FNB	74S157	74S157	SPCW	C8		
4F14-10	!		1.1									
			-530.96/0.0									
4F21-15(17)	\	TI	-1.60	0.2		-WF1	82S21	82S21	SPC	B3		
4F21-02(04)	!	TI	-1.60	0.2	.7	-WF0	82S21	82S21	SPC	B3		
4F21-10	!		1.0									
			-530.96/0.0		3.2							
4F22-15(17)	\	TI	-1.60	0.2		-WF1	82S21	82S21	SPC	B4		
4F22-02(04)	!	TI	-1.60	0.2	.7	-WF0	82S21	82S21	SPC	B4		
4F22-10	!		1.0									
			-530.96/0.0		3.2							
4F23-15(17)	\	TI	-1.60	0.2		-WF1	82S21	82S21	SPC	B5		
4F23-02(04)	!	TI	-1.60	0.2	.7	-WF0	82S21	82S21	SPC	B5		
4F23-10	!		1.0									
			-530.96/0.0		3.2							
4F26-10	\											
4F26-15(17)	!	TI	-1.60	0.2	1.1	-WF1	82S21	82S21	SPC	D3		
4F26-02(04)	!	TI	-1.60	0.2	.7	-WF0	82S21	82S21	SPC	D3		
4F26001-02	!	%G			.6		CAP	BYPASS	CAPS	D2		
4F26001-01	!	%G			BARE		CAP	BYPASS	CAPS	D2		
					7.0							
4F27-15(17)	\	TI	-1.60	0.2		-WF1	82S21	82S21	SPC	D4		
4F27-02(04)	!	TI	-1.60	0.2	.7	-WF0	82S21	82S21	SPC	D4		
4F27-10	!		1.0									
			-530.96/0.0		3.2							
4F28-15(17)	\	TI	-1.60	0.2		-WF1	82S21	82S21	SPC	D5		
4F28-02(04)	!	TI	-1.60	0.2	.7	-WF0	82S21	82S21	SPC	D5		
4F28-10	!		1.0									
			-530.96/0.0		3.2							
4F10001-01	\	%G					CAP	BYPASS	CAPS	D1		

4F10001-02	.1	%G			BARE	CAP	BYPASS	CAPS	D1
4F10-10	!			1.2					
				-530.96/0.0	2.8				
4F15-10	\								
4F15-05(07)	.1	II	-2.0	0.5	.7	INO	74S157	74S157	SPCW C1
4F15-02(04)	.1	II	-2.0	0.5	.7	INO	74S157	74S157	SPCW C1
4F15-15(17)	.1	II	-4.0	0.10	.7	-FNB	74S157	74S157	SPCW C1
4F15-11(13)	!	II	-2.0	0.5	.8	INO	74S157	74S157	SPCW C1
				-530.96/0.0	7.4				
4F16-03(05)	.	II	-0.80	0.2		I	93S48	93S48	SPCPAR C1
4F16-04(06)	!.1	II	-0.80	0.2	BARE	I	93S48	93S48	SPCPAR C1
4F16-05(07)	.1	II	-0.80	0.2	BARE	I	93S48	93S48	SPCPAR C1
4F16-06(08)	.1	II	-0.80	0.2	BARE	I	93S48	93S48	SPCPAR C1
4F16-07(09)	.1	II	-0.80	0.2	BARE	I	93S48	93S48	SPCPAR C1
4F16-10	!			BARE					
				-530.96/0.0	6.5				
4F21-05(07)	.	II	-0.80	0.2		I	93S48	93S48	SPCPAR C5
4F21-06(08)	.1	II	-0.80	0.2	BARE	I	93S48	93S48	SPCPAR C5
4F21-07(09)	.1	II	-0.80	0.2	BARE	I	93S48	93S48	SPCPAR C5
4F21-10	!			BARE					
				-530.96/0.0	3.3				
4F23-07(09)	.	II	-2.0	0.5		-FNBP	74S169	74S169	SPC B6
4F23-10	!			BARE					
				-530.96/0.0					
4F24-15(17)	\	II	-1.60	0.2		-WF1	82S21	82S21	SPC B1
4F24-02(04)	.1	II	-1.60	0.2	.7	-WF0	82S21	82S21	SPC B1
4F24-10	!			1.0					
				-530.96/0.0	3.2				
4F25-15(17)	\	II	-1.60	0.2		-WF1	82S21	82S21	SPC B2
4F25-02(04)	.1	II	-1.60	0.2	.7	-WF0	82S21	82S21	SPC B2
4F25-10	!			1.0					
				-530.96/0.0	3.2				
4F28-07(09)	.	II	-2.0	0.5		-FNBP	74S169	74S169	SPC B8
4F28-10	!			BARE					
				-530.96/0.0					
4F29-15(17)	\	II	-1.60	0.2		-WF1	82S21	82S21	SPC D1
4F29-02(04)	.1	II	-1.60	0.2	.7	-WF0	82S21	82S21	SPC D1
4F29-10	!			1.0					
				-530.96/0.0	3.2				
4F30-15(17)	\	II	-1.60	0.2		-WF1	82S21	82S21	SPC D2
4F30-02(04)	.1	II	-1.60	0.2	.7	-WF0	82S21	82S21	SPC D2
4F30-10	!			1.0					
				-530.96/0.0	3.2				

CADR PROCFSSOR
SIGNAL NAME

CADRWD;CADR4 WIR

29-FEB-80 2019

	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USF	DIPTYPE	BODY	FILE	POS
+5.0V	1A08-14(17)	\	%IV	+5.0V	36.0MA			74S00	74S00	MD	C2
	1A08001-03(19)	.1	%IV	+5.0V	0.0MA	.6		CAP	BYPASS	CAPS	C2
	1A08-20	!			BARE						
					PWR/0.0						
	1A18-14(17)	.	%IV	+5.0V	36.0MA			74S00	74S00	LC	C1
	1A18-20	!			.7						
					PWR/0.0						
	1A26-16(18)	.	%IV	+5.0V	160.0MA			74S169	74S169	LC	B2
	1A26-20	!			.6						
					PWR/0.0						
	1A27-16(18)	.	%IV	+5.0V	87.0MA			74S258	74S258	VMAS	B3
	1A27-20	!			.6						
					PWR/0.0						
	1A28-16(18)	.	%IV	+5.0V	87.0MA			74S258	74S258	MDS	B3
	1A28-20	!			.6						
					PWR/0.0						
	1A29-16(18)	.	%IV	+5.0V	87.0MA			74S258	74S258	VMAS	B1
	1A29-20	!			.6						
					PWR/0.0						
	1A30-16(18)	.	%IV	+5.0V	87.0MA			74S258	74S258	MDS	B1
	1A30-20	!			.6						
					PWR/0.0						
	1B01-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	B5
	1B01-20	!			.6						
					PWR/0.0						
	1B02-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	B4
	1B02-20	!			.6						
					PWR/0.0						
	1B03-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	B3
	1B03-20	!			.6						
					PWR/0.0						
	1B04-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	B3
	1B04-20	!			.6						
					PWR/0.0						
	1B06-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	D3
	1B06-20	!			.6						
					PWR/0.0						
	1B07-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	D3
	1B07-20	!			.6						
					PWR/0.0						
	1B08-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	B6
	1B08-20	!			.6						
					PWR/0.0						
	1B09-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	B6
	1B09-20	!			.6						
					PWR/0.0						
	1B11-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	D6
	1B11-20	!			.6						
					PWR/0.0						
	1B12-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	D6
	1B12-20	!			.6						
					PWR/0.0						
	1B13-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	D5
	1B13-20	!			.6						
					PWR/0.0						
	1B14-16(18)	.	%IV	+5.0V	140.0MA			93425A	93425A	VMEM2	D4
	1B14-20	!			.6						
					PWR/0.0						
	1B15003-01(03)	.	%V	+5.0V	120.0MA			SIP220/330-8	SIP220/330-8	BCIERM	B1
	1B15-20	!			.8						
					PWR/0.0						
	1B17-16(18)	.	%IV	+5.0V	80.0MA			93S48	93S48	VMEM2	C8
	1B17-20	!			.6						
					PWR/0.0						
	1B18-14(17)	.	%IV	+5.0V	80.0MA			74S37	74S37	CI OCKD	A3
	1B18-20	!			.7						
					PWR/0.0						
	1B19-14(17)	\	%IV	+5.0V	54.0MA			74S04	74S04A	CI OCKD	B1
	1B19001-03(19)	.1	%IV	+5.0V	0.0MA	.6		CAP	BYPASS	CAPS	C1
	1B19-20	!			BARE						
					PWR/0.0						
	1B20003-01(03)	.	%V	+5.0V	120.0MA			SIP220/330-8	SIP220/330-8	BCIERM	B4
	1B20-20	!			.8						
					PWR/0.0						
	1B22-16(18)	.	%IV	+5.0V	144.0MA			25S07	25S07	VMA	B2
	1B22-20	!			.6						
					PWR/0.0						
	1B23-16(18)	.	%IV	+5.0V	144.0MA			25S07	25S07	VMA	B1
	1B23-20	!			.6						
					PWR/0.0						
	1B25003-01(03)	.	%V	+5.0V	120.0MA			SIP220/330-8	SIP220/330-8	BCIERM	B7
	1B25-20	!			.8						
					PWR/0.0						
	1B26-16(18)	.	%IV	+5.0V	87.0MA			74S258	74S258	VMAS	B5
	1B26-20	!			.6						
					PWR/0.0						
	1B27-16(18)	.	%IV	+5.0V	87.0MA			74S258	74S258	MDS	B5
	1B27-20	!			.6						
					PWR/0.0						
	1B28-16(18)	.	%IV	+5.0V	160.0MA			74S169	74S169	LC	B3
	1B28-20	!			.6						
					PWR/0.0						

1B29-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	VMAS	B4
1B29-20	!			.6				
				PWR/0.0				
1B30-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	MDS	B4
1B30-20	!			.6				
				PWR/0.0				
1C01-14(17)	\	%IV	+5.0V	94.0MA	74S280	74S280	VMEM0	C7
1C01001-03(19)	!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	C5
1C01-20	!			BARE				
				PWR/0.0				
1C02-14(17)	.	%IV	+5.0V	94.0MA	74S280	74S280	VMEM0	D7
1C02-20	!			.7				
				PWR/0.0				
1C03-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	VMEM1	C8
1C03-20	!			.6				
				PWR/0.0				
1C04-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	VMEM1	D8
1C04-20	!			.6				
				PWR/0.0				
1C05-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM2	B2
1C05-20	!			.6				
				PWR/0.0				
1C06-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	D3
1C06-20	!			.6				
				PWR/0.0				
1C07-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	B5
1C07-20	!			.6				
				PWR/0.0				
1C08-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	B4
1C08-20	!			.6				
				PWR/0.0				
1C09-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	B3
1C09-20	!			.6				
				PWR/0.0				
1C11-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	D2
1C11-20	!			.6				
				PWR/0.0				
1C12-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	D1
1C12-20	!			.6				
				PWR/0.0				
1C13-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	B2
1C13-20	!			.6				
				PWR/0.0				
1C14-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM0	B1
1C14-20	!			.6				
				PWR/0.0				
1C15-14(17)	.	%IV	+5.0V	45.0MA	74S02	74S020	ICC	D5
1C15-20	!			.7				
				PWR/0.0				
1C16-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	VMAS	D5
1C16-20	!			.6				
				PWR/0.0				
1C18-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	VMAS	D4
1C18-20	!			.6				
				PWR/0.0				
1C20-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	VMAS	D3
1C20-20	!			.6				
				PWR/0.0				
1C21-16(18)	.	%IV	+5.0V	160.0MA	74S283	74S283	ICC	D6
1C21-20	!			.6				
				PWR/0.0				
1C22-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	VMA	B8
1C22-20	!			.6				
				PWR/0.0				
1C23-16(18)	.	%IV	+5.0V	96.0MA	74S175	74S175	VC11.1	B8
1C23-20	!			.6				
				PWR/0.0				
1C24-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	VMA	B5
1C24-20	!			.6				
				PWR/0.0				
1C25-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	VMA	B4
1C25-20	!			.6				
				PWR/0.0				
1C26-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	MDS	B6
1C26-20	!			.6				
				PWR/0.0				
1C27-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	ICC	D8
1C27-20	!			.6				
				PWR/0.0				
1C28-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	VMAS	B8
1C28-20	!			.6				
				PWR/0.0				
1C29-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	MDS	B8
1C29-20	!			.6				
				PWR/0.0				
1C30-16(18)	.	%IV	+5.0V	160.0MA	74S169	74S169	LC	B4
1C30-20	!			.6				
				PWR/0.0				
1D01-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM1	B3
1D01-20	!			.6				
				PWR/0.0				
1D02-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	VMEM1	D3
1D02-20	!			.6				
				PWR/0.0				
1D03-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	VMEM2	D8
1D03-20	!			.6				

1D04-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMEM0	D6
1D04-20	!							
1D05-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM0	B6
1D05-20	!							
1D06-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	D5
1D06-20	!							
1D07-14(17)	.	%IV	PWR/0.0 +5.0V	80.0MA .7	74S37	74S37	VCII 2	B2
1D07-20	!							
1D09-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMI M0	D5
1D09-20	!							
1D10-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM0	D4
1D10-20	!							
1D11-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	D6
1D11-20	!							
1D12-14(17)	.	%IV	PWR/0.0 +5.0V	75.0MA .7	74S86	74S86	IRAP	C2
1D12-20	!							
1D16-14(17)	.	%IV	PWR/0.0 +5.0V	22.0MA .7	74S51	74S51	MD	D2
1D16-20	!							
1D17-14(17)	.	%IV	PWR/0.0 +5.0V	36.0MA .7	74S00	74S000	VCII 1	B5
1D17-20	!							
1D18-14(17)	.	%IV	PWR/0.0 +5.0V	54.0MA .7	74S04	74S04	MD	D1
1D18-20	!							
1D19-16(18)	.	%IV	PWR/0.0 +5.0V	87.0MA .6	74S258	74S258	VMAS	D6
1D19-20	!							
1D21-14(17)	.	%IV	PWR/0.0 +5.0V	30.0MA .7	74S74	74S74	VCII 1	D2
1D21-20	!							
1D22-14(17)	.	%IV	PWR/0.0 +5.0V	49.0MA .7	1D250	1D250	VCII 1	D6
1D22-20	!							
1D23-14(17)	.	%IV	PWR/0.0 +5.0V	49.0MA .7	1D50	1D50	VCII 1	D5
1D23-20	!							
1D25-16(18)	.	%IV	PWR/0.0 +5.0V	144.0MA .6	25S07	25S07	VMA	B6
1D25-20	!							
1D26-14(17)	.	%IV	PWR/0.0 +5.0V	54.0MA .7	74S04	74S04A	VCII 2	A7
1D26-20	!							
1D27-14(17)	.	%IV	PWR/0.0 +5.0V	45.0MA .7	74S02	74S020	VCII 1	A2
1D27-20	!							
1D28-14(17)	\	%IV	PWR/0.0 +5.0V	68.0MA	74S08	74S080	VCII 1	C4
1D28001-03(19)	!	%IV	+5.0V	0.0MA .6	CAP	BYPASS	CAPS	C4
1D28-20	!		BARE					
1D29-16(18)	.	%IV	PWR/0.0 +5.0V	2.2 160.0MA	74S169	74S169	LC	B6
1D29-20	!			.6				
1D30-16(18)	.	%IV	PWR/0.0 +5.0V	87.0MA .6	74S258	74S258	VMAS	B6
1D30-20	!							
1E04-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	B3
1E04-20	!							
1E05-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	D3
1E05-20	!							
1E06-14(17)	.	%IV	PWR/0.0 +5.0V	36.0MA .7	74S00	74S00	OPCD	C2
1E06-20	!							
1E07-14(17)	.	%IV	PWR/0.0 +5.0V	68.0MA .7	74S08	74S08	ICC	A1
1E07-20	!							
1E08-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	B4
1E08-20	!							
1E09-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	D4
1E09-20	!							
1E10-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	B5
1E10-20	!							
1E13-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	B6
1E13-20	!							
1E14-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMI M1	D6
1E14-20	!							
1E15-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6	93425A	93425A	VMFM1	B6
1E15-20	!							
1E16-14(17)	.	%IV	PWR/0.0 +5.0V	42.0MA	74S11	74S11	OPCD	D2

1E16-20	!		PWR/0.0	.7				
1E17-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	VMEMDR	D1
1E17-20	!		PWR/0.0	.6				
1E18-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	VMEMDR	D3
1E18-20	!		PWR/0.0	.6				
1E20-16(18)	.	%IV	+5.0V	96.0MA	74S175	74S175	VCIL1	B3
1E20-20	!		PWR/0.0	.6				
1E25-16(18)	.	%IV	+5.0V	25.0MA	9S42	9S42-1	VCTL1	D1
1E25-20	!		PWR/0.0	.6				
1E26-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32	VMFM0	A8
1E26-20	!		PWR/0.0	.7				
1E28-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	IRAP	B1
1E28-20	!		PWR/0.0	.6				
1E29-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	IRAP	B4
1E29-20	!		PWR/0.0	.6				
1E30-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	IRAP	B7
1E30-20	!		PWR/0.0	.6				
1F05-16(18)	\	%IV	+5.0V	10.0MA	74S133	74S133	CLOCKD	D3
1F05001-03(19)	.!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	C8
1F05-20	!		PWR/0.0	BARE				
1F16-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	D4
1F16-20	!		PWR/0.0	.6				
1F17-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	B4
1F17-20	!		PWR/0.0	.6				
1F18-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	D5
1F18-20	!		PWR/0.0	.6				
1F19-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	B5
1F19-20	!		PWR/0.0	.6				
1F20-14(17)	.	%IV	+5.0V	22.0MA	74S51	74S51	DRAM2	A2
1F20-20	!		PWR/0.0	.7				
1F21-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	D6
1F21-20	!		PWR/0.0	.6				
1F22-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	B6
1F22-20	!		PWR/0.0	.6				
1F23-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	D6
1F23-20	!		PWR/0.0	.6				
1F24-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	B6
1F24-20	!		PWR/0.0	.6				
1F25-14(17)	.	%IV	+5.0V	22.0MA	74S51	74S51	DRAM2	A3
1F25-20	!		PWR/0.0	.7				
1F26-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	D7
1F26-20	!		PWR/0.0	.6				
1F27-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	B7
1F27-20	!		PWR/0.0	.6				
1F28-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	D8
1F28-20	!		PWR/0.0	.6				
1F29-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM2	B8
1F29-20	!		PWR/0.0	.6				
1F30-14(17)	\	%IV	+5.0V	22.0MA	74S51	74S51	DRAM2	B3
1F30001-03(19)	.!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	C7
1F30-20	!		PWR/0.0	BARE				
2A03-24(2A01-13)	.	%IV	+5.0V	220.0MA	74S181	74S181	ALU1	D1
2A01-20	!		PWR/0.0	1.1				
2A04-14(17)	\	%IV	+5.0V	68.0MA	74S08	74S08	ALU1	D2
2A04001-03(19)	.!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	A2
2A04-20	!		PWR/0.0	BARE				
2A05-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04	IC	C1
2A05-20	!		PWR/0.0	.7				
2A08-24(2A06-13)	.	%IV	+5.0V	220.0MA	74S181	74S181	ALU1	D3
2A06-20	!		PWR/0.0	1.1				
2A09-16(18)	.	%IV	+5.0V	70.0MA	74S151	74S151	MO1	B1
2A09-20	!		PWR/0.0	.6				
2A10-16(18)	.	%IV	+5.0V	70.0MA	74S151	74S151	MO1	B2
2A10-20	!		PWR/0.0	.6				
2A13-24(2A11-13)	.	%IV	+5.0V	220.0MA	74S181	74S181	ALU1	D6

2A11-20	I		1.1				
			PWR/0.0				
2A14-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO1	B3
2A14-20	I		.6				
			PWR/0.0				
2A15-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO1	B4
2A15-20	I		.6				
			PWR/0.0				
2A16-14(17)	.	%IV	+5.0V 80.0MA	74S37	74S37	AIUC4	D8
2A16-20	I		.7				
			PWR/0.0				
2A17-14(17)	.	%IV	+5.0V 80.0MA	74S37	74S37	AIUC4	C8
2A17-20	I		.7				
			PWR/0.0				
2A18-16(18)	.	%IV	+5.0V 109.0MA	74S182	74S182	AIUC4	D1
2A18-20	I		.6				
			PWR/0.0				
2A19-16(18)	.	%IV	+5.0V 109.0MA	74S182	74S182	AIUC4	B2
2A19-20	I		.6				
			PWR/0.0				
2A20-16(18)	.	%IV	+5.0V 109.0MA	74S182	74S182	AIUC4	B1
2A20-20	I		.6				
			PWR/0.0				
2A23-24(2A21-13)	.	%IV	+5.0V 220.0MA	74S181	74S181	ALU0	D2
2A21-20	I		1.1				
			PWR/0.0				
2A24-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO0	B1
2A24-20	I		.6				
			PWR/0.0				
2A25-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO0	B2
2A25-20	I		.6				
			PWR/0.0				
2A28-24(2A26-13)	.	%IV	+5.0V 220.0MA	74S181	74S181	ALU0	D5
2A26-20	I		1.1				
			PWR/0.0				
2A29-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO0	B3
2A29-20	I		.6				
			PWR/0.0				
2A30-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO0	B4
2A30-20	I		.6				
			PWR/0.0				
2B01-16(18)	.	%IV	+5.0V 87.0MA	74S258	74S258	VMAS	B7
2B01-20	I		.6				
			PWR/0.0				
2B02-16(18)	.	%IV	+5.0V 87.0MA	74S258	74S258	MDS	B7
2B02-20	I		.6				
			PWR/0.0				
2B03-16(18)	.	%IV	+5.0V 160.0MA	74S169	74S169	LC	B1
2B03-20	I		.6				
			PWR/0.0				
2B04-16(18)	.	%IV	+5.0V 87.0MA	74S258	74S258	VMAS	B2
2B04-20	I		.6				
			PWR/0.0				
2B05-16(18)	.	%IV	+5.0V 87.0MA	74S258	74S258	MDS	B2
2B05-20	I		.6				
			PWR/0.0				
2B08-24(2B06-13)	.	%IV	+5.0V 220.0MA	74S181	74S181	ALU1	D4
2B06-20	I		1.1				
			PWR/0.0				
2B09-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO1	D1
2B09-20	I		.6				
			PWR/0.0				
2B10-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO1	D2
2B10-20	I		.6				
			PWR/0.0				
2B13-24(2B11-13)	.	%IV	+5.0V 220.0MA	74S181	74S181	ALU1	D8
2B11-20	I		1.1				
			PWR/0.0				
2B14-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO1	D3
2B14-20	I		.6				
			PWR/0.0				
2B15-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO1	D4
2B15-20	I		.6				
			PWR/0.0				
2B16-16(18)	.	%IV	+5.0V 70.0MA	74S153	74S153	AIUC4	D4
2B16-20	I		.6				
			PWR/0.0				
2B17-16(18)	.	%IV	+5.0V 70.0MA	74S153	74S153	AIUC4	D5
2B17-20	I		.6				
			PWR/0.0				
2B18-16(18)	.	%IV	+5.0V 70.0MA	74S153	74S153	AIUC4	D6
2B18-20	I		.6				
			PWR/0.0				
2B19-14(17)	\	%IV	+5.0V 57.0MA	7428	7428	QCT1	D2
2B19001-03(19)	.I	%IV	+5.0V 0.0MA .6	CAP	BYPASS	CAPS	A1
2B19-20	I		BARE				
			PWR/0.0 2.2				
2B20-14(17)	.	%IV	+5.0V 80.0MA	74S37	74S37	AIUC4	D2
2B20-20	I		.7				
			PWR/0.0				
2B23-24(2B21-13)	.	%IV	+5.0V 220.0MA	74S181	74S181	ALU0	D3
2B21-20	I		1.1				
			PWR/0.0				
2B24-16(18)	.	%IV	+5.0V 70.0MA	74S151	74S151	MO0	D1
2B24-20	I		.6				
			PWR/0.0				

2B25-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	D2
2B25-20	!			.6				
				PWR/0.0				
2B28-24(2B26-13)	.	ZIV	+5.0V	220.0MA	74S181	74S181	AIU0	D7
2B26-20	!			1.1				
				PWR/0.0				
2B29-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	D3
2B29-20	!			.6				
				PWR/0.0				
2B30-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	D4
2B30-20	!			.6				
				PWR/0.0				
2C01-16(18)	.	ZIV	+5.0V	60.0MA	25S10	25S10	SHIF11	D1
2C01-20	!			.6				
				PWR/0.0				
2C02-14(17)	\	ZIV	+5.0V	54.0MA	74S04	74S04A	CLOCKD	C1
2C02001-03(19)	!	ZIV	+5.0V	0.0MA	CAP	BYPASS	CAPS	A5
2C02-20	!			BARF				
				PWR/0.0				
2C03-14(17)	.	ZIV	+5.0V	80.0MA	74S37	74S37	CLOCKD	B3
2C03-20	!			.7				
				PWR/0.0				
2C05-16(18)	.	ZIV	+5.0V	160.0MA	74S169	74S169	LC	B7
2C05-20	!			.6				
				PWR/0.0				
2C06-16(18)	.	ZIV	+5.0V	60.0MA	25S10	25S10	SHIF11	B1
2C06-20	!			.6				
				PWR/0.0				
2C07-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	B3
2C07-20	!			.6				
				PWR/0.0				
2C08-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	B1
2C08-20	!			.6				
				PWR/0.0				
2C09-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M01	B5
2C09-20	!			.6				
				PWR/0.0				
2C10-14(17)	.	ZIV	+5.0V	45.0MA	74S02	74S02	AIUC4	A4
2C10-20	!			.7				
				PWR/0.0				
2C11-14(17)	.	ZIV	+5.0V	54.0MA	74S04	74S04A	AIUC4	B4
2C11-20	!			.7				
				PWR/0.0				
2C12-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	B8
2C12-20	!			.6				
				PWR/0.0				
2C13-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	B6
2C13-20	!			.6				
				PWR/0.0				
2C14-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M01	B8
2C14-20	!			.6				
				PWR/0.0				
2C15-14(17)	.	ZIV	+5.0V	36.0MA	74S00	74S00	AIUC4	A7
2C15-20	!			.7				
				PWR/0.0				
2C19-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	B5
2C19-20	!			.6				
				PWR/0.0				
2C20-14(17)	.	ZIV	+5.0V	18.0MA	74S20	74S200	AIUC4	B8
2C20-20	!			.7				
				PWR/0.0				
2C21-16(18)	.	ZIV	+5.0V	60.0MA	25S10	25S10	SHIF10	D1
2C21-20	!			.6				
				PWR/0.0				
2C22-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	D3
2C22-20	!			.6				
				PWR/0.0				
2C23-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	D1
2C23-20	!			.6				
				PWR/0.0				
2C24-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	B6
2C24-20	!			.6				
				PWR/0.0				
2C25003-01(03)	.	ZV	+5.0V	90.0MA	SIP330/470-8	SIP330/470-8	BCIFRM	D8
2C25-20	!			.8				
				PWR/0.0				
2C26-16(18)	.	ZIV	+5.0V	60.0MA	25S10	25S10	SHIF10	B1
2C26-20	!			.6				
				PWR/0.0				
2C27-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	D8
2C27-20	!			.6				
				PWR/0.0				
2C28-16(18)	.	ZIV	+5.0V	110.0MA	74S194	74S194	Q	D6
2C28-20	!			.6				
				PWR/0.0				
2C29-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	D5
2C29-20	!			.6				
				PWR/0.0				
2C30-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M00	D6
2C30-20	!			.6				
				PWR/0.0				
2D04-16(18)	.	ZIV	+5.0V	70.0MA	74S151	74S151	M01	B6
2D04-20	!			.6				
				PWR/0.0				
2D05-16(18)	.	ZIV	+5.0V	60.0MA	25S10	25S10	SHIF11	D2
2D05-20	!			.6				

2D09-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO1	B7
2D09-20	1								
2D10-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	B2
2D10-20	1								
2D11-16(18)	.	%IV	PWR/0.0 +5.0V	100.0MA .6		5600	5600	MSKG4	B4
2D11-20	1								
2D12-16(18)	.	%IV	PWR/0.0 +5.0V	100.0MA .6		5600	5600	MSKG4	D4
2D12-20	1								
2D13-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO1	D5
2D13-20	1								
2D14-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO1	D6
2D14-20	1								
2D15-14(17)	.	%IV	PWR/0.0 +5.0V	68.0MA .7		74S32	74S320	ALUC4	B6
2D15-20	1								
2D16-16(18)	.	%IV	PWR/0.0 +5.0V	100.0MA .6		5600	5600	MSKG4	B2
2D16-20	1								
2D17-16(18)	.	%IV	PWR/0.0 +5.0V	100.0MA .6		5600	5600	MSKG4	D2
2D17-20	1								
2D18-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA		74S151	74S151	MO1	D7
2D18001-03(19)	1	%IV	+5.0V	0.0MA	BARE	CAP	BYPASS	CAPS	A4
2D18-20	1				BARE				
2D19-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO1	D8
2D19-20	1								
2D20-14(17)	.	%IV	PWR/0.0 +5.0V	45.0MA .7		74S02	74S020	SMCTL	D2
2D20-20	1								
2D21-14(17)	.	%IV	PWR/0.0 +5.0V	57.0MA .7		7428	7428	ALUC4	D2
2D21-20	1								
2D23-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO0	B7
2D23-20	1								
2D24-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO0	B8
2D24-20	1								
2D25-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT0	D2
2D25-20	1								
2D26-14(17)	.	%IV	PWR/0.0 +5.0V	54.0MA .7		74S04	74S04A	MSKG4	D8
2D26-20	1								
2D28-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO0	D7
2D28-20	1								
2D29-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S151	74S151	MO0	D8
2D29-20	1								
2D30-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT0	B2
2D30-20	1								
2E01-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	B6
2E01-20	1								
2E02-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	D6
2E02-20	1								
2E03-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	B8
2E03-20	1								
2E04-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	D8
2E04-20	1								
2E05-14(17)	.	%IV	PWR/0.0 +5.0V	75.0MA .7		74S86	74S86	LCC	B8
2E05-20	1								
2E06-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	B4
2E06-20	1								
2E07-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	D4
2E07-20	1								
2E08-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	B5
2E08-20	1								
2E09-16(18)	.	%IV	PWR/0.0 +5.0V	60.0MA .6		25S10	25S10	SHIFT1	D5
2E09-20	1								
2E10-16(18)	.	%IV	PWR/0.0 +5.0V	160.0MA .6		74S283	74S283	SMCTL	B7
2E10-20	1								
2E11-16(18)	.	%IV	PWR/0.0 +5.0V	100.0MA .6		5600	5600	MSKG4	B3
2E11-20	1								
2E12-16(18)	.	%IV	PWR/0.0 +5.0V	100.0MA		5600	5600	MSKG4	D3

2F12-20	I		PWR/0.0	.6				
2F14-14(17)	.	%IV	+5.0V	45.0MA	74S02	74S020	SMCTL	C2
2F14-20	I		PWR/0.0	.7				
2F15-01	.	%IV	+5.0V	45.0MA	RFS20	RFS20	MSKG4	B5
2F15-20	I		PWR/0.0	.7				
2F16-16(18)	.	%IV	+5.0V	100.0MA	5600	5600	MSKG4	B1
2F16-20	I		PWR/0.0	.6				
2F17-16(18)	.	%IV	+5.0V	100.0MA	5600	5600	MSKG4	D1
2F17-20	I		PWR/0.0	.6				
2F19-14(17)	.	%IV	+5.0V	45.0MA	74S02	74S020	SMCTL	C2
2F19-20	I		PWR/0.0	.7				
2F20-01	.	%IV	+5.0V	45.0MA	RFS20	RFS20	MSKG4	D5
2F20-20	I		PWR/0.0	.7				
2F21-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	B6
2F21-20	I		PWR/0.0	.6				
2F22-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	D6
2F22-20	I		PWR/0.0	.6				
2F23-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	B8
2F23-20	I		PWR/0.0	.6				
2F24-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	D8
2F24-20	I		PWR/0.0	.6				
2F25-16(18)	.	%IV	+5.0V	160.0MA	74S283	74S283	SMCTL	D7
2F25-20	I		PWR/0.0	.6				
2F26-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	B4
2F26-20	I		PWR/0.0	.6				
2F27-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	D4
2F27-20	I		PWR/0.0	.6				
2F28-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	B5
2F28-20	I		PWR/0.0	.6				
2F29-16(18)	.	%IV	+5.0V	60.0MA	25S10	25S10	SHIFT0	D5
2F29-20	I		PWR/0.0	.6				
2F30-14(17)	.	%IV	+5.0V	45.0MA	74S02	74S020	ICC	B6
2F30-20	I		PWR/0.0	.7				
2F01-14(17)	.	%IV	+5.0V	16.0MA	74S64	74S64	DRAM2	D1
2F01-20	I		PWR/0.0	.7				
2F02-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	DRAM2	D3
2F02-20	I		PWR/0.0	.7				
2F03-14(17)	.	%IV	+5.0V	80.0MA	74S37	74S37	DRAM0	D1
2F03-20	I		PWR/0.0	.7				
2F04-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	DRAM1	C3
2F04-20	I		PWR/0.0	.7				
2F05-14(17)	.	%IV	+5.0V	16.0MA	74S64	74S64	DRAM1	D1
2F05001-03(19)	.I	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	A8
2F05-20	I		HARE	.6				
2F06-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	D4
2F06-20	I		PWR/0.0	.6				
2F07-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	B4
2F07-20	I		PWR/0.0	.6				
2F08-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	D5
2F08-20	I		PWR/0.0	.6				
2F09-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	B5
2F09-20	I		PWR/0.0	.6				
2F10-14(17)	.	%IV	+5.0V	22.0MA	74S51	74S51	DRAM1	A2
2F10-20	I		PWR/0.0	.7				
2F11-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	D6
2F11-20	I		PWR/0.0	.6				
2F12-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	B6
2F12-20	I		PWR/0.0	.6				
2F13-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	D6
2F13-20	I		PWR/0.0	.6				
2F14-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	B6
2F14-20	I		PWR/0.0	.6				
2F15-14(17)	.	%IV	+5.0V	22.0MA	74S51	74S51	DRAM1	A3
2F15-20	I		PWR/0.0	.7				

2F16-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	D7
2F16-20	!			.6				
			PWR/0.0					
2F17-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	B7
2F17-20	!			.6				
			PWR/0.0					
2F18-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	D8
2F18-20	!			.6				
			PWR/0.0					
2F19-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM1	B8
2F19-20	!			.6				
			PWR/0.0					
2F20-14(17)	.	%IV	+5.0V	22.0MA	74S51	74S51	DRAM1	B3
2F20-20	!			.7				
			PWR/0.0					
2F21-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	DRAMO	C3
2F21-20	!			.7				
			PWR/0.0					
2F22-16(18)	.	%IV	+5.0V	100.0MA	5610	5610	DSPCTL	D1
2F22-20	!			.6				
			PWR/0.0					
2F24-14(17)	.	%IV	+5.0V	16.0MA	74S64	74S64	DRAMO	D1
2F24-20	!			.7				
			PWR/0.0					
2F26-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAMO	D4
2F26-20	!			.6				
			PWR/0.0					
2F27-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAMO	B4
2F27-20	!			.6				
			PWR/0.0					
2F28-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAMO	D5
2F28-20	!			.6				
			PWR/0.0					
2F29-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAMO	B5
2F29-20	!			.6				
			PWR/0.0					
2F30-14(17)	\	%IV	+5.0V	22.0MA	74S51	74S51	DRAMO	A3
2F30B01-03(19)	.!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	A6
2F30-20	!			.6				
			PWR/0.0	BARE				
			PWR/0.0	2.2				
3A06-16(18)	\	%IV	+5.0V	87.0MA	74S258	74S258	ACTL	D6
3A06B01-03(19)	.!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	B6
3A06-20	!			.6				
			PWR/0.0	BARE				
			PWR/0.0	1.7				
3A07-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D3
3A07-20	!			.6				
			PWR/0.0					
3A08-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D4
3A08-20	!			.6				
			PWR/0.0					
3A09-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D6
3A09-20	!			.6				
			PWR/0.0					
3A10-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D8
3A10-20	!			.6				
			PWR/0.0					
3A11-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D2
3A11-20	!			.6				
			PWR/0.0					
3A12-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	ACTL	D5
3A12-20	!			.6				
			PWR/0.0					
3A13-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D4
3A13-20	!			.6				
			PWR/0.0					
3A14-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D5
3A14-20	!			.6				
			PWR/0.0					
3A15-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEMO	D7
3A15-20	!			.6				
			PWR/0.0					
3A16-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	ACTL	D3
3A16-20	!			.6				
			PWR/0.0					
3A17-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D2
3A17-20	!			.6				
			PWR/0.0					
3A18-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D4
3A18-20	!			.6				
			PWR/0.0					
3A19-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D6
3A19-20	!			.6				
			PWR/0.0					
3A20-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D8
3A20-20	!			.6				
			PWR/0.0					
3A21-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	ACTL	D1
3A21-20	!			.6				
			PWR/0.0					
3A22-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D1
3A22-20	!			.6				
			PWR/0.0					
3A23-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D3
3A23-20	!			.6				
			PWR/0.0					
3A24-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	AMEM1	D5

3A24-20	I		PWR/0.0	.6				
3A25-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	D7
3A25-20	I		PWR/0.0	.6				
3A28-16(18)	.	ZIV	+5.0V	80.0MA	93S48	93S48	APAR	B5
3A28-20	I		PWR/0.0	.6				
3A29-16(18)	.	ZIV	+5.0V	80.0MA	93S48	93S48	APAR	B3
3A29-20	I		PWR/0.0	.6				
3A30-16(18)	.	ZIV	+5.0V	80.0MA	93S48	93S48	APAR	B1
3A30-20	I		PWR/0.0	.6				
3B06-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B1
3B06-20	I		PWR/0.0	.6				
3B07-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B3
3B07-20	I		PWR/0.0	.6				
3B08-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B4
3B08-20	I		PWR/0.0	.6				
3B09-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B6
3B09-20	I		PWR/0.0	.6				
3B10-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B8
3B10-20	I		PWR/0.0	.6				
3B11-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B2
3B11-20	I		PWR/0.0	.6				
3B12-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B4
3B12-20	I		PWR/0.0	.6				
3B13-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B5
3B13-20	I		PWR/0.0	.6				
3B14-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFMO	B7
3B14-20	I		PWR/0.0	.6				
3B15-16(18)	.	ZIV	+5.0V	87.0MA	74S258	74S258	ACTL	D4
3B15-20	I		PWR/0.0	.6				
3B16-14(17)	.	ZIV	+5.0V	36.0MA	74S00	74S00	ACTL	A8
3B16-20	I		PWR/0.0	.7				
3B17-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B2
3B17-20	I		PWR/0.0	.6				
3B18-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B4
3B18-20	I		PWR/0.0	.6				
3B19-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B6
3B19-20	I		PWR/0.0	.6				
3B20-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B8
3B20-20	I		PWR/0.0	.6				
3B21-16(18)	.	ZIV	+5.0V	70.0MA	93S46	93S46	ACTL	B5
3B21-20	I		PWR/0.0	.6				
3B22-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B1
3B22-20	I		PWR/0.0	.6				
3B23-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B3
3B23-20	I		PWR/0.0	.6				
3B24-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B5
3B24-20	I		PWR/0.0	.6				
3B25-16(18)	.	ZIV	+5.0V	140.0MA	93425A	93425A	AMFM1	B7
3B25-20	I		PWR/0.0	.6				
3B26-16(18)	.	ZIV	+5.0V	144.0MA	74S174	74S174	ACTL	B4
3B26-20	I		PWR/0.0	.6				
3B27-16(18)	.	ZIV	+5.0V	70.0MA	93S46	93S46	ACTL	B6
3B27-20	I		PWR/0.0	.6				
3B28-16(18)	.	ZIV	+5.0V	120.0MA	25S09	25S09	ACTL	B2
3B28-20	I		PWR/0.0	.6				
3B29-16(18)	.	ZIV	+5.0V	120.0MA	25S09	25S09	ACTL	B1
3B29-20	I		PWR/0.0	.6				
3B30-14(17)	\	ZIV	+5.0V	80.0MA	74S37	74S37	ACTL	C8
3B3001-03(19)	.I	ZIV	+5.0V	0.0MA	CAP	BYPASS	CAPS	B8
3B30-20	I		BARE					
3C01-16(18)	.	ZIV	+5.0V	120.0MA	25S09	25S09	IREF	D4
3C01-20	I		PWR/0.0	2.2				
3C02-16(18)	.	ZIV	+5.0V	120.0MA	25S09	25S09	IREF	D5
3C02-20	I		PWR/0.0	.6				
			PWR/0.0					

3C03-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	D7
3C03-20	!			.6				
			PWR/0.0					
3C04-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	D8
3C04-20	!			.6				
			PWR/0.0					
3C06-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	D4
3C06-20	!			.7				
			PWR/0.0					
3C07-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	D5
3C07-20	!			.7				
			PWR/0.0					
3C08-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	D6
3C08-20	!			.7				
			PWR/0.0					
3C09-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	D8
3C09-20	!			.7				
			PWR/0.0					
3C11-14(17)	.	%IV	+5.0V	80.0MA	74S37	74S37	CLOCKD	A8
3C11-20	!			.7				
			PWR/0.0					
3C12-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	CLOCKD	B6
3C12-20	!			.7				
			PWR/0.0					
3C13-14(17)	.	%IV	+5.0V	80.0MA	74S37	74S37	CLOCKD	B8
3C13-20	!			.7				
			PWR/0.0					
3C14-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	DSPCTL	B6
3C14-20	!			.6				
			PWR/0.0					
3C15-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	DSPCTL	B8
3C15-20	!			.6				
			PWR/0.0					
3C16-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	D1
3C16-20	!			.7				
			PWR/0.0					
3C17-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	D2
3C17-20	!			.6				
			PWR/0.0					
3C18-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	D2
3C18-20	!			.7				
			PWR/0.0					
3C19-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	D3
3C19-20	!			.6				
			PWR/0.0					
3C21-16(18)	.	%IV	+5.0V	160.0MA	74S169	74S169	PDIPIR	C8
3C21-20	!			.6				
			PWR/0.0					
3C22-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	PDIPIR	D6
3C22-20	!			.6				
			PWR/0.0					
3D02-14(17)	.	%IV	+5.0V	36.0MA	74S00	74S00	DSPCTL	A5
3D02-20	!			.7				
			PWR/0.0					
3D03-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	SOURCE	B7
3D03-20	!			.7				
			PWR/0.0					
3D04-16(18)	.	%IV	+5.0V	90.0MA	74S139	74S139	SOURCE	D1
3D04-20	!			.6				
			PWR/0.0					
3D05-16(18)	.	%IV	+5.0V	90.0MA	74S139	74S139	SOURCE	B1
3D05-20	!			.6				
			PWR/0.0					
3D06-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	B2
3D06-20	!			.6				
			PWR/0.0					
3D07-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	B3
3D07-20	!			.6				
			PWR/0.0					
3D08-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	B1
3D08-20	!			.7				
			PWR/0.0					
3D09-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	B2
3D09-20	!			.7				
			PWR/0.0					
3D10-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	B4
3D10001-03(19)	.!	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	B4
3D10-20	!			.6				
			BARE					
			PWR/0.0	2.2				
3D11-16(18)	.	%IV	+5.0V	74.0MA	74S138	74S138	SOURCE	D3
3D11-20	!			.6				
			PWR/0.0					
3D12-16(18)	.	%IV	+5.0V	74.0MA	74S138	74S138	SOURCE	D5
3D12-20	!			.6				
			PWR/0.0					
3D13-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	B5
3D13-20	!			.7				
			PWR/0.0					
3D14-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	B6
3D14-20	!			.7				
			PWR/0.0					
3D15-14(17)	.	%IV	+5.0V	68.0MA	74S32	74S32W	IOR	B8
3D15-20	!			.7				
			PWR/0.0					
3D16-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	IRFG	B4
3D16-20	!			.6				

3D17-16(18)	.	ZIV	PWR/0.0 +5.0V 120.0MA	25S09	25S09	IRFG	B5
3D17-20	!		.6				
3D18-16(18)	.	ZIV	PWR/0.0 +5.0V 120.0MA	25S09	25S09	IRFG	B7
3D18-20	!		.6				
3D19-16(18)	.	ZIV	PWR/0.0 +5.0V 120.0MA	25S09	25S09	IRFG	B8
3D19-20	!		.6				
3D20-16(18)	.	ZIV	PWR/0.0 +5.0V 120.0MA	25S09	25S09	IRFG	D1
3D20-20	!		.6				
3D21-14(17)	.	ZIV	PWR/0.0 +5.0V 68.0MA	74S08	74S08	CONTRL	B7
3D21-20	!		.7				
3D22-16(18)	.	ZIV	PWR/0.0 +5.0V 74.0MA	74S138	74S138	SOURCE	B3
3D22-20	!		.6				
3D23-16(18)	.	ZIV	PWR/0.0 +5.0V 74.0MA	74S138	74S138	SOURCE	B5
3D23-20	!		.6				
3D24-16(18)	.	ZIV	PWR/0.0 +5.0V 160.0MA	74S169	74S169	PDIPIR	C6
3D24-20	!		.6				
3D25-16(18)	.	ZIV	PWR/0.0 +5.0V 144.0MA	25S07	25S07	PDIPIR	D8
3D25-20	!		.6				
3D26-16(18)	.	ZIV	PWR/0.0 +5.0V 96.0MA	74S175	74S175	CONTRL	D1
3D26-20	!		.6				
3D28-14(17)	\	ZIV	PWR/0.0 +5.0V 36.0MA	74S00	74S00	CONTRL	A6
3D28001-03(19)	.!	ZIV	+5.0V 0.0MA .6	CAP	BYPASS	CAPS	B5
3D28-20	!		BARE				
3D30-16(18)	.	ZIV	PWR/0.0 +5.0V 160.0MA	74S169	74S169	PDIPIR	C5
3D30-20	!		.6				
3E02-16(18)	.	ZIV	PWR/0.0 +5.0V 80.0MA	93S48	93S48	IPAR	C1
3E02-20	!		.6				
3E04-16(18)	.	ZIV	PWR/0.0 +5.0V 80.0MA	93S48	93S48	IPAR	C6
3E04-20	!		.6				
3E05-14(17)	.	ZIV	PWR/0.0 +5.0V 68.0MA	74S08	74S08	ICC	B7
3E05-20	!		.7				
3E07-14(17)	.	ZIV	PWR/0.0 +5.0V 36.0MA	74S00	74S00	CONTRL	B3
3E07-20	!		.7				
3E09-14(17)	.	ZIV	PWR/0.0 +5.0V 68.0MA	74S32	74S320	CONTRL	A3
3E09-20	!		.7				
3E11-14(17)	.	ZIV	PWR/0.0 +5.0V 36.0MA	74S00	74S00	FLAG	A7
3E11-20	!		.7				
3E12-16(18)	.	ZIV	PWR/0.0 +5.0V 96.0MA	74S175	74S175	ICC	C4
3E12-20	!		.6				
3E13-16(18)	.	ZIV	PWR/0.0 +5.0V 70.0MA	74S151	74S151	FLAG	D7
3E13-20	!		.6				
3E14-14(17)	.	ZIV	PWR/0.0 +5.0V 68.0MA	74S08	74S080	CONTRL	D8
3E14-20	!		.7				
3E17-14(17)	.	ZIV	PWR/0.0 +5.0V 45.0MA	74S02	74S020	FLAG	B4
3E17-20	!		.7				
3E18-14(17)	.	ZIV	PWR/0.0 +5.0V 68.0MA	74S32	74S320	CONTRL	B1
3E18-20	!		.7				
3E19-14(17)	.	ZIV	PWR/0.0 +5.0V 75.0MA	74S86	74S86	DSPCTL	A4
3E19-20	!		.7				
3E21-16(18)	.	ZIV	PWR/0.0 +5.0V 80.0MA	93S48	93S48	IPAR	C3
3E21-20	!		.6				
3E22-14(17)	.	ZIV	PWR/0.0 +5.0V 54.0MA	74S04	74S04	CONTRL	B1
3E22-20	!		.7				
3E23-14(17)	.	ZIV	PWR/0.0 +5.0V 36.0MA	74S00	74S00	CONTRL	B1
3E23-20	!		.7				
3E24-14(17)	.	ZIV	PWR/0.0 +5.0V 68.0MA	74S08	74S08	CONTRL	A3
3E24-20	!		.7				
3E25-14(17)	.	ZIV	PWR/0.0 +5.0V 16.0MA	74S64	74S64	CONTRL	D6
3E25-20	!		.7				
3E26-14(17)	.	ZIV	PWR/0.0 +5.0V 16.0MA	74S64	74S64	CONTRL	C6
3E26-20	!		.7				
3E27-14(17)	.	ZIV	PWR/0.0 +5.0V 16.0MA	74S64	74S64	CONTRL	D3
3E27-20	!		.7				
3E28-14(17)	.	ZIV	PWR/0.0 +5.0V 16.0MA	74S64	74S64	CONTRL	C4

3F28-20	1		PWR/0.0	.7				
3F29-14(17)	.	%IV	+5.0V	42.0MA	74S11	74S11	CONTRL	B3
3F29-20	1		PWR/0.0	.7				
3F30-14(17)	.	%IV	+5.0V	18.0MA	74S20	74S200	OPCD	C2
3F30-20	1		PWR/0.0	.7				
3F01-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	D6
3F01-20	1		PWR/0.0	.6				
3F02-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	B6
3F02-20	1		PWR/0.0	.6				
3F03-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	D6
3F03-20	1		PWR/0.0	.6				
3F04-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	B6
3F04-20	1		PWR/0.0	.6				
3F05-14(17)	\	%IV	+5.0V	22.0MA	74S51	74S51	DRAM0	A2
3F05001-03(19)	.1	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	B1
3F05-20	1		PWR/0.0	BARE				
3F06-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	D7
3F06-20	1		PWR/0.0	2.2				
3F07-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	B7
3F07-20	1		PWR/0.0	.6				
3F08-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	D8
3F08-20	1		PWR/0.0	.6				
3F09-16(18)	.	%IV	+5.0V	140.0MA	93425A	93425A	DRAM0	B8
3F09-20	1		PWR/0.0	.6				
3F10-14(17)	.	%IV	+5.0V	22.0MA	74S51	74S51	DRAM0	B2
3F10-20	1		PWR/0.0	.7				
3F14-14(17)	.	%IV	+5.0V	45.0MA	74S02	74S02	DSPECTL	A5
3F14-20	1		PWR/0.0	.7				
3F16-14(17)	.	%IV	+5.0V	16.0MA	74S64	74S64	VCTL1	D8
3F16-20	1		PWR/0.0	.7				
3F17-14(17)	.	%IV	+5.0V	27.0MA	74S10	74S10	VCTL1	D8
3F17-20	1		PWR/0.0	.7				
3F18-14(17)	.	%IV	+5.0V	45.0MA	74S02	74S02	IRAP	D4
3F18-20	1		PWR/0.0	.7				
3F19-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04	IRAP	D7
3F19-20	1		PWR/0.0	.7				
3F20-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	CONTRL	A1
3F20-20	1		PWR/0.0	.7				
3F22-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	IPAR	C8
3F22-20	1		PWR/0.0	.6				
3F24-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	IPAR	C4
3F24-20	1		PWR/0.0	.6				
3F26-16(18)	.	%IV	+5.0V	160.0MA	74S283	74S283	NPC	D4
3F26-20	1		PWR/0.0	.6				
3F27-16(18)	.	%IV	+5.0V	160.0MA	74S283	74S283	NPC	D5
3F27-20	1		PWR/0.0	.6				
3F28-16(18)	.	%IV	+5.0V	160.0MA	74S283	74S283	NPC	D7
3F28-20	1		PWR/0.0	.6				
3F29-16(18)	.	%IV	+5.0V	160.0MA	74S283	74S283	NPC	D8
3F29-20	1		PWR/0.0	.6				
3F30-14(17)	\	%IV	+5.0V	16.0MA	74S64	74S64	CONTRL	D4
3F30001-03(19)	.1	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	B2
3F30-20	1		PWR/0.0	BARE				
4A12-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	APAR	D3
4A12-20	1		PWR/0.0	.6				
4A14-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	APAR	D1
4A14-20	1		PWR/0.0	.6				
4A16-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	MCTL	D2
4A16-20	1		PWR/0.0	.6				
4A17-14(17)	\	%IV	+5.0V	36.0MA	74S00	74S00	APAR	D7
4A17001-03(19)	.1	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	D8
4A17-20	1		PWR/0.0	BARE				
4A18-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	MCTL	D4
4A18-20	1		PWR/0.0	.6				
4A19-01	.	%IV	+5.0V	45.0MA	RES20	RES20	MCTL	D8

4A19-20	I		PWR/0.0	.7				
4A21-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B8
4A21-20	I		PWR/0.0	.6				
4A22-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D3
4A22-20	I		PWR/0.0	.6				
4A23-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D4
4A23-20	I		PWR/0.0	.6				
4A24-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D6
4A24-20	I		PWR/0.0	.6				
4A25-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D8
4A25-20	I		PWR/0.0	.6				
4A26-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B7
4A26-20	I		PWR/0.0	.6				
4A27-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D2
4A27-20	I		PWR/0.0	.6				
4A28-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D4
4A28-20	I		PWR/0.0	.6				
4A29-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D5
4A29-20	I		PWR/0.0	.6				
4A30-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	D7
4A30-20	I		PWR/0.0	.6				
4B11-14(17)	.	%IV	+5.0V	42.0MA	74S11	74S11	ACTI	B8
4B11-20	I		PWR/0.0	.7				
4B12-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04	MCTI	A2
4B12-20	I		PWR/0.0	.7				
4B14-14(17)	\	%IV	+5.0V	27.0MA	74S10	74S10	ACTI	B8
4B14001-03(19)	.I	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	D7
4B14-20	I		BARE	.6				
4B15-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	APAR	D5
4B15-20	I		PWR/0.0	.6				
4B18-16(18)	.	%IV	+5.0V	70.0MA	93S46	93S46	MCTI	B1
4B18-20	I		PWR/0.0	.6				
4B19-16(18)	.	%IV	+5.0V	87.0MA	74S258	74S258	MCTI	D1
4B19-20	I		PWR/0.0	.6				
4B20-01	.	%IV	+5.0V	45.0MA	RFS20	RFS20	MCTI	B8
4B20-20	I		PWR/0.0	.7				
4B22-14(17)	.	%IV	+5.0V	80.0MA	74S37	74S37	MCTI	A6
4B22-20	I		PWR/0.0	.7				
4B23-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B3
4B23-20	I		PWR/0.0	.6				
4B24-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B4
4B24-20	I		PWR/0.0	.6				
4B25-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B6
4B25-20	I		PWR/0.0	.6				
4B27-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B1
4B27-20	I		PWR/0.0	.6				
4B28-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B2
4B28-20	I		PWR/0.0	.6				
4B29-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B4
4B29-20	I		PWR/0.0	.6				
4B30-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	MMEM	B5
4B30-20	I		PWR/0.0	.6				
4C02-14(17)	\	%IV	+5.0V	80.0MA	74S37	74S37	CLOCKD	B8
4C02001-03(19)	.I	%IV	+5.0V	0.0MA	CAP	BYPASS	CAPS	D4
4C02-20	I		BARE	.6				
4C03-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	L	D5
4C03-20	I		PWR/0.0	.6				
4C06-14(17)	.	%IV	+5.0V	54.0MA	74S04	74S04A	CLOCKD	C6
4C06-20	I		PWR/0.0	.7				
4C07-14(17)	.	%IV	+5.0V	80.0MA	74S37	74S37	CLOCKD	C8
4C07-20	I		PWR/0.0	.7				
4C08-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	L	D6
4C08-20	I		PWR/0.0	.6				
4C09-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	L	D7
4C09-20	I		PWR/0.0	.6				

4C10-16(18)	. .	%IV	PWR/0.0				
4C10-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B1
				.6			
4C11-16(18)	. .	%IV	PWR/0.0				
4C11-20	1		+5.0V	96.0MA	74S175	74S175	PDI CTL D4
				.6			
4C12-16(18)	. .	%IV	PWR/0.0				
4C12-20	1		+5.0V	87.0MA	74S258	74S258	PDI CTL B7
				.6			
4C13-16(18)	. .	%IV	PWR/0.0				
4C13-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B4
				.6			
4C14-16(18)	. .	%IV	PWR/0.0				
4C14-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B5
				.6			
4C15-16(18)	. .	%IV	PWR/0.0				
4C15-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B6
				.6			
4C16-16(18)	. .	%IV	PWR/0.0				
4C16-20	1		+5.0V	87.0MA	74S258	74S258	PDI CTL B4
				.6			
4C17-16(18)	. .	%IV	PWR/0.0				
4C17-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 D4
				.6			
4C18-16(18)	. .	%IV	PWR/0.0				
4C18-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 D4
				.6			
4C19-16(18)	. .	%IV	PWR/0.0				
4C19-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 D5
				.6			
4C20-16(18)	. .	%IV	PWR/0.0				
4C20-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 D6
				.6			
4C21-16(18)	. .	%IV	PWR/0.0				
4C21-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 B3
				.6			
4C22-16(18)	. .	%IV	PWR/0.0				
4C22-20	1		+5.0V	87.0MA	74S258	74S258	PDI CTL B3
				.6			
4C23-16(18)	. .	%IV	PWR/0.0				
4C23-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 B4
				.6			
4C24-16(18)	. .	%IV	PWR/0.0				
4C24-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 B5
				.6			
4C25-16(18)	. .	%IV	PWR/0.0				
4C25-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 B6
				.6			
4C26-16(18)	. .	%IV	PWR/0.0				
4C26-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 D4
				.6			
4C27-16(18)	. .	%IV	PWR/0.0				
4C27-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 D5
				.6			
4C28-16(18)	. .	%IV	PWR/0.0				
4C28-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 D6
				.6			
4C29-16(18)	. .	%IV	PWR/0.0				
4C29-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 D7
				.6			
4C30-16(18)	. .	%IV	PWR/0.0				
4C30-20	1		+5.0V	140.0MA	93425A	93425A	PDI1 D8
				.6			
4D03-14(17)	. .	%IV	PWR/0.0				
4D03-20	1		+5.0V	54.0MA	74S04	74S04A	CLOCKD D6
				.7			
4D06-14(17)	. .	%IV	PWR/0.0				
4D06-20	1		+5.0V	68.0MA	74S08	74S08	LPC D1
				.7			
4D07-14(17)	. .	%IV	PWR/0.0				
4D07-20	1		+5.0V	22.0MA	74S51	74S51	PDI CTL D2
				.7			
4D08-14(17)	. .	%IV	PWR/0.0				
4D08-20	1		+5.0V	36.0MA	74S00	74S00	MF D3
				.7			
4D09-14(17)	. .	%IV	PWR/0.0				
4D09-20	1		+5.0V	68.0MA	74S08	74S080	CONTRL B7
				.7			
4D10-14(17)	. .	%IV	PWR/0.0				
4D10-20	1		+5.0V	27.0MA	74S10	74S100	PDI CTL D1
				.7			
4D11-16(18)	. .	%IV	PWR/0.0				
4D11-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B2
				.6			
4D12-16(18)	. .	%IV	PWR/0.0				
4D12-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B3
				.6			
4D13-16(18)	. .	%IV	PWR/0.0				
4D13-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B4
				.6			
4D14-16(18)	. .	%IV	PWR/0.0				
4D14-20	1		+5.0V	87.0MA	74S258	74S258	PDI CTL B6
				.6			
4D16-16(18)	. .	%IV	PWR/0.0				
4D16-20	1		+5.0V	140.0MA	93425A	93425A	PDI0 B7
				.6			

4D17-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL0	B8
4D17-20	!								
4D18-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL0	D2
4D18-20	!								
4D19-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL0	D3
4D19-20	!								
4D20-14(17)	.	%IV	PWR/0.0 +5.0V	80.0MA .7		74S37	74S37	PDLCLI	C7
4D20-20	!								
4D21-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL0	D7
4D21-20	!								
4D22-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL0	D8
4D22-20	!								
4D23-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	B1
4D23-20	!								
4D24-16(18)	.	%IV	PWR/0.0 +5.0V	87.0MA		74S258	74S258	PDLCLI	B1
4D24@01-03(19)	!	%IV	+5.0V	0.0MA	BARE	CAP	BYPASS	CAPS	D5
4D24-20	!				BARE				
4D25-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	B2
4D25-20	!								
4D26-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	B7
4D26-20	!								
4D27-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	B8
4D27-20	!								
4D28-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	D1
4D28-20	!								
4D29-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	D2
4D29-20	!								
4D30-16(18)	.	%IV	PWR/0.0 +5.0V	140.0MA .6		93425A	93425A	PDL1	D3
4D30-20	!								
4E01-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S153	74S153	NPC	C6
4E01-20	!								
4E02-16(18)	.	%IV	PWR/0.0 +5.0V	70.0MA .6		74S153	74S153	NPC	C7
4E02-20	!								
4E03-14(17)	.	%IV	PWR/0.0 +5.0V	68.0MA .7		74S32	74S32	IPAR	D7
4E03-20	!								
4E06-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	IPC	D2
4E06-20	!								
4E07-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	IPC	D4
4E07-20	!								
4E08-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	IPC	D6
4E08-20	!								
4E09-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	IPC	D8
4E09-20	!								
4E11-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	SPCW	C3
4E11-20	!								
4E12-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	SPCW	C4
4E12-20	!								
4E13-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	SPCW	C6
4E13-20	!								
4E14-16(18)	.	%IV	PWR/0.0 +5.0V	61.0MA .6		74S157	74S157	SPCW	C8
4E14-20	!								
4E21-16(18)	.	%IV	PWR/0.0 +5.0V	130.0MA .6		82S21	82S21	SPC	B3
4E21-20	!								
4E22-16(18)	.	%IV	PWR/0.0 +5.0V	130.0MA .6		82S21	82S21	SPC	B4
4E22-20	!								
4E23-16(18)	.	%IV	PWR/0.0 +5.0V	130.0MA .6		82S21	82S21	SPC	B5
4E23-20	!								
4E24-01	.	%IV	PWR/0.0 +5.0V	45.0MA .7		RES20	RES20	SPC	D7
4E24-20	!								
4E26-16(18)	.	%IV	PWR/0.0 +5.0V	130.0MA		82S21	82S21	SPC	D3
4E26@01-03(19)	!	%IV	+5.0V	0.0MA	BARE	CAP	BYPASS	CAPS	D2
4E26-20	!				BARE				
4E27-16(18)	.	%IV	PWR/0.0 +5.0V	130.0MA .6		82S21	82S21	SPC	D4
4E27-20	!								
			PWR/0.0						

4E28-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	SPC	D5
4E28-20	!			.6				
				PWR/0.0				
4E29-01	.	%IV	+5.0V	45.0MA	RFS20	RFS20	SPC	D8
4E29-20	!			.7				
				PWR/0.0				
4E30-14(17)	.	%IV	+5.0V	80.0MA	74S37	74S37	CONTRL	A7
4E30-20	!			.7				
				PWR/0.0				
4F01-16(18)	.	%IV	+5.0V	70.0MA	74S153	74S153	NPC	C1
4F01-20	!			.6				
				PWR/0.0				
4F02-16(18)	.	%IV	+5.0V	70.0MA	74S153	74S153	NPC	C2
4F02-20	!			.6				
				PWR/0.0				
4F03-16(18)	.	%IV	+5.0V	70.0MA	74S153	74S153	NPC	C3
4F03-20	!			.6				
				PWR/0.0				
4F04-16(18)	.	%IV	+5.0V	70.0MA	74S153	74S153	NPC	C4
4F04-20	!			.6				
				PWR/0.0				
4F05-16(18)	.	%IV	+5.0V	70.0MA	74S153	74S153	NPC	C5
4F05-20	!			.6				
				PWR/0.0				
4F06-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	LPC	B4
4F06-20	!			.6				
				PWR/0.0				
4F07-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	LPC	B3
4F07-20	!			.6				
				PWR/0.0				
4F08-16(18)	.	%IV	+5.0V	144.0MA	25S07	25S07	LPC	B1
4F08-20	!			.6				
				PWR/0.0				
4F09-14(17)	.	%IV	+5.0V	94.0MA	74S280	74S280	DSPCTI	B1
4F09-20	!			.7				
				PWR/0.0				
4F10-14(17)	\	%IV	+5.0V	94.0MA	74S280	74S280	DSPCTI	B3
4F10001-03(19)	.!	%IV	+5.0V	0.0MA	CAP	HYPASS	CAPS	D1
4F10-20	!			.6				
				BARE				
				PWR/0.0				
4F11-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	SPCW	D3
4F11-20	!			.6				
				PWR/0.0				
4F12-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	SPCW	D4
4F12-20	!			.6				
				PWR/0.0				
4F13-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	SPCW	D6
4F13-20	!			.6				
				PWR/0.0				
4F14-16(18)	.	%IV	+5.0V	120.0MA	25S09	25S09	SPCW	D8
4F14-20	!			.6				
				PWR/0.0				
4F15-16(18)	.	%IV	+5.0V	61.0MA	74S157	74S157	SPCW	C1
4F15-20	!			.6				
				PWR/0.0				
4F16-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	SPCPAR	C1
4F16-20	!			.6				
				PWR/0.0				
4F17-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	SPCPAR	C3
4F17-20	!			.6				
				PWR/0.0				
4F21-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	SPCPAR	C5
4F21-20	!			.6				
				PWR/0.0				
4F23-16(18)	.	%IV	+5.0V	160.0MA	74S169	74S169	SPC	B6
4F23-20	!			.6				
				PWR/0.0				
4F24-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	SPC	B1
4F24-20	!			.6				
				PWR/0.0				
4F25-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	SPC	B2
4F25-20	!			.6				
				PWR/0.0				
4F26-16(18)	.	%IV	+5.0V	80.0MA	93S48	93S48	SPCPAR	C7
4F26-20	!			.6				
				PWR/0.0				
4F28-16(18)	.	%IV	+5.0V	160.0MA	74S169	74S169	SPC	B8
4F28-20	!			.6				
				PWR/0.0				
4F29-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	SPC	D1
4F29-20	!			.6				
				PWR/0.0				
4F30-16(18)	.	%IV	+5.0V	130.0MA	82S21	82S21	SPC	D2
4F30-20	!			.6				
				PWR/0.0				

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WLR 29-FEB-80 2053

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
%1C01-06										
1F26-02(05)	.	II	-2.0	0.5		IN	74S32	74S32	VMFMO	A8
1C01-06(09)	I	IO	20.0	-1.0	7.9	ODD	74S280	74S280	VMFMO	C7
			-2.0(0.5)/20.0(-1.0)							
%1C15-10										
1C21-06(08)	.	II	-2.0	0.5		B0	74S283	74S283	ICC	D6
1C15-10(13)	I	IO	20.0	-1.0	3.2		74S02	74S020	ICC	D5
			-2.0(0.5)/20.0(-1.0)							
%1D16-08										
1D16-08(11)	.	IO	20.0	-1.0			74S51	74S51	VCIL1	A7
1C23-05(07)	I	II	-2.0	0.5	4.5	2D	74S175	74S175	VCIL1	B8
			-2.0(0.5)/20.0(-1.0)							
%1D18-04										
1F07-02(05)	.	IIS	-2.0	0.5			74S08	74S08	OPCD	C2
1D18-04(07)	I	IO	20.0	-1.0	4.4		74S04	74S04	OPCD	C1
			-2.0(0.5)/20.0(-1.0)							
%1D18-06										
1F06-09(12)	.	IIS	-2.0	0.5			74S00	74S00	OPCD	C2
1D18-06(09)	I	IO	20.0	-1.0	5.0		74S04	74S04	OPCD	C1
			-2.0(0.5)/20.0(-1.0)							
%1D23-06										
1D23-06(09)	.	IO	20.0	-1.0		40NS	1D50	1D50	VCIL1	D5
1D22-01(04)	I	II	-2.0	0.5	1.2	IN	1D250	1D250	VCIL1	D6
			-2.0(0.5)/20.0(-1.0)							
%1F17-09										
1F18-11(13)	.	II	-0.80	0.2		I	93S48	93S48	VMFMDR	D3
1F17-09(11)	I	IO	20.0	-1.0	1.0	F	93S48	93S48	VMFMDR	D1
			-0.80(0.2)/20.0(-1.0)							
%2C10-01										
2C10-11(14)	.	II	-2.0	0.5			74S02	74S020	AIUC4	A8
2C10-01(04)	I	IO	20.0	-1.0	.9		74S02	74S02	AIUC4	A7
			-2.0(0.5)/20.0(-1.0)							
%2C15-03										
2C20-13(16)	.	IIS	-2.0	0.5			74S20	74S200	AIUC4	A8
2C15-03(06)	I	IO	20.0	-1.0	1.5		74S00	74S00	AIUC4	A7
			-2.0(0.5)/20.0(-1.0)							
%2C15-06										
2C20-12(15)	.	IIS	-2.0	0.5			74S20	74S200	AIUC4	A8
2C15-06(09)	I	IO	20.0	-1.0	1.3		74S00	74S00	AIUC4	A7
			-2.0(0.5)/20.0(-1.0)							
%2C15-08										
2C20-02(05)	.	IIS	-2.0	0.5			74S20	74S200	AIUC4	B8
2C15-08(11)	I	IO	20.0	-1.0	1.1		74S00	74S00	AIUC4	B7
			-2.0(0.5)/20.0(-1.0)							
%2C15-11										
2C20-04(07)	.	IIS	-2.0	0.5			74S20	74S200	AIUC4	B8
2C15-11(14)	I	IO	20.0	-1.0	1.6		74S00	74S00	AIUC4	B7
			-2.0(0.5)/20.0(-1.0)							
%2F05-06										
2F30-09(12)	.	II	-2.0	0.5			74S02	74S020	ICC	A7
2F05-06(09)	I	IO	20.0	-1.0	6.0		74S86	74S86	ICC	A6
			-2.0(0.5)/20.0(-1.0)							

CADR PROC FSSOR	CADRWD:CADR4 WLR	29-FEB-80	2053								
SIGNAL NAME	Z	TYPE	LOW	HI	INCHFS	USE	DIPTYPE	BODY	FILE	POS	
LOC(PIN#)											
%2F30-13											
3F05-01(04)	.	IIS	-2.0	0.5			74S08	74S08	I CC	B7	
2F30-13(16)	1	IO	20.0	-1.0	3.0		74S02	74S020	I CC	B6	
			-2.0(0.5)/20.0(-1.0)								
%3F05-06											
4D10-03(06)	.	IIS	-2.0	0.5			74S10	74S100	SOURCE	B7	
3F05-06(09)	1	IO	20.0	-1.0	10.0		74S08	74S080	SOURCE	B7	
			-2.0(0.5)/20.0(-1.0)								
%3F07-08											
3F17-03(06)	.	II	-2.0	0.5			74S02	74S020	I CC	A2	
3F07-08(11)	1	IO	20.0	-1.0	2.3		74S00	74S00	I CC	A1	
			-2.0(0.5)/20.0(-1.0)								
%3F18-08											
3F18-12(15)	.	II	-2.0	0.5		IN	74S32	74S32	FLAG	C4	
3F18-08(11)	1	IO	20.0	-1.0	.8	OUT	74S32	74S32	FLAG	B3	
			-2.0(0.5)/20.0(-1.0)								
%3F23-08											
3F28-10(13)	.	IIS	-2.0	0.5			74S64	74S64	CONTRL	C4	
3F23-08(11)	1	IO	20.0	-1.0	1.3		74S00	74S000	CONTRL	A4	
			-2.0(0.5)/20.0(-1.0)								
%3F25-08											
3F25-08(11)	.	IO	20.0	-1.0			74S64	74S64	CONTRL	D6	
3F23-05(08)	1	IIS	-2.0	0.5	1.2		74S00	74S000	CONTRL	C7	
			-2.0(0.5)/20.0(-1.0)								
%3F14-10											
4D06-12(15)	.	IIS	-2.0	0.5			74S08	74S080	MF	D4	
3F14-10(13)	1	IO	20.0	-1.0	8.3		74S02	74S02	MF	D3	
			-2.0(0.5)/20.0(-1.0)								
%3F18-10											
3F18-10(13)	.	IO	20.0	-1.0			74S02	74S020	TRAP	D3	
3F18-05(08)	1	II	-2.0	0.5	.7		74S02	74S02	TRAP	D4	
			-2.0(0.5)/20.0(-1.0)								
%4D06-03											
4F06-01(03)	\	II	-4.0	0.10		SEL	74S157	74S157	I PC	D2	
4F07-01(03)	.1	II	-4.0	0.10	.9	SEL	74S157	74S157	I PC	D4	
4F08-01(03)	1.	II	-4.0	0.10	.9	SEL	74S157	74S157	I PC	D6	
4F09-01(03)	.1	II	-4.0	0.10	.9	SEL	74S157	74S157	I PC	D8	
4D06-03(06)	1	IO	20.0	-1.0	1.7		74S08	74S08	I PC	D1	
			-16.0(0.40)/20.0(-1.0)			8.9				OVERLOADED	2
%4D09-11											
4D09-11(14)	\	IO	20.0	-1.0			74S08	74S08	I CC	D1	
4F03-13(16)	.1	II	-2.0	0.5	3.9	IN	74S32	74S32	I CC	D2	
3F17-08(11)	1	II	-2.0	0.5	4.8		74S02	74S02	I CC	D2	
			-4.0(0.10)/20.0(-1.0)			10.2					
%4F03-08											
4F03-08(11)	.	IO	20.0	-1.0		OUT	74S32	74S320	PDI C II	D7	
4D06-04(07)	1	IIS	-2.0	0.5	2.6		74S08	74S080	PDI C II	D7	
			-2.0(0.5)/20.0(-1.0)								
A0											
3F13-17	.	II	-0.40	0.5		IN5	74S241	74S241	DSPCTI	D8	
2D29-04(06)	1.	II	-2.0	0.5	8.2	D0	74S151	74S151	MOO	D8	
2B28-01(2B26-17)	.1	II	-6.0	0.15	4.1	B0	74S181	74S181	ALUO	D7	
3A04-03	1.	IOI	64.0	-15.0	5.6	OUT5	74S241	74S241	ALATCH	D8	
3A05-19	.1	IOI	20.0	-6.50	.7	Q7	74S373	74S373	ALATCH	B8	
3A30-11(13)	1	II	-0.80	0.2	6.5	I	93S48	93S48	APAR	B1	
			-9.20(0.27)/20.0(-6.50)			31.1					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2053							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPIYF	BODY	FILE	POS
A1	3F13-15	.	II	-0.40	0.5		IN6	74S241	74S241	DSPCIL	D8
	2D28-04(06)	!	II	-2.0	0.5	7.9	D0	74S151	74S151	M00	D7
	2B28-22(2B26-07)	!	II	-6.0	0.15	4.9	B1	74S181	74S181	ALU0	D7
	3A04-05	!	IOI	64.0	-15.0	5.3	OU16	74S241	74S241	ALATCH	B8
	3A05-16	!	IOI	20.0	-6.50	.6	Q6	74S373	74S373	ALATCH	B8
	3A30-12(14)	!	II	-0.80	0.2	6.1	I	93S48	93S48	APAR	B1
A10	3F12-13	.	II	-0.40	0.5		IN7	74S241	74S241	DSPCIL	D6
	2C24-04(06)	!	II	-2.0	0.5	11.9	D0	74S151	74S151	M00	B6
	2B23-20(2B22-15)	!	II	-6.0	0.15	1.8	B2	74S181	74S181	ALU0	D3
	3A03-15	!	IOI	20.0	-6.50	5.3	Q5	74S373	74S373	ALATCH	B6
	3A02-07	!	IOI	64.0	-15.0	.7	OU17	74S241	74S241	ALATCH	D6
	3A30-06(08)	!	II	-0.80	0.2	6.2	I	93S48	93S48	APAR	B1
A11	3F12-11	.	II	-0.40	0.5		IN8	74S241	74S241	DSPCIL	D6
	2C19-04(06)	!	II	-2.0	0.5	12.7	D0	74S151	74S151	M00	B5
	2B23-18(2B22-14)	!	II	-6.0	0.15	2.3	B3	74S181	74S181	ALU0	D3
	3A02-09	!	IOI	64.0	-15.0	5.4	OU18	74S241	74S241	ALATCH	D6
	3A03-12	!	IOI	20.0	-6.50	.6	Q4	74S373	74S373	ALATCH	B6
	3A30-07(09)	!	II	-0.80	0.2	6.1	I	93S48	93S48	APAR	B1
A12	3F12-08	.	II	-0.40	0.5		IN4	74S241	74S241	DSPCIL	D6
	2A23-01(2A21-17)	!	II	-6.0	0.15	14.9	B0	74S181	74S181	ALU0	D2
	2A30-04(06)	!	II	-2.0	0.5	3.1	D0	74S151	74S151	M00	B4
	3A03-09	!	IOI	20.0	-6.50	3.5	Q3	74S373	74S373	ALATCH	B6
	3A02-12	!	IOI	64.0	-15.0	1.2	OU14	74S241	74S241	ALATCH	D6
	3A29-11(13)	!	II	-0.80	0.2	5.9	I	93S48	93S48	APAR	B3
A13	3F12-06	.	II	-0.40	0.5		IN3	74S241	74S241	DSPCIL	D6
	2A23-22(2A21-07)	!	II	-6.0	0.15	14.9	B1	74S181	74S181	ALU0	D2
	2A29-04(06)	!	II	-2.0	0.5	2.3	D0	74S151	74S151	M00	B3
	3A03-06	!	IOI	20.0	-6.50	3.1	Q2	74S373	74S373	ALATCH	B6
	3A02-14	!	IOI	64.0	-15.0	1.3	OU13	74S241	74S241	ALATCH	D6
	3A29-12(14)	!	II	-0.80	0.2	6.0	I	93S48	93S48	APAR	B3
A14	3F12-04	.	II	-0.40	0.5		IN2	74S241	74S241	DSPCIL	D6
	3A29-13(15)	!	II	-0.80	0.2	15.3	I	93S48	93S48	APAR	B3
	3A03-05	!	IOI	20.0	-6.50	6.1	Q1	74S373	74S373	ALATCH	B6
	3A02-16	!	IOI	64.0	-15.0	1.2	OU12	74S241	74S241	ALATCH	D6
	2A23-20(2A22-15)	!	II	-6.0	0.15	4.0	B2	74S181	74S181	ALU0	D2
	2A25-04(06)	!	II	-2.0	0.5	2.2	D0	74S151	74S151	M00	B2
A15	3F12-02	.	II	-0.40	0.5		IN1	74S241	74S241	DSPCIL	D6
	2A23-18(2A22-14)	!	II	-6.0	0.15	15.0	B3	74S181	74S181	ALU0	D2
	2A24-04(06)	!	II	-2.0	0.5	1.8	D0	74S151	74S151	M00	B1
	3A03-02	!	IOI	20.0	-6.50	3.8	Q0	74S373	74S373	ALATCH	B6
	3A02-18	!	IOI	64.0	-15.0	1.3	OU11	74S241	74S241	ALATCH	D6
	3A29-14(16)	!	II	-0.80	0.2	6.2	I	93S48	93S48	APAR	B3
A16	3F11-17	\	II	-0.40	0.5		IN5	74S241	74S241	DSPCIL	D4
	2D19-04(06)	!	II	-2.0	0.5	10.6	D0	74S151	74S151	M01	D8
	2B13-01(2B11-17)	!	II	-6.0	0.15	4.3	B0	74S181	74S181	ALU1	D8
	3B05-03	!	IOI	64.0	-15.0	6.7	OU15	74S241	74S241	ALATCH	D5
	3A01-19	!	IOI	20.0	-6.50	.9	Q7	74S373	74S373	ALATCH	B5
	3A27-17	!	II	-0.20	0.2	6.2	IN5	74IS244	74IS244	SPY2	B2
	3A29-15(17)	!	II	-0.80	0.2	1.4	I	93S48	93S48	APAR	B3

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2053						
SIGNAL NAME											
	LOC(PIN#)	Z	TYPE	LOW	HI	INCHFS	USE	DIPIYPT	BODY	FILE	POS
A17	3F11-15	\	II	-0.40	0.5		IN6	74S241	74S241	DSPCTL	D4
	2D18-04(06)	.1	II	-2.0	0.5	10.4	D0	74S151	74S151	MO1	D7
	2B13-22(2B11-07)	.1	II	-6.0	0.15	5.0	B1	74S181	74S181	ALU1	D8
	3B05-05	.1	IOI	64.0	-15.0	6.5	OU16	74S241	74S241	ALATCH	D5
	3A01-16	.1	IOI	20.0	-6.50	.8	Q6	74S373	74S373	ALATCH	B5
	3A29-01(03)	.1	II	-0.80	0.2	6.0	I	93S48	93S48	APAR	B3
	3A27-15	.1	II	-0.20	0.2	1.8	IN6	74LS244	74LS244	SPY2	B2
				-9.40(0.29)/20.0(-6.50)		38.0					
A18	3A27-13	.	II	-0.20	0.2		IN7	74LS244	74LS244	SPY2	B2
	3A29-02(04)	.1	II	-0.80	0.2	1.8	I	93S48	93S48	APAR	B3
	3A01-15	.1	IOI	20.0	-6.50	6.0	Q5	74S373	74S373	ALATCH	B5
	3B05-07	.1	IOI	64.0	-15.0	.9	OU17	74S241	74S241	ALATCH	D5
	2B13-20(2B12-15)	.1	II	-6.0	0.15	6.7	B2	74S181	74S181	ALU1	D8
	2D14-04(06)	.1	II	-2.0	0.5	4.5	D0	74S151	74S151	MO1	D6
					-9.0(0.24)/20.0(-6.50)		25.9				
A19	3A27-11	.	II	-0.20	0.2		IN8	74LS244	74LS244	SPY2	B2
	3A29-03(05)	.1	II	-0.80	0.2	1.8	I	93S48	93S48	APAR	B3
	3A01-12	.1	IOI	20.0	-6.50	5.9	Q4	74S373	74S373	ALATCH	B5
	3B05-09	.1	IOI	64.0	-15.0	.8	OU18	74S241	74S241	ALATCH	D5
	2B13-18(2B12-14)	.1	II	-6.0	0.15	6.8	B3	74S181	74S181	ALU1	D8
	2D13-04(06)	.1	II	-2.0	0.5	5.1	D0	74S151	74S151	MO1	D5
					-9.0(0.24)/20.0(-6.50)		26.4				
A2	3F13-13	.	II	-0.40	0.5		IN7	74S241	74S241	DSPCTL	D8
	2C30-04(06)	.1	II	-2.0	0.5	11.3	D0	74S151	74S151	MO0	D6
	2B28-20(2B27-15)	.1	II	-6.0	0.15	1.3	B2	74S181	74S181	ALU0	D7
	3A04-07	.1	IOI	64.0	-15.0	5.3	OU17	74S241	74S241	ALATCH	D8
	3A05-15	.1	IOI	20.0	-6.50	.7	Q5	74S373	74S373	ALATCH	B8
	3A30-13(15)	.1	II	-0.80	0.2	5.9	I	93S48	93S48	APAR	B1
					-9.20(0.27)/20.0(-6.50)		30.5				
A20	3A27-08	.	II	-0.20	0.2		IN4	74LS244	74LS244	SPY2	B2
	3A29-04(06)	.1	II	-0.80	0.2	1.5	I	93S48	93S48	APAR	B3
	3A01-09	.1	IOI	20.0	-6.50	5.9	Q3	74S373	74S373	ALATCH	B5
	3B05-12	.1	IOI	64.0	-15.0	1.4	OU14	74S241	74S241	ALATCH	D5
	2B15-04(06)	.1	II	-2.0	0.5	6.7	D0	74S151	74S151	MO1	D4
	2A13-01(2A11-17)	.1	II	-6.0	0.15	.9	B0	74S181	74S181	ALU1	D6
					-9.0(0.24)/20.0(-6.50)		22.4				
A21	3A29-05(07)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B3
	3A27-06	.1	II	-0.20	0.2	1.5	IN3	74LS244	74LS244	SPY2	B2
	3B05-14	.1	IOI	64.0	-15.0	6.1	OU13	74S241	74S241	ALATCH	D5
	3A01-06	.1	IOI	20.0	-6.50	1.5	Q2	74S373	74S373	ALATCH	B5
	2A13-22(2A11-07)	.1	II	-6.0	0.15	6.2	B1	74S181	74S181	ALU1	D6
	2B14-04(06)	.1	II	-2.0	0.5	1.7	D0	74S151	74S151	MO1	D3
					-9.0(0.24)/20.0(-6.50)		23.0				
A22	3A29-06(08)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B3
	3A27-04	.1	II	-0.20	0.2	1.5	IN2	74LS244	74LS244	SPY2	B2
	3A01-05	.1	IOI	20.0	-6.50	5.9	Q1	74S373	74S373	ALATCH	B5
	3B05-16	.1	IOI	64.0	-15.0	1.4	OU12	74S241	74S241	ALATCH	D5
	2A13-20(2A12-15)	.1	II	-6.0	0.15	6.4	B2	74S181	74S181	ALU1	D6
	2B10-04(06)	.1	II	-2.0	0.5	1.9	D0	74S151	74S151	MO1	D2
					-9.0(0.24)/20.0(-6.50)		23.1				
A23	3A29-07(09)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B3
	3A27-02	.1	II	-0.20	0.2	1.7	IN1	74LS244	74LS244	SPY2	B2
	3B05-18	.1	IOI	64.0	-15.0	6.1	OU11	74S241	74S241	ALATCH	D5
	3A01-02	.1	IOI	20.0	-6.50	1.5	Q0	74S373	74S373	ALATCH	B5
	2A13-18(2A12-14)	.1	II	-6.0	0.15	5.9	B3	74S181	74S181	ALU1	D6
	2B09-04(06)	.1	II	-2.0	0.5	2.3	D0	74S151	74S151	MO1	D1
					-9.0(0.24)/20.0(-6.50)		23.5				

CADR PROCESSOR		CADRWD;CADR4 WIR			29-FEB-80 2053						
SIGNAL	NAME										
	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
A24	3A28-14(16)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B5
	3A26-17	1.	II	-0.20	0.2	1.5	IN5	741S244	741S244	SPY2	B1
	3B03-03	1	IOI	64.0	-15.0	6.2	OU15	74S241	74S241	ALATCH	D3
	3B04-19	1.	IOI	20.0	-6.50	.7	Q7	74S373	74S373	ALATCH	B3
	2C14-04(06)	1	II	-2.0	0.5	6.4	D0	74S151	74S151	MO1	B8
	2B08-01(2B06-17)	1	II	-6.0	0.15	2.0	B0	74S181	74S181	ALU1	D4
					-9.0(0.24)/20.0(-6.50)			22.8			
A25	3A28-15(17)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B5
	3A26-15	1.	II	-0.20	0.2	1.5	IN6	741S244	741S244	SPY2	B1
	3B04-16	1	IOI	20.0	-6.50	6.2	Q6	74S373	74S373	ALATCH	B3
	3B03-05	1.	IOI	64.0	-15.0	.6	OU16	74S241	74S241	ALATCH	D3
	2B08-22(2B06-07)	1	II	-6.0	0.15	7.3	B1	74S181	74S181	ALU1	D4
	2D09-04(06)	1	II	-2.0	0.5	4.4	D0	74S151	74S151	MO1	B7
					-9.0(0.24)/20.0(-6.50)			26.0			
A26	3A26-13	.	II	-0.20	0.2		IN7	741S244	741S244	SPY2	B1
	3A28-01(03)	1.	II	-0.80	0.2	1.8	I	93S48	93S48	APAR	B5
	3B03-07	1	IOI	64.0	-15.0	6.2	OU17	74S241	74S241	ALATCH	D3
	3B04-15	1.	IOI	20.0	-6.50	.7	Q5	74S373	74S373	ALATCH	B3
	2B08-20(2B07-15)	1	II	-6.0	0.15	7.5	B2	74S181	74S181	ALU1	D4
	2D04-04(06)	1	II	-2.0	0.5	4.7	D0	74S151	74S151	MO1	B6
					-9.0(0.24)/20.0(-6.50)			26.9			
A27	3A26-11	.	II	-0.20	0.2		IN8	741S244	741S244	SPY2	B1
	3A28-02(04)	1.	II	-0.80	0.2	1.9	I	93S48	93S48	APAR	B5
	3B04-12	1	IOI	20.0	-6.50	6.0	Q4	74S373	74S373	ALATCH	B3
	3B03-09	1.	IOI	64.0	-15.0	.6	OU18	74S241	74S241	ALATCH	D3
	2B08-18(2B07-14)	1	II	-6.0	0.15	7.7	B3	74S181	74S181	ALU1	D4
	2C09-04(06)	1	II	-2.0	0.5	1.9	D0	74S151	74S151	MO1	B5
					-9.0(0.24)/20.0(-6.50)			24.1			
A28	3A28-03(05)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B5
	3A26-08	1.	II	-0.20	0.2	1.5	IN4	741S244	741S244	SPY2	B1
	3B03-12	1	IOI	64.0	-15.0	6.2	OU14	74S241	74S241	ALATCH	D3
	3B04-09	1.	IOI	20.0	-6.50	1.2	Q3	74S373	74S373	ALATCH	B3
	2A15-04(06)	1	II	-2.0	0.5	7.4	D0	74S151	74S151	MO1	B4
	2A08-01(2A06-17)	1	II	-6.0	0.15	3.1	B0	74S181	74S181	ALU1	D3
					-9.0(0.24)/20.0(-6.50)			25.4			
A29	3A28-04(06)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B5
	3A26-06	1.	II	-0.20	0.2	1.4	IN3	741S244	741S244	SPY2	B1
	3B03-14	1	IOI	64.0	-15.0	6.2	OU13	74S241	74S241	ALATCH	D3
	3B04-06	1.	IOI	20.0	-6.50	1.3	Q2	74S373	74S373	ALATCH	B3
	2A14-04(06)	1	II	-2.0	0.5	6.9	D0	74S151	74S151	MO1	B3
	2A08-22(2A06-07)	1	II	-6.0	0.15	2.3	B1	74S181	74S181	ALU1	D3
					-9.0(0.24)/20.0(-6.50)			24.1			
A3	3F13-11	.	II	-0.40	0.5		IN8	74S241	74S241	DSPCII	D8
	2C29-04(06)	1.	II	-2.0	0.5	11.0	D0	74S151	74S151	MO0	D5
	2B28-18(2B27-14)	1	II	-6.0	0.15	1.9	B3	74S181	74S181	ALU0	D7
	3A04-09	1.	IOI	64.0	-15.0	5.3	OU18	74S241	74S241	ALATCH	D8
	3A05-12	1	IOI	20.0	-6.50	.6	Q4	74S373	74S373	ALATCH	B8
	3A30-14(16)	1	II	-0.80	0.2	5.5	I	93S48	93S48	APAR	B1
					-9.20(0.27)/20.0(-6.50)			30.3			
A30	3A28-05(07)	.	II	-0.80	0.2		I	93S48	93S48	APAR	B5
	3A26-04	1.	II	-0.20	0.2	1.5	IN2	741S244	741S244	SPY2	B1
	3B03-16	1	IOI	64.0	-15.0	6.2	OU12	74S241	74S241	ALATCH	D3
	3B04-05	1.	IOI	20.0	-6.50	1.2	Q1	74S373	74S373	ALATCH	B3
	2A08-20(2A07-15)	1	II	-6.0	0.15	7.5	B2	74S181	74S181	ALU1	D3
	2A10-04(06)	1	II	-2.0	0.5	2.2	D0	74S151	74S151	MO1	B2
					-9.0(0.24)/20.0(-6.50)			24.6			

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FFB-80 2053								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIP TYPE	BODY	FILE	POS	
	IOC(PIN#)											
-A31	2C15-02(05)	\	IIS	-2.0	0.5				74S00	74S00	ALUC4	A7
	2C15-10(13)	.1	IIS	-2.0	0.5	.9			74S00	74S00	ALUC4	B7
	2C11-02(05)	1	IO	20.0	-1.0	2.2			74S04	74S04A	ALUC4	B4
				-4.0(0.10)/20.0(-1.0)			4.6					
A31A	3A26-02	.	II	-0.20	0.2			IN1	74S244	74S244	SPY?	B1
	3B04-02	.1	IOI	20.0	-6.50	6.1		Q0	74S373	74S373	ALATCH	B3
	3B03-18	.1	IOI	64.0	-15.0	1.3		OU11	74S241	74S241	ALATCH	D3
	2C15-05(08)	.1	IIS	-2.0	0.5	6.0			74S00	74S00	ALUC4	A7
	2C15-13(16)	.1	IIS	-2.0	0.5	.9			74S00	74S00	ALUC4	B7
	2A03-01(2A01-17)	1	II	-6.0	0.15	4.6		B0	74S181	74S181	ALU1	D1
				-10.20(0.27)/20.0(-6.50)					24.9			
A31B	3A28-06(08)	.	II	-0.80	0.2			I	93S48	93S48	APAR	B5
	3B01-03	.1	IOI	64.0	-15.0	7.5		OU15	74S241	74S241	ALATCH	D1
	3B02-19	.1	IOI	20.0	-6.50	.7		Q7	74S373	74S373	ALATCH	B1
	2C11-01(04)	.1	II	-2.0	0.5	6.8			74S04	74S04A	ALUC4	B4
	2A08-18(2A07-14)	.1	II	-6.0	0.15	6.1		B3	74S181	74S181	ALU1	D3
	2A09-04(06)	1	II	-2.0	0.5	1.8		D0	74S151	74S151	MO1	B1
				-10.80(0.27)/20.0(-6.50)					28.9			
A4	3F13-08	.	II	-0.40	0.5			IN4	74S241	74S241	DSPCTI	D8
	2B30-04(06)	.1	II	-2.0	0.5	13.5		D0	74S151	74S151	MOO	D4
	2A28-01(2A26-17)	.1	II	-6.0	0.15	.9		B0	74S181	74S181	ALU0	D5
	3A04-12	.1	IOI	64.0	-15.0	3.9		OU14	74S241	74S241	ALATCH	D8
	3A05-09	.1	IOI	20.0	-6.50	1.2		Q3	74S373	74S373	ALATCH	B8
	3A30-15(17)	1	II	-0.80	0.2	5.5		I	93S48	93S48	APAR	B1
				-9.20(0.27)/20.0(-6.50)			31.0					
A5	3F13-06	.	II	-0.40	0.5			IN3	74S241	74S241	DSPCTI	D8
	2B29-04(06)	.1	II	-2.0	0.5	13.0		D0	74S151	74S151	MOO	D3
	2A28-22(2A26-07)	.1	II	-6.0	0.15	1.7		B1	74S181	74S181	ALU0	D5
	3A04-14	.1	IOI	64.0	-15.0	3.3		OU13	74S241	74S241	ALATCH	D8
	3A05-06	.1	IOI	20.0	-6.50	1.3		Q2	74S373	74S373	ALATCH	B8
	3A30-01(03)	1	II	-0.80	0.2	5.6		I	93S48	93S48	APAR	B1
				-9.20(0.27)/20.0(-6.50)			30.9					
A6	3F13-04	.	II	-0.40	0.5			IN2	74S241	74S241	DSPCTI	D8
	2B25-04(06)	.1	II	-2.0	0.5	13.8		D0	74S151	74S151	MOO	D2
	2A28-20(2A27-15)	.1	II	-6.0	0.15	1.9		B2	74S181	74S181	ALU0	D5
	3A04-16	.1	IOI	64.0	-15.0	3.1		OU12	74S241	74S241	ALATCH	D8
	3A05-05	.1	IOI	20.0	-6.50	1.2		Q1	74S373	74S373	ALATCH	B8
	3A30-02(04)	1	II	-0.80	0.2	5.8		I	93S48	93S48	APAR	B1
				-9.20(0.27)/20.0(-6.50)			31.8					
A7	3F13-02	.	II	-0.40	0.5			IN1	74S241	74S241	DSPCTI	D8
	2B24-04(06)	.1	II	-2.0	0.5	13.3		D0	74S151	74S151	MOO	D1
	2A28-18(2A27-14)	.1	II	-6.0	0.15	2.3		B3	74S181	74S181	ALU0	D5
	3A04-18	.1	IOI	64.0	-15.0	2.9		OU11	74S241	74S241	ALATCH	D8
	3A05-02	.1	IOI	20.0	-6.50	1.3		Q0	74S373	74S373	ALATCH	B8
	3A30-03(05)	1	II	-0.80	0.2	6.2		I	93S48	93S48	APAR	B1
				-9.20(0.27)/20.0(-6.50)			32.0					
A8	3F12-17	.	II	-0.40	0.5			IN5	74S241	74S241	DSPCTI	D6
	2B24-04(06)	.1	II	-2.0	0.5	9.5		D0	74S151	74S151	MOO	B8
	2B23-01(2B21-17)	.1	II	-6.0	0.15	4.1		B0	74S181	74S181	ALU0	D3
	3A03-19	.1	IOI	20.0	-6.50	5.5		Q7	74S373	74S373	ALATCH	B6
	3A02-03	.1	IOI	64.0	-15.0	.7		OU15	74S241	74S241	ALATCH	D6
	3A30-04(06)	1	II	-0.80	0.2	6.4		I	93S48	93S48	APAR	B1
				-9.20(0.27)/20.0(-6.50)			32.2					

CADR PROCESSOR		CADRWD;CADR4 WIR			29-FEB-80 2053							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
A9	3F12-15	.	II	-0.40	0.5			IN6	74S241	74S241	DSPCTL	D6
	2D23-04(06)	.1	II	-2.0	0.5	9.3		D0	74S151	74S151	M00	B7
	2B23-22(2B21-07)	.1	II	-6.0	0.15	4.9		B1	74S181	74S181	AIU0	D3
	3A02-05	.1	IOI	64.0	-15.0	5.2		OUI6	74S241	74S241	AIATCH	D6
	3A03-16	.1	IOI	20.0	-6.50	.6		Q6	74S373	74S373	AIATCH	B6
	3A30-05(07)	.1	II	-0.80	0.2	6.3		I	93S48	93S48	APAR	B1
-9.20(0.27)/20.0(-6.50) 32.3												
A-M	3F17-17(15)	\	II	-2.0	0.5				74S02	74S020	FLAG	B4
	3F13-01(03)	.1	II	-2.0	0.5	2.1		D3	74S151	74S151	FLAG	D7
	2F15-02	.1	IOI		-2.50	9.0			RES20	RES20	MSKG4	B5
	2B08-14(13)	.1	IOC	20.0		7.3		A-B	74S181	74S181	AIU1	D4
	2B13-14(13)	.1	IOC	20.0		1.5		A-B	74S181	74S181	AIU1	D8
	2B23-14(13)	.1	IOC	20.0		2.6		A-B	74S181	74S181	AIU0	D3
	2B28-14(13)	.1	IOC	20.0		1.5		A-B	74S181	74S181	AIU0	D7
	2A28-14(13)	.1	IOC	20.0		3.1		A-B	74S181	74S181	AIU0	D5
	2A23-14(13)	.1	IOC	20.0		1.5		A-B	74S181	74S181	AIU0	D2
	2A13-14(13)	.1	IOC	20.0		2.6		A-B	74S181	74S181	AIU1	D6
	2A08-14(13)	.1	IOC	20.0		1.5		A-B	74S181	74S181	AIU1	D3
	-4.0(0.10)/20.0(-2.50) 46.2											
AA0	3F13-03	\	IOI	64.0	-15.0			OUI5	74S241	74S241	DSPCTL	D8
	3F08-15(17)	.1	II	-0.40	0.2	1.5		D1	93425A	93425A	DRAM0	D8
	3F09-15(17)	.1	II	-0.40	0.2	.9		D1	93425A	93425A	DRAM0	B8
	1F13-17	.1	II	-0.20	0.2	15.8		IN5	74LS244	74LS244	SPY2	B5
	1F14-18	.1	II	-0.25	0.5	1.0		D7	74S374	74S374	IWR	D2
-1.25(0.11)/64.0(-15.0) 23.7												
AA1	3F13-05	\	IOI	64.0	-15.0			OUI6	74S241	74S241	DSPCTL	D8
	3F07-15(17)	.1	II	-0.40	0.2	1.9		D1	93425A	93425A	DRAM0	B7
	3F06-15(17)	.1	II	-0.40	0.2	.9		D1	93425A	93425A	DRAM0	D7
	1F13-15	.1	II	-0.20	0.2	15.6		IN6	74LS244	74LS244	SPY2	B5
	1F14-17	.1	II	-0.25	0.5	1.0		D6	74S374	74S374	IWR	D2
-1.25(0.11)/64.0(-15.0) 23.9												
AA10	3F12-07	\	IOI	64.0	-15.0			OUI7	74S241	74S241	DSPCTL	D6
	2F09-15(17)	.1	II	-0.40	0.2	10.2		D1	93425A	93425A	DRAM1	B5
	2F08-15(17)	.1	II	-0.40	0.2	.9		D1	93425A	93425A	DRAM1	D5
	1F11-13	.1	II	-0.20	0.2	7.1		IN7	74LS244	74LS244	SPY2	B4
	1F12-14	.1	II	-0.25	0.5	1.0		D5	74S374	74S374	IWR	D1
-1.25(0.11)/64.0(-15.0) 23.7												
AA11	3F12-09	\	IOI	64.0	-15.0			OUI8	74S241	74S241	DSPCTL	D6
	2F07-15(17)	.1	II	-0.40	0.2	10.4		D1	93425A	93425A	DRAM1	B4
	2F06-15(17)	.1	II	-0.40	0.2	.9		D1	93425A	93425A	DRAM1	D4
	1F11-11	.1	II	-0.20	0.2	6.8		IN8	74LS244	74LS244	SPY2	B4
	1F12-13	.1	II	-0.25	0.5	1.0		D4	74S374	74S374	IWR	D1
-1.25(0.11)/64.0(-15.0) 23.6												
AA12	3F12-12	\	IOI	64.0	-15.0			OUI4	74S241	74S241	DSPCTL	D6
	1F28-15(17)	.1	II	-0.40	0.2	14.1		D1	93425A	93425A	DRAM2	D8
	1F29-15(17)	.1	II	-0.40	0.2	.9		D1	93425A	93425A	DRAM2	B8
	1F12-08	.1	II	-0.25	0.5	3.4		D3	74S374	74S374	IWR	D1
	1F11-08	.1	II	-0.20	0.2	.9		IN4	74LS244	74LS244	SPY2	B4
-1.25(0.11)/64.0(-15.0) 23.8												
AA13	3F12-14	\	IOI	64.0	-15.0			OUI3	74S241	74S241	DSPCTL	D6
	1F26-15(17)	.1	II	-0.40	0.2	13.9		D1	93425A	93425A	DRAM2	D7
	1F27-15(17)	.1	II	-0.40	0.2	.9		D1	93425A	93425A	DRAM2	B7
	1F12-07	.1	II	-0.25	0.5	3.5		D2	74S374	74S374	IWR	D1
	1F11-06	.1	II	-0.20	0.2	1.0		IN3	74LS244	74LS244	SPY2	B4
-1.25(0.11)/64.0(-15.0) 23.8												

CADR PROCESSOR		CADRWD;CADR4 WIR				29-FEB-80 2053					
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	IOC(PIN#)										
AA14	3F12-16	N	TOI	64.0	-15.0		OUT2	74S241	74S241	DSPCTL	D6
	1F24-15(17)	.1	II	-0.40	0.2	14.8	D1	93425A	93425A	DRAM2	B6
	1F23-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM2	D6
	1F12-04	.1	II	-0.25	0.5	2.7	D1	74S374	74S374	IWR	D1
	1F11-04	I	II	-0.20	0.2	.9	IN2	74LS244	74LS244	SPY2	B4
				-1.25(0.11)/64.0(-15.0)			23.8				
AA15	3F12-18	N	TOI	64.0	-15.0		OUT11	74S241	74S241	DSPCTL	D6
	1F21-15(17)	.1	II	-0.40	0.2	14.6	D1	93425A	93425A	DRAM2	D6
	1F22-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM2	B6
	1F12-03	.1	II	-0.25	0.5	2.8	D0	74S374	74S374	IWR	D1
	1F11-02	I	II	-0.20	0.2	1.0	IN1	74LS244	74LS244	SPY2	B4
				-1.25(0.11)/64.0(-15.0)			23.8				
AA16	3F11-03	N	TOI	64.0	-15.0		OUT15	74S241	74S241	DSPCTL	D4
	1F19-15(17)	.1	II	-0.40	0.2	15.7	D1	93425A	93425A	DRAM2	B5
	1F18-15(17)	I	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM2	D5
				-0.80(0.4)/64.0(-15.0)			18.1				
AA17	3F11-05	N	TOI	64.0	-15.0		OUT16	74S241	74S241	DSPCTL	D4
	1F17-15(17)	.1	II	-0.40	0.2	15.9	D1	93425A	93425A	DRAM2	B4
	1F16-15(17)	I	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM2	D4
				-0.80(0.4)/64.0(-15.0)			18.3				
AA2	3F13-07	N	TOI	64.0	-15.0		OUT17	74S241	74S241	DSPCTL	D8
	3F03-15(17)	.1	II	-0.40	0.2	3.0	D1	93425A	93425A	DRAM0	D6
	3F04-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM0	B6
	1F13-13	.1	II	-0.20	0.2	14.3	IN7	74LS244	74LS244	SPY2	B5
	1F14-14	I	II	-0.25	0.5	1.0	D5	74S374	74S374	IWR	D2
				-1.25(0.11)/64.0(-15.0)			23.7				
AA3	3F13-09	N	TOI	64.0	-15.0		OUT18	74S241	74S241	DSPCTL	D8
	3F02-15(17)	.1	II	-0.40	0.2	3.3	D1	93425A	93425A	DRAM0	B6
	3F01-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM0	D6
	1F13-11	.1	II	-0.20	0.2	14.1	IN8	74LS244	74LS244	SPY2	B5
	1F14-13	I	II	-0.25	0.5	1.0	D4	74S374	74S374	IWR	D2
				-1.25(0.11)/64.0(-15.0)			23.8				
AA4	3F13-12	N	TOI	64.0	-15.0		OUT14	74S241	74S241	DSPCTL	D8
	2F28-15(17)	.1	II	-0.40	0.2	5.7	D1	93425A	93425A	DRAM0	D5
	2F29-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM0	B5
	1F14-08	.1	II	-0.25	0.5	11.7	D3	74S374	74S374	IWR	D2
	1F13-08	I	II	-0.20	0.2	.9	IN4	74LS244	74LS244	SPY2	B5
				-1.25(0.11)/64.0(-15.0)			23.7				
AA5	3F13-14	N	TOI	64.0	-15.0		OUT13	74S241	74S241	DSPCTL	D8
	2F26-15(17)	.1	II	-0.40	0.2	5.6	D1	93425A	93425A	DRAM0	D4
	2F27-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM0	B4
	1F14-07	.1	II	-0.25	0.5	11.9	D2	74S374	74S374	IWR	D2
	1F13-06	I	II	-0.20	0.2	1.0	IN3	74LS244	74LS244	SPY2	B5
				-1.25(0.11)/64.0(-15.0)			23.9				
AA6	3F13-16	N	TOI	64.0	-15.0		OUT2	74S241	74S241	DSPCTL	D8
	2F18-15(17)	.1	II	-0.40	0.2	7.5	D1	93425A	93425A	DRAM1	D8
	2F19-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM1	B8
	1F14-04	.1	II	-0.25	0.5	9.9	D1	74S374	74S374	IWR	D2
	1F13-04	I	II	-0.20	0.2	.9	IN2	74LS244	74LS244	SPY2	B5
				-1.25(0.11)/64.0(-15.0)			23.7				
AA7	3F13-18	N	TOI	64.0	-15.0		OUT11	74S241	74S241	DSPCTL	D8
	2F16-15(17)	.1	II	-0.40	0.2	7.4	D1	93425A	93425A	DRAM1	D7
	2F17-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM1	B7
	1F14-03	.1	II	-0.25	0.5	10.1	D0	74S374	74S374	IWR	D2
	1F13-02	I	II	-0.20	0.2	1.0	IN1	74LS244	74LS244	SPY2	B5
				-1.25(0.11)/64.0(-15.0)			23.9				

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WLR

29-FEB-80 2053

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
AA8	3F12-03	\	IOI	64.0	-15.0		OU15	74S241	74S241	DSPCTL	D6
	2F14-15(17)	.1	II	-0.40	0.2	8.7	D1	93425A	93425A	DRAM1	B6
	2F13-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM1	D6
	1F12-18	.1	II	-0.25	0.5	8.9	D7	74S374	74S374	IWR	D1
	1F11-17	.1	II	-0.20	0.2	1.0	IN5	741S244	741S244	SPY2	B4
				-1.25(0.11)/64.0(-15.0)		24.0					
AA9	3F12-05	\	IOI	64.0	-15.0		OU16	74S241	74S241	DSPCTL	D6
	2F11-15(17)	.1	II	-0.40	0.2	8.9	D1	93425A	93425A	DRAM1	D6
	2F12-15(17)	.1	II	-0.40	0.2	.9	D1	93425A	93425A	DRAM1	B6
	1F11-15	.1	II	-0.20	0.2	8.4	IN6	741S244	741S244	SPY2	B4
	1F12-17	.1	II	-0.25	0.5	1.0	D6	74S374	74S374	IWR	D1
				-1.25(0.11)/64.0(-15.0)		23.7					
-AADR0A	3B25-02(04)	\	II	-0.40	0.2		A0	93425A	93425A	AMFM1	B7
	3B24-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	B5
	3B23-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	B3
	3B22-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	B1
	3B17-02(04)	.1	II	-0.40	0.2	1.5	A0	93425A	93425A	AMFM1	B2
	3B18-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	B4
	3B19-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	B6
	3B20-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	B8
	3A16-04(06)	.1	IOI	20.0	-1.0	1.2	-OUI	74S258	74S258	ACTL	D3
	3A17-02(04)	.1	II	-0.40	0.2	1.0	A0	93425A	93425A	AMFM1	D2
	3A18-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	D4
	3A19-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	D6
	3A20-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	D8
	3A25-02(04)	.1	II	-0.40	0.2	1.5	A0	93425A	93425A	AMFM1	D7
	3A24-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	D5
	3A23-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	D3
	3A22-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM1	D1
				-6.40(0.32)/20.0(-1.0)		38.5					
-AADR0B	3A11-02(04)	.1	II	-0.40	0.2		A0	93425A	93425A	AMFM0	D2
	3A13-02(04)	.1	II	-0.40	0.2	1.4	A0	93425A	93425A	AMFM0	D4
	3A14-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	D5
	3A15-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	D7
	3A10-02(04)	.1	II	-0.40	0.2	1.5	A0	93425A	93425A	AMFM0	D8
	3A09-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	D6
	3A08-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	D4
	3A07-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	D3
	3A06-04(06)	.1	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACTL	D6
	3B10-02(04)	.1	II	-0.40	0.2	1.2	A0	93425A	93425A	AMFM0	B8
	3B09-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B6
	3B08-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B4
	3B07-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B3
	3B06-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B1
	3B11-02(04)	.1	II	-0.40	0.2	1.5	A0	93425A	93425A	AMFM0	B2
	3B12-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B4
	3B13-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B5
	3B14-02(04)	.1	II	-0.40	0.2	.9	A0	93425A	93425A	AMFM0	B7
				-6.80(0.34)/20.0(-1.0)		41.4					
-AADR1A	3B25-03(05)	\	II	-0.40	0.2		A1	93425A	93425A	AMFM1	B7
	3B24-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	B5
	3B23-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	B3
	3B22-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	B1
	3B17-03(05)	.1	II	-0.40	0.2	1.5	A1	93425A	93425A	AMFM1	B2
	3B18-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	B4
	3B19-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	B6
	3B20-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	B8
	3A16-07(09)	.1	IOI	20.0	-1.0	1.3	-OUI	74S258	74S258	ACTL	D3
	3A17-03(05)	.1	II	-0.40	0.2	1.1	A1	93425A	93425A	AMFM1	D2
	3A18-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	D4
	3A19-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	D6
	3A20-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	D8
	3A25-03(05)	.1	II	-0.40	0.2	1.5	A1	93425A	93425A	AMFM1	D7
	3A24-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	D5
	3A23-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	D3
	3A22-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM1	D1
				-6.40(0.32)/20.0(-1.0)		38.7					

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

29-FEB-80 2053

LOC(PIN#)	Z	TYPE	TOW	HI	INCHES	USE	DIPIYPE	BODY	FILE	POS
-AADR1B 3B14-03(05)	.	II	-0.40	0.2		A1	93425A	93425A	AMFM0	B7
3B13-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B5
3B12-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B4
3B11-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B2
3B06-03(05)	!	II	-0.40	0.2	1.5	A1	93425A	93425A	AMFM0	B1
3B07-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B3
3B08-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B4
3B09-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B6
3B10-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	B8
3A06-07(09)	!	IOI	20.0	-1.0	1.3	-OUI	74S258	74S258	ACIL	D6
3A07-03(05)	!	II	-0.40	0.2	1.1	A1	93425A	93425A	AMFM0	D3
3A08-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	D4
3A09-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	D6
3A10-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	D8
3A15-03(05)	!	II	-0.40	0.2	1.5	A1	93425A	93425A	AMFM0	D7
3A14-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	D5
3A13-03(05)	!	II	-0.40	0.2	.9	A1	93425A	93425A	AMFM0	D4
3A11-03(05)	!	II	-0.40	0.2	1.4	A1	93425A	93425A	AMFM0	D2
			-6.80(0.34)/20.0(-1.0)			41.6				
-AADR2A 3B25-04(06)	\	II	-0.40	0.2		A2	93425A	93425A	AMFM1	B7
3B24-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	B5
3B23-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	B3
3B22-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	B1
3B17-04(06)	!	II	-0.40	0.2	1.5	A2	93425A	93425A	AMFM1	B2
3B18-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	B4
3B19-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	B6
3B20-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	B8
3A16-09(11)	!	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACIL	D3
3A17-04(06)	!	II	-0.40	0.2	1.3	A2	93425A	93425A	AMFM1	D2
3A18-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	D4
3A19-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	D6
3A20-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	D8
3A25-04(06)	!	II	-0.40	0.2	1.5	A2	93425A	93425A	AMFM1	D7
3A24-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	D5
3A23-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	D3
3A22-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM1	D1
			-6.40(0.32)/20.0(-1.0)			38.6				
-AADR2B 3B14-04(06)	.	II	-0.40	0.2		A2	93425A	93425A	AMFM0	B7
3B13-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B5
3B12-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B4
3B11-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B2
3B06-04(06)	!	II	-0.40	0.2	1.5	A2	93425A	93425A	AMFM0	B1
3B07-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B3
3B08-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B4
3B09-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B6
3B10-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	B8
3A06-09(11)	!	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACIL	D6
3A11-04(06)	!	II	-0.40	0.2	1.2	A2	93425A	93425A	AMFM0	D2
3A13-04(06)	!	II	-0.40	0.2	1.4	A2	93425A	93425A	AMFM0	D4
3A14-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	D5
3A15-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	D7
3A10-04(06)	!	II	-0.40	0.2	1.5	A2	93425A	93425A	AMFM0	D8
3A09-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	D6
3A08-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	D4
3A07-04(06)	!	II	-0.40	0.2	.9	A2	93425A	93425A	AMFM0	D3
			-6.80(0.34)/20.0(-1.0)			41.4				
-AADR3A 3B25-05(07)	\	II	-0.40	0.2		A3	93425A	93425A	AMFM1	B7
3B24-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	B5
3B23-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	B3
3B22-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	B1
3B17-05(07)	!	II	-0.40	0.2	1.5	A3	93425A	93425A	AMFM1	B2
3B18-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	B4
3B19-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	B6
3B20-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	B8
3A16-12(14)	!	IOI	20.0	-1.0	.8	-OUI	74S258	74S258	ACIL	D3
3A17-05(07)	!	II	-0.40	0.2	1.2	A3	93425A	93425A	AMFM1	D2
3A18-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	D4
3A19-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	D6
3A20-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	D8
3A25-05(07)	!	II	-0.40	0.2	1.5	A3	93425A	93425A	AMFM1	D7
3A24-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	D5
3A23-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	D3
3A22-05(07)	!	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM1	D1
			-6.40(0.32)/20.0(-1.0)			38.3				

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WLR

29-FEB-80 2053

LOC(PIN#)	Z	TYPE	IOW	HI	INCHES	USE	DIFTYPE	BODY	FILE	POS
-ADDR3B 3A11-05(07)	.	II	-0.40	0.2		A3	93425A	93425A	AMFM0	D2
3A13-05(07)	1.	II	-0.40	0.2	1.4	A3	93425A	93425A	AMFM0	D4
3A14-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	D5
3A15-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	D7
3A10-05(07)	1.	II	-0.40	0.2	1.5	A3	93425A	93425A	AMFM0	D8
3A09-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	D6
3A08-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	D4
3A07-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	D3
3A06-12(14)	1.	IOI	20.0	-1.0	1.2	-OUI	74S258	74S258	ACTI	D6
3B10-05(07)	1.	II	-0.40	0.2	.8	A3	93425A	93425A	AMFM0	B8
3B09-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B6
3B08-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B4
3B07-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B3
3B06-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B1
3B11-05(07)	1.	II	-0.40	0.2	1.5	A3	93425A	93425A	AMFM0	B2
3B12-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B4
3B13-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B5
3B14-05(07)	1.	II	-0.40	0.2	.9	A3	93425A	93425A	AMFM0	B7
			-6.80(0.34)/20.0(-1.0)		41.2					
-ADDR4A 3B20-06(08)	\	II	-0.40	0.2		A4	93425A	93425A	AMFM1	B8
3B19-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	B6
3B18-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	B4
3B17-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	B2
3B27-06(08)	1.	II	-0.40	0.2	1.5	A4	93425A	93425A	AMFM1	B1
3B23-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	B3
3B24-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	B5
3B25-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	B7
3A21-04(06)	1.	IOI	20.0	-1.0	1.2	-OUI	74S258	74S258	ACTI	D1
3A22-06(08)	1.	II	-0.40	0.2	1.0	A4	93425A	93425A	AMFM1	D1
3A23-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	D3
3A24-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	D5
3A25-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	D7
3A20-06(08)	1.	II	-0.40	0.2	1.5	A4	93425A	93425A	AMFM1	D8
3A19-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	D6
3A18-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	D4
3A17-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM1	D2
			-6.40(0.32)/20.0(-1.0)		38.5					
-ADDR4B 3B14-06(08)	.	II	-0.40	0.2		A4	93425A	93425A	AMFM0	B7
3B13-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B5
3B12-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B4
3B11-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B2
3B06-06(08)	1.	II	-0.40	0.2	1.5	A4	93425A	93425A	AMFM0	B1
3B07-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B3
3B08-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B4
3B09-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B6
3B10-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	B8
3A07-06(08)	1.	II	-0.40	0.2	1.6	A4	93425A	93425A	AMFM0	D3
3A08-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	D4
3A09-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	D6
3A10-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	D8
3A15-06(08)	1.	II	-0.40	0.2	1.5	A4	93425A	93425A	AMFM0	D7
3A14-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	D5
3A13-06(08)	1.	II	-0.40	0.2	.9	A4	93425A	93425A	AMFM0	D4
3A12-04(06)	1.	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACTI	D5
3A11-06(08)	1.	II	-0.40	0.2	1.0	A4	93425A	93425A	AMFM0	D2
			-6.80(0.34)/20.0(-1.0)		41.4					
-ADDR5A 3B20-09(11)	\	II	-0.40	0.2		A5	93425A	93425A	AMFM1	B8
3B19-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	B6
3B18-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	B4
3B17-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	B2
3B22-09(11)	1.	II	-0.40	0.2	1.5	A5	93425A	93425A	AMFM1	B1
3B23-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	B3
3B24-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	B5
3B25-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	B7
3A21-07(09)	1.	IOI	20.0	-1.0	1.5	-OUI	74S258	74S258	ACTI	D1
3A22-09(11)	1.	II	-0.40	0.2	.7	A5	93425A	93425A	AMFM1	D1
3A23-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	D3
3A24-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	D5
3A25-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	D7
3A20-09(11)	1.	II	-0.40	0.2	1.5	A5	93425A	93425A	AMFM1	D8
3A19-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	D6
3A18-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	D4
3A17-09(11)	1.	II	-0.40	0.2	.9	A5	93425A	93425A	AMFM1	D2
			-6.40(0.32)/20.0(-1.0)		38.5					

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WLR

29-FEB-80 2053

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DTP1YFP	BODY	FILE	POS
-AADR5B	3B10-09(11)	.	TI	-0.40	0.2		A5	93425A	93425A	AMFMO	B8
	3B09-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B6
	3B08-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B4
	3B07-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B3
	3B06-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B1
	3B11-09(11)	1.	TI	-0.40	0.2	1.5	A5	93425A	93425A	AMFMO	B2
	3B12-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B4
	3B13-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B5
	3B14-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	B7
	3A11-09(11)	1.	TI	-0.40	0.2	1.6	A5	93425A	93425A	AMFMO	D2
	3A12-07(09)	1.	IOI	20.0	-1.0	1.3	-OUI	74S258	74S258	ACII	D5
	3A13-09(11)	1.	TI	-0.40	0.2	.7	A5	93425A	93425A	AMFMO	D4
	3A14-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	D5
	3A15-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	D7
	3A10-09(11)	1.	TI	-0.40	0.2	1.5	A5	93425A	93425A	AMFMO	D8
	3A09-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	D6
	3A08-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	D4
	3A07-09(11)	1.	TI	-0.40	0.2	.9	A5	93425A	93425A	AMFMO	D3
				-6.80(0.34)/20.0(-1.0)			41.4				
-AADR6A	3B20-10(12)	\	TI	-0.40	0.2		A6	93425A	93425A	AMFM1	B8
	3B19-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	B6
	3B18-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	B4
	3B17-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	B2
	3B22-10(12)	1.	TI	-0.40	0.2	1.5	A6	93425A	93425A	AMFM1	B1
	3B23-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	B3
	3B24-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	B5
	3B25-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	B7
	3A21-09(11)	1.	IOI	20.0	-1.0	1.2	-OUI	74S258	74S258	ACII	D1
	3A22-10(12)	1.	TI	-0.40	0.2	1.0	A6	93425A	93425A	AMFM1	D1
	3A23-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	D3
	3A24-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	D5
	3A25-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	D7
	3A20-10(12)	1.	TI	-0.40	0.2	1.5	A6	93425A	93425A	AMFM1	D8
	3A19-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	D6
	3A18-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	D4
	3A17-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFM1	D2
				-6.40(0.32)/20.0(-1.0)			38.5				
-AADR6B	3B10-10(12)	.	TI	-0.40	0.2		A6	93425A	93425A	AMFMO	B8
	3B09-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B6
	3B08-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B4
	3B07-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B3
	3B06-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B1
	3B11-10(12)	1.	TI	-0.40	0.2	1.5	A6	93425A	93425A	AMFMO	B2
	3B12-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B4
	3B13-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B5
	3B14-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	B7
	3A11-10(12)	1.	TI	-0.40	0.2	1.6	A6	93425A	93425A	AMFMO	D2
	3A12-09(11)	1.	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACII	D5
	3A13-10(12)	1.	TI	-0.40	0.2	1.0	A6	93425A	93425A	AMFMO	D4
	3A14-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	D5
	3A15-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	D7
	3A10-10(12)	1.	TI	-0.40	0.2	1.5	A6	93425A	93425A	AMFMO	D8
	3A09-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	D6
	3A08-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	D4
	3A07-10(12)	1.	TI	-0.40	0.2	.9	A6	93425A	93425A	AMFMO	D3
				-6.80(0.34)/20.0(-1.0)			41.4				
-AADR7A	3B20-11(13)	\	TI	-0.40	0.2		A7	93425A	93425A	AMFM1	B8
	3B19-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	B6
	3B18-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	B4
	3B17-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	B2
	3B22-11(13)	1.	TI	-0.40	0.2	1.5	A7	93425A	93425A	AMFM1	B1
	3B23-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	B3
	3B24-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	B5
	3B25-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	B7
	3A21-12(14)	1.	IOI	20.0	-1.0	1.2	-OUI	74S258	74S258	ACII	D1
	3A22-11(13)	1.	TI	-0.40	0.2	1.0	A7	93425A	93425A	AMFM1	D1
	3A23-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	D3
	3A24-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	D5
	3A25-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	D7
	3A20-11(13)	1.	TI	-0.40	0.2	1.5	A7	93425A	93425A	AMFM1	D8
	3A19-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	D6
	3A18-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	D4
	3A17-11(13)	1.	TI	-0.40	0.2	.9	A7	93425A	93425A	AMFM1	D2
				-6.40(0.32)/20.0(-1.0)			38.5				

CADR PROFESSOR

CADRWD:CADR4 WLR

29-FEB-80 2053

SIGNAL NAME

LOC(PIN#)	Z	TYPE	IOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-AADR7B 3B14-11(13)	.	II	-0.40	0.2		A7	93425A	93425A	AMFMO	B7
3B13-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B5
3B12-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B4
3B11-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B2
3B06-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	AMFMO	B1
3B07-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B3
3B08-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B4
3B09-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B6
3B10-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	B8
3A07-11(13)	.1	II	-0.40	0.2	1.6	A7	93425A	93425A	AMFMO	D3
3A08-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	D4
3A09-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	D6
3A10-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	D8
3A15-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	AMFMO	D7
3A14-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	D5
3A13-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	AMFMO	D4
3A12-12(14)	.1	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACTL	D5
3A11-11(13)	.1	II	-0.40	0.2	1.0	A7	93425A	93425A	AMFMO	D2
			-6.80(0.34)/20.0(-1.0)			41.4				
-AADR8A 3B15-04(06)	\	IOI	20.0	-1.0		-OUI	74S258	74S258	ACTL	D4
3B20-12(14)	.1	II	-0.40	0.2	1.7	A8	93425A	93425A	AMFMO	B8
3B19-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B6
3B18-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B4
3B17-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B2
3B22-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	AMFMO	B1
3B23-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B3
3B24-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B5
3B25-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B7
3A22-12(14)	.1	II	-0.40	0.2	1.6	A8	93425A	93425A	AMFMO	D1
3A23-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D3
3A24-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D5
3A25-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D7
3A20-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	AMFMO	D8
3A19-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D6
3A18-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D4
3A17-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D2
			-6.40(0.32)/20.0(-1.0)			39.6				
-AADR8B 3B10-12(14)	.	II	-0.40	0.2		A8	93425A	93425A	AMFMO	B8
3B09-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B6
3B08-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B4
3B07-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B3
3B06-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B1
3B11-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	AMFMO	B2
3B12-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B4
3B13-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B5
3B14-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	B7
3B15-09(11)	.1	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACTL	D4
3A11-12(14)	.1	II	-0.40	0.2	1.2	A8	93425A	93425A	AMFMO	D2
3A13-12(14)	.1	II	-0.40	0.2	1.4	A8	93425A	93425A	AMFMO	D4
3A14-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D5
3A15-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D7
3A10-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	AMFMO	D8
3A09-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D6
3A08-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D4
3A07-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	AMFMO	D3
			-6.80(0.34)/20.0(-1.0)			41.4				
-AADR9A 3B15-07(09)	\	IOI	20.0	-1.0		-OUI	74S258	74S258	ACTL	D4
3B20-13(15)	.1	II	-0.40	0.2	1.3	A9	93425A	93425A	AMFMO	B8
3B19-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B6
3B18-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B4
3B17-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B2
3B22-13(15)	.1	II	-0.40	0.2	1.5	A9	93425A	93425A	AMFMO	B1
3B23-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B3
3B24-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B5
3B25-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B7
3A22-13(15)	.1	II	-0.40	0.2	1.6	A9	93425A	93425A	AMFMO	D1
3A23-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D3
3A24-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D5
3A25-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D7
3A20-13(15)	.1	II	-0.40	0.2	1.5	A9	93425A	93425A	AMFMO	D8
3A19-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D6
3A18-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D4
3A17-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D2
			-6.40(0.32)/20.0(-1.0)			39.2				

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

29-FEB-80 2053

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPIYPE	BODY	FILE	POS
-AADR9B	3B10-13(15)	.	II	-0.40	0.2		A9	93425A	93425A	AMFMO	B8
	3B09-13(15)	1.	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B6
	3B08-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B4
	3B07-13(15)	1.	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B3
	3B06-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B1
	3B11-13(15)	1.	II	-0.40	0.2	1.5	A9	93425A	93425A	AMFMO	B2
	3B12-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B4
	3B13-13(15)	1.	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B5
	3B14-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	B7
	3B15-12(14)	1.	IOI	20.0	-1.0	1.0	-OUI	74S258	74S258	ACTL	D4
	3A11-13(15)	.1	II	-0.40	0.2	1.2	A9	93425A	93425A	AMFMO	D2
	3A13-13(15)	1.	II	-0.40	0.2	1.4	A9	93425A	93425A	AMFMO	D4
	3A14-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D5
	3A15-13(15)	1.	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D7
	3A10-13(15)	.1	II	-0.40	0.2	1.5	A9	93425A	93425A	AMFMO	D8
	3A09-13(15)	1.	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D6
	3A08-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D4
	3A07-13(15)	1	II	-0.40	0.2	.9	A9	93425A	93425A	AMFMO	D3
				-6.80(0.34)/20.0(-1.0)			41.4				
-ADRPAR	1BJ1-14	.					CON		BCPINS	C3	
	1E18-09(11)	1	IO	20.0	-1.0	10.0	F	93S48	93S48	VMEIDR	D3
				0.0/20.0							
AIU0	2C08-07(09)	\	II	-2.0	0.5		SHITIN	74S194	74S194	Q	B1
	2B28-09(2B27-04)	1.	IO	20.0	-1.0	4.9	F0	74S181	74S181	ALU0	D7
	2C27-03(05)	1.	II	-2.0	0.5	3.2	D3	74S194	74S194	Q	D8
	2D29-02(04)	.1	II	-2.0	0.5	2.2	D2	74S151	74S151	MO0	D8
	2D29-01(03)	1.	II	-2.0	0.5	BARF	D3	74S151	74S151	MO0	D8
	2D28-13(15)	.1	II	-2.0	0.5	1.3	D6	74S151	74S151	MO0	D7
	2D28-12(14)	1	II	-2.0	0.5	BARF	D7	74S151	74S151	MO0	D7
				-12.0(0.30)/20.0(-1.0)			19.3				
AIU1	2D28-01(03)	.	II	-2.0	0.5		D3	74S151	74S151	MO0	D7
	2D28-02(04)	1.	II	-2.0	0.5	BARF	D2	74S151	74S151	MO0	D7
	2D29-15(17)	.1	II	-2.0	0.5	.6	D4	74S151	74S151	MO0	D8
	2D29-14(16)	1.	II	-2.0	0.5	BARF	D5	74S151	74S151	MO0	D8
	2C27-04(06)	.1	II	-2.0	0.5	2.5	D2	74S194	74S194	Q	D8
	2C30-12(14)	1.	II	-2.0	0.5	1.7	D7	74S151	74S151	MO0	D6
	2C30-13(15)	.1	II	-2.0	0.5	BARF	D6	74S151	74S151	MO0	D6
	2B28-10(2B27-06)	1	IO	20.0	-1.0	1.9	F1	74S181	74S181	ALU0	D7
				-14.0(0.35)/20.0(-1.0)			16.0			OVERI OADFD	2
AIU10	2D23-14(16)	.	II	-2.0	0.5		D5	74S151	74S151	MO0	B7
	2D23-15(17)	1.	II	-2.0	0.5	BARF	D4	74S151	74S151	MO0	B7
	2C22-05(07)	.1	II	-2.0	0.5	3.0	D1	74S194	74S194	Q	D3
	2C19-13(15)	1.	II	-2.0	0.5	1.8	D6	74S151	74S151	MO0	B5
	2C19-12(14)	.1	II	-2.0	0.5	BARF	D7	74S151	74S151	MO0	B5
	2C24-01(03)	1.	II	-2.0	0.5	1.2	D3	74S151	74S151	MO0	B6
	2C24-02(04)	.1	II	-2.0	0.5	BARF	D2	74S151	74S151	MO0	B6
	2B23-11(17)	1	IO	20.0	-1.0	2.3	F2	74S181	74S181	ALU0	D3
				-14.0(0.35)/20.0(-1.0)			17.6			OVERI OADFD	2
AIU11	2C22-06(08)	.	II	-2.0	0.5		D0	74S194	74S194	Q	D3
	2C24-14(16)	1.	II	-2.0	0.5	1.2	D5	74S151	74S151	MO0	B6
	2C24-15(17)	.1	II	-2.0	0.5	BARF	D4	74S151	74S151	MO0	B6
	2C19-07(04)	1.	II	-2.0	0.5	1.6	D7	74S151	74S151	MO0	B5
	2C19-01(03)	.1	II	-2.0	0.5	BARF	D3	74S151	74S151	MO0	B5
	2B23-13(06)	1.	IO	20.0	-1.0	3.1	F3	74S181	74S181	ALU0	D3
	2A30-13(15)	.1	II	-2.0	0.5	4.0	D6	74S151	74S151	MO0	B4
	2A30-12(14)	1	II	-2.0	0.5	BARF	D7	74S151	74S151	MO0	B4
				-14.0(0.35)/20.0(-1.0)			19.2			OVERI OADFD	2

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WIR 29-FEB-80 2053

LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	D1	TYPE	BODY	FILE	POS	
ALU12 2C23-03(05)	.	II	-2.0	0.5		D3	74S194	74S194	Q		D1	
2C19-14(16)	!	II	-2.0	0.5	1.6	D5	74S151	74S151	M00		B5	
2C19-15(17)	!	II	-2.0	0.5	BARE	D4	74S151	74S151	M00		B5	
2A23-09(2A22-04)	!	IO	20.0	-1.0	5.3	F0	74S181	74S181	AI U0		D2	
2A29-13(15)	!	II	-2.0	0.5	1.9	D6	74S151	74S151	M00		B3	
2A29-12(14)	!	II	-2.0	0.5	BARE	D7	74S151	74S151	M00		B3	
2A30-02(04)	!	II	-2.0	0.5	1.3	D2	74S151	74S151	M00		B4	
2A30-01(03)	!	II	-2.0	0.5	BARE	D3	74S151	74S151	M00		B4	
			-14.0(0.35)/20.0(-1.0)			19.4					OVERLOADED	2
ALU13 2C23-04(06)	.	II	-2.0	0.5		D2	74S194	74S194	Q		D1	
2A23-10(2A22-06)	!	IO	20.0	-1.0	5.3	F1	74S181	74S181	AI U0		D2	
2A25-13(15)	!	II	-2.0	0.5	1.6	D6	74S151	74S151	M00		B2	
2A25-12(14)	!	II	-2.0	0.5	BARE	D7	74S151	74S151	M00		B2	
2A29-01(03)	!	II	-2.0	0.5	1.2	D3	74S151	74S151	M00		B3	
2A29-02(04)	!	II	-2.0	0.5	BARE	D2	74S151	74S151	M00		B3	
2A30-15(17)	!	II	-2.0	0.5	.6	D4	74S151	74S151	M00		B4	
2A30-14(16)	!	II	-2.0	0.5	BARE	D5	74S151	74S151	M00		B4	
			-14.0(0.35)/20.0(-1.0)			18.0					OVERLOADED	2
ALU14 2C23-05(07)	.	II	-2.0	0.5		D1	74S194	74S194	Q		D1	
2A23-11(17)	!	IO	20.0	-1.0	5.6	F2	74S181	74S181	AI U0		D2	
2A24-13(15)	!	II	-2.0	0.5	1.0	D6	74S151	74S151	M00		B1	
2A24-12(14)	!	II	-2.0	0.5	BARE	D7	74S151	74S151	M00		B1	
2A29-15(17)	!	II	-2.0	0.5	1.2	D4	74S151	74S151	M00		B3	
2A29-14(16)	!	II	-2.0	0.5	BARE	D5	74S151	74S151	M00		B3	
2A25-02(04)	!	II	-2.0	0.5	1.9	D2	74S151	74S151	M00		B2	
2A25-01(03)	!	II	-2.0	0.5	BARE	D3	74S151	74S151	M00		B2	
			-14.0(0.35)/20.0(-1.0)			19.0					OVERLOADED	2
ALU15 2D19-13(15)	.	II	-2.0	0.5		D6	74S151	74S151	M01		D8	
2D19-12(14)	!	II	-2.0	0.5	BARE	D7	74S151	74S151	M01		D8	
2C23-06(08)	!	II	-2.0	0.5	3.2	D0	74S194	74S194	Q		D1	
2A23-13(06)	!	IO	20.0	-1.0	5.9	F3	74S181	74S181	AI U0		D2	
2A24-01(03)	!	II	-2.0	0.5	1.0	D3	74S151	74S151	M00		B1	
2A24-02(04)	!	II	-2.0	0.5	BARE	D2	74S151	74S151	M00		B1	
2A25-15(17)	!	II	-2.0	0.5	.6	D4	74S151	74S151	M00		B2	
2A25-14(16)	!	II	-2.0	0.5	BARE	D5	74S151	74S151	M00		B2	
			-14.0(0.35)/20.0(-1.0)			20.0					OVERLOADED	2
ALU16 2D18-12(14)	.	II	-2.0	0.5		D7	74S151	74S151	M01		D7	
2D18-13(15)	!	II	-2.0	0.5	BARE	D6	74S151	74S151	M01		D7	
2D19-01(03)	!	II	-2.0	0.5	1.3	D3	74S151	74S151	M01		D8	
2D19-02(04)	!	II	-2.0	0.5	BARE	D2	74S151	74S151	M01		D8	
2C12-03(05)	!	II	-2.0	0.5	2.4	D3	74S194	74S194	Q		B8	
2B13-09(2B12-04)	!	IO	20.0	-1.0	3.2	F0	74S181	74S181	AI U1		D8	
2A24-15(17)	!	II	-2.0	0.5	4.5	D4	74S151	74S151	M00		B1	
2A24-14(16)	!	II	-2.0	0.5	BARE	D5	74S151	74S151	M00		B1	
			-14.0(0.35)/20.0(-1.0)			20.7					OVERLOADED	2
ALU17 2B13-10(2B12-06)	.	IO	20.0	-1.0		F1	74S181	74S181	AI U1		D8	
2C12-04(06)	!	II	-2.0	0.5	3.1	D2	74S194	74S194	Q		B8	
2D14-13(15)	!	II	-2.0	0.5	2.4	D6	74S151	74S151	M01		D6	
2D14-12(14)	!	II	-2.0	0.5	BARE	D7	74S151	74S151	M01		D6	
2D18-01(03)	!	II	-2.0	0.5	1.2	D3	74S151	74S151	M01		D7	
2D18-02(04)	!	II	-2.0	0.5	BARE	D2	74S151	74S151	M01		D7	
2D19-15(17)	!	II	-2.0	0.5	.6	D4	74S151	74S151	M01		D8	
2D19-14(16)	!	II	-2.0	0.5	BARE	D5	74S151	74S151	M01		D8	
			-14.0(0.35)/20.0(-1.0)			16.6					OVERLOADED	2
ALU18 2B13-11(17)	.	IO	20.0	-1.0		F2	74S181	74S181	AI U1		D8	
2C12-05(07)	!	II	-2.0	0.5	3.4	D1	74S194	74S194	Q		B8	
2D14-02(04)	!	II	-2.0	0.5	2.2	D2	74S151	74S151	M01		D6	
2D14-01(03)	!	II	-2.0	0.5	BARE	D3	74S151	74S151	M01		D6	
2D13-13(15)	!	II	-2.0	0.5	1.3	D6	74S151	74S151	M01		D5	
2D13-12(14)	!	II	-2.0	0.5	BARE	D7	74S151	74S151	M01		D5	
2D18-15(17)	!	II	-2.0	0.5	1.2	D4	74S151	74S151	M01		D7	
2D18-14(16)	!	II	-2.0	0.5	BARE	D5	74S151	74S151	M01		D7	
			-14.0(0.35)/20.0(-1.0)			17.4					OVERLOADED	2

CADR PROCESSOR		CADRWD;CADR4 WIR				29-FEB-80 2054					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIP TYPE	BODY	FILE	POS
ALU19	2D13-01(03)	.	II	-2.0	0.5		D3	74S151	74S151	MO1	D5
	2D13-02(04)	!	II	-2.0	0.5	BARF	D2	74S151	74S151	MO1	D5
	2D14-15(17)	!	II	-2.0	0.5	.6	D4	74S151	74S151	MO1	D6
	2D14-14(16)	!	II	-2.0	0.5	BARF	D5	74S151	74S151	MO1	D6
	2C12-06(08)	!	II	-2.0	0.5	2.5	D0	74S194	74S194	Q	B8
	2B13-13(06)	!	IO	20.0	-1.0	3.7	F3	74S181	74S181	ALU1	D8
	2B15-13(15)	!	II	-2.0	0.5	1.1	D6	74S151	74S151	MO1	D4
	2B15-12(14)	!	II	-2.0	0.5	BARF	D7	74S151	74S151	MO1	D4
					-14.0(0.35)/20.0(-1.0)	17.2				OVERLOADED	2
ALU2	2D28-14(16)	.	II	-2.0	0.5		D5	74S151	74S151	MO0	D7
	2D28-15(17)	!	II	-2.0	0.5	BARF	D4	74S151	74S151	MO0	D7
	2C27-05(07)	!	II	-2.0	0.5	3.0	D1	74S194	74S194	Q	D8
	2C29-12(14)	!	II	-2.0	0.5	1.1	D7	74S151	74S151	MO0	D5
	2C29-13(15)	!	II	-2.0	0.5	BARF	D6	74S151	74S151	MO0	D5
	2C30-01(03)	!	II	-2.0	0.5	1.3	D3	74S151	74S151	MO0	D6
	2C30-02(04)	!	II	-2.0	0.5	BARF	D2	74S151	74S151	MO0	D6
	2B28-11(17)	!	IO	20.0	-1.0	1.8	F2	74S181	74S181	ALU0	D7
					-14.0(0.35)/20.0(-1.0)	16.5				OVERLOADED	2
ALU20	2D13-15(17)	.	II	-2.0	0.5		D4	74S151	74S151	MO1	D5
	2D13-14(16)	!	II	-2.0	0.5	BARF	D5	74S151	74S151	MO1	D5
	2C13-03(05)	!	II	-2.0	0.5	3.4	D3	74S194	74S194	Q	B6
	2B14-12(14)	!	II	-2.0	0.5	3.4	D7	74S151	74S151	MO1	D3
	2B14-13(15)	!	II	-2.0	0.5	BARF	D6	74S151	74S151	MO1	D3
	2B15-01(03)	!	II	-2.0	0.5	1.3	D3	74S151	74S151	MO1	D4
	2B15-02(04)	!	II	-2.0	0.5	BARF	D2	74S151	74S151	MO1	D4
	2A13-09(2A12-04)	!	IO	20.0	-1.0	1.6	F0	74S181	74S181	ALU1	D6
					-14.0(0.35)/20.0(-1.0)	19.0				OVERLOADED	2
ALU21	2C13-04(06)	.	II	-2.0	0.5		D2	74S194	74S194	Q	B6
	2B10-13(15)	!	II	-2.0	0.5	4.0	D6	74S151	74S151	MO1	D2
	2B10-12(14)	!	II	-2.0	0.5	BARF	D7	74S151	74S151	MO1	D2
	2B14-01(03)	!	II	-2.0	0.5	1.2	D3	74S151	74S151	MO1	D3
	2B14-02(04)	!	II	-2.0	0.5	BARF	D2	74S151	74S151	MO1	D3
	2B15-15(17)	!	II	-2.0	0.5	.6	D4	74S151	74S151	MO1	D4
	2B15-14(16)	!	II	-2.0	0.5	BARF	D5	74S151	74S151	MO1	D4
	2A13-10(2A12-06)	!	IO	20.0	-1.0	2.0	F1	74S181	74S181	ALU1	D6
					-14.0(0.35)/20.0(-1.0)	17.1				OVERLOADED	2
ALU22	2C13-05(07)	.	II	-2.0	0.5		D1	74S194	74S194	Q	B6
	2B14-14(16)	!	II	-2.0	0.5	3.4	D5	74S151	74S151	MO1	D3
	2B14-15(17)	!	II	-2.0	0.5	BARF	D4	74S151	74S151	MO1	D3
	2B09-12(14)	!	II	-2.0	0.5	1.2	D7	74S151	74S151	MO1	D1
	2B09-13(15)	!	II	-2.0	0.5	BARF	D6	74S151	74S151	MO1	D1
	2B10-01(03)	!	II	-2.0	0.5	1.3	D3	74S151	74S151	MO1	D2
	2B10-02(04)	!	II	-2.0	0.5	BARF	D2	74S151	74S151	MO1	D2
	2A13-11(17)	!	IO	20.0	-1.0	2.2	F2	74S181	74S181	ALU1	D6
					-14.0(0.35)/20.0(-1.0)	17.4				OVERLOADED	2
ALU23	2C13-06(08)	.	II	-2.0	0.5		D0	74S194	74S194	Q	B6
	2C14-12(14)	!	II	-2.0	0.5	.7	D7	74S151	74S151	MO1	B8
	2C14-13(15)	!	II	-2.0	0.5	BARF	D6	74S151	74S151	MO1	B8
	2B09-01(03)	!	II	-2.0	0.5	3.8	D3	74S151	74S151	MO1	D1
	2B09-02(04)	!	II	-2.0	0.5	BARF	D2	74S151	74S151	MO1	D1
	2B10-15(17)	!	II	-2.0	0.5	.6	D4	74S151	74S151	MO1	D2
	2B10-14(16)	!	II	-2.0	0.5	BARF	D5	74S151	74S151	MO1	D2
	2A13-13(06)	!	IO	20.0	-1.0	2.8	F3	74S181	74S181	ALU1	D6
					-14.0(0.35)/20.0(-1.0)	17.2				OVERLOADED	2
ALU24	2D09-12(14)	.	II	-2.0	0.5		D7	74S151	74S151	MO1	B7
	2D09-13(15)	!	II	-2.0	0.5	BARF	D6	74S151	74S151	MO1	B7
	2C07-03(05)	!	II	-2.0	0.5	2.5	D3	74S194	74S194	Q	B3
	2C14-02(04)	!	II	-2.0	0.5	1.9	D2	74S151	74S151	MO1	B8
	2C14-01(03)	!	II	-2.0	0.5	BARF	D3	74S151	74S151	MO1	B8
	2B08-09(2B07-04)	!	IO	20.0	-1.0	2.4	F0	74S181	74S181	ALU1	D4
	2B09-15(17)	!	II	-2.0	0.5	1.1	D4	74S151	74S151	MO1	D1
	2B09-14(16)	!	II	-2.0	0.5	BARF	D5	74S151	74S151	MO1	D1
					-14.0(0.35)/20.0(-1.0)	17.2				OVERLOADED	2

CADR PROC FSSOR		CADRWD:CADR4 WLR		29-FEB-80 2054								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
AI U25	2D04-13(15)	.	II	-2.0	0.5		D6	74S151	74S151	MO1	B6	
	2D04-12(14)	1.	II	-2.0	0.5	BARE	D7	74S151	74S151	MO1	B6	
	2D09-01(03)	.1	II	-2.0	0.5	1.2	D3	74S151	74S151	MO1	B7	
	2D09-02(04)	1.	II	-2.0	0.5	BARE	D2	74S151	74S151	MO1	B7	
	2C07-04(06)	.1	II	-2.0	0.5	2.2	D2	74S194	74S194	Q	B3	
	2C14-14(16)	1.	II	-2.0	0.5	1.7	D5	74S151	74S151	MO1	B8	
	2C14-15(17)	.1	II	-2.0	0.5	BARE	D4	74S151	74S151	MO1	B8	
	2B08-10(2B07-06)	1	IO	20.0	-1.0	2.6	F1	74S181	74S181	AI U1	D4	
				-14.0(0.35)/20.0(-1.0)			17.0				OVERLOADED	2
AI U26	2D04-01(03)	.	II	-2.0	0.5		D3	74S151	74S151	MO1	B6	
	2D04-02(04)	1.	II	-2.0	0.5	BARE	D2	74S151	74S151	MO1	B6	
	2D09-15(17)	.1	II	-2.0	0.5	1.6	D4	74S151	74S151	MO1	B7	
	2D09-14(16)	1.	II	-2.0	0.5	BARE	D5	74S151	74S151	MO1	B7	
	2C07-05(07)	.1	II	-2.0	0.5	2.5	D1	74S194	74S194	Q	B3	
	2C09-12(14)	1.	II	-2.0	0.5	1.1	D7	74S151	74S151	MO1	B5	
	2C09-13(15)	.1	II	-2.0	0.5	BARE	D6	74S151	74S151	MO1	B5	
	2B08-11(17)	1	IO	20.0	-1.0	2.7	F2	74S181	74S181	AI U1	D4	
				-14.0(0.35)/20.0(-1.0)			17.2				OVERLOADED	2
AI U27	2D04-14(16)	.	II	-2.0	0.5		D5	74S151	74S151	MO1	B6	
	2D04-15(17)	1.	II	-2.0	0.5	BARE	D4	74S151	74S151	MO1	B6	
	2C07-06(08)	.1	II	-2.0	0.5	2.9	D0	74S194	74S194	Q	B3	
	2C09-02(04)	1.	II	-2.0	0.5	1.5	D2	74S151	74S151	MO1	B5	
	2C09-01(03)	.1	II	-2.0	0.5	BARE	D3	74S151	74S151	MO1	B5	
	2B08-13(06)	1.	IO	20.0	-1.0	2.7	F3	74S181	74S181	AI U1	D4	
	2A15-13(15)	.1	II	-2.0	0.5	4.0	D6	74S151	74S151	MO1	B4	
	2A15-12(14)	1	II	-2.0	0.5	BARE	D7	74S151	74S151	MO1	B4	
				-14.0(0.35)/20.0(-1.0)			20.4				OVERLOADED	2
AI U28	2C08-03(05)	.	II	-2.0	0.5		D3	74S194	74S194	Q	B1	
	2C09-14(16)	1.	II	-2.0	0.5	.6	D5	74S151	74S151	MO1	B5	
	2C09-15(17)	.1	II	-2.0	0.5	BARE	D4	74S151	74S151	MO1	B5	
	2A08-09(2A07-04)	1.	IO	20.0	-1.0	5.1	F0	74S181	74S181	AI U1	D3	
	2A14-13(15)	.1	II	-2.0	0.5	1.9	D6	74S151	74S151	MO1	B3	
	2A14-12(14)	1.	II	-2.0	0.5	BARE	D7	74S151	74S151	MO1	B3	
	2A15-02(04)	.1	II	-2.0	0.5	1.3	D2	74S151	74S151	MO1	B4	
	2A15-01(03)	1	II	-2.0	0.5	BARE	D3	74S151	74S151	MO1	B4	
				-14.0(0.35)/20.0(-1.0)			18.2				OVERLOADED	2
AI U29	2C08-04(06)	.	II	-2.0	0.5		D2	74S194	74S194	Q	B1	
	2A08-10(2A07-06)	1.	IO	20.0	-1.0	5.3	F1	74S181	74S181	AI U1	D3	
	2A10-13(15)	.1	II	-2.0	0.5	1.6	D6	74S151	74S151	MO1	B2	
	2A10-12(14)	1.	II	-2.0	0.5	BARE	D7	74S151	74S151	MO1	B2	
	2A14-01(03)	.1	II	-2.0	0.5	1.2	D3	74S151	74S151	MO1	B3	
	2A14-02(04)	1.	II	-2.0	0.5	BARE	D2	74S151	74S151	MO1	B3	
	2A15-15(17)	.1	II	-2.0	0.5	.6	D4	74S151	74S151	MO1	B4	
	2A15-14(16)	1	II	-2.0	0.5	BARE	D5	74S151	74S151	MO1	B4	
				-14.0(0.35)/20.0(-1.0)			18.0				OVERLOADED	2
AI U3	2C27-06(08)	.	II	-2.0	0.5		D0	74S194	74S194	Q	B8	
	2C29-01(03)	.1	II	-2.0	0.5	1.6	D3	74S151	74S151	MO0	D5	
	2C29-02(04)	.1	II	-2.0	0.5	BARE	D2	74S151	74S151	MO0	D5	
	2C30-15(17)	1.	II	-2.0	0.5	.6	D4	74S151	74S151	MO0	D6	
	2C30-14(16)	.1	II	-2.0	0.5	BARE	D5	74S151	74S151	MO0	D6	
	2B28-13(06)	1.	IO	20.0	-1.0	2.5	F3	74S181	74S181	AI U0	D7	
	2B30-13(15)	.1	II	-2.0	0.5	1.1	D6	74S151	74S151	MO0	D4	
	2B30-12(14)	1	II	-2.0	0.5	BARE	D7	74S151	74S151	MO0	D4	
				-14.0(0.35)/20.0(-1.0)			15.1				OVERLOADED	2
AI U30	2C08-05(07)	.	II	-2.0	0.5		D1	74S194	74S194	Q	B1	
	2A08-11(17)	1.	IO	20.0	-1.0	5.6	F2	74S181	74S181	AI U1	D3	
	2A09-13(15)	.1	II	-2.0	0.5	1.0	D6	74S151	74S151	MO1	B1	
	2A09-12(14)	1.	II	-2.0	0.5	BARE	D7	74S151	74S151	MO1	B1	
	2A14-15(17)	.1	II	-2.0	0.5	1.2	D4	74S151	74S151	MO1	B3	
	2A14-14(16)	1.	II	-2.0	0.5	BARE	D5	74S151	74S151	MO1	B3	
	2A10-02(04)	.1	II	-2.0	0.5	1.9	D2	74S151	74S151	MO1	B2	
	2A10-01(03)	1	II	-2.0	0.5	BARE	D3	74S151	74S151	MO1	B2	
				-14.0(0.35)/20.0(-1.0)			19.0				OVERLOADED	2

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

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	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
AIU31	2C08-06(08)	\	II	-2.0	0.5		D0	74S194	74S194	Q	B1
	2A08-13(06)	.1	IO	20.0	-1.0	5.9	F3	74S181	74S181	AIU1	D3
	2A09-01(03)	.1	II	-2.0	0.5	1.0	D3	74S151	74S151	MO1	B1
	2A09-02(04)	.1	II	-2.0	0.5	BARE	D2	74S151	74S151	MO1	B1
	2A10-14(16)	.1	II	-2.0	0.5	.7	D5	74S151	74S151	MO1	B2
	2A10-15(17)	.1	II	-2.0	0.5	BARE	D4	74S151	74S151	MO1	B2
	2A05-13(16)	!	II	-2.0	0.5	1.4		74S04	74S04	QCTL	D1
				-12.0(0.30)/20.0(-1.0)		16.7					
-AIU31	2C27-02(04)	.	II	-2.0	0.5		SHR11N	74S194	74S194	Q	D8
	2A05-12(15)	!	IO	20.0	-1.0	9.2		74S04	74S04	QCTL	D1
				-2.0(0.5)/20.0(-1.0)							
AIU32	3F22-09(12)	\	II	-2.0	0.5			74S04	74S04	FLAG	A4
	3F13-02(04)	.1	II	-2.0	0.5	3.3	D2	74S151	74S151	FLAG	D7
	2A09-14(16)	.1	II	-2.0	0.5	15.0	D5	74S151	74S151	MO1	B1
	2A09-15(17)	.1	II	-2.0	0.5	BARE	D4	74S151	74S151	MO1	B1
	2A03-09(2A02-04)	!	IO	20.0	-1.0	1.8	F0	74S181	74S181	AIU1	D1
				-8.0(0.20)/20.0(-1.0)		24.7					
-AIU32	3F22-08(11)	.	IO	20.0	-1.0			74S04	74S04	FLAG	A4
	3E17-11(14)	!	II	-2.0	0.5	1.8		74S02	74S020	FLAG	B4
				-2.0(0.5)/20.0(-1.0)							
AIU4	2C28-03(05)	.	II	-2.0	0.5		D3	74S194	74S194	Q	D6
	2C29-14(16)	.1	II	-2.0	0.5	.6	D5	74S151	74S151	MO0	D5
	2C29-15(17)	.1	II	-2.0	0.5	BARE	D4	74S151	74S151	MO0	D5
	2B29-12(14)	.1	II	-2.0	0.5	3.2	D7	74S151	74S151	MO0	D3
	2B29-13(15)	.1	II	-2.0	0.5	BARE	D6	74S151	74S151	MO0	D3
	2B30-01(03)	.1	II	-2.0	0.5	1.3	D3	74S151	74S151	MO0	D4
	2B30-02(04)	.1	II	-2.0	0.5	BARE	D2	74S151	74S151	MO0	D4
	2A28-09(2A27-04)	!	IO	20.0	-1.0	1.6	F0	74S181	74S181	AIU0	D5
					-14.0(0.35)/20.0(-1.0)		16.0				OVERLOADED
AIU5	2C28-04(06)	.	II	-2.0	0.5		D2	74S194	74S194	Q	D6
	2B25-13(15)	.1	II	-2.0	0.5	4.0	D6	74S151	74S151	MO0	D2
	2B25-12(14)	.1	II	-2.0	0.5	BARE	D7	74S151	74S151	MO0	D2
	2B29-01(03)	.1	II	-2.0	0.5	1.2	D3	74S151	74S151	MO0	D3
	2B29-02(04)	.1	II	-2.0	0.5	BARE	D2	74S151	74S151	MO0	D3
	2B30-15(17)	.1	II	-2.0	0.5	.6	D4	74S151	74S151	MO0	D4
	2B30-14(16)	.1	II	-2.0	0.5	BARE	D5	74S151	74S151	MO0	D4
	2A28-10(2A27-06)	!	IO	20.0	-1.0	2.0	F1	74S181	74S181	AIU0	D5
				-14.0(0.35)/20.0(-1.0)		17.1				OVERLOADED	2
AIU6	2C28-05(07)	.	II	-2.0	0.5		D1	74S194	74S194	Q	D6
	2B29-14(16)	.1	II	-2.0	0.5	3.4	D5	74S151	74S151	MO0	D3
	2B29-15(17)	.1	II	-2.0	0.5	BARE	D4	74S151	74S151	MO0	D3
	2B24-12(14)	.1	II	-2.0	0.5	1.2	D7	74S151	74S151	MO0	D1
	2B24-13(15)	.1	II	-2.0	0.5	BARE	D6	74S151	74S151	MO0	D1
	2B25-01(03)	.1	II	-2.0	0.5	1.3	D3	74S151	74S151	MO0	D2
	2B25-02(04)	.1	II	-2.0	0.5	BARE	D2	74S151	74S151	MO0	D2
	2A28-11(17)	!	IO	20.0	-1.0	2.2	F2	74S181	74S181	AIU0	D5
				-14.0(0.35)/20.0(-1.0)		17.4				OVERLOADED	2
AIU7	2D24-13(15)	.	II	-2.0	0.5		D6	74S151	74S151	MO0	B8
	2D24-12(14)	.1	II	-2.0	0.5	BARE	D7	74S151	74S151	MO0	B8
	2C28-06(08)	.1	II	-2.0	0.5	3.2	D0	74S194	74S194	Q	D6
	2B24-01(03)	.1	II	-2.0	0.5	4.0	D3	74S151	74S151	MO0	D1
	2B24-02(04)	.1	II	-2.0	0.5	BARE	D2	74S151	74S151	MO0	D1
	2B25-15(17)	.1	II	-2.0	0.5	.6	D4	74S151	74S151	MO0	D2
	2B25-14(16)	.1	II	-2.0	0.5	BARE	D5	74S151	74S151	MO0	D2
	2A28-13(06)	!	IO	20.0	-1.0	2.8	F3	74S181	74S181	AIU0	D5
				-14.0(0.35)/20.0(-1.0)		19.9				OVERLOADED	2

CADR PROCESSOR		CADRWD; CADR4 WLR		29-FEB-80 2054								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPIPE	BODY	FILE	POS	
	LOC(PIN#)											
AI U8	2D23-12(14)	.	II	-2.0	0.5		D7	74S151	74S151	MOO	B7	
	2D23-13(15)	1.	II	-2.0	0.5	BARE	D6	74S151	74S151	MOO	B7	
	2D24-01(03)	1.	II	-2.0	0.5	1.3	D3	74S151	74S151	MOO	B8	
	2D24-02(04)	1.	II	-2.0	0.5	BARE	D2	74S151	74S151	MOO	B8	
	2C22-03(05)	1.	II	-2.0	0.5	2.2	D3	74S194	74S194	Q	D3	
	2B23-09(2B22-04)	1.	IO	20.0	-1.0	3.2	F0	74S181	74S181	AI U0	D3	
	2B24-15(17)	1.	II	-2.0	0.5	1.1	D4	74S151	74S151	MOO	D1	
	2B24-14(16)	1	II	-2.0	0.5	BARE	D5	74S151	74S151	MOO	D1	
				-14.0(0.35)/20.0(-1.0)			17.1				OVERLOADED	2
AI U9	2D23-01(03)	.	II	-2.0	0.5		D3	74S151	74S151	MOO	B7	
	2D23-02(04)	1.	II	-2.0	0.5	BARE	D2	74S151	74S151	MOO	B7	
	2D24-15(17)	1.	II	-2.0	0.5	.6	D4	74S151	74S151	MOO	B8	
	2D24-14(16)	1.	II	-2.0	0.5	BARE	D5	74S151	74S151	MOO	B8	
	2C22-04(06)	1.	II	-2.0	0.5	2.5	D2	74S194	74S194	Q	D3	
	2C24-12(14)	1.	II	-2.0	0.5	1.2	D7	74S151	74S151	MOO	B6	
	2C24-13(15)	1.	II	-2.0	0.5	BARE	D6	74S151	74S151	MOO	B6	
	2B23-10(2B22-06)	1	IO	20.0	-1.0	2.4	F1	74S181	74S181	AI U0	D3	
				-14.0(0.35)/20.0(-1.0)			16.0				OVERLOADED	2
AI UADD	2C20-08(11)	.	IO	20.0	-1.0			74S20	74S200	ALUC4	A8	
	2B16-14(16)	1.	II	-2.0	0.5	1.3	SF10	74S153	74S153	AI UC4	D4	
	2B17-14(16)	1.	II	-2.0	0.5	.9	SF10	74S153	74S153	AI UC4	D5	
	2B18-14(16)	1	II	-2.0	0.5	.9	SF10	74S153	74S153	AI UC4	D6	
				-6.0(0.15)/20.0(-1.0)			6.1					
-AI UF0	2B17-09(11)	\	IO	20.0	-1.0		OUT	74S153	74S153	AI UC4	D5	
	2A16-01(04)	1.	IIS	-4.0	0.10	3.0		74S37	74S37	AI UC4	D8	
	2A16-02(05)	1.	IIS	(-4.0)	0.10	BARE		74S37	74S37	AI UC4	D8	
	2A17-02(05)	1.	IIS	(-4.0)	0.10	.9		74S37	74S37	AI UC4	C8	
	2A17-01(04)	1	IIS	-4.0	0.10	BARE		74S37	74S37	AI UC4	C8	
				-8.0(0.40)/20.0(-1.0)			8.6					
AI UF0A	2B13-06(2B12-17)	.	II	-8.0	0.20		S0	74S181	74S181	AI U1	D8	
	2B08-06(2B07-17)	1.	II	-8.0	0.20	1.5	S0	74S181	74S181	AI U1	D4	
	2A03-06(2A02-17)	1.	II	-8.0	0.20	3.4	S0	74S181	74S181	AI U1	D1	
	2A08-06(2A07-17)	1.	II	-8.0	0.20	1.5	S0	74S181	74S181	AI U1	D3	
	2A13-06(2A12-17)	1.	II	-8.0	0.20	1.5	S0	74S181	74S181	AI U1	D6	
	2A17-03(06)	1	IO	60.0	-3.0	1.8		74S37	74S37	AI UC4	C8	
				-40.0(1.0)/60.0(-3.0)			15.7				OVERLOADED	2
AI UF0B	2B23-06(2B22-17)	\	II	-8.0	0.20		S0	74S181	74S181	AI U0	D3	
	2B28-06(2B27-17)	1.	II	-8.0	0.20	1.5	S0	74S181	74S181	AI U0	D7	
	2A28-06(2A27-17)	1.	II	-8.0	0.20	3.1	S0	74S181	74S181	AI U0	D5	
	2A23-06(2A22-17)	1.	II	-8.0	0.20	1.5	S0	74S181	74S181	AI U0	D2	
	2A16-03(06)	1	IO	60.0	-3.0	1.4		74S37	74S37	AI UC4	D8	
				-32.0(0.80)/60.0(-3.0)			12.0					
-AI UF1	2B17-07(09)	\	IO	20.0	-1.0		OUT	74S153	74S153	AI UC4	D5	
	2A16-04(07)	1.	IIS	-4.0	0.10	2.7		74S37	74S37	AI UC4	D8	
	2A16-05(08)	1.	IIS	(-4.0)	0.10	BARE		74S37	74S37	AI UC4	D8	
	2A17-05(08)	1.	IIS	(-4.0)	0.10	.9		74S37	74S37	AI UC4	C8	
	2A17-04(07)	1	IIS	-4.0	0.10	BARE		74S37	74S37	AI UC4	C8	
				-8.0(0.40)/20.0(-1.0)			8.3					
AI UF1A	2B13-05(2B11-05)	.	II	-8.0	0.20		S1	74S181	74S181	AI U1	D8	
	2B08-05(2B06-05)	1.	II	-8.0	0.20	1.5	S1	74S181	74S181	AI U1	D4	
	2A03-05(2A01-05)	1.	II	-8.0	0.20	3.4	S1	74S181	74S181	AI U1	D1	
	2A08-05(2A06-05)	1.	II	-8.0	0.20	1.5	S1	74S181	74S181	AI U1	D3	
	2A13-05(2A11-05)	1.	II	-8.0	0.20	1.5	S1	74S181	74S181	AI U1	D6	
	2A17-06(09)	1	IO	60.0	-3.0	2.0		74S37	74S37	AI UC4	C8	
				-40.0(1.0)/60.0(-3.0)			15.9				OVERLOADED	2

CADR PROCESSOR		CADRWD;CADR4 WIR			29-FEB-80 2054						
SIGNAL	NAME	Z	TYPE	LOW	HII	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
ALUF1B	2B23-05(2B21-05)	\	II	-8.0	0.20		S1	74S181	74S181	AI U0	D3
	2B28-05(2B26-05)	.1	II	-8.0	0.20	1.5	S1	74S181	74S181	AI U0	D7
	2A28-05(2A26-05)	.1	II	-8.0	0.20	3.1	S1	74S181	74S181	AI U0	D5
	2A23-05(2A21-05)	.1	II	-8.0	0.20	1.5	S1	74S181	74S181	AI U0	D2
	2A16-06(09)	!	IO	60.0	-3.0	1.1		74S37	74S37	AI UC4	D8
				-32.0(0.80)/60.0(-3.0)			11.7				
-ALUF2	2B16-09(11)	\	IO	20.0	-1.0		OUT	74S153	74S153	AI UC4	D4
	2A16-09(12)	.1	IIS	-4.0	0.10	3.2		74S37	74S37	AI UC4	D8
	2A16-10(13)	.1	IIS	(-4.0)	0.10	BARE		74S37	74S37	AI UC4	D8
	2A17-10(13)	.1	IIS	(-4.0)	0.10	.9		74S37	74S37	AI UC4	C8
	2A17-09(12)	!	IIS	-4.0	0.10	BARE		74S37	74S37	AI UC4	C8
				-8.0(0.40)/20.0(-1.0)			8.8				
ALUF2A	2A17-08(11)	.	IO	60.0	-3.0			74S37	74S37	AI UC4	C8
	2A13-04(2A11-04)	.1	II	-8.0	0.20	2.2	S2	74S181	74S181	AI U1	D6
	2A08-04(2A06-04)	.1	II	-8.0	0.20	1.5	S2	74S181	74S181	AI U1	D3
	2A03-04(2A01-04)	.1	II	-8.0	0.20	1.5	S2	74S181	74S181	AI U1	D1
	2B08-04(2B06-04)	.1	II	-8.0	0.20	3.4	S2	74S181	74S181	AI U1	D4
	2B13-04(2B11-04)	!	II	-8.0	0.20	1.5	S2	74S181	74S181	AI U1	D8
				-40.0(1.0)/60.0(-3.0)			16.1			OVERTLOADED	2
ALUF2B	2B28-04(2B26-04)	\	II	-8.0	0.20		S2	74S181	74S181	AI U0	D7
	2B23-04(2B21-04)	.1	II	-8.0	0.20	1.5	S2	74S181	74S181	AI U0	D3
	2A16-08(11)	!	IO	60.0	-3.0	2.9		74S37	74S37	AI UC4	D8
	2A23-04(2A21-04)	.1	II	-8.0	0.20	1.0	S2	74S181	74S181	AI U0	D2
	2A28-04(2A26-04)	!	II	-8.0	0.20	1.5	S2	74S181	74S181	AI U0	D5
				-32.0(0.80)/60.0(-3.0)			11.4				
-ALUF3	2B16-07(09)	\	IO	20.0	-1.0		OUT	74S153	74S153	AI UC4	D4
	2A16-12(15)	.1	IIS	-4.0	0.10	2.9		74S37	74S37	AI UC4	D8
	2A16-13(16)	.1	IIS	(-4.0)	0.10	BARE		74S37	74S37	AI UC4	D8
	2A17-13(16)	.1	IIS	(-4.0)	0.10	.9		74S37	74S37	AI UC4	C8
	2A17-12(15)	!	IIS	-4.0	0.10	BARE		74S37	74S37	AI UC4	C8
				-8.0(0.40)/20.0(-1.0)			8.5				
ALUF3A	2B13-03(2B11-15)	.	II	-8.0	0.20		S3	74S181	74S181	AI U1	D8
	2B08-03(2B06-15)	.1	II	-8.0	0.20	1.5	S3	74S181	74S181	AI U1	D4
	2A03-03(2A01-15)	.1	II	-8.0	0.20	3.4	S3	74S181	74S181	AI U1	D1
	2A08-03(2A06-15)	.1	II	-8.0	0.20	1.5	S3	74S181	74S181	AI U1	D3
	2A13-03(2A11-15)	.1	II	-8.0	0.20	1.5	S3	74S181	74S181	AI U1	D6
	2A17-11(14)	!	IO	60.0	-3.0	1.7		74S37	74S37	AI UC4	C8
				-40.0(1.0)/60.0(-3.0)			15.6			OVERTLOADED	2
ALUF3B	2B23-03(2B21-15)	\	II	-8.0	0.20		S3	74S181	74S181	AI U0	D3
	2B28-03(2B26-15)	.1	II	-8.0	0.20	1.5	S3	74S181	74S181	AI U0	D7
	2A28-03(2A26-15)	.1	II	-8.0	0.20	3.1	S3	74S181	74S181	AI U0	D5
	2A23-03(2A21-15)	.1	II	-8.0	0.20	1.5	S3	74S181	74S181	AI U0	D2
	2A16-11(14)	!	IO	60.0	-3.0	1.4		74S37	74S37	AI UC4	D8
				-32.0(0.80)/60.0(-3.0)			12.0				
ALUMODI	2B08-08(2B07-05)	.	II	-2.0	0.5		M	74S181	74S181	AI U1	D4
	2B13-08(2B12-05)	.1	II	-2.0	0.5	1.5	M	74S181	74S181	AI U1	D8
	2B23-08(2B22-05)	.1	II	-2.0	0.5	2.6	M	74S181	74S181	AI U0	D3
	2B28-08(2B27-05)	.1	II	-2.0	0.5	1.5	M	74S181	74S181	AI U0	D7
	2A28-08(2A27-05)	.1	II	-2.0	0.5	3.1	M	74S181	74S181	AI U0	D5
	2A23-08(2A22-05)	.1	II	-2.0	0.5	1.5	M	74S181	74S181	AI U0	D2
	2B20-03(06)	.1	IO	60.0	-3.0	2.0		74S37	74S37	AI UC4	D2
	2A13-08(2A12-05)	.1	II	-2.0	0.5	2.1	M	74S181	74S181	AI U1	D6
	2A08-08(2A07-05)	.1	II	-2.0	0.5	1.5	M	74S181	74S181	AI U1	D3
	2A03-08(2A02-05)	!	II	-2.0	0.5	1.5	M	74S181	74S181	AI U1	D1
				-18.0(0.45)/60.0(-3.0)			29.3				

CADR PROCESSOR
SIGNAL NAME

CADRAWD;CADR4 WIR 29-FEB-80 2054

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIATYPE	BODY	FILE	POS
-AIUMODE										
2B20-01(04)	\	IIS	-4.0	0.10			74S37	74S37	AIUC4	D2
2B20-02(05)	.!	IIS	(-4.0)	0.10	BARF		74S37	74S37	AIUC4	D2
2B18-07(09)	!	IO	20.0	-1.0	1.5	QUI	74S153	74S153	AIUC4	D6
			-4.0(0.20)/20.0(-1.0)			3.1				
AIUNFG										
3F17-13(16)	.	IO	20.0	-1.0			74S02	74S020	FLAG	B4
3F13-03(05)	!	II	-2.0	0.5	1.8	D1	74S151	74S151	FLAG	D7
			-2.0(0.5)/20.0(-1.0)							
AIUSUB										
2C20-06(09)	.	IO	20.0	-1.0			74S20	74S200	AIUC4	B8
2B16-02(04)	!	II	-2.0	0.5	1.3	SF11	74S153	74S153	AIUC4	D4
2B17-02(04)	.!	II	-2.0	0.5	.9	SF11	74S153	74S153	AIUC4	D5
2B18-02(04)	!	II	-2.0	0.5	.9	SF11	74S153	74S153	AIUC4	D6
			-6.0(0.15)/20.0(-1.0)			6.1				
AMEM0										
3A20-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	D8
3A05-18	!	II	-0.25	0.5	4.4	D7	74S373	74S373	AIATCH	B8
			-0.25(0.5)/16.0(-0.80)							
AMEM1										
3A25-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	D7
3A05-17	!	II	-0.25	0.5	5.4	D6	74S373	74S373	AIATCH	B8
			-0.25(0.5)/16.0(-0.80)							
AMEM10										
3B10-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	B6
3A03-14	!	II	-0.25	0.5	4.4	D5	74S373	74S373	AIATCH	B6
			-0.25(0.5)/16.0(-0.80)							
AMEM11										
3B24-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	B5
3A03-13	!	II	-0.25	0.5	5.3	D4	74S373	74S373	AIATCH	B6
			-0.25(0.5)/16.0(-0.80)							
AMEM12										
3B18-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	B4
3A03-08	!	II	-0.25	0.5	4.8	D3	74S373	74S373	AIATCH	B6
			-0.25(0.5)/16.0(-0.80)							
AMEM13										
3B23-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	B3
3A03-07	!	II	-0.25	0.5	5.8	D2	74S373	74S373	AIATCH	B6
			-0.25(0.5)/16.0(-0.80)							
AMEM14										
3B17-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	B2
3A03-04	!	II	-0.25	0.5	5.4	D1	74S373	74S373	AIATCH	B6
			-0.25(0.5)/16.0(-0.80)							
AMEM15										
3B22-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM1	B1
3A03-03	!	II	-0.25	0.5	6.4	D0	74S373	74S373	AIATCH	B6
			-0.25(0.5)/16.0(-0.80)							
AMEM16										
3A10-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM0	D8
3A01-18	!	II	-0.25	0.5	3.3	D7	74S373	74S373	AIATCH	B5
			-0.25(0.5)/16.0(-0.80)							
AMEM17										
3A15-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM0	D7
3A01-17	!	II	-0.25	0.5	4.0	D6	74S373	74S373	AIATCH	B5
			-0.25(0.5)/16.0(-0.80)							
AMEM18										
3A09-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM0	D6
3A01-14	!	II	-0.25	0.5	2.7	D5	74S373	74S373	AIATCH	B5
			-0.25(0.5)/16.0(-0.80)							
AMEM19										
3A14-07(09)	.	IOI	16.0	-0.80		D0	93425A	93425A	AMEM0	D5
3A01-13	!	II	-0.25	0.5	3.4	D4	74S373	74S373	AIATCH	B5
			-0.25(0.5)/16.0(-0.80)							

CADR PROC FSSOR		CADRWD:CADR4 WIR		29-FEB-80 2054							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
	LOC(PIN#)										
AMFM2	3A19-07(09) 3A05-14	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D5	93425A 74S373	93425A 74S373	AMFM1 ALATCH	D6 B8
				-0.25(0.5)/16.0(-0.80)							
AMFM20	3A08-07(09) 3A01-08	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D3	93425A 74S373	93425A 74S373	AMFM0 ALATCH	D4 B5
				-0.25(0.5)/16.0(-0.80)							
AMFM21	3A13-07(09) 3A01-07	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D2	93425A 74S373	93425A 74S373	AMFM0 ALATCH	D4 B5
				-0.25(0.5)/16.0(-0.80)							
AMFM22	3A07-07(09) 3A01-04	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D1	93425A 74S373	93425A 74S373	AMFM0 ALATCH	D3 B5
				-0.25(0.5)/16.0(-0.80)							
AMFM23	3A11-07(09) 3A01-03	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D0	93425A 74S373	93425A 74S373	AMFM0 ALATCH	D2 B5
				-0.25(0.5)/16.0(-0.80)							
AMFM24	3B10-07(09) 3B04-18	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D7	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B8 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM25	3B14-07(09) 3B04-17	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D6	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B7 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM26	3B09-07(09) 3B04-14	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D5	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B6 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM27	3B13-07(09) 3B04-13	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D4	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B5 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM28	3B08-07(09) 3B04-08	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D3	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B4 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM29	3B12-07(09) 3B04-07	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D2	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B4 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM3	3A24-07(09) 3A05-13	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D4	93425A 74S373	93425A 74S373	AMFM1 ALATCH	D5 B8
				-0.25(0.5)/16.0(-0.80)							
AMFM30	3B07-07(09) 3B04-04	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D1	93425A 74S373	93425A 74S373	AMFM0 ALATCH	B3 B3
				-0.25(0.5)/16.0(-0.80)							
AMFM31	3B11-07(09) 3B02-18 3B04-03	. 1 1	IOT II II	16.0 -0.25 -0.25	-0.80 0.5 0.5		D0 D7 D0	93425A 74S373 74S373	93425A 74S373 74S373	AMFM0 ALATCH ALATCH	B2 B1 B3
				-0.50(0.10)/16.0(-0.80)		6.5					
AMFM4	3A18-07(09) 3A05-08	. 1	IOT II	16.0 -0.25	-0.80 0.5		D0 D3	93425A 74S373	93425A 74S373	AMFM1 ALATCH	D4 B8
				-0.25(0.5)/16.0(-0.80)							

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2054						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	D1TYPE	BODY	FILE	POS
	LOC(PIN#)										
AMFM5	3A23-07(09)	.	TOI	16.0	-0.80		D0	93425A	93425A	AMEM1	D3
	3A05-07	!	II	-0.25	0.5	5.2	D2	74S373	74S373	ALATCH	B8
				-0.25(0.5)/16.0(-0.80)							
AMFM6	3A17-07(09)	.	TOI	16.0	-0.80		D0	93425A	93425A	AMFM1	D2
	3A05-04	!	II	-0.25	0.5	4.5	D1	74S373	74S373	ALATCH	B8
				-0.25(0.5)/16.0(-0.80)							
AMFM7	3A22-07(09)	.	TOI	16.0	-0.80		D0	93425A	93425A	AMFM1	D1
	3A05-03	!	II	-0.25	0.5	5.7	D0	74S373	74S373	ALATCH	B8
				-0.25(0.5)/16.0(-0.80)							
AMFM8	3B20-07(09)	.	TOI	16.0	-0.80		D0	93425A	93425A	AMFM1	B8
	3A03-18	!	II	-0.25	0.5	4.6	D7	74S373	74S373	ALATCH	B6
				-0.25(0.5)/16.0(-0.80)							
AMFM9	3B25-07(09)	.	TOI	16.0	-0.80		D0	93425A	93425A	AMFM1	B7
	3A03-17	!	II	-0.25	0.5	5.5	D6	74S373	74S373	ALATCH	B6
				-0.25(0.5)/16.0(-0.80)							
-AMFMNB											
	3B16-06(09)	.	IO	20.0	-1.0			74S00	74S00	ACTI	A8
	3B02-01	!	II	-0.25	0.5	4.6	-0E	74S373	74S373	ALATCH	B1
	3B04-01	!	II	-0.25	0.5	1.4	-0E	74S373	74S373	ALATCH	B3
	3A01-01	!	II	-0.25	0.5	1.6	-0E	74S373	74S373	ALATCH	B5
	3A03-01	!	II	-0.25	0.5	1.4	-0E	74S373	74S373	ALATCH	B6
	3A05-01	!	II	-0.25	0.5	1.4	-0E	74S373	74S373	ALATCH	B8
				-1.25(0.25)/20.0(-1.0)			16.4				
AMFMPARTIY											
	3B06-07(09)	.	TOI	16.0	-0.80		D0	93425A	93425A	AMEM0	B1
	3B02-17	!	II	-0.25	0.5	2.1	D6	74S373	74S373	ALATCH	B1
				-0.25(0.5)/16.0(-0.80)							
APARTIY	3B01-05	\	TOI	64.0	-15.0		OUI6	74S241	74S241	ALATCH	D1
	3B02-16	!	TOI	20.0	-6.50	.6	Q6	74S373	74S373	ALATCH	B1
	3A28-07(09)	!	II	-0.80	0.2	7.3	I	93S48	93S48	APAR	B5
				-0.80(0.2)/20.0(-6.50)			9.4				
APARL	3A30-09(11)	.	IO	20.0	-1.0		E	93S48	93S48	APAR	B1
	3A28-11(13)	!	II	-0.80	0.2	1.5	I	93S48	93S48	APAR	B5
				-0.80(0.2)/20.0(-1.0)							
APARM	3A29-09(11)	.	IO	20.0	-1.0		E	93S48	93S48	APAR	B3
	3A28-12(14)	!	II	-0.80	0.2	1.0	I	93S48	93S48	APAR	B5
				-0.80(0.2)/20.0(-1.0)							
APAROK	4BJ1-17	.					CON		CPINS	B6	
	3A28-09(11)	!	IO	20.0	-1.0	3.8	E	93S48	93S48	APAR	B5
				0.0/20.0							
-APASS	3B16-04(07)	.	IIIS	-2.0	0.5			74S00	74S00	ACTI	A8
	3B16-03(06)	!	IO	20.0	-1.0	BARE		74S00	74S00	ACTI	A8
				-2.0(0.5)/20.0(-1.0)							
APASS1	4B14-11(14)	.	IIIS	-2.0	0.5			74S10	74S10	ACTI	B8
	4B11-03(06)	!	IIIS	-2.0	0.5	1.7		74S11	74S11	ACTI	B8
	3B21-09(11)	!	IO	20.0	1.0	6.0	A-B	93S46	93S46	ACTI	B5
	3B16-01(04)	!	IIIS	-2.0	0.5	2.2		74S00	74S00	ACTI	A8
				-6.0(0.15)/20.0(1.0)			12.9				

CADR PROFESSOR		CADRWD:CADR4 WLR			29-FFB-80 2054							
SIGNAL NAME		Z	TYPE	IOW	HI	INCHES	USF	DIPTYPE	BODY	FILE	POS	
LOC(PIN#)												
APASS2	4B14-10(13)	.	TIS	-2.0	0.5				74S10	74S10	ACTL	B8
	4B11-04(07)	1.	TIS	-2.0	0.5	1.7			74S11	74S11	ACTL	B8
	3B27-09(11)	.1	IO	20.0	1.0	5.0	A-B		93S46	93S46	ACTL	B6
	3B16-07(05)	1	TIS	-2.0	0.5	3.2			74S00	74S00	ACTL	A8
				-6.0(0.15)/20.0(1.0)		12.9						
APASSEN8												
	4B11-06(09)	.	IO	20.0	-1.0				74S11	74S11	ACTL	B8
	3B01-19	1.	II	-2.0	0.5	11.7	FNB		74S241	74S241	AI AICH	D1
	3B03-19	.1	II	-2.0	0.5	1.4	FNB		74S241	74S241	AI AICH	D3
	3B05-19	1.	II	-2.0	0.5	1.4	FNB		74S241	74S241	AI AICH	D5
	3A02-19	.1	II	-2.0	0.5	1.6	FNB		74S241	74S241	AI AICH	D6
	3A04-19	1	II	-2.0	0.5	1.4	FNB		74S241	74S241	AI AICH	D8
				-10.0(0.25)/20.0(-1.0)		23.5						
-APASSEN8												
	4B14-08(11)	\	IO	20.0	-1.0				74S10	74S10	ACTL	B8
	3B03-01	.1	II	-2.0	0.5	11.9	-FNB		74S241	74S241	AI AICH	D3
	3B05-01	1.	II	-2.0	0.5	1.4	-FNB		74S241	74S241	AI AICH	D5
	3A02-01	.1	II	-2.0	0.5	1.6	-FNB		74S241	74S241	AI AICH	D6
	3A04-01	1	II	-2.0	0.5	1.4	-FNB		74S241	74S241	AI AICH	D8
				-8.0(0.20)/20.0(-1.0)		20.8						
-AWPA												
	3B30-03(06)	.	IO	60.0	-3.0				74S37	74S37	ACTL	B8
	3A11-14(16)	1.	II	-0.40	0.2	3.9	-WF		93425A	93425A	AMFM0	D2
	3B14-14(16)	.1	II	-0.40	0.2	1.6	-WF		93425A	93425A	AMFM0	B7
	3B13-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B5
	3B12-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B4
	3B11-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B2
	3B06-14(16)	.1	II	-0.40	0.2	1.5	-WF		93425A	93425A	AMFM0	B1
	3B07-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B3
	3B08-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B4
	3B09-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B6
	3B10-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	B8
	3A07-14(16)	1	II	-0.40	0.2	1.6	-WF		93425A	93425A	AMFM0	D3
				-4.40(0.22)/60.0(-3.0)		29.9						
-AWPB												
	3B30-06(09)	.	IO	60.0	-3.0				74S37	74S37	ACTL	C8
	3B24-14(16)	1.	II	-0.40	0.2	2.1	-WF		93425A	93425A	AMFM1	B5
	3B23-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	B3
	3B22-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	B1
	3B17-14(16)	.1	II	-0.40	0.2	1.5	-WF		93425A	93425A	AMFM1	B2
	3B18-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	B4
	3A13-14(16)	.1	II	-0.40	0.2	3.4	-WF		93425A	93425A	AMFM0	D4
	3A14-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	D5
	3A15-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	D7
	3A10-14(16)	1.	II	-0.40	0.2	1.5	-WF		93425A	93425A	AMFM0	D8
	3A09-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	D6
	3A08-14(16)	1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM0	D4
				-4.40(0.22)/60.0(-3.0)		29.8						
-AWPC												
	3B30-08(11)	.	IO	60.0	-3.0				74S37	74S37	ACTL	C8
	3B25-14(16)	1.	II	-0.40	0.2	2.0	-WF		93425A	93425A	AMFM1	B7
	3A22-14(16)	.1	II	-0.40	0.2	1.6	-WF		93425A	93425A	AMFM1	D1
	3A23-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	D3
	3A24-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	D5
	3A25-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	D7
	3A20-14(16)	.1	II	-0.40	0.2	1.5	-WF		93425A	93425A	AMFM1	D8
	3A19-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	D6
	3A18-14(16)	.1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	D4
	3A17-14(16)	1.	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	D2
	3B20-14(16)	.1	II	-0.40	0.2	1.6	-WF		93425A	93425A	AMFM1	B8
	3B19-14(16)	1	II	-0.40	0.2	.9	-WF		93425A	93425A	AMFM1	B6
				-4.40(0.22)/60.0(-3.0)		28.0						

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADRA WLR 29-FEB-80 2054

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
BOOT. TRAP										
4DJ1-19	.					CON		CPINS	D8	
3F18-06(09)	1	II	-2.0	0.5	5.9		74S02	74S02	TRAP	D4
			-2.0/0.0							
-CIN0	2B28-07(2B27-16)	.	II	-10.0	0.25		CN	74S181	74S181	AIU0 D7
	2B18-09(11)	1	IO	20.0	-1.0	2.2	QUI	74S153	74S153	AIUC4 D6
	2A18-13(15)	1	II	-2.0	0.5	3.2	CN	74S182	74S182	AIUC4 D1
	2A20-13(15)	1	II	-2.0	0.5	1.4	CN	74S182	74S182	AIUC4 B1
			-14.0(0.35)/20.0(-1.0)		9.8				OVERLOADED	2
-CIN12	2A23-07(2A22-16)	.	II	-10.0	0.25		CN	74S181	74S181	AIU0 D2
	2A20-09(11)	1	IO	20.0	-1.0	2.1	CN+7	74S182	74S182	AIUC4 B1
			-10.0(0.25)/20.0(-1.0)							
-CIN16	2B13-07(2B12-16)	\	II	-10.0	0.25		CN	74S181	74S181	AIU1 D8
	2A18-12(14)	1	IO	20.0	-1.0	3.9	CN+X	74S182	74S182	AIUC4 D1
	2A19-13(15)	1	II	-2.0	0.5	1.0	CN	74S182	74S182	AIUC4 B2
			-12.0(0.30)/20.0(-1.0)		6.4					
-CIN20	2A19-12(14)	.	IO	20.0	-1.0		CN+X	74S182	74S182	AIUC4 B2
	2A13-07(2A12-16)	1	II	-10.0	0.25	2.1	CN	74S181	74S181	AIU1 D6
			-10.0(0.25)/20.0(-1.0)							
-CIN24	2B08-07(2B07-16)	.	II	-10.0	0.25		CN	74S181	74S181	AIU1 D4
	2A19-11(13)	1	IO	20.0	-1.0	4.9	CN+Y	74S182	74S182	AIUC4 B2
			-10.0(0.25)/20.0(-1.0)							
-CIN28	2A19-09(11)	.	IO	20.0	-1.0		CN+7	74S182	74S182	AIUC4 B2
	2A08-07(2A07-16)	1	II	-10.0	0.25	3.3	CN	74S181	74S181	AIU1 D3
			-10.0(0.25)/20.0(-1.0)							
-CIN32	2A18-11(13)	.	IO	20.0	-1.0		CN+Y	74S182	74S182	AIUC4 D1
	2A03-07(2A02-16)	1	II	-10.0	0.25	4.1	CN	74S181	74S181	AIU1 D1
			-10.0(0.25)/20.0(-1.0)							
-CIN4	2A28-07(2A27-16)	.	II	-10.0	0.25		CN	74S181	74S181	AIU0 D5
	2A20-12(14)	1	IO	20.0	-1.0	2.9	CN+X	74S182	74S182	AIUC4 B1
			-10.0(0.25)/20.0(-1.0)							
-CIN8	2B23-07(2B22-16)	.	II	-10.0	0.25		CN	74S181	74S181	AIU0 D3
	2A20-11(13)	1	IO	20.0	-1.0	4.7	CN+Y	74S182	74S182	AIUC4 B1
			-10.0(0.25)/20.0(-1.0)							
CLK1										
1B19-03(06)	.	II	-2.0	0.5			74S04	74S04A	CI OCKD B1	ONE PIN RUN 0
										NO DRIVE 1
-CLK1	1B19-04(07)	.	IO	20.0	-1.0		74S04	74S04A	CI OCKD B1	
	1B18-01(04)	1	II S	-4.0	0.10	1.0	74S37	74S37	CI OCKD A3	
			-4.0(0.10)/20.0(-1.0)							
CLK1A	2B03-02(04)	.	II	-2.0	0.5		CLK	74S169	74S169	IC B1
	1A26-02(04)	1	II	-2.0	0.5	3.6	CLK	74S169	74S169	IC B2
	1B28-02(04)	1	II	-2.0	0.5	2.1	CLK	74S169	74S169	IC B3
	1B23-09(11)	1	II	-2.0	0.5	1.0	CLK	25S07	25S07	VMA B1
	1B22-09(11)	1	II	-2.0	0.5	.9	CLK	25S07	25S07	VMA B2
	1B18-03(06)	1	IO	60.0	-3.0	2.1	74S37	74S37	CI OCKD A3	
			-10.0(0.25)/60.0(-3.0)		15.7					
CLK2	2C02-09(12)	.	II	-2.0	0.5		74S04	74S04A	CI OCKD C1	
	2C02-05(08)	1	II	-2.0	0.5	.8	74S04	74S04A	CI OCKD C1	
			-4.0/0.0							NO DRIVE 1

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

29-11B 80 2054

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
CLK2A	2C05-02(04)	.	II	-2.0	0.5		CLK	74S169	74S169	IC	B7
	2C03-03(06)	1.	IO	60.0	-3.0	1.5		74S37	74S37	CLOCKD	B3
	1C27-09(11)	.1	II	-2.0	0.5	2.8	CLK	25S09	25S09	ICC	D8
	1C22-09(11)	1.	II	-2.0	0.5	1.5	CLK	25S07	25S07	VMA	B8
	1C23-09(11)	.1	II	-2.0	0.5	.9	CLK	74S175	74S175	VCII 1	B8
	1C24-09(11)	1.	II	-2.0	0.5	.9	CLK	25S07	25S07	VMA	B5
	1C25-09(11)	.1	II	-2.0	0.5	.9	CLK	25S07	25S07	VMA	B4
	1C30-02(04)	1	II	-2.0	0.5	1.0	CLK	74S169	74S169	IC	B4
						-14.0(0.35)/60.0(-3.0)	18.5				
-CLK2A	2C03-01(04)	\	IIS	-4.0	0.10			74S37	74S37	CLOCKD	B3
	2C03-04(07)	.1	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	C3
	2C02-08(11)	1	IO	20.0	-1.0	1.3		74S04	74S04A	CLOCKD	C1
					-8.0(0.20)/20.0(-1.0)	3.5					
CLK2B	2C28-11(13)	\	II	-2.0	0.5		CLK	74S194	74S194	Q	D6
	2C27-11(13)	.1	II	-2.0	0.5	.9	CLK	74S194	74S194	Q	B8
	2C22-11(13)	1.	II	-2.0	0.5	1.5	CLK	74S194	74S194	Q	D3
	2C23-11(13)	.1	II	-2.0	0.5	.9	CLK	74S194	74S194	Q	D1
	2C13-11(13)	1.	II	-2.0	0.5	2.6	CLK	74S194	74S194	Q	B6
	2C12-11(13)	.1	II	-2.0	0.5	.9	CLK	74S194	74S194	Q	B8
	2C07-11(13)	1.	II	-2.0	0.5	1.5	CLK	74S194	74S194	Q	B3
	2C08-11(13)	.1	II	-2.0	0.5	.9	CLK	74S194	74S194	Q	B1
	2C03-06(09)	1	IO	60.0	-3.0	1.5		74S37	74S37	CLOCKD	C3
						-16.0(0.40)/60.0(-3.0)	21.2				
CLK2C	2C03-08(11)	.	IO	60.0	-3.0			74S37	74S37	CLOCKD	C3
	1D25-09(11)	1.	II	-2.0	0.5	4.5	CLK	25S07	25S07	VMA	B6
	1D29-02(04)	.1	II	-2.0	0.5	1.0	CLK	74S169	74S169	IC	B6
	1D27-03(06)	1.	II	-2.0	0.5	1.5		74S02	74S020	VCII 2	C2
	1D27-06(09)	.1	II	-2.0	0.5	.7		74S02	74S020	VCII 2	D2
	1D27-08(11)	1.	II	-2.0	0.5	.8		74S02	74S020	VCII 1	A2
	1F14-11	.1	II	-0.25	0.5	5.9	CLK	74S374	74S374	IWR	D2
	1F12-11	1	II	-0.25	0.5	1.4	CLK	74S374	74S374	IWR	D1
					-10.50(0.35)/60.0(-3.0)	24.8					
-CLK2C	2C02-06(09)	\	IO	20.0	-1.0			74S04	74S04A	CLOCKD	C1
	2C03-10(13)	.1	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	C3
	1D16-03(06)	1	IIS	-2.0	0.5	6.5		74S51	74S51	MD	D2
					-6.0(0.15)/20.0(-1.0)	8.7					
CLK3	3C12-09(12)	\	II	-2.0	0.5			74S04	74S04A	CLOCKD	B6
	3C12-05(08)	.1	II	-2.0	0.5	.8		74S04	74S04A	CLOCKD	B6
	3C12-03(06)	1	II	-2.0	0.5	.6		74S04	74S04A	CLOCKD	B6
					-6.0/0.0	2.9				NO DRIVE	1
CLK3A	3D06-09(11)	\	II	-2.0	0.5		CLK	25S09	25S09	IRFG	B2
	3D07-09(11)	.1	II	-2.0	0.5	.9	CLK	25S09	25S09	IRFG	B3
	3C11-03(06)	1.	IO	60.0	-3.0	3.0		74S37	74S37	CLOCKD	A8
	3C01-09(11)	.1	II	-2.0	0.5	2.3	CLK	25S09	25S09	IRFG	D4
	3C02-09(11)	1.	II	-2.0	0.5	.9	CLK	25S09	25S09	IRFG	D5
	3C03-09(11)	.1	II	-2.0	0.5	.9	CLK	25S09	25S09	IRFG	D7
	3C04-09(11)	1	II	-2.0	0.5	.9	CLK	25S09	25S09	IRFG	D8
						-12.0(0.30)/60.0(-3.0)	16.4				
-CLK3A	3C12-08(11)	.	IO	20.0	-1.0			74S04	74S04A	CLOCKD	B6
	3C11-04(07)	1.	IIS	-4.0	0.10	.8		74S37	74S37	CLOCKD	A8
	3C11-01(04)	.1	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	A8
	3C11-10(13)	1	IIS	-4.0	0.10	.9		74S37	74S37	CLOCKD	A8
					-12.0(0.30)/20.0(-1.0)	5.4					

CADR PROFESSOR
SIGNAL NAME

CADRWD:CADR4 WLR 29-FEB-80 2054

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIP1YPT	BODY	FILE	POS
CIK3B 3D16-09(11)	.	II	-2.0	0.5		CIK	25S09	25S09	IRFG	B4
3D17-09(11)	!	II	-2.0	0.5	.9	CIK	25S09	25S09	IRFG	B5
3D18-09(11)	.!	II	-2.0	0.5	.9	CIK	25S09	25S09	IRFG	B7
3D19-09(11)	!	II	-2.0	0.5	.9	CIK	25S09	25S09	IRFG	B8
3D20-09(11)	.!	II	-2.0	0.5	.9	CIK	25S09	25S09	IRFG	D1
3C11-06(09)	!	IO	60.0	-3.0	2.0		74S37	74S37	CLOCKD	A8
3C17-09(11)	.!	II	-2.0	0.5	1.7	CIK	25S09	25S09	IRFG	D2
3C19-09(11)	!	II	-2.0	0.5	1.4	CIK	25S09	25S09	IRFG	D3
			-14.0(0.35)/60.0(-3.0)			17.7				
CIK3C 3C11-08(11)	.	IO	60.0	-3.0			74S37	74S37	CLOCKD	A8
3E08-09	!	II	-0.36	0.2	4.7	CIK	25LS2519	25LS2519		FLAG D2
3F12-09(11)	.!	II	-2.0	0.5	1.9	CIK	74S175	74S175	LCC	C4
3D26-09(11)	!	II	-2.0	0.5	4.4	CIK	74S175	74S175	CONTRL	D1
			-4.36(0.12)/60.0(-3.0)			14.0				
CIK3D 3C13-03(06)	.	IO	60.0	-3.0			74S37	74S37	CLOCKD	B8
3B15-01(03)	!	II	-4.0	0.10	4.2	SFI	74S258	74S258	ACIL	D4
3A12-01(03)	.!	II	-4.0	0.10	1.6	SFI	74S258	74S258	ACIL	D5
3A16-01(03)	!	II	-4.0	0.10	1.7	SFI	74S258	74S258	ACIL	D3
3A21-01(03)	.!	II	-4.0	0.10	1.5	SFI	74S258	74S258	ACIL	D1
3B29-09(11)	!	II	-2.0	0.5	2.8	CIK	25S09	25S09	ACIL	B1
3B28-09(11)	.!	II	-2.0	0.5	.9	CIK	25S09	25S09	ACIL	B2
3B26-09(11)	!	II	-2.0	0.5	1.4	CIK	74S174	74S174	ACIL	B4
			-22.0(0.55)/60.0(-3.0)			23.1				
-CIK3D 3C13-01(04)	.	IIIS	-4.0	0.10			74S37	74S37	CLOCKD	B8
3C13-04(07)	!	IIIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	B8
3C13-10(13)	.!	IIIS	-4.0	0.10	.8		74S37	74S37	CLOCKD	B8
3C12-06(09)	!	IO	20.0	-1.0	.7		74S04	74S04A	CLOCKD	B6
			-12.0(0.30)/20.0(-1.0)			5.2				
CIK3E 3C13-06(09)	\	IO	60.0	-3.0			74S37	74S37	CLOCKD	B8
3C14-09(11)	.!	II	-2.0	0.5	.7	CIK	25S07	25S07	DSPCIL	B6
3C15-09(11)	!	II	-2.0	0.5	.9	CIK	25S07	25S07	DSPCIL	B8
3B02-11	.!	II	-0.25	0.5	3.0	-I AICH	74S373	74S373	AI AICH	B1
3B04-11	!	II	-0.25	0.5	1.4	-I AICH	74S373	74S373	AI AICH	B3
3A01-11	.!	II	-0.25	0.5	1.6	-I AICH	74S373	74S373	AI AICH	B5
3A06-01(03)	!	II	-4.0	0.10	.9	SFI	74S258	74S258	ACIL	D6
3A03-11	.!	II	-0.25	0.5	1.3	-I AICH	74S373	74S373	AI AICH	B6
3A05-11	!	II	-0.25	0.5	1.4	-I AICH	74S373	74S373	AI AICH	B8
			-9.25(0.45)/60.0(-3.0)			21.7				
CIK3F 3C13-08(11)	.	IO	60.0	-3.0			74S37	74S37	CLOCKD	B8
3C21-02(04)	!	II	-2.0	0.5	2.2	CIK	74S169	74S169	PDIPIR	C8
3C22-09(11)	.!	II	-2.0	0.5	1.1	CIK	25S07	25S07	PDIPIR	D6
3C29-11	!	II	-0.25	0.5	1.9	CIK^	74S374	74S374	I	B1
3C28-11	.!	II	-0.25	0.5	.9	CIK^	74S374	74S374	I	B3
3C27-11	!	II	-0.25	0.5	.9	CIK^	74S374	74S374	I	B5
3C26-11	.!	II	-0.25	0.5	.9	CIK^	74S374	74S374	I	B7
3D30-02(04)	!	II	-2.0	0.5	1.2	CIK	74S169	74S169	PDIPIR	C5
3D25-09(11)	.!	II	-2.0	0.5	1.0	CIK	25S07	25S07	PDIPIR	D8
3D24-02(04)	!	II	-2.0	0.5	1.1	CIK	74S169	74S169	PDIPIR	C6
			-11.0(0.45)/60.0(-3.0)			23.2				
-CIK3G 3F17-13(16)	.	IIIS	-2.0	0.5			74S10	74S10	VCI 1	D8
3C12-04(07)	!	IO	20.0	-1.0	9.1		74S04	74S04A	CLOCKD	B6
			-2.0(0.5)/20.0(-1.0)							
CIK4 4C06-05(08)	\	II	-2.0	0.5			74S04	74S04A	CLOCKD	C6
4C06-03(06)	.!	II	-2.0	0.5	.6		74S04	74S04A	CLOCKD	C6
4C06-01(04)	!	II	-2.0	0.5	.6		74S04	74S04A	CLOCKD	C6
			-6.0/0.0		2.7					

NO DRIVE 1

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2054								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYP	BODY	FILE	POS		
LOC(PIN#)													
CLK4A	4C02-03(06)	.	TO	60.0	-3.0				74S37	74S37	CLOCKD	B8	
	4B02-11	.1	TI	-0.25	0.5	2.9	-I AICH	74S373	74S373	MI AICH	B1		
	4B03-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	PI AICH	D3		
	4B08-11	.1	TI	-0.25	0.5	1.5	-I AICH	74S373	74S373	PI AICH	D1		
	4B04-11	.1	TI	-0.25	0.5	1.7	-I AICH	74S373	74S373	MI AICH	B3		
	4B05-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	PI AICH	D5		
	4A01-11	.1	TI	-0.25	0.5	1.1	-I AICH	74S373	74S373	MI AICH	B5		
	4A02-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	PI AICH	D6		
	4A03-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	MI AICH	B6		
	4A04-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	PI AICH	D8		
	4A05-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	MI AICH	B8		
				-2.50(0.50)/60.0(-3.0)			26.1						
-CLK4A	4C06-06(09)	.	TO	20.0	-1.0				74S04	74S04A	CLOCKD	C6	
	4C02-10(13)	.1	TI S	-4.0	0.10	1.7			74S37	74S37	CLOCKD	C8	
	4C02-04(07)	.1	TI S	-4.0	0.10	.8			74S37	74S37	CLOCKD	C8	
	4C02-01(04)	.1	TI S	-4.0	0.10	.7			74S37	74S37	CLOCKD	B8	
				-12.0(0.30)/20.0(-1.0)			6.2						
CLK4B	4F06-09(11)	.	TI	-2.0	0.5		CI K	25S07	25S07	I PC	B4		
	4F07-09(11)	.1	TI	-2.0	0.5	.9	CI K	25S07	25S07	I PC	B3		
	4F08-09(11)	.1	TI	-2.0	0.5	.9	CI K	25S07	25S07	I PC	B1		
	4E04-11	.1	TI	-0.25	0.5	3.8	CI K ^	74S374	74S374	N PC	D1		
	4E05-11	.1	TI	-0.25	0.5	.9	CI K ^	74S374	74S374	N PC	D2		
	4D07-09(12)	.1	TI S	-2.0	0.5	2.0			74S51	74S51	PDICHL	D2	
	4D07-02(05)	.1	TI S	-2.0	0.5	.9			74S51	74S51	PDICHL	C2	
	4C02-06(09)	.1	TO	60.0	-3.0	3.2			74S37	74S37	CLOCKD	C8	
				-10.50(0.35)/60.0(-3.0)			21.6						
CLK4C	4C02-08(11)	.	TO	60.0	-3.0				74S37	74S37	CLOCKD	C8	
	4C04-11	.1	TI	-0.25	0.5	1.4	CI K ^	74S374	74S374	I WR	D4		
	4C05-11	.1	TI	-0.25	0.5	.9	CI K ^	74S374	74S374	I WR	D5		
	4B01-11	.1	TI	-0.25	0.5	1.1	CI K ^	74S374	74S374	I WR	D6		
	4B06-11	.1	TI	-0.25	0.5	1.5	CI K ^	74S374	74S374	I WR	D8		
	4A07-11	.1	TI	-0.25	0.5	3.6	-I AICH	74S373	74S373	SPCI CH	B5		
	4A09-11	.1	TI	-0.25	0.5	1.4	-I AICH	74S373	74S373	SPCI CH	B7		
	4A10-11	.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	SPCI CH	B8		
					-1.75(0.35)/60.0(-3.0)			19.8					
	CLK4D	4C07-03(06)	.	TO	60.0	-3.0				74S37	74S37	CLOCKD	C8
4F20-11		.1	TI	-0.25	0.5	7.8	-I AICH	74S373	74S373	SPCI CH	B4		
4F19-11		.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	SPCI CH	B2		
4F18-11		.1	TI	-0.25	0.5	.9	-I AICH	74S373	74S373	SPCI CH	B1		
4F14-09(11)		.1	TI	-2.0	0.5	1.7	CI K	25S09	25S09	SPCW	D8		
4F13-09(11)		.1	TI	-2.0	0.5	.9	CI K	25S09	25S09	SPCW	D6		
4F12-09(11)		.1	TI	-2.0	0.5	.9	CI K	25S09	25S09	SPCW	D4		
4F11-09(11)		.1	TI	-2.0	0.5	.9	CI K	25S09	25S09	SPCW	D3		
				-8.75(0.35)/60.0(-3.0)			23.0						
-CLK4D	4C07-01(04)	.	TI S	-4.0	0.10				74S37	74S37	CLOCKD	C8	
	4C07-04(07)	.1	TI S	-4.0	0.10	.7			74S37	74S37	CLOCKD	D8	
	4C07-10(13)	.1	TI S	-4.0	0.10	.8			74S37	74S37	CLOCKD	D8	
	4C06-04(07)	.1	TO	20.0	-1.0	.7			74S04	74S04A	CLOCKD	C6	
				-12.0(0.30)/20.0(-1.0)			5.2						
CLK4E	4C07-06(09)	.	TO	60.0	-3.0				74S37	74S37	CLOCKD	D8	
	4B19-01(03)	.1	TI	-4.0	0.10	4.5	SI I	74S258	74S258	MC II	D1		
	4A16-01(03)	.1	TI	-4.0	0.10	1.6	SI I	74S258	74S258	MC II	D2		
	4A18-01(03)	.1	TI	-4.0	0.10	1.4	SI I	74S258	74S258	MC II	D4		
				-12.0(0.30)/60.0(-3.0)			10.5						

CADR PROCESSOR		CADRWD:CADR4 WIR			29-FEB-80 2054							
STGNAI	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
-CLK4F	4D07-13(16)	\	IIS	-2.0	0.5				74S51	74S51	PDI CTL	D2
	4D07-04(07)	.I	IIS	-2.0	0.5	.8			74S51	74S51	PDI CII	C2
	4C06-02(05)	I	IO	20.0	-1.0	2.7			74S04	74S04A	CLOCKD	C6
				-4.0(0.10)/20.0(-1.0)			5.0					
CLK4F	4F28-02(04)	.	II	-2.0	0.5		CLK		74S169	74S169	SPC	B8
	4F23-02(04)	.I	II	-2.0	0.5	1.5	CLK		74S169	74S169	SPC	B6
	4C11-09(11)	.I	II	-2.0	0.5	7.4	CLK		74S175	74S175	PDI CII	D4
	4C07-08(11)	I	IO	60.0	-3.0	1.7			74S37	74S37	CLOCKD	D8
				-6.0(0.15)/60.0(-3.0)			13.6					
CONDS0	3F14-08(11)	.	IO	20.0	-1.0				74S08	74S08	FLAG	D5
	3F13-11(13)	I	II	-2.0	0.5	1.0	SFI0		74S151	74S151	FLAG	D7
				-2.0(0.5)/20.0(-1.0)								
CONDS1	3F14-06(09)	.	IO	20.0	-1.0				74S08	74S08	FLAG	C5
	3F13-10(12)	I	II	-2.0	0.5	1.2	SFI1		74S151	74S151	FLAG	D7
				-2.0(0.5)/20.0(-1.0)								
CONDS2	3F14-03(06)	.	IO	20.0	-1.0				74S08	74S08	FLAG	C5
	3F13-09(11)	I	II	-2.0	0.5	1.3	SFI2		74S151	74S151	FLAG	D7
				-2.0(0.5)/20.0(-1.0)								
-DADR0A	3F06-02(04)	\	II	-0.40	0.2		A0		93425A	93425A	DRAM0	D7
	3F07-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	B7
	3F08-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	D8
	3F09-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	B8
	3F04-02(04)	.I	II	-0.40	0.2	1.5	A0		93425A	93425A	DRAM0	B6
	3F03-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	D6
	3F02-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	B6
	3F01-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	D6
	2F26-02(04)	.I	II	-0.40	0.2	3.0	A0		93425A	93425A	DRAM0	D4
	2F27-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	B4
	2F28-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	D5
	2F29-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM0	B5
	2F24-08(11)	I	IO	20.0	-1.0	1.0			74S64	74S64	DRAM0	D1
				-4.80(0.24)/20.0(-1.0)			30.1					
-DADR0B	2F16-02(04)	\	II	-0.40	0.2		A0		93425A	93425A	DRAM1	D7
	2F17-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	B7
	2F18-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	D8
	2F19-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	B8
	2F14-02(04)	.I	II	-0.40	0.2	1.5	A0		93425A	93425A	DRAM1	B6
	2F13-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	D6
	2F12-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	B6
	2F11-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	D6
	2F06-02(04)	.I	II	-0.40	0.2	1.5	A0		93425A	93425A	DRAM1	D4
	2F07-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	B4
	2F08-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	D5
	2F09-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM1	B5
	2F05-08(11)	I	IO	20.0	-1.0	1.0			74S64	74S64	DRAM1	D1
				-4.80(0.24)/20.0(-1.0)			28.6					
-DADR0C	2F01-08(11)	\	IO	20.0	-1.0				74S64	74S64	DRAM2	D1
	1F29-02(04)	.I	II	-0.40	0.2	4.1	A0		93425A	93425A	DRAM2	B8
	1F28-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	D8
	1F27-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	B7
	1F26-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	D7
	1F21-02(04)	.I	II	-0.40	0.2	1.5	A0		93425A	93425A	DRAM2	D6
	1F22-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	B6
	1F23-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	D6
	1F24-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	B6
	1F19-02(04)	.I	II	-0.40	0.2	1.5	A0		93425A	93425A	DRAM2	B5
	1F18-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	D5
	1F17-02(04)	.I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	B4
	1F16-02(04)	I	II	-0.40	0.2	.9	A0		93425A	93425A	DRAM2	D4
				-4.80(0.24)/20.0(-1.0)			31.7					

CADR PROCESSOR		CADRWD;CADR4 WLR			29-FEB-80 2054						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USEF	DIP TYPE	BODY	FILE	POS
DADR10A	3F08-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	DRAM0	D8
	3F06-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM0	D7
	3F01-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM0	D6
	3F03-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM0	D6
	2F28-01(03)	.1	II	-0.40	0.2	3.0	-CF	93425A	93425A	DRAM0	D5
	2F26-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM0	D4
	2F21-04(07)	.1	IO	20.0	-1.0	1.1		74504	74504A	DRAM0	C3
	2F11-01(03)	.1	II	-0.40	0.2	3.0	-CF	93425A	93425A	DRAM1	D6
	2F06-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM1	D4
	2F08-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM1	D5
				-3.60(0.18)/20.0(-1.0)							27.7
-DADR10A											
	3F09-01(03)	\	II	-0.40	0.2		-CF	93425A	93425A	DRAM0	B8
	3F07-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM0	B7
	3F02-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM0	B6
	3F04-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM0	B6
	2F29-01(03)	.1	II	-0.40	0.2	3.0	-CF	93425A	93425A	DRAM0	B5
	2F27-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM0	B4
	2F21-06(09)	.1	IO	20.0	-1.0	1.2		74504	74504A	DRAM0	C3
	2F21-03(06)	.1	II	-2.0	0.5	.7		74504	74504A	DRAM0	C3
	2F12-01(03)	.1	II	-0.40	0.2	3.0	-CF	93425A	93425A	DRAM1	B6
	2F07-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM1	B4
	2F09-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM1	B5
				-5.60(0.23)/20.0(-1.0)							30.0
DADR10C	2F16-01(03)	.	II	-0.40	0.2		-CF	93425A	93425A	DRAM1	D7
	2F18-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM1	D8
	2F13-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM1	D6
	2F02-04(07)	.1	IO	20.0	-1.0	2.3		74504	74504A	DRAM2	D3
	1F28-01(03)	.1	II	-0.40	0.2	3.5	-CF	93425A	93425A	DRAM2	D8
	1F26-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM2	D7
	1F21-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM2	D6
	1F23-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM2	D6
	1F18-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM2	D5
	1F16-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM2	D4
				-3.60(0.18)/20.0(-1.0)							27.9
-DADR10C											
	2F17-01(03)	\	II	-0.40	0.2		-CF	93425A	93425A	DRAM1	B7
	2F19-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM1	B8
	2F14-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM1	B6
	2F02-06(09)	.1	IO	20.0	-1.0	2.3		74504	74504A	DRAM2	D3
	2F02-03(06)	.1	II	-2.0	0.5	.7		74504	74504A	DRAM2	D3
	1F29-01(03)	.1	II	-0.40	0.2	3.5	-CF	93425A	93425A	DRAM2	B8
	1F27-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM2	B7
	1F22-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM2	B6
	1F24-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM2	B6
	1F19-01(03)	.1	II	-0.40	0.2	1.5	-CF	93425A	93425A	DRAM2	B5
	1F17-01(03)	.1	II	-0.40	0.2	1.4	-CF	93425A	93425A	DRAM2	B4
				-5.60(0.23)/20.0(-1.0)							30.1
-DADR1A											
	3F10-08(11)	\	IO	20.0	-1.0			74551	74551	DRAM0	B3
	3F09-03(05)	.1	II	-0.40	0.2	1.0	A1	93425A	93425A	DRAM0	B8
	3F08-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	D8
	3F07-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	B7
	3F06-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	D7
	3F01-03(05)	.1	II	-0.40	0.2	1.5	A1	93425A	93425A	DRAM0	D6
	3F02-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	B6
	3F03-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	D6
	3F04-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	B6
	2F29-03(05)	.1	II	-0.40	0.2	3.0	A1	93425A	93425A	DRAM0	B5
	2F28-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	D5
	2F27-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	B4
	2F26-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM0	D4
				-4.80(0.24)/20.0(-1.0)							30.1

CADR PROCESSOR

CADRWD;CADR4 WLR

29-FEB-80 2054

SIGNAL NAME

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHS	USE	DIPIYPE	BODY	FILE	POS	
-DADR1B	2F20-08(11)	\	IO	20.0	-1.0				74S51 74S51	DRAM1	B3	
	2F19-03(05)	.1	II	-0.40	0.2	1.0	A1	93425A	93425A	DRAM1	B8	
	2F18-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	D8	
	2F17-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	B7	
	2F16-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	D7	
	2F11-03(05)	.1	II	-0.40	0.2	1.5	A1	93425A	93425A	DRAM1	D6	
	2F12-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	B6	
	2F13-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	D6	
	2F14-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	B6	
	2F09-03(05)	.1	II	-0.40	0.2	1.5	A1	93425A	93425A	DRAM1	B5	
	2F08-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	D5	
	2F07-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	B4	
	2F06-03(05)	.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM1	D4	
	-4.80(0.24)/20.0(-1.0) 28.6											
	-DADR1C	1F30-08(11)	\	IO	20.0	-1.0				74S51 74S51	DRAM2	B3
		1F29-03(05)	.1	II	-0.40	0.2	1.0	A1	93425A	93425A	DRAM2	B8
1F28-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	D8	
1F27-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	B7	
1F26-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	D7	
1F21-03(05)		.1	II	-0.40	0.2	1.5	A1	93425A	93425A	DRAM2	D6	
1F22-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	B6	
1F23-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	D6	
1F24-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	B6	
1F19-03(05)		.1	II	-0.40	0.2	1.5	A1	93425A	93425A	DRAM2	B5	
1F18-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	D5	
1F17-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	B4	
1F16-03(05)		.1	II	-0.40	0.2	.9	A1	93425A	93425A	DRAM2	D4	
-4.80(0.24)/20.0(-1.0) 28.6												
-DADR2A		3F06-04(06)	\	II	-0.40	0.2		A2	93425A	93425A	DRAM0	D7
		3F07-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	B7
	3F08-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	D8	
	3F09-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	B8	
	3F05-08(11)	.1	IO	20.0	-1.0	1.2		74S51 74S51	DRAM0	A3		
	3F04-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	B6	
	3F03-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	D6	
	3F02-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	B6	
	3F01-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	D6	
	2F26-04(06)	.1	II	-0.40	0.2	3.0	A2	93425A	93425A	DRAM0	D4	
	2F27-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	B4	
	2F28-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	D5	
	2F29-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM0	B5	
	-4.80(0.24)/20.0(-1.0) 29.7											
	-DADR2B	2F16-04(06)	\	II	-0.40	0.2		A2	93425A	93425A	DRAM1	D7
		2F17-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	B7
2F18-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	D8	
2F19-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	B8	
2F15-08(11)		.1	IO	20.0	-1.0	1.2		74S51 74S51	DRAM1	A3		
2F14-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	B6	
2F13-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	D6	
2F12-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	B6	
2F11-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	D6	
2F06-04(06)		.1	II	-0.40	0.2	1.5	A2	93425A	93425A	DRAM1	D4	
2F07-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	B4	
2F08-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	D5	
2F09-04(06)		.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM1	B5	
-4.80(0.24)/20.0(-1.0) 28.2												
-DADR2C		1F26-04(06)	\	II	-0.40	0.2		A2	93425A	93425A	DRAM2	D7
		1F27-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	B7
	1F28-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	D8	
	1F29-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	B8	
	1F25-08(11)	.1	IO	20.0	-1.0	1.2		74S51 74S51	DRAM2	A3		
	1F24-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	B6	
	1F23-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	D6	
	1F22-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	B6	
	1F21-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	D6	
	1F16-04(06)	.1	II	-0.40	0.2	1.5	A2	93425A	93425A	DRAM2	D4	
	1F17-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	B4	
	1F18-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	D5	
	1F19-04(06)	.1	II	-0.40	0.2	.9	A2	93425A	93425A	DRAM2	B5	
	-4.80(0.24)/20.0(-1.0) 28.2											

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WIR

29-FEB-80 2055

LOC (PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DI1YPI	BODY	FILE	POS
-DADR3A 3F09-05(07)	\	II	-0.40	0.2		A3	93425A	93425A	DRAM0	B8
3F08-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	D8
3F07-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	B7
3F06-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	D7
3F01-05(07)	.1	II	-0.40	0.2	1.5	A3	93425A	93425A	DRAM0	D6
3F02-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	B6
3F03-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	D6
3F04-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	B6
2F30-08(11)	.1	IO	20.0	-1.0	2.8		74S51	74S51	DRAM0	A3
2F29-05(07)	.1	II	-0.40	0.2	.8	A3	93425A	93425A	DRAM0	B5
2F28-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	D5
2F27-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	B4
2F26-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM0	D4
			-4.80(0.24)/20.0(-1.0)			29.7				
-DADR3B 2F19-05(07)	\	II	-0.40	0.2		A3	93425A	93425A	DRAM1	B8
2F18-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	D8
2F17-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	B7
2F16-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	D7
2F11-05(07)	.1	II	-0.40	0.2	1.5	A3	93425A	93425A	DRAM1	D6
2F12-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	B6
2F13-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	D6
2F14-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	B6
2F10-08(11)	.1	IO	20.0	-1.0	1.3		74S51	74S51	DRAM1	A3
2F09-05(07)	.1	II	-0.40	0.2	.8	A3	93425A	93425A	DRAM1	B5
2F08-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	D5
2F07-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	B4
2F06-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM1	D4
			-4.80(0.24)/20.0(-1.0)			28.2				
-DADR3C 1F29-05(07)	\	II	-0.40	0.2		A3	93425A	93425A	DRAM2	B8
1F28-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	D8
1F27-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	B7
1F26-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	D7
1F21-05(07)	.1	II	-0.40	0.2	1.5	A3	93425A	93425A	DRAM2	D6
1F22-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	B6
1F23-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	D6
1F24-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	B6
1F20-08(11)	.1	IO	20.0	-1.0	1.3		74S51	74S51	DRAM2	A3
1F19-05(07)	.1	II	-0.40	0.2	.8	A3	93425A	93425A	DRAM2	B5
1F18-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	D5
1F17-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	B4
1F16-05(07)	.1	II	-0.40	0.2	.9	A3	93425A	93425A	DRAM2	D4
			-4.80(0.24)/20.0(-1.0)			28.2				
-DADR4A 3F10-06(09)	\	IO	20.0	-1.0			74S51	74S51	DRAM0	B2
3F09-06(08)	.1	II	-0.40	0.2	1.0	A4	93425A	93425A	DRAM0	B8
3F08-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	D8
3F07-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	B7
3F06-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	D7
3F01-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	DRAM0	D6
3F02-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	B6
3F03-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	D6
3F04-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	B6
2F29-06(08)	.1	II	-0.40	0.2	3.0	A4	93425A	93425A	DRAM0	B5
2F28-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	D5
2F27-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	B4
2F26-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM0	D4
			-4.80(0.24)/20.0(-1.0)			30.1				
-DADR4B 2F20-06(09)	\	IO	20.0	-1.0			74S51	74S51	DRAM1	B2
2F19-06(08)	.1	II	-0.40	0.2	1.0	A4	93425A	93425A	DRAM1	B8
2F18-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	D8
2F17-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	B7
2F16-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	D7
2F11-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	DRAM1	D6
2F12-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	B6
2F13-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	D6
2F14-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	B6
2F09-06(08)	.1	II	-0.40	0.2	1.5	A4	93425A	93425A	DRAM1	B5
2F08-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	D5
2F07-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	B4
2F06-06(08)	.1	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM1	D4
			-4.80(0.24)/20.0(-1.0)			28.6				

CADR PROC FSSOR
SIGNAL NAME

CADRWD;CADR4 WIR 29-FEB-80 2056

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-DADR4C 1F30-06(09)	N	IO	20.0	-1.0				74551 74551	DRAM2	B2	
1F29-06(08)	.I	II	-0.40	0.2	1.0	A4	93425A	93425A	DRAM2	B8	
1F28-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	D8	
1F27-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	B7	
1F26-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	D7	
1F21-06(08)	.I	II	0.40	0.2	1.5	A4	93425A	93425A	DRAM2	D6	
1F22-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	B6	
1F23-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	D6	
1F24-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	B6	
1F19-06(08)	.I	II	-0.40	0.2	1.5	A4	93425A	93425A	DRAM2	B5	
1F18-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	D5	
1F17-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	B4	
1F16-06(08)	.I	II	-0.40	0.2	.9	A4	93425A	93425A	DRAM2	D4	
			-4.80(0.24)/20.0(-1.0)			28.6					
-DADR5A 3F09-09(11)	N	II	-0.40	0.2		A5	93425A	93425A	DRAM0	B8	
3F08-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	D8	
3F07-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	B7	
3F06-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	D7	
3F01-09(11)	.I	II	-0.40	0.2	1.5	A5	93425A	93425A	DRAM0	D6	
3F02-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	B6	
3F03-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	D6	
3F04-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	B6	
3F05-06(09)	.I	IO	20.0	-1.0	1.3		74551 74551	DRAM0	A2		
2F29-09(11)	.I	II	-0.40	0.2	3.1	A5	93425A	93425A	DRAM0	B5	
2F28-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	D5	
2F27-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	B4	
2F26-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM0	D4	
			-4.80(0.24)/20.0(-1.0)			30.5					
-DADR5B 2F19-09(11)	N	II	-0.40	0.2		A5	93425A	93425A	DRAM1	B8	
2F18-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	D8	
2F17-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	B7	
2F16-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	D7	
2F11-09(11)	.I	II	-0.40	0.2	1.5	A5	93425A	93425A	DRAM1	D6	
2F12-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	B6	
2F13-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	D6	
2F14-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	B6	
2F15-06(09)	.I	IO	20.0	-1.0	1.3		74551 74551	DRAM1	A2		
2F09-09(11)	.I	II	-0.40	0.2	1.7	A5	93425A	93425A	DRAM1	B5	
2F08-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	D5	
2F07-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	B4	
2F06-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM1	D4	
			-4.80(0.24)/20.0(-1.0)			29.1					
-DADR5C 1F29-09(11)	N	II	-0.40	0.2		A5	93425A	93425A	DRAM2	B8	
1F28-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	D8	
1F27-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	B7	
1F26-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	D7	
1F21-09(11)	.I	II	-0.40	0.2	1.5	A5	93425A	93425A	DRAM2	D6	
1F22-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	B6	
1F23-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	D6	
1F24-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	B6	
1F25-06(09)	.I	IO	20.0	-1.0	1.3		74551 74551	DRAM2	A2		
1F19-09(11)	.I	II	-0.40	0.2	1.7	A5	93425A	93425A	DRAM2	B5	
1F18-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	D5	
1F17-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	B4	
1F16-09(11)	.I	II	-0.40	0.2	.9	A5	93425A	93425A	DRAM2	D4	
			-4.80(0.24)/20.0(-1.0)			29.1					
-DADR6A 3F06-10(12)	N	II	-0.40	0.2		A6	93425A	93425A	DRAM0	D7	
3F07-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	B7	
3F08-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	D8	
3F09-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	B8	
3F04-10(12)	.I	II	-0.40	0.2	1.5	A6	93425A	93425A	DRAM0	D6	
3F03-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	D6	
3F02-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	B6	
3F01-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	D6	
2F26-10(12)	.I	II	-0.40	0.2	3.0	A6	93425A	93425A	DRAM0	D4	
2F27-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	B4	
2F28-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	D5	
2F29-10(12)	.I	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM0	B5	
2F30-06(09)	.I	IO	20.0	-1.0	1.2		74551 74551	DRAM0	A2		
			-4.80(0.24)/20.0(-1.0)			30.3					

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WIR

#0-FEB-80 2058

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
-DADR6B 2F16-10(12)	\	II	-0.40	0.2		A6	93425A	93425A	DRAM1	D7	
2F17-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	B7	
2F18-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	D8	
2F19-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	B8	
2F14-10(12)	.1	II	-0.40	0.2	1.5	A6	93425A	93425A	DRAM1	B6	
2F13-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	D6	
2F12-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	B6	
2F11-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	D6	
2F06-10(12)	.1	II	-0.40	0.2	1.5	A6	93425A	93425A	DRAM1	D4	
2F07-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	B4	
2F08-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	D5	
2F09-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM1	B5	
2F10-06(09)	I	IO	20.0	-1.0	1.2		74S51	74S51	DRAM1	A2	
			-4.80(0.24)/20.0(-1.0)			28.8					
-DADR6C 1F26-10(12)	\	II	-0.40	0.2		A6	93425A	93425A	DRAM2	D7	
1F27-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	B7	
1F28-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	D8	
1F29-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	B8	
1F24-10(12)	.1	II	-0.40	0.2	1.5	A6	93425A	93425A	DRAM2	B6	
1F23-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	D6	
1F22-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	B6	
1F21-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	D6	
1F16-10(12)	.1	II	-0.40	0.2	1.5	A6	93425A	93425A	DRAM2	D4	
1F17-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	B4	
1F18-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	D5	
1F19-10(12)	.1	II	-0.40	0.2	.9	A6	93425A	93425A	DRAM2	B5	
1F20-06(09)	I	IO	20.0	-1.0	1.2		74S51	74S51	DRAM2	A2	
			-4.80(0.24)/20.0(-1.0)			28.8					
-DADR7A 3F09-11(13)	\	II	-0.40	0.2		A7	93425A	93425A	DRAM0	B8	
3F08-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	D8	
3F07-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	B7	
3F06-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	D7	
3F01-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	DRAM0	D6	
3F02-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	B6	
3F03-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	D6	
3F04-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	B6	
2F29-11(13)	.1	II	-0.40	0.2	3.0	A7	93425A	93425A	DRAM0	B5	
2F28-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	D5	
2F27-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	B4	
2F26-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM0	D4	
2F21-12(15)	I	IO	20.0	-1.0	1.7		74S04	74S04A	DRAM0	C3	
			-4.80(0.24)/20.0(-1.0)			30.8					
-DADR7B 2F16-11(13)	\	II	-0.40	0.2		A7	93425A	93425A	DRAM1	D7	
2F17-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	B7	
2F18-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	D8	
2F19-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	B8	
2F14-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	DRAM1	B6	
2F13-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	D6	
2F12-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	B6	
2F11-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	D6	
2F06-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	DRAM1	D4	
2F07-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	B4	
2F08-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	D5	
2F09-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM1	B5	
2F04-12(15)	I	IO	20.0	-1.0	1.7		74S04	74S04A	DRAM1	C3	
			-4.80(0.24)/20.0(-1.0)			29.3					
-DADR7C 2F02-12(15)	\	IO	20.0	-1.0			74S04	74S04A	DRAM2	D3	
1F29-11(13)	.1	II	-0.40	0.2	3.0	A7	93425A	93425A	DRAM2	B8	
1F28-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	D8	
1F27-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	B7	
1F26-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	D7	
1F21-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	DRAM2	D6	
1F22-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	B6	
1F23-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	D6	
1F24-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	B6	
1F19-11(13)	.1	II	-0.40	0.2	1.5	A7	93425A	93425A	DRAM2	B5	
1F18-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	D5	
1F17-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	B4	
1F16-11(13)	.1	II	-0.40	0.2	.9	A7	93425A	93425A	DRAM2	D4	
			-4.80(0.24)/20.0(-1.0)			30.6					

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2059						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USF	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
-DADR8A	3F09-12(14)	\	II	-0.40	0.2		A8	93425A	93425A	DRAM0	B8	
	3F08-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	D8	
	3F07-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	B7	
	3F06-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	D7	
	3F01-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	DRAM0	D6	
	3F02-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	B6	
	3F03-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	D6	
	3F04-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	B6	
	2F29-12(14)	.1	II	-0.40	0.2	3.0	A8	93425A	93425A	DRAM0	B5	
	2F28-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	D5	
	2F27-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	B4	
	2F26-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM0	D4	
	2F21-10(13)	!	IO	20.0	-1.0	1.4		74S04	74S04A	DRAM0	C3	
				-4.80(0.24)/20.0(-1.0)			30.5					
-DADR8B	2F16-12(14)	\	II	-0.40	0.2		A8	93425A	93425A	DRAM1	D7	
	2F17-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	B7	
	2F18-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	D8	
	2F19-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	B8	
	2F14-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	DRAM1	B6	
	2F13-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	D6	
	2F12-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	B6	
	2F11-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	D6	
	2F06-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	DRAM1	D4	
	2F07-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	B4	
	2F08-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	D5	
	2F09-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM1	B5	
	2F04-10(13)	!	IO	20.0	-1.0	1.4		74S04	74S04A	DRAM1	C3	
				-4.80(0.24)/20.0(-1.0)			29.0					
-DADR8C	2F02-10(13)	\	IO	20.0	-1.0			74S04	74S04A	DRAM2	D3	
	1F29-12(14)	.1	II	-0.40	0.2	3.3	A8	93425A	93425A	DRAM2	B8	
	1F28-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	D8	
	1F27-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	B7	
	1F26-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	D7	
	1F21-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	DRAM2	D6	
	1F22-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	B6	
	1F23-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	D6	
	1F24-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	B6	
	1F19-12(14)	.1	II	-0.40	0.2	1.5	A8	93425A	93425A	DRAM2	B5	
	1F18-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	D5	
	1F17-12(14)	.1	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	B4	
	1F16-12(14)	!	II	-0.40	0.2	.9	A8	93425A	93425A	DRAM2	D4	
				-4.80(0.24)/20.0(-1.0)			30.9					
-DADR9A	3F09-13(15)	\	II	-0.40	0.2		A9	93425A	93425A	DRAM0	B8	
	3F08-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	D8	
	3F07-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	B7	
	3F06-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	D7	
	3F01-13(15)	.1	II	-0.40	0.2	1.5	A9	93425A	93425A	DRAM0	D6	
	3F02-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	B6	
	3F03-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	D6	
	3F04-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	B6	
	2F29-13(15)	.1	II	-0.40	0.2	3.0	A9	93425A	93425A	DRAM0	B5	
	2F28-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	D5	
	2F27-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	B4	
	2F26-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM0	D4	
	2F21-08(11)	!	IO	20.0	-1.0	1.1		74S04	74S04A	DRAM0	C3	
				-4.80(0.24)/20.0(-1.0)			30.2					
-DADR9B	2F16-13(15)	\	II	-0.40	0.2		A9	93425A	93425A	DRAM1	D7	
	2F17-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	B7	
	2F18-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	D8	
	2F19-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	B8	
	2F14-13(15)	.1	II	-0.40	0.2	1.5	A9	93425A	93425A	DRAM1	B6	
	2F13-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	D6	
	2F12-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	B6	
	2F11-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	D6	
	2F06-13(15)	.1	II	-0.40	0.2	1.5	A9	93425A	93425A	DRAM1	D4	
	2F07-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	B4	
	2F08-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	D5	
	2F09-13(15)	.1	II	-0.40	0.2	.9	A9	93425A	93425A	DRAM1	B5	
	2F04-08(11)	!	IO	20.0	-1.0	1.1		74S04	74S04A	DRAM1	C3	
				-4.80(0.24)/20.0(-1.0)			28.7					

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADRA WLR 29-FFB-80 2100

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
-DADR9C 2F02-08(11)	. \	T0	20.0	-1.0				74S04	74S04A	DRAM2 D3
1F29-13(15)	.	TI	-0.40	0.2	3.6	A9	93425A	93425A	DRAM2 B8	
1F28-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 D8	
1F27-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 B7	
1F26-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 D7	
1F21-13(15)	.	TI	-0.40	0.2	1.5	A9	93425A	93425A	DRAM2 D6	
1F22-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 B6	
1F23-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 D6	
1F24-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 B6	
1F19-13(15)	.	TI	-0.40	0.2	1.5	A9	93425A	93425A	DRAM2 B5	
1F18-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 D5	
1F17-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 B4	
1F16-13(15)	.	TI	-0.40	0.2	.9	A9	93425A	93425A	DRAM2 D4	
			-4.80(0.24)/20.0(-1.0)		31.2					
DC0 3C15-02(04)	. .	T0	20.0	-1.0		Q0	25S07	25S07	DSPC11 B8	
1F03-17	.	TI	-0.40	0.5	20.3	IN5	74S241	74S241	OPCD B8	
			-0.40(0.5)/20.0(-1.0)							
DC1 3C15-05(07)	. .	T0	20.0	-1.0		Q1	25S07	25S07	DSPC11 B8	
1F03-15	.	TI	-0.40	0.5	20.4	IN6	74S241	74S241	OPCD B8	
			-0.40(0.5)/20.0(-1.0)							
DC2 3C15-07(09)	. .	T0	20.0	-1.0		Q2	25S07	25S07	DSPC11 B8	
1F03-13	.	TI	-0.40	0.5	20.4	IN7	74S241	74S241	OPCD B8	
			-0.40(0.5)/20.0(-1.0)							
DC3 3C15-10(12)	. .	T0	20.0	-1.0		Q3	25S07	25S07	DSPC11 B8	
1F03-11	.	TI	-0.40	0.5	20.1	IN8	74S241	74S241	OPCD B8	
			-0.40(0.5)/20.0(-1.0)							
DC4 3C15-12(14)	. .	T0	20.0	-1.0		Q4	25S07	25S07	DSPC11 B8	
1F01-17	.	TI	-0.40	0.5	20.8	IN5	74S241	74S241	OPCD B6	
			-0.40(0.5)/20.0(-1.0)							
DC5 3C15-15(17)	. .	T0	20.0	-1.0		Q5	25S07	25S07	DSPC11 B8	
1F01-15	.	TI	-0.40	0.5	20.3	IN6	74S241	74S241	OPCD B6	
			-0.40(0.5)/20.0(-1.0)							
DC6 3C14-02(04)	. .	T0	20.0	-1.0		Q0	25S07	25S07	DSPC11 B6	
1F01-13	.	TI	-0.40	0.5	20.1	IN7	74S241	74S241	OPCD B6	
			-0.40(0.5)/20.0(-1.0)							
DC7 3C14-05(07)	. .	T0	20.0	-1.0		Q1	25S07	25S07	DSPC11 B6	
1F01-11	.	TI	-0.40	0.5	20.2	IN8	74S241	74S241	OPCD B6	
			-0.40(0.5)/20.0(-1.0)							
DC8 3C14-07(09)	. .	T0	20.0	-1.0		Q2	25S07	25S07	DSPC11 B6	
1F04-17	.	TI	-0.40	0.5	21.4	IN5	74S241	74S241	OPCD B4	
			-0.40(0.5)/20.0(-1.0)							
DC9 3C14-10(12)	. .	T0	20.0	-1.0		Q3	25S07	25S07	DSPC11 B6	
1F04-15	.	TI	-0.40	0.5	21.1	IN6	74S241	74S241	OPCD B4	
			-0.40(0.5)/20.0(-1.0)							
DCDRIVE 1F04-19	. .	TI	-2.0	0.5		FNB	74S241	74S241	OPCD B4	
1F01-19	.	TI	-2.0	0.5	1.6	FNB	74S241	74S241	OPCD B6	
1F03-19	.	TI	-2.0	0.5	1.4	FNB	74S241	74S241	OPCD B8	
1F07-03(06)	.	T0	20.0	-1.0	2.0		74S08	74S08	OPCD C2	
			-6.0(0.15)/20.0(-1.0)		8.0					

CADR PROC FSSOR		CADRWD:CADR4 WLR		29-FEB-80 2100								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
LOC(PIN#)												
DFST	3D02-06(09)	\	IO	20.0	-1.0				74S00	74S000	SOURCE	D7
	3D21-13(16)	.!	IIS	-2.0	0.5	4.5			74S08	74S08	SOURCE	D8
	3B26-14(16)	!	II	-2.0	0.5	6.0	6D		74S174	74S174	ACTL	B4
				-4.0(0.10)/20.0(-1.0)				12.0				
DFSID	3B30-02(05)	\	IIS	-4.0	0.10				74S37	74S37	ACTL	B8
	3B30-05(08)	.!	IIS	-4.0	0.10	.7			74S37	74S37	ACTL	C8
	3B30-09(12)	!	IIS	-4.0	0.10	.8			74S37	74S37	ACTL	C8
	3B27-13(15)	.!	II	-2.0	0.5	2.0	B4		93S46	93S46	ACTL	B6
	3B26-15(17)	!	IO	20.0	-1.0	1.0	6Q		74S174	74S174	ACTL	B4
				-14.0(0.35)/20.0(-1.0)				9.0	OVERLOADED 2			
-DESTIMODO												
-	3F05-04(07)	\	IIS	-2.0	0.5				74S08	74S080	SOURCE	B7
	3D12-09(11)	.!	IO	20.0	-1.0	3.1	6		74S138	74S138	SOURCE	D5
	3D20-01(03)	!	II	-2.0	0.5	2.3	SF1B		25S09	25S09	IRFG	D1
	3C17-01(03)	.!	II	-2.0	0.5	1.6	SF1B		25S09	25S09	IRFG	D2
	3C19-01(03)	!	II	-2.0	0.5	1.4	SF1B		25S09	25S09	IRFG	D3
	3C04-01(03)	.!	II	-2.0	0.5	3.7	SF1B		25S09	25S09	IRFG	D8
	3C03-01(03)	!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	D7
	3C02-01(03)	.!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	D5
	3C01-01(03)	!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	D4
					-16.0(0.40)/20.0(-1.0)				25.3	OVERLOADED 2		
-DESTIMOD1												
-	4D10-04(07)	.	IIS	-2.0	0.5				74S10	74S100	SOURCE	B7
	3D19-01(03)	!	II	-2.0	0.5	6.8	SF1B		25S09	25S09	IRFG	B8
	3D18-01(03)	.!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	B7
	3D17-01(03)	!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	B5
	3D16-01(03)	.!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	B4
	3D12-07(09)	!	IO	20.0	-1.0	1.2	7		74S138	74S138	SOURCE	D5
	3D07-01(03)	.!	II	-2.0	0.5	2.1	SF1B		25S09	25S09	IRFG	B3
	3D06-01(03)	!	II	-2.0	0.5	.9	SF1B		25S09	25S09	IRFG	B2
					-14.0(0.35)/20.0(-1.0)				22.7	OVERLOADED 2		
-DESTINICL												
-	3F08-17	.	II	-0.36	0.2		-CLK F	25LS2519		25LS2519	FLAG	D2
	3D11-13(15)	!	IO	20.0	-1.0	2.6	2		74S138	74S138	SOURCE	D3
				-0.36(0.2)/20.0(-1.0)								
-DESTIIC												
-	3F11-05(08)	\	IIS	-2.0	0.5				74S00	74S000	LCC	A1
	3D11-14(16)	.!	IO	20.0	-1.0	2.9	1		74S138	74S138	SOURCE	D3
	2C05-09(11)	!	II	-2.0	0.5	11.6	-LOAD		74S169	74S169	LC	B7
	2B03-09(11)	.!	II	-2.0	0.5	2.1	-LOAD		74S169	74S169	LC	B1
	1A26-09(11)	!	II	-2.0	0.5	3.6	-LOAD		74S169	74S169	LC	B2
	1B28-09(11)	.!	II	-2.0	0.5	2.1	-LOAD		74S169	74S169	LC	B3
	1C30-09(11)	!	II	-2.0	0.5	2.1	-LOAD		74S169	74S169	LC	B4
	1C27-01(03)	.!	II	-2.0	0.5	1.8	SF1B		25S09	25S09	LCC	D8
	1D29-09(11)	!	II	-2.0	0.5	2.6	-LOAD		74S169	74S169	LC	B6
					-16.0(0.40)/20.0(-1.0)				39.3	OVERLOADED 2		
DISIM												
-	3D02-10(13)	\	IIS	-2.0	0.5				74S00	74S00	SOURCE	C8
	3D12-06(08)	.!	II	-2.0	0.5	2.7	G1		74S138	74S138	SOURCE	D5
	3D11-06(08)	!	II	-2.0	0.5	.9	G1		74S138	74S138	SOURCE	D3
	3D21-11(14)	.!	IO	20.0	-1.0	2.6			74S08	74S08	SOURCE	D8
	3B26-13(15)	!	II	-2.0	0.5	5.9	5D		74S174	74S174	ACTL	B4
	3B28-01(03)	.!	II	-2.0	0.5	1.8	SF1B		25S09	25S09	ACTL	B2
	3B29-01(03)	!	II	-2.0	0.5	.9	SF1B		25S09	25S09	ACTL	B1
				-12.0(0.30)/20.0(-1.0)				22.3				
DFSIMD												
-	3B26-12(14)	.	IO	20.0	-1.0		5Q		74S174	74S174	ACTL	B4
	4B18-15(17)	!	II	-2.0	0.5	6.1	B5		93S46	93S46	MCTL	B1
	4B22-01(04)	.!	IIS	-4.0	0.10	1.6			74S37	74S37	MCTL	A6
	4B22-04(07)	!	IIS	-4.0	0.10	.7			74S37	74S37	MCTL	A6
				-10.0(0.25)/20.0(-1.0)				11.4				

CADR PROCESSOR		CADRWD;CADR4 WIR			29-FEB-80 2101							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
DFSTMDR	1D18-10(13)	.	IO	20.0	-1.0				74S04	74S04	MD	D1
	1D16-02(05)	!	IIS	-2.0	0.5	1.2			74S51	74S51	MD	D2
				-2.0(0.5)/20.0(-1.0)								
-DFSTMDR												
	3F09-06(09)	\	IO	20.0	-1.0			OUT	74S32	74S320	SOURCE	C7
	1D27-05(08)	.!	II	-2.0	0.5	12.7			74S02	74S020	VCII2	D2
	1D27-02(05)	!	II	-2.0	0.5	.7			74S02	74S020	VCII2	C2
	1D18-11(14)	.!	II	-2.0	0.5	2.5			74S04	74S04	MD	D1
	1F07-09(12)	!	IIS	-2.0	0.5	4.2			74S08	74S08	MD	C1
				-8.0(0.20)/20.0(-1.0)			24.6					
DFSIMM	3F16-03(06)	.	IIS	-2.0	0.5				74S64	74S64	VCII1	D8
	1D26-12(15)	!	IO	20.0	-1.0	15.6			74S04	74S04A	VCII2	A7
				-2.0(0.5)/20.0(-1.0)								
-DFSIMM												
	1D26-13(16)	\	II	-2.0	0.5				74S04	74S04A	VCII2	A7
	3D04-15(17)	.!	II	-2.0	0.5	11.4	2G		74S139	74S139	VCII2	C7
	3D02-08(11)	!	IO	20.0	-1.0	1.6			74S00	74S00	SOURCE	C8
	3F09-04(07)	.!	II	-2.0	0.5	2.1	IN		74S32	74S320	SOURCE	C7
	3F09-10(13)	!	II	-2.0	0.5	.8	IN		74S32	74S320	SOURCE	C7
				-8.0(0.20)/20.0(-1.0)			20.4					
-DFSTPDI (P)												
	4D06-05(08)	\	IIS	-2.0	0.5				74S08	74S080	PDICTI	D7
	4D10-13(16)	.!	IIS	-2.0	0.5	2.2			74S10	74S100	PDICTI	D1
	3D12-14(16)	!	IO	20.0	-1.0	7.6	1		74S138	74S138	SOURCE	D5
				-4.0(0.10)/20.0(-1.0)			11.3					
-DFSTPDI (X)												
	4C11-05(07)	\	II	-2.0	0.5		2D		74S175	74S175	PDICTI	D4
	4D10-02(05)	.!	IIS	-2.0	0.5	1.9			74S10	74S100	PDICTI	D1
	3D12-13(15)	!	IO	20.0	-1.0	7.6	2		74S138	74S138	SOURCE	D5
				-4.0(0.10)/20.0(-1.0)			11.0					
-DFSTPDI P												
	3D12-11(13)	.	IO	20.0	-1.0		4		74S138	74S138	SOURCE	D5
	3D24-09(11)	!	II	-2.0	0.5	3.0	-LOAD		74S169	74S169	PDIPTI	C6
	3C21-09(11)	.!	II	-2.0	0.5	1.6	-LOAD		74S169	74S169	PDIPTI	C8
	3D30-09(11)	!	II	-2.0	0.5	1.8	-LOAD		74S169	74S169	PDIPTI	C5
				-6.0(0.15)/20.0(-1.0)			9.4					
-DFSTPDI TOP												
	4D10-01(04)	.	IIS	-2.0	0.5				74S10	74S100	PDICTI	D1
	3D12-15(17)	!	IO	20.0	-1.0	7.7	0		74S138	74S138	SOURCE	D5
				-2.0(0.5)/20.0(-1.0)								
-DFSTPDI X												
	3D12-12(14)	\	IO	20.0	-1.0		3		74S138	74S138	SOURCE	D5
	3D25-01(03)	.!	II	-2.0	0.5	3.0	-ENB		25S07	25S07	PDIPTI	D8
	3C22-01(03)	.!	II	-2.0	0.5	1.6	-ENB		25S07	25S07	PDIPTI	D6
				-4.0(0.10)/20.0(-1.0)			6.1					
DFSTSPC	3F26-10(13)	.	IIS	-2.0	0.5				74S64	74S64	CONTRI	C6
	3F22-02(05)	!	IO	20.0	-1.0	2.1			74S04	74S04	CONTRI	B1
				-2.0(0.5)/20.0(-1.0)								
-DFSTSPC												
	4C11-13(15)	\	II	-2.0	0.5		4D		74S175	74S175	PDICTI	D4
	3F22-01(04)	.!	II	-2.0	0.5	8.1			74S04	74S04	CONTRI	B1
	3D12-10(12)	!	IO	20.0	-1.0	3.4	5		74S138	74S138	SOURCE	D5
				-4.0(0.10)/20.0(-1.0)			13.0					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2101						
SIGNAL NAME	Z	TYPE	LOW	HI	INCHFS	USE	DIP1YPR	BODY	FILE	POS
LOC(PIN#)										
DFSTSPCD										
3F15-08	\	II	-0.20	0.2		IN4	74LS244	74LS244	SPY2	B7
4F15-01(03)	.I	II	-4.0	0.10	8.0	SFL	74S157	74S157	SPCW	C1
4F11-01(03)	.I	II	-4.0	0.10	1.1	SFL	74S157	74S157	SPCW	C3
4F12-01(03)	.I	II	-4.0	0.10	.9	SFL	74S157	74S157	SPCW	C4
4F13-01(03)	.I	II	-4.0	0.10	.9	SFL	74S157	74S157	SPCW	C6
4E14-01(03)	.I	II	-4.0	0.10	.9	SFL	74S157	74S157	SPCW	C8
4E30-03(06)	I	IO	60.0	-3.0	4.1		74S37	74S37	CONTRL	A7
			-20.20(0.52)/60.0(-3.0)		23.4					
-DFSTSPCD										
4E30-02(05)	\	IIS	(-4.0)	0.10			74S37	74S37	CONTRL	A7
4F30-01(04)	.I	IIS	-4.0	0.10	BARF		74S37	74S37	CONTRL	A7
4C11-15(17)	I	IO	20.0	-1.0	5.0	40	74S175	74S175	PDI CTL	D4
			-4.0(0.20)/20.0(-1.0)		6.6					
-DESTVMA										
3F09-08(11)	.	IO	20.0	-1.0		OUT	74S32	74S320	SOURCE	C7
1D28-01(04)	I	IIS	-2.0	0.5	13.3		74S08	74S080	VCTI 2	B2
			-2.0(0.5)/20.0(-1.0)							
-DFAI I										
3F30-02(05)	.	IIS	-2.0	0.5			74S64	74S64	CONTRL	D4
3E23-03(06)	I	IO	20.0	-1.0	2.4		74S00	74S00	CONTRL	B1
			-2.0(0.5)/20.0(-1.0)							
DISPENN										
3D02-02(05)	\	IIS	-2.0	0.5			74S00	74S00	DSPCTL	A5
3F25-03(06)	.I	IIS	-2.0	0.5	5.1		74S64	74S64	CONTRL	D6
3F24-03(06)	.I	IO	20.0	-1.0	.9		74S08	74S08	CONTRL	B1
3F28-13(16)	.I	IIS	-2.0	0.5	1.7		74S64	74S64	CONTRL	C4
3F27-13(16)	.I	IIS	-2.0	0.5	.9		74S64	74S64	CONTRL	D3
3F26-06(09)	.I	IIS	-2.0	0.5	.9		74S64	74S64	CONTRL	C6
3F30-03(06)	I	IIS	-2.0	0.5	1.2		74S64	74S64	CONTRL	D4
			-12.0(0.30)/20.0(-1.0)		18.2					
DISPWR										
3F14-04(07)	.	IO	20.0	-1.0			74S02	74S020	DSPCTL	B4
2F03-09(12)	.I	IIS	-4.0	0.10	10.8		74S37	74S37	DRAM2	B3
2F03-05(08)	.I	IIS	-4.0	0.10	.8		74S37	74S37	DRAM1	D1
2F03-02(05)	I	IIS	-4.0	0.10	.7		74S37	74S37	DRAM0	D1
			-12.0(0.30)/20.0(-1.0)		15.3					
-DIV										
3D04-05(07)	\	IO	20.0	-1.0		1Y1	74S139	74S139	SOURCE	D1
2C10-09(12)	.I	II	-2.0	0.5	7.8		74S02	74S020	AI UC4	A4
2C10-12(15)	I	II	-2.0	0.5	.7		74S02	74S020	AI UC4	A8
			-4.0(0.10)/20.0(-1.0)		10.0					
DIVADDCOND										
2C15-12(15)	\	IIS	-2.0	0.5			74S00	74S00	AI UC4	B7
2C15-01(04)	.I	IIS	-2.0	0.5	.8		74S00	74S00	AI UC4	A7
2C10-13(16)	I	IO	20.0	-1.0	1.5		74S02	74S020	AI UC4	A8
			-4.0(0.10)/20.0(-1.0)		3.8					
-DIVPOSTASTIME										
2C10-08(11)	\	II	-2.0	0.5			74S02	74S020	AI UC4	A4
2C10-04(07)	.I	IO	20.0	-1.0	.9		74S02	74S02	AI UC4	A4
2C10-03(06)	I	II	-2.0	0.5	BARF		74S02	74S02	AI UC4	A7
			-4.0(0.10)/20.0(-1.0)		2.5					
DIVSUBCOND										
2C15-09(12)	\	IIS	-2.0	0.5			74S00	74S00	AI UC4	B7
2C15-04(07)	.I	IIS	-2.0	0.5	.8		74S00	74S00	AI UC4	A7
2C10-10(13)	I	IO	20.0	-1.0	1.5		74S02	74S020	AI UC4	A4
			-4.0(0.10)/20.0(-1.0)		3.8					

CADR PROCESSOR	CADRWD;CADR4 WLR	29-FEB-80	2101								
SIGNAL NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPI	BODY	FILE	POS	
IOC(PIN#)											
-DMAPBFB											
3F14-01(04)	.	IO	20.0	-1.0			74S02	74S02	DSPCLL	A5	
2F24-06(09)	!	IIS	-2.0	0.5	5.8		74S64	74S64	DRAM0	D1	
2F05-06(09)	!	IIS	-2.0	0.5	4.9		74S64	74S64	DRAM1	D1	
2F01-06(09)	!	IIS	-2.0	0.5	2.4		74S64	74S64	DRAM2	D1	
			-6.0(0.15)/20.0(-1.0)			16.1					
DMASK0 2F24-05(08)	.	IIS	-2.0	0.5			74S64	74S64	DRAM0	D1	
2F22-01(03)	!	IOI	16.0	-2.40	1.6	B0	5610	5610	DSPCTI	D1	
2F01-05(08)	!	IIS	-2.0	0.5	4.4		74S64	74S64	DRAM2	D1	
2F05-05(08)	!	IIS	-2.0	0.5	2.4		74S64	74S64	DRAM1	D1	
			-6.0(0.15)/16.0(-2.40)			11.4					
DMASK1 3F10-13(16)	.	IIS	-2.0	0.5			74S51	74S51	DRAM0	B3	
2F22-02(04)	!	IOI	16.0	-2.40	5.5	B1	5610	5610	DSPCTI	D1	
2F20-13(16)	!	IIS	-2.0	0.5	2.0		74S51	74S51	DRAM1	B3	
1F30-13(16)	!	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	B3	
			-6.0(0.15)/16.0(-2.40)			16.8					
DMASK2 3F05-13(16)	.	IIS	-2.0	0.5			74S51	74S51	DRAM0	A3	
2F22-03(05)	!	IOI	16.0	-2.40	4.3	B2	5610	5610	DSPCTI	D1	
2F15-13(16)	!	IIS	-2.0	0.5	3.0		74S51	74S51	DRAM1	A3	
1F25-13(16)	!	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	A3	
			-6.0(0.15)/16.0(-2.40)			16.6					
DMASK3 1F20-13(16)	.	IIS	-2.0	0.5			74S51	74S51	DRAM2	A3	
2F10-13(16)	!	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM1	A3	
2F22-04(06)	!	IOI	16.0	-2.40	4.1	B3	5610	5610	DSPCTI	D1	
2F30-13(16)	!	IIS	-2.0	0.5	2.0		74S51	74S51	DRAM0	A3	
			-6.0(0.15)/16.0(-2.40)			15.4					
DMASK4 3F10-04(07)	.	IIS	-2.0	0.5			74S51	74S51	DRAM0	B2	
2F22-05(07)	!	IOI	16.0	-2.40	5.5	B4	5610	5610	DSPCTI	D1	
2F20-04(07)	!	IIS	-2.0	0.5	2.3		74S51	74S51	DRAM1	B2	
1F30-04(07)	!	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	B2	
			-6.0(0.15)/16.0(-2.40)			17.1					
DMASK5 3F05-04(07)	.	IIS	-2.0	0.5			74S51	74S51	DRAM0	A2	
2F22-06(08)	!	IOI	16.0	-2.40	4.3	B5	5610	5610	DSPCTI	D1	
2F15-04(07)	!	IIS	-2.0	0.5	3.2		74S51	74S51	DRAM1	A2	
1F25-04(07)	!	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM2	A2	
			-6.0(0.15)/16.0(-2.40)			16.8					
DMASK6 1F20-04(07)	.	IIS	-2.0	0.5			74S51	74S51	DRAM2	A2	
2F10-04(07)	!	IIS	-2.0	0.5	6.3		74S51	74S51	DRAM1	A2	
2F22-07(09)	!	IOI	16.0	-2.40	4.3	B6	5610	5610	DSPCTI	D1	
2F30-04(07)	!	IIS	-2.0	0.5	2.2		74S51	74S51	DRAM0	A2	
			-6.0(0.15)/16.0(-2.40)			15.8					
DN 4F09-10(13)	.	II	-2.0	0.5		IN	74S280	74S280	DSPCTI	B1	
3F25-02(05)	!	IIS	-2.0	0.5	6.6		74S64	74S64	CONTRI	D6	
1F24-07(09)	!	IOI	16.0	-0.80	16.8	D0	93425A	93425A	DRAM2	B6	
1F23-07(09)	!	IOI	16.0	-0.80	.9	D0	93425A	93425A	DRAM2	D6	
			-4.0(0.10)/16.0(-0.80)			27.3					
DP 4F09-11(14)	.	II	-2.0	0.5		IN	74S280	74S280	DSPCTI	B1	
3F26-05(08)	!	IIS	-2.0	0.5	4.3		74S64	74S64	CONTRI	C6	
3F23-02(05)	!	IIS	-2.0	0.5	2.2		74S00	74S00	CONTRI	B1	
3F20-11(14)	!	II	-2.0	0.5	2.6		74S04	74S04A	CONTRI	A1	
1F22-07(09)	!	IOI	16.0	-0.80	15.6	D0	93425A	93425A	DRAM2	B6	
1F21-07(09)	!	IOI	16.0	-0.80	.9	D0	93425A	93425A	DRAM2	D6	
			-8.0(0.20)/16.0(-0.80)			31.6					

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FFB-80		2101						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPI	TYPE	BODY	FILE	POS
	LOC(PIN#)											
-DP	3F20-10(13)	\	TO	20.0	-1.0					74S04	74S04A	CONTRL A1
	3F27-11(14)	.1	IIS	-2.0	0.5	2.9				74S64	74S64	CONTRL D3
	3F28-11(14)	!	IIS	-2.0	0.5	.9				74S64	74S64	CONTRL C4
				-4.0(0.10)/20.0(-1.0)			5.3					
DPAR	4F09-13(16)	\	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B1
	1F17-07(09)	.1	IOI	16.0	-0.80	22.4	DO			93425A	93425A	DRAM2 B4
	1F16-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM2 D4
				-2.0(0.5)/16.0(-0.80)			24.8					
DPAREVEN	3F19-08(11)	.	TO	20.0	-1.0					74S86	74S86	DSPCTL A4
	3D02-01(04)	!	IIS	-2.0	0.5	4.8				74S00	74S00	DSPCTL A5
				-2.0(0.5)/20.0(-1.0)								
-DPARH	4F09-05(08)	.	TO	20.0	-1.0		EVFN			74S280	74S280	DSPCTL B1
	3F19-09(12)	!	TI	-2.0	0.5	6.7				74S86	74S86	DSPCTL A4
				-2.0(0.5)/20.0(-1.0)								
DPARI	4F10-06(09)	.	TO	20.0	-1.0		ODD			74S280	74S280	DSPCTL B3
	3F19-10(13)	!	TI	-2.0	0.5	6.7				74S86	74S86	DSPCTL A4
				-2.0(0.5)/20.0(-1.0)								
DPAROK	3DJ1-20	.					CON				CPINS	D3
	3D02-03(06)	!	TO	20.0	-1.0	1.8				74S00	74S00	DSPCTL A5
				0.0/20.0								
DPC0	4F10-01(04)	.	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B3
	4F02-12(14)	.1	TI	-2.0	0.5	1.7	D2			74S153	74S153	NPC C7
	3F09-07(09)	.1	IOI	16.0	-0.80	7.4	DO			93425A	93425A	DRAM0 B8
	3F08-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM0 D8
				-4.0(0.10)/16.0(-0.80)			13.0					
DPC1	4F10-02(05)	.	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B3
	4F02-04(06)	.1	TI	-2.0	0.5	2.0	D2			74S153	74S153	NPC C7
	3F07-07(09)	.1	IOI	16.0	-0.80	7.7	DO			93425A	93425A	DRAM0 B7
	3F06-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM0 D7
				-4.0(0.10)/16.0(-0.80)			13.6					
DPC10	4F09-02(05)	.	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B1
	4F02-12(14)	.1	TI	-2.0	0.5	2.0	D2			74S153	74S153	NPC C2
	2F08-07(09)	.1	IOI	16.0	-0.80	15.6	DO			93425A	93425A	DRAM1 D5
	2F09-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM1 B5
				-4.0(0.10)/16.0(-0.80)			21.5					
DPC11	4F09-04(07)	.	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B1
	4F02-04(06)	.1	TI	-2.0	0.5	2.0	D2			74S153	74S153	NPC C2
	2F07-07(09)	.1	IOI	16.0	-0.80	15.5	DO			93425A	93425A	DRAM1 B4
	2F06-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM1 D4
				-4.0(0.10)/16.0(-0.80)			21.4					
DPC12	4F09-08(11)	.	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B1
	4F01-12(14)	.1	TI	-2.0	0.5	2.5	D2			74S153	74S153	NPC C1
	1F28-07(09)	.1	IOI	16.0	-0.80	19.3	DO			93425A	93425A	DRAM2 D8
	1F29-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM2 B8
				-4.0(0.10)/16.0(-0.80)			25.7					
DPC13	4F09-09(12)	.	TI	-2.0	0.5		IN			74S280	74S280	DSPCTL B1
	4F01-04(06)	.1	TI	-2.0	0.5	2.3	D2			74S153	74S153	NPC C1
	1F27-07(09)	.1	IOI	16.0	-0.80	19.2	DO			93425A	93425A	DRAM2 B7
	1F26-07(09)	!	IOI	16.0	-0.80	.9	DO			93425A	93425A	DRAM2 D7
				-4.0(0.10)/16.0(-0.80)			25.4					

CADR PROCESSOR		CADRWD:CADR4 WLR		29+FB-80		2102					
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHFS	USE	DIPTYPE	BODY	FILE	POS
DPC2	4F10-04(07)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F01-12(14)	1.	TI	-2.0	0.5	1.6	D2	74S153	74S153	NPC	C6
	3F04-07(09)	.1	IOI	16.0	-0.80	8.4	DO	93425A	93425A	DRAM0	B6
	3F03-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM0	D6
				-4.0(0.10)/16.0(-0.80) 13.9							
DPC3	4F10-08(11)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F01-04(06)	1.	TI	-2.0	0.5	2.3	D2	74S153	74S153	NPC	C6
	3F02-07(09)	.1	IOI	16.0	-0.80	8.8	DO	93425A	93425A	DRAM0	B6
	3F01-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM0	D6
				-4.0(0.10)/16.0(-0.80) 15.0							
DPC4	4F10-09(12)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F05-12(14)	1.	TI	-2.0	0.5	1.7	D2	74S153	74S153	NPC	C5
	2F29-07(09)	.1	IOI	16.0	-0.80	11.2	DO	93425A	93425A	DRAM0	B5
	2F28-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM0	D5
				-4.0(0.10)/16.0(-0.80) 16.8							
DPC5	4F10-10(13)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F05-04(06)	1.	TI	-2.0	0.5	1.8	D2	74S153	74S153	NPC	C5
	2F27-07(09)	.1	IOI	16.0	-0.80	11.2	DO	93425A	93425A	DRAM0	B4
	2F26-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM0	D4
				-4.0(0.10)/16.0(-0.80) 16.9							
DPC6	4F10-11(14)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F04-12(14)	1.	TI	-2.0	0.5	1.7	D2	74S153	74S153	NPC	C4
	2F19-07(09)	.1	IOI	16.0	-0.80	13.4	DO	93425A	93425A	DRAM1	B8
	2F18-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM1	D8
				-4.0(0.10)/16.0(-0.80) 19.0							
DPC7	4F10-12(15)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F04-04(06)	1.	TI	-2.0	0.5	1.6	D2	74S153	74S153	NPC	C4
	2F17-07(09)	.1	IOI	16.0	-0.80	13.3	DO	93425A	93425A	DRAM1	B7
	2F16-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM1	D7
				-4.0(0.10)/16.0(-0.80) 18.8							
DPC8	4F10-13(16)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B3
	4F03-12(14)	1.	TI	-2.0	0.5	1.8	D2	74S153	74S153	NPC	C3
	2F14-07(09)	.1	IOI	16.0	-0.80	14.5	DO	93425A	93425A	DRAM1	B6
	2F13-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM1	D6
				-4.0(0.10)/16.0(-0.80) 20.2							
DPC9	4F09-01(04)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B1
	4F03-04(06)	1.	TI	-2.0	0.5	1.5	D2	74S153	74S153	NPC	C3
	2F12-07(09)	.1	IOI	16.0	-0.80	14.4	DO	93425A	93425A	DRAM1	B6
	2F11-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM1	D6
				-4.0(0.10)/16.0(-0.80) 19.8							
DR	4F09-12(15)	.	TI	-2.0	0.5		IN	74S280	74S280	DSPCTL	B1
	3F27-12(15)	1.	IIS	-2.0	0.5	4.5		74S64	74S64	CONTRL	D3
	3F28-12(15)	.1	IIS	-2.0	0.5	.9		74S64	74S64	CONTRL	C4
	3F23-01(04)	1.	IIS	-2.0	0.5	1.8		74S00	74S00	CONTRL	B1
	3F18-02(05)	.1	II	-2.0	0.5	1.4	IN	74S32	74S320	CONTRL	B1
	3F20-13(16)	1.	II	-2.0	0.5	2.4		74S04	74S04A	CONTRL	A1
	1F19-07(09)	.1	IOI	16.0	-0.80	16.5	DO	93425A	93425A	DRAM2	B5
1F18-07(09)	1	IOI	16.0	-0.80	.9	DO	93425A	93425A	DRAM2	D5	
				-12.0(0.30)/16.0(-0.80) 37.4							
-DR	3F20-12(15)	.	IO	20.0	-1.0			74S04	74S04A	CONTRL	A1
	3F26-04(07)	1	IIS	-2.0	0.5	3.0		74S64	74S64	CONTRL	C6
				-2.0(0.5)/20.0(-1.0)							

OVERLOADED ?

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

29-FEB-80 2102

SIGNAL NAME	LOC (PIN#)	Z	TYPE	LOW	HI	INCHFS	USF	DIPIYPE	BODY	FILE	POS	
-DWIA	2F03-03(06)	\	IO	60.0	-3.0			74S37	74S37	DRAM0	D1	
	2F29-14(16)	.1	II	-0.40	0.2	5.9	-WF	93425A	93425A	DRAM0	B5	
	2F28-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	D5	
	2F27-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	B4	
	2F26-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	D4	
	3F01-14(16)	.1	II	-0.40	0.2	3.0	-WF	93425A	93425A	DRAM0	D6	
	3F02-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	B6	
	3F03-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	D6	
	3F04-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	B6	
	3F09-14(16)	.1	II	-0.40	0.2	1.5	-WF	93425A	93425A	DRAM0	B8	
	3F08-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	D8	
	3F07-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	B7	
	3F06-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM0	D7	
					-4.80(0.24)/60.0(-3.0)			35.0				
	-DWIB	2F16-14(16)	\	II	-0.40	0.2		-WF	93425A	93425A	DRAM1	D7
		2F17-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	B7
		2F18-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	D8
2F19-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	B8	
2F14-14(16)		.1	II	-0.40	0.2	1.5	-WF	93425A	93425A	DRAM1	B6	
2F13-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	D6	
2F12-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	B6	
2F11-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	D6	
2F06-14(16)		.1	II	-0.40	0.2	1.5	-WF	93425A	93425A	DRAM1	D4	
2F07-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	B4	
2F08-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	D5	
2F09-14(16)		.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM1	B5	
2F03-06(09)		.1	IO	60.0	-3.0	1.2		74S37	74S37	DRAM1	D1	
					-4.80(0.24)/60.0(-3.0)			28.8				
-DWIC		2F03-08(11)	\	IO	60.0	-3.0			74S37	74S37	DRAM2	B3
		1F29-14(16)	.1	II	-0.40	0.2	3.6	-WF	93425A	93425A	DRAM2	B8
		1F28-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	D8
	1F27-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	B7	
	1F26-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	D7	
	1F21-14(16)	.1	II	-0.40	0.2	1.5	-WF	93425A	93425A	DRAM2	D6	
	1F22-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	B6	
	1F23-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	D6	
	1F24-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	B6	
	1F19-14(16)	.1	II	-0.40	0.2	1.5	-WF	93425A	93425A	DRAM2	B5	
	1F18-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	D5	
	1F17-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	B4	
	1F16-14(16)	.1	II	-0.40	0.2	.9	-WF	93425A	93425A	DRAM2	D4	
					-4.80(0.24)/60.0(-3.0)			31.2				
	-FUNC10	3D05-12(14)		IO	20.0	-1.0		2Y0	74S139	74S139	SOURCE C1	ONE PIN RUN 0
											UNUSED EXTRA OUTPUT 0	
	-FUNC11	3CJ1-19						CON		CPINS	B3	
	3D05-11(13)	.1	IO	20.0	-1.0	2.2	2Y1	74S139	74S139	SOURCE C1		
				0.0/20.0								
-FUNC12	3F14-06(09)	\	II	-2.0	0.5			74S02	74S020	DSPCTL	B4	
	3F24-02(05)	.1	HS	-2.0	0.5	3.7		74S08	74S08	CONTRL	B1	
	3D05-10(12)	.1	IO	20.0	-1.0	5.4	2Y2	74S139	74S139	SOURCE C1		
				-4.0(0.10)/20.0(-1.0)			10.6					
-FUNC13	3D05-09(11)		IO	20.0	-1.0		2Y3	74S139	74S139	SOURCE C1	ONE PIN RUN 0	
										UNUSED EXTRA OUTPUT 0		

CADR PROC FSSOR		CADRWD; CADR4 WLR			29-FFB-80 2102						
SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPI	TYPE BODY	FILE	POS
-HANG	4DJ1-18 3F17-12(15)	.	TO	20.0	-1.0	6.9	CON		CPINS	D8	D8
				0.0/20.0				74S10	74S10	VC11 1	
HAVE WRONG WORD											
	3F11-10(13)	\	IIS	-2.0	0.5			74S00	74S00	ICC	A1
	3F11-06(09)	.1	TO	20.0	-1.0	.8		74S00	74S000	ICC	A1
	3F09-12(15)	1	II	-2.0	0.5	2.3	IN	74S32	74S32	ICC	B2
				-4.0(0.10)/20.0(-1.0)			4.6				
HI1	1F05-01(03)	\	IIS	-2.0	0.5			74S133	74S133	CLOCKD	D3
	4F16-01	.1	II	-2.0	0.5	28.1	-FNB	74S241	74S241	SPC1 CH	D1
	4F21-05(07)	1.	II	-1.60	0.2	2.1	CF	82S21	82S21	SPC	B3
	4F21-06(08)	.1	II	-1.60	0.2	BARE	-IATCH	82S21	82S21	SPC	B3
	4F22-06(08)	1.	II	-1.60	0.2	.9	-IATCH	82S21	82S21	SPC	B4
	4F22-05(07)	.1	II	-1.60	0.2	BARE	CF	82S21	82S21	SPC	B4
	4F23-05(07)	1.	II	-1.60	0.2	.9	CF	82S21	82S21	SPC	B5
	4F23-06(08)	.1	II	-1.60	0.2	BARE	-IATCH	82S21	82S21	SPC	B5
	4F24-07	1.	TOP		-2.50	1.0		RES20	RES20	SPC	D7
	4F28-06(08)	.1	II	-1.60	0.2	1.7	-IATCH	82S21	82S21	SPC	D5
	4F28-05(07)	1.	II	-1.60	0.2	BARE	CF	82S21	82S21	SPC	D5
	4F27-05(07)	.1	II	-1.60	0.2	.9	CF	82S21	82S21	SPC	D4
	4F27-06(08)	1.	II	-1.60	0.2	BARE	-IATCH	82S21	82S21	SPC	D4
	4F26-06(08)	.1	II	-1.60	0.2	.9	-IATCH	82S21	82S21	SPC	D3
	4F26-05(07)	1.	II	-1.60	0.2	BARE	CF	82S21	82S21	SPC	D3
	4F30-05(07)	.1	II	-1.60	0.2	1.1	CF	82S21	82S21	SPC	D2
	4F30-06(08)	1.	II	-1.60	0.2	BARE	-IATCH	82S21	82S21	SPC	D2
	4F29-06(08)	.1	II	-1.60	0.2	.9	-IATCH	82S21	82S21	SPC	D1
	4F29-05(07)	1.	II	-1.60	0.2	BARE	CF	82S21	82S21	SPC	D1
	4F28-09(11)	.1	II	-2.0	0.5	1.3	-I OAD	74S169	74S169	SPC	B8
	4F23-09(11)	1.	II	-2.0	0.5	1.5	-I OAD	74S169	74S169	SPC	B6
	4F24-06(08)	.1	II	-1.60	0.2	1.3	-IATCH	82S21	82S21	SPC	B1
	4F24-05(07)	1.	II	-1.60	0.2	BARE	CF	82S21	82S21	SPC	B1
	4F25-05(07)	.1	II	-1.60	0.2	.9	CF	82S21	82S21	SPC	B2
	4F25-06(08)	1	II	-1.60	0.2	BARE	-IATCH	82S21	82S21	SPC	B2
				(0.60)/(-2.50)		79.0					
HI10	4F29-09	.	IOP		-2.50			RES20	RES20	SPC	D8
	1F05-12(14)	1	IIS	-2.0	0.5	30.8		74S133	74S133	CLOCKD	D3
				(0.5)/(-2.50)							
HI11	4F29-11	.	TOP		-2.50			RES20	RES20	SPC	D8
	1F30-10(13)	1.	IIS	-2.0	0.5	25.3		74S51	74S51	DRAM2	B3
	1F30-03(06)	.1	IIS	-2.0	0.5	.8		74S51	74S51	DRAM2	B2
	1F25-10(13)	1.	IIS	-2.0	0.5	1.4		74S51	74S51	DRAM2	A3
	1F25-03(06)	.1	IIS	-2.0	0.5	.8		74S51	74S51	DRAM2	A2
	1F20-10(13)	1.	IIS	-2.0	0.5	1.4		74S51	74S51	DRAM2	A3
	1F20-03(06)	.1	IIS	-2.0	0.5	.8		74S51	74S51	DRAM2	A2
	1F05-15(17)	1.	IIS	(-2.0)	0.5	4.0		74S133	74S133	CLOCKD	D3
	1F05-13(15)	.1	IIS	-2.0	0.5	.6		74S133	74S133	CLOCKD	D3
	1F25-02(04)	1.	IIS	-1.60	0.5	5.6	IO	9542	9542-1	VC11 1	C1
	1F25-14(16)	.1	IIS	-1.60	0.5	.8	IO	9542	9542-1	VC11 1	D1
	1F25-10(12)	1.	IIS	-1.60	0.5	.8	II	9542	9542-1	VC11 1	D1
	1F25-06(08)	.1	IIS	-1.60	0.5	.8	II	9542	9542-1	VC11 1	C1
	1D21-10(13)	1.	II	-4.0	0.10	.8	-SF12	74S74	74S74	VC11 1	D2
	1D21-04(07)	.1	II	-4.0	0.10	.8	-SE1	74S74	74S74	VC11 1	C2
	1D28-09(12)	1.	IIS	-2.0	0.5	1.9		74S08	74S080	VC11 2	C2
	1D28-05(08)	.1	IIS	-2.0	0.5	.8		74S08	74S080	VC11 2	B2
	1D20-01(03)	1.	II	-2.0	0.5	1.2	U/D	74S169	74S169	IC	B6
	1C30-01(03)	.1	II	-2.0	0.5	3.6	U/D	74S169	74S169	IC	B4
	2C05-01(03)	1.	II	-2.0	0.5	3.0	U/D	74S169	74S169	IC	B7
	2B03-01(03)	.1	II	-2.0	0.5	2.1	U/D	74S169	74S169	IC	B1
	1B28-01(03)	1.	II	-2.0	0.5	3.0	U/D	74S169	74S169	IC	B3
	1A26-01(03)	.1	II	-2.0	0.5	2.1	U/D	74S169	74S169	IC	B2
	1B05-19	1	II	-2.0	0.5	6.1	-FNB	74S240	74S240	MDS	D2
				(1.25)/(-2.50)		101.5					

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

29-FEB-80 2102

	LOC(PIN#)	Z	TYPE	LOW	HIT	INCHES	USF	DIPIYPE	BODY	FILE	POS
HI12	4E29-12	\	TOP		-2.50			RES20	RES20	SPC	D8
	2C20-10(13)	.1	IIS	-2.0	0.5	20.1		74S20	74S200	AIUC4	A8
	2B16-11(13)	.1	II	-2.0	0.5	1.1	D1	74S153	74S153	AIUC4	D4
	2B16-04(06)	.1	II	-2.0	0.5	.8	D2	74S153	74S153	AIUC4	D4
	2B17-12(14)	.1	II	-2.0	0.5	.7	D2	74S153	74S153	AIUC4	D5
	2B17-05(07)	.1	II	-2.0	0.5	.7	D1	74S153	74S153	AIUC4	D5
	2B18-11(13)	.1	II	-2.0	0.5	.7	D1	74S153	74S153	AIUC4	D6
	2B18-05(07)	.1	II	-2.0	0.5	.8	D1	74S153	74S153	AIUC4	D6
	2B18-04(06)	.1	II	-2.0	0.5	BARE	D2	74S153	74S153	AIUC4	D6
	2A04-02(05)	.1	IIS	-2.0	0.5	5.1		74S08	74S08	AIU1	D2
	1B18-09(12)	.1	IIS	-4.0	0.10	6.1		74S37	74S37	CI OCKD	B3
	1B18-05(08)	.1	IIS	-4.0	0.10	.8		74S37	74S37	CI OCKD	B3
	1B18-02(05)	.1	IIS	-4.0	0.10	.7		74S37	74S37	CI OCKD	A3
	1A01-06	.1	II	-0.40	0.5	4.1	IN3	74S240	74S240	VMFMDR	B1
	1F05-14(16)	1	IIS	-2.0	0.5	12.5		74S133	74S133	CI OCKD	D3
				(0.85)/(-2.50)		73.8					
HI12	1F05-02(04)	.	IIS	-2.0	0.5			74S133	74S133	CI OCKD	D3
	4F24-08	.1	TOP		-2.50	29.9		RES20	RES20	SPC	D7
	4C07-09(12)	.1	IIS	-4.0	0.10	5.6		74S37	74S37	CI OCKD	D8
	4C07-02(05)	.1	IIS	-4.0	0.10	.9		74S37	74S37	CI OCKD	C8
	4C07-05(08)	.1	IIS	-4.0	0.10	.7		74S37	74S37	CI OCKD	D8
	4B11-09(12)	.1	IIS	-2.0	0.5	2.7		74S11	74S11	MC1L	B4
	4B18-14(16)	.1	II	-2.0	0.5	1.7	A5	93S46	93S46	MC1L	B1
	4B18-07(09)	.1	II	-2.0	0.5	.9	ENABLE	93S46	93S46	MC1L	B1
	4A22-05(07)	.1	II	-1.60	0.2	2.8	CE	82S21	82S21	MMFM	D3
	4A22-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	D3
	4A23-06(08)	.1	II	-1.60	0.2	.9	-1ATCH	82S21	82S21	MMFM	D4
	4A23-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	D4
	4A24-05(07)	.1	II	-1.60	0.2	.9	CE	82S21	82S21	MMFM	D6
	4A24-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	D6
	4A25-06(08)	.1	II	-1.60	0.2	.9	-1ATCH	82S21	82S21	MMFM	D8
	4A25-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	D8
	4A30-05(07)	.1	II	-1.60	0.2	1.5	CE	82S21	82S21	MMFM	D7
	4A30-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	D7
	4A29-06(08)	.1	II	-1.60	0.2	.9	-1ATCH	82S21	82S21	MMFM	D5
	4A29-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	D5
	4A28-05(07)	.1	II	-1.60	0.2	.9	CE	82S21	82S21	MMFM	D4
	4A28-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	D4
	4A27-06(08)	.1	II	-1.60	0.2	.9	-1ATCH	82S21	82S21	MMFM	D2
	4A27-05(07)	1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	D2
				(0.82)/(-2.50)		85.9					
HI13	1F05-03(05)	\	IIS	-2.0	0.5			74S133	74S133	CI OCKD	D3
	3B21-07(09)	.1	II	-2.0	0.5	23.5	ENABLE	93S46	93S46	ACTL	B5
	3B27-12(14)	.1	II	-2.0	0.5	1.4	A4	93S46	93S46	ACTL	B6
	3B27-07(09)	.1	II	-2.0	0.5	.8	ENABLE	93S46	93S46	ACTL	B6
	4B24-05(07)	.1	II	-1.60	0.2	7.3	CE	82S21	82S21	MMFM	B4
	4B24-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	B4
	4B25-06(08)	.1	II	-1.60	0.2	.9	-1ATCH	82S21	82S21	MMFM	B6
	4B25-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	B6
	4A21-05(07)	.1	II	-1.60	0.2	1.1	CE	82S21	82S21	MMFM	B8
	4A21-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	B8
	4A26-05(07)	.1	II	-1.60	0.2	1.4	CE	82S21	82S21	MMFM	B7
	4A26-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	B7
	4B30-06(08)	.1	II	-1.60	0.2	1.1	-1ATCH	82S21	82S21	MMFM	B5
	4B30-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	B5
	4B29-05(07)	.1	II	-1.60	0.2	.9	CE	82S21	82S21	MMFM	B4
	4B29-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	B4
	4B28-06(08)	.1	II	-1.60	0.2	.9	-1ATCH	82S21	82S21	MMFM	B2
	4B28-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	B2
	4B27-05(07)	.1	II	-1.60	0.2	.9	CE	82S21	82S21	MMFM	B1
	4B27-06(08)	.1	II	-1.60	0.2	BARE	-1ATCH	82S21	82S21	MMFM	B1
	4B23-06(08)	.1	II	-1.60	0.2	1.7	-1ATCH	82S21	82S21	MMFM	B3
	4B23-05(07)	.1	II	-1.60	0.2	BARE	CE	82S21	82S21	MMFM	B3
	4F24-09	1	TOP		-2.50	8.1		RES20	RES20	SPC	D7
				(0.56)/(-2.50)		82.4					

CADR PROCESSOR

CADRWD;CADR4 WLR

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SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
HI4	1F05-04(06)	.	IIS	-2.0	0.5			74S133	74S133	CLOCKD	D3	
	3F05-03(06)	!	IIS	-2.0	0.5	16.9		74S51	74S51	DRAM0	A2	
	3F05-10(13)	!	IIS	-2.0	0.5	.8		74S51	74S51	DRAM0	A3	
	3F10-03(06)	!	IIS	-2.0	0.5	1.4		74S51	74S51	DRAM0	B2	
	3F10-10(13)	!	IIS	-2.0	0.5	.8		74S51	74S51	DRAM0	B3	
	3F13-19	!	II	-2.0	0.5	1.6	FNB	74S241	74S241	DSPCII	D8	
	3F12-19	!	II	-2.0	0.5	.9	FNB	74S241	74S241	DSPCII	D6	
	3F11-01	!	II	-2.0	0.5	.7	-FNB	74S241	74S241	DSPCII	D4	
	3F11-19	!	II	-2.0	0.5	.8	FNB	74S241	74S241	DSPCII	D4	
	3F16-01(04)	!	IIS	-2.0	0.5	1.8		74S64	74S64	VCII 1	D8	
	3F29-07(09)	!	II	-2.0	0.5	3.5	CIN	74S283	74S283	NPC	D8	
	3F30-09(12)	!	IIS	-2.0	0.5	.6		74S64	74S64	CONTRI	D4	
	3F30-04(07)	!	IIS	-2.0	0.5	.8		74S64	74S64	CONTRI	D4	
	3F30-01(04)	!	IIS	-2.0	0.5	.7		74S64	74S64	CONTRI	D4	
	3F26-09(12)	!	IIS	-2.0	0.5	1.1		74S64	74S64	CONTRI	C6	
	3F27-01(04)	!	IIS	-2.0	0.5	1.4		74S64	74S64	CONTRI	D3	
	3F13-12(14)	!	II	-2.0	0.5	3.5	D7	74S151	74S151	FLAG	D7	
	3F08-18	!	II	-0.36	0.2	1.9	POI	25LS2519		25LS2519	FLAG	D2
	3F08-07	!	II	-0.36	0.2	.9	-OE.W	25LS2519		25LS2519	FLAG	D2
	3F25-09(12)	!	IIS	-2.0	0.5	4.0		74S64	74S64	CONTRI	D6	
3F28-01(04)	!	IIS	-2.0	0.5	1.4		74S64	74S64	CONTRI	C4		
4F24-11	!	IOP		-2.50	8.1		RFS20	RFS20	SPC	D7		
				(0.99)/(-2.50)	83.6							
HI5	1F05-05(07)	\	IIS	-2.0	0.5			74S133	74S133	CLOCKD	D3	
	3B01-01	!	II	-2.0	0.5	18.6	-FNB	74S241	74S241	AATCH	D1	
	3C13-02(05)	!	IIS	-4.0	0.10	3.6		74S37	74S37	CLOCKD	B8	
	3C13-05(08)	!	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	B8	
	3C13-09(12)	!	IIS	-4.0	0.10	.8		74S37	74S37	CLOCKD	B8	
	3C11-05(08)	!	IIS	-4.0	0.10	1.2		74S37	74S37	CLOCKD	A8	
	3C11-02(05)	!	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	A8	
	3C11-09(12)	!	IIS	-4.0	0.10	.9		74S37	74S37	CLOCKD	A8	
	3D22-06(08)	!	II	-2.0	0.5	3.3	G1	74S138	74S138	SOURCE	B3	
	4D01-19	!	II	-2.0	0.5	3.7	FNB	74S241	74S241	IPC	B6	
	4D02-19	!	II	-2.0	0.5	.9	FNB	74S241	74S241	IPC	B8	
	4C02-02(05)	!	IIS	-4.0	0.10	3.5		74S37	74S37	CLOCKD	B8	
	4C02-05(08)	!	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	C8	
	4C02-09(12)	!	IIS	-4.0	0.10	.8		74S37	74S37	CLOCKD	C8	
	4F24-12	!	IOP		-2.50	6.7		RFS20	RFS20	SPC	D7	
				(1.15)/(-2.50)	65.6							
HI6	4F24-13	\	IOP		-2.50			RFS20	RFS20	SPC	D7	
	2F30-10(13)	!	IIS	-2.0	0.5	16.0		74S+1	74S51	DRAM0	A3	
	2F30-03(06)	!	IIS	-2.0	0.5	.8		74S51	74S51	DRAM0	A2	
	2F24-11(14)	!	IIS	-2.0	0.5	1.7		74S64	74S64	DRAM0	D1	
	2F24-12(15)	!	IIS	(-2.0)	0.5	BARE		74S64	74S64	DRAM0	D1	
	2F24-13(16)	!	IIS	(-2.0)	0.5	BARE		74S64	74S64	DRAM0	D1	
	2F23-19	!	II	-2.0	0.5	1.0	FNB	74S241	74S241	DRAM1	D3	
	2F25-19	!	II	-2.0	0.5	1.4	FNB	74S241	74S241	DRAM0	D3	
	2F20-10(13)	!	IIS	-2.0	0.5	.9		74S51	74S51	DRAM1	B3	
	2F20-03(06)	!	IIS	-2.0	0.5	.8		74S51	74S51	DRAM1	B2	
	2F15-10(13)	!	IIS	-2.0	0.5	1.4		74S51	74S51	DRAM1	A3	
	2F15-03(06)	!	IIS	-2.0	0.5	.8		74S51	74S51	DRAM1	A2	
	2F10-10(13)	!	IIS	-2.0	0.5	1.4		74S51	74S51	DRAM1	A3	
	2F10-03(06)	!	IIS	-2.0	0.5	.8		74S51	74S51	DRAM1	A2	
	2F05-11(14)	!	IIS	-2.0	0.5	1.5		74S64	74S64	DRAM1	D1	
	2F05-12(15)	!	IIS	(-2.0)	0.5	BARE		74S64	74S64	DRAM1	D1	
	2F05-13(16)	!	IIS	(-2.0)	0.5	BARE		74S64	74S64	DRAM1	D1	
	2F01-11(14)	!	IIS	-2.0	0.5	2.5		74S64	74S64	DRAM2	D1	
	2F01-12(15)	!	IIS	(-2.0)	0.5	BARE		74S64	74S64	DRAM2	D1	
	2F01-13(16)	!	IIS	(-2.0)	0.5	BARE		74S64	74S64	DRAM2	D1	
1F05-06(08)	!	IIS	-2.0	0.5	8.8		74S133	74S133	CLOCKD	D3		
				(1.0)/(-2.50)	68.9							

CADR PROCESSOR
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SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
H17	4F24-14	\	TOP		-2.50			RES20	RES20	SPC	D7	
	2C28-01(03)	.1	II	-2.0	0.5	17.1	-CLR	74S194	74S194	Q	D6	
	2C27-01(03)	.1	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	D8	
	2C22-01(03)	.1	II	-2.0	0.5	1.5	-CLR	74S194	74S194	Q	D3	
	2C23-01(03)	.1	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	D1	
	2C13-01(03)	.1	II	-2.0	0.5	2.6	-CLR	74S194	74S194	Q	B6	
	2C12-01(03)	.1	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	B8	
	2C07-01(03)	.1	II	-2.0	0.5	1.5	-CLR	74S194	74S194	Q	B3	
	2C08-01(03)	.1	II	-2.0	0.5	.9	-CLR	74S194	74S194	Q	B1	
	2C03-09(12)	.1	IIS	-4.0	0.10	1.0		74S37	74S37	CLOCKD	C3	
	2C03-05(08)	.1	IIS	-4.0	0.10	.8		74S37	74S37	CLOCKD	C3	
	2C03-02(05)	.1	IIS	-4.0	0.10	.7		74S37	74S37	CLOCKD	B3	
	1F05-07(09)	!	IIS	-2.0	0.5	11.2		74S133	74S133	CLOCKD	D3	
					(0.75)/(-2.50)	56.5						
	H18	4E29-07	.	TOP		-2.50			RES20	RES20	SPC	D8
1F05-10(12)		!	IIS	-2.0	0.5	30.4		74S133	74S133	CLOCKD	D3	
				(0.5)/(-2.50)								
H19	4F29-08	.	TOP		-2.50			RES20	RES20	SPC	D8	
	1F05-11(13)	!	IIS	-2.0	0.5	30.6		74S133	74S133	CLOCKD	D3	
				(0.5)/(-2.50)								
I0	3CJ1-01	\					CON		CPINS	A3		
	3C04-13(15)	.1	II	-2.0	0.5	1.8	D3B	25S09	25S09	IREF	D8	
	3C09-01(04)	!	II	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D8	
				-4.0/0.0	4.7							
I1	3CJ1-02	\					CON		CPINS	A3		
	3C04-12(14)	.1	II	-2.0	0.5	1.8	D2B	25S09	25S09	IREF	D8	
	3C09-04(07)	!	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D8	
				-4.0/0.0	4.9							
I10	3C07-09(12)	\	II	-2.0	0.5		IN	74S32	74S32W	IOR	D5	
	3C02-05(07)	.1	II	-2.0	0.5	1.8	D1B	25S09	25S09	IREF	D5	
	3CJ1-11	!					CON		CPINS	B3		
				-4.0/0.0	5.1							
I11	3CJ1-12	\					CON		CPINS	B3		
	3C02-04(06)	.1	II	-2.0	0.5	1.7	D0B	25S09	25S09	IREF	D5	
	3C07-12(15)	!	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D5	
				-4.0/0.0	4.8							
I12	3CJ1-13	\					CON		CPINS	B3		
	3C01-13(15)	.1	II	-2.0	0.5	1.9	D3B	25S09	25S09	IREF	D4	
	3C06-01(04)	!	II	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D4	
				-4.0/0.0	4.8							
I13	3CJ1-14	\					CON		CPINS	B3		
	3C01-12(14)	.1	II	-2.0	0.5	2.0	D2B	25S09	25S09	IREF	D4	
	3C06-04(07)	!	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D4	
				-4.0/0.0	5.1							
I14	3C06-09(12)	\	II	-2.0	0.5		IN	74S32	74S32W	IOR	D4	
	3C01-05(07)	.1	II	-2.0	0.5	1.8	D1B	25S09	25S09	IREF	D4	
	3CJ1-15	!					CON		CPINS	B3		
				-4.0/0.0	5.1							
I15	3CJ1-16	\					CON		CPINS	B3		
	3C01-04(06)	.1	II	-2.0	0.5	1.7	D0B	25S09	25S09	IREF	D4	
	3C06-12(15)	!	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D4	
				-4.0/0.0	4.8							

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	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIP TYPE	BODY	FILE	POS
116	3DJ1-01	N					CON		CPINS	C3	
	3C18-01(04)	.1	II	-2.0	0.5	5.2	IN	74S32	74S32W	IOR	D2
	3C19-13(15)	I	II	-2.0	0.5	.7	D3B	25S09	25S09	IRFG	D3
				-4.0/0.0		7.4					
117	3DJ1-02	N					CON		CPINS	C3	
	3C19-12(14)	.1	II	-2.0	0.5	5.5	D2B	25S09	25S09	IRFG	D3
	3C18-04(07)	I	II	-2.0	0.5	.6	IN	74S32	74S32W	IOR	D2
				-4.0/0.0		7.6					
118	3DJ1-03	N					CON		CPINS	C3	
	3C18-09(12)	.1	II	-2.0	0.5	5.6	IN	74S32	74S32W	IOR	D2
	3C19-05(07)	I	II	-2.0	0.5	1.3	D1B	25S09	25S09	IRFG	D3
				-4.0/0.0		8.4					
119	3DJ1-04	N					CON		CPINS	C3	
	3C18-12(15)	.1	II	-2.0	0.5	5.3	IN	74S32	74S32W	IOR	D2
	3C19-04(06)	I	II	-2.0	0.5	1.2	D0B	25S09	25S09	IRFG	D3
				-4.0/0.0		8.0					
12	3C09-09(12)	N	II	-2.0	0.5		IN	74S32	74S32W	IOR	D8
	3C04-05(07)	.1	II	-2.0	0.5	1.8	D1B	25S09	25S09	IRFG	D8
	3CJ1-03	I					CON		CPINS	A3	
				-4.0/0.0		5.1					
120	3DJ1-05	N					CON		CPINS	C3	
	3C16-01(04)	.1	II	-2.0	0.5	4.9	IN	74S32	74S32W	IOR	D1
	3C17-13(15)	I	II	-2.0	0.5	.7	D3B	25S09	25S09	IRFG	D2
				-4.0/0.0		7.1					
121	3DJ1-06	N					CON		CPINS	C3	
	3C17-12(14)	.1	II	-2.0	0.5	5.3	D2B	25S09	25S09	IRFG	D2
	3C16-04(07)	I	II	-2.0	0.5	.6	IN	74S32	74S32W	IOR	D1
				-4.0/0.0		7.4					
122	3DJ1-07	N					CON		CPINS	C3	
	3C16-09(12)	.1	II	-2.0	0.5	5.4	IN	74S32	74S32W	IOR	D1
	3C17-05(07)	I	II	-2.0	0.5	1.3	D1B	25S09	25S09	IRFG	D2
				-4.0/0.0		8.2					
123	3DJ1-08	N					CON		CPINS	C3	
	3C16-12(15)	.1	II	-2.0	0.5	5.1	IN	74S32	74S32W	IOR	D1
	3C17-04(06)	I	II	-2.0	0.5	1.2	D0B	25S09	25S09	IRFG	D2
				-4.0/0.0		7.8					
124	3DJ1-09	N					CON		CPINS	C3	
	3D15-01(04)	.1	II	-2.0	0.5	3.8	IN	74S32	74S32W	IOR	B8
	3D20-13(15)	I	II	-2.0	0.5	1.8	D3B	25S09	25S09	IRFG	D1
				-4.0/0.0		7.1					
125	3DJ1-10	N					CON		CPINS	C3	
	3D15-04(07)	.1	II	-2.0	0.5	4.1	IN	74S32	74S32W	IOR	B8
	3D20-12(14)	I	II	-2.0	0.5	1.6	D2B	25S09	25S09	IRFG	D1
				-4.0/0.0		7.2					
126	3DJ1-11	N					CON		CPINS	D3	
	3D15-09(12)	.1	II	-2.0	0.5	4.3	IN	74S32	74S32W	IOR	B8
	3D19-13(15)	I	II	-2.0	0.5	1.4	D3B	25S09	25S09	IRFG	B8
				-4.0/0.0		7.2					
127	3DJ1-12	N					CON		CPINS	D3	
	3D15-12(15)	.1	II	-2.0	0.5	4.0	IN	74S32	74S32W	IOR	B8
	3D19-12(14)	I	II	-2.0	0.5	1.7	D2B	25S09	25S09	IRFG	B8
				-4.0/0.0		7.2					

CADR PROCESSOR		CADRWD:CADR4 WLR				29-FEB-80 2103						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USF	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
128	3DJ1-13	\						CON		CPINS	D3	
	3D14-01(04)	.1	II	-2.0	0.5	3.8		IN	74S32	74S32W	IOR	B6
	3D19-05(07)	1	II	-2.0	0.5	1.8		D1B	25S09	25S09	IRFG	B8
				-4.0/0.0		7.1						
129	3DJ1-14	\						CON		CPINS	D3	
	3D14-04(07)	.1	II	-2.0	0.5	4.1		IN	74S32	74S32W	IOR	B6
	3D19-04(06)	1	II	-2.0	0.5	1.4		D0B	25S09	25S09	IRFG	B8
				-4.0/0.0		7.0						
13	3C09-12(15)	\	II	-2.0	0.5			IN	74S32	74S32W	IOR	D8
	3C04-04(06)	.1	II	-2.0	0.5	1.6		D0B	25S09	25S09	IRFG	D8
	3CJ1-04	1						CON		CPINS	A3	
				-4.0/0.0		4.7						
130	3DJ1-15	\						CON		CPINS	D3	
	3D14-09(12)	.1	II	-2.0	0.5	4.2		IN	74S32	74S32W	IOR	B6
	3D18-13(15)	1	II	-2.0	0.5	1.4		D3B	25S09	25S09	IRFG	B7
				-4.0/0.0		7.1						
131	3DJ1-16	\						CON		CPINS	D3	
	3D14-12(15)	.1	II	-2.0	0.5	4.0		IN	74S32	74S32W	IOR	B6
	3D18-12(14)	1	II	-2.0	0.5	1.7		D2B	25S09	25S09	IRFG	B7
				-4.0/0.0		7.2						
132	3FJ1-01	\						CON		CPINS	A4	
	3D13-01(04)	.1	II	-2.0	0.5	4.2		IN	74S32	74S32W	IOR	B5
	3D18-05(07)	1	II	-2.0	0.5	1.8		D1B	25S09	25S09	IRFG	B7
				-4.0/0.0		7.5						
133	3FJ1-02	\						CON		CPINS	A4	
	3D13-04(07)	.1	II	-2.0	0.5	4.5		IN	74S32	74S32W	IOR	B5
	3D18-04(06)	1	II	-2.0	0.5	1.4		D0B	25S09	25S09	IRFG	B7
				-4.0/0.0		7.4						
134	3FJ1-03	\						CON		CPINS	A4	
	3D13-09(12)	.1	II	-2.0	0.5	4.6		IN	74S32	74S32W	IOR	B5
	3D17-13(15)	1	II	-2.0	0.5	1.4		D3B	25S09	25S09	IRFG	B5
				-4.0/0.0		7.5						
135	3FJ1-04	\						CON		CPINS	A4	
	3D13-12(15)	.1	II	-2.0	0.5	4.3		IN	74S32	74S32W	IOR	B5
	3D17-12(14)	1	II	-2.0	0.5	1.7		D2B	25S09	25S09	IRFG	B5
				-4.0/0.0		7.5						
136	3FJ1-05	\						CON		CPINS	A4	
	3D10-01(04)	.1	II	-2.0	0.5	4.4		IN	74S32	74S32W	IOR	B4
	3D17-05(07)	1	II	-2.0	0.5	3.4		D1B	25S09	25S09	IRFG	B5
				-4.0/0.0		9.3						
137	3FJ1-06	\						CON		CPINS	A4	
	3D10-04(07)	.1	II	-2.0	0.5	4.6		IN	74S32	74S32W	IOR	B4
	3D17-04(06)	1	II	-2.0	0.5	3.0		D0B	25S09	25S09	IRFG	B5
				-4.0/0.0		9.1						
138	3FJ1-07	\						CON		CPINS	A4	
	3D10-09(12)	.1	II	-2.0	0.5	4.6		IN	74S32	74S32W	IOR	B4
	3D16-13(15)	1	II	-2.0	0.5	3.2		D3B	25S09	25S09	IRFG	B4
				-4.0/0.0		9.3						
139	3FJ1-08	\						CON		CPINS	A4	
	3D10-12(15)	.1	II	-2.0	0.5	4.5		IN	74S32	74S32W	IOR	B4
	3D16-12(14)	1	II	-2.0	0.5	3.5		D2B	25S09	25S09	IRFG	B4
				-4.0/0.0		9.5						

CADR PROCESSOR		CADRWD;CADR4 WLR				29-FEB-80 2103						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
14	3CJ1-05	\					CON		CPINS	A3		
	3C03-13(15)	.1	II	-2.0	0.5	1.8	D3B	25S09	25S09	IRFG	D7	
	3C08-01(04)	!	II	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D6	
				-4.0/0.0		4.7						
140	3FJ1-09	\					CON		CPINS	A4		
	3D09-01(04)	.1	II	-2.0	0.5	4.3	IN	74S32	74S32W	IOR	B2	
	3D16-05(07)	!	II	-2.0	0.5	3.4	D1B	25S09	25S09	IRFG	B4	
				-4.0/0.0		9.2						
141	3EJ1-10	\					CON		CPINS	A4		
	3D09-04(07)	.1	II	-2.0	0.5	4.5	IN	74S32	74S32W	IOR	B2	
	3D16-04(06)	!	II	-2.0	0.5	3.0	D0B	25S09	25S09	IRFG	B4	
				-4.0/0.0		9.0						
142	3FJ1-11	\					CON		CPINS	B4		
	3D07-13(15)	.1	II	-2.0	0.5	3.6	D3B	25S09	25S09	IRFG	B3	
	3D09-09(12)	!	II	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B2	
				-4.0/0.0		6.6						
143	3FJ1-12	\					CON		CPINS	B4		
	3D07-12(14)	.1	II	-2.0	0.5	3.7	D2B	25S09	25S09	IRFG	B3	
	3D09-12(15)	!	II	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B2	
				-4.0/0.0		6.7						
144	3FJ1-13	\					CON		CPINS	B4		
	3D07-05(07)	.1	II	-2.0	0.5	4.0	D1B	25S09	25S09	IRFG	B3	
	3D08-01(04)	!	II	-2.0	0.5	1.0	IN	74S32	74S32W	IOR	B1	
				-4.0/0.0		6.5						
145	3EJ1-14	\					CON		CPINS	B4		
	3D07-04(06)	.1	II	-2.0	0.5	4.0	D0B	25S09	25S09	IRFG	B3	
	3D08-04(07)	!	II	-2.0	0.5	1.0	IN	74S32	74S32W	IOR	B1	
				-4.0/0.0		6.5						
146	3FJ1-15	\					CON		CPINS	B4		
	3D06-13(15)	.1	II	-2.0	0.5	3.5	D3B	25S09	25S09	IRFG	B2	
	3D08-09(12)	!	II	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B1	
				-4.0/0.0		6.5						
147	3FJ1-16	\					CON		CPINS	B4		
	3D06-12(14)	.1	II	-2.0	0.5	3.6	D2B	25S09	25S09	IRFG	B2	
	3D08-12(15)	!	II	-2.0	0.5	1.5	IN	74S32	74S32W	IOR	B1	
				-4.0/0.0		6.6						
148	3FJ1-17	.					CON		CPINS	B4		
	3D06-05(07)	!	II	-2.0	0.5	3.9	D1B	25S09	25S09	IRFG	B2	
				-2.0/0.0								
15	3CJ1-06	\					CON		CPINS	A3		
	3C03-12(14)	.1	II	-2.0	0.5	1.9	D2B	25S09	25S09	IRFG	D7	
	3C08-04(07)	!	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D6	
				-4.0/0.0		5.0						
16	3C08-09(12)	\	II	-2.0	0.5		IN	74S32	74S32W	IOR	D6	
	3C03-05(07)	.1	II	-2.0	0.5	1.8	D1B	25S09	25S09	IRFG	D7	
	3CJ1-07	!					CON		CPINS	A3		
				-4.0/0.0		5.1						
17	3CJ1-08	\					CON		CPINS	A3		
	3C03-04(06)	.1	II	-2.0	0.5	1.7	D0B	25S09	25S09	IRFG	D7	
	3C08-12(15)	!	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D6	
				-4.0/0.0		4.8						

CADR PROFESSOR
SIGNAL NAME

CADRWD;CADR4 WLR

29-FEB-80 2103

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHFS	USE	DIPTYPE	BODY	FILE	POS
18	3CJ1-09	\					CON		CPINS	A3	
	3C07-13(15)	.1	II	-2.0	0.5	1.9	D3B	25S09	25S09	IRFG	D5
	3C07-01(04)	1	II	-2.0	0.5	1.4	IN	74S32	74S32W	IOR	D5
				-4.0/0.0		4.8					
19	3CJ1-10	\					CON		CPINS	A3	
	3C07-12(14)	.1	II	-2.0	0.5	1.9	D3B	25S09	25S09	IRFG	D5
	3C07-04(07)	1	II	-2.0	0.5	1.6	IN	74S32	74S32W	IOR	D5
				-4.0/0.0		5.0					
-IDIBUG	4FJ1-17	.					CON		CPINS	B8	
	4D10-05(08)	1	IIS	-2.0	0.5	5.6		74S10	74S100	SOURCE	B7
				-2.0/0.0							
-IFFICH	3F07-11(14)	\	IO	20.0	-1.0			74S00	74S00	ICC	C1
	1D28-10(13)	.1	IIS	-2.0	0.5	12.8		74S08	74S080	VCIL2	C2
	1D28-04(07)	1	IIS	-2.0	0.5	.8		74S08	74S080	VCIL2	B2
	1D28-02(05)	.1	IIS	-2.0	0.5	.6		74S08	74S080	VCIL2	B2
	1F16-05(08)	1	IIS	-2.0	0.5	4.6		74S11	74S110	VCIL1	A1
				-8.0(0.20)/20.0(-1.0)		23.3					
-IGNPAR	2C2503-05(07)	\	I7	-15.0	0.0			SIP330/470-8		SIP330/470-8	BCIFRM D8
	1F07-10(13)	.1	IIS	-2.0	0.5	14.1		74S08	74S08	MD	C1
	1CJ1-20	1					CON		RCPINS	D5	
				-17.0/0.0		21.7				HEAVILY LOADED	0
-IGNPOPJ	3F27-09(12)	\	IIS	-2.0	0.5			74S64	74S64	CONTRL	D3
	3F28-09(12)	.1	IIS	-2.0	0.5	.9		74S64	74S64	CONTRL	C4
	3F18-03(06)	1	IO	20.0	-1.0	3.0	OUT	74S32	74S320	CONTRL	B1
				-4.0(0.10)/20.0(-1.0)		5.4					
-ILONG	3FJ1-18	.					CON		CPINS	D4	
	3F07-03(06)	1	IO	20.0	-1.0	4.3		74S00	74S00	FLAG	A7
				0.0/20.0							
IMOD	4D10-06(09)	.	IO	20.0	-1.0			74S10	74S100	SOURCE	B7
	4C11-12(14)	1	II	-2.0	0.5	1.4	3D	74S175	74S175	PDICTL	D4
				-2.0(0.5)/20.0(-1.0)							
IMODD	4C11-10(12)	\	IO	20.0	-1.0		3Q	74S175	74S175	PDICTL	D4
	4F03-04(07)	.1	II	-2.0	0.5	5.2	IN	74S32	74S32	IPAR	D7
	3F15-13	1	II	-0.20	0.2	6.6	IN7	74LS244	74LS244	SPY2	B7
				-2.20(0.7)/20.0(-1.0)		13.3					
-IMODD	4C11-11(13)	.	IO	20.0	-1.0		-3Q	74S175	74S175	ONE PIN RUN PDICTL D4 UNUSED EXTRA OUTPUT	0
INOP	3D26-02(04)	.	IO	20.0	-1.0		1Q	74S175	74S175	ONE PIN RUN CONTRL D1 UNUSED EXTRA OUTPUT	0
-INOP	3F14-13(16)	.	IIS	-2.0	0.5			74S08	74S080	CONTRL	D8
	3D26-03(05)	1	IO	20.0	-1.0	4.1	-1Q	74S175	74S175	CONTRL	D1
				-2.0(0.5)/20.0(-1.0)							
INSI IN 2ND OR 4TH QUARTER	3F05-03(06)	.	IO	20.0	-1.0			74S08	74S08	ICC	B7
	2F05-10(13)	1	II	-2.0	0.5	8.4		74S86	74S86	ICC	B8
				-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR 29-FEB-80 2103

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
INST IN LEFT HALF													
2F30-10(13)		.	IO	20.0	-1.0				74S02	74S020	ICC	A7	
2F05-01(04)		!	II	-2.0	0.5	6.4			74S86	74S86	ICC	A8	
				-2.0(0.5)/20.0(-1.0)									
INI													
3F12-05(07)		\	II	-2.0	0.5		2D		74S175	74S175	LCC	C4	
2C25003-03(05)		!	I2	-15.0	0.0	9.9			SIP330/470-8	SIP330/470-8		D7	BCTERM D8
3AJ1-19		!		-17.0/0.0			16.1	CON		RCPINS		D7	HEAVILY LOADED 0
INI.FNABLE													
4D09-09(12)		\	IIS	-2.0	0.5				74S08	74S08	FLAG	C2	
3F08-11		!	IOI	12.0	-2.60	9.3	Y2		251S2519	251S2519			FLAG D2
1A16-11		!	II	-0.40	0.5	17.8	IN8		74S241	74S241	IC	D3	
				-2.40(0.10)/12.0(-2.60)			28.6						
IOB0													
3C09-03(06)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D8	
3C04-14(16)		!	II	-2.0	0.5	1.7	D3A		25S09	25S09	IREF	D8	
				-2.0(0.5)/20.0(-1.0)									
IOB1													
3C09-06(09)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D8	
3C04-11(13)		!	II	-2.0	0.5	1.7	D2A		25S09	25S09	IREF	D8	
				-2.0(0.5)/20.0(-1.0)									
IOB10													
3C07-08(11)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D5	
3C02-06(08)		!	II	-2.0	0.5	1.8	D1A		25S09	25S09	IREF	D5	
				-2.0(0.5)/20.0(-1.0)									
IOB11													
3C07-11(14)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D5	
3C02-03(05)		!	II	-2.0	0.5	1.8	D0A		25S09	25S09	IREF	D5	
				-2.0(0.5)/20.0(-1.0)									
IOB12													
3C06-03(06)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D4	
3C01-14(16)		!	II	-2.0	0.5	1.7	D3A		25S09	25S09	IREF	D4	
				-2.0(0.5)/20.0(-1.0)									
IOB13													
3C06-06(09)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D4	
3C01-11(13)		!	II	-2.0	0.5	1.7	D2A		25S09	25S09	IREF	D4	
				-2.0(0.5)/20.0(-1.0)									
IOB14													
3C06-08(11)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D4	
3C01-06(08)		!	II	-2.0	0.5	1.8	D1A		25S09	25S09	IREF	D4	
				-2.0(0.5)/20.0(-1.0)									
IOB15													
3C06-11(14)		.	IO	20.0	-1.0		OUT		74S32	74S32W	IOR	D4	
3C01-03(05)		!	II	-2.0	0.5	1.8	D0A		25S09	25S09	IREF	D4	
				-2.0(0.5)/20.0(-1.0)									
IOB16													
3C19-14(16)		.	II	-2.0	0.5		D3A		25S09	25S09	IREF	D3	
3C18-03(06)		!	IO	20.0	-1.0	.7	OUT		74S32	74S32W	IOR	D2	
				-2.0(0.5)/20.0(-1.0)									
IOB17													
3C19-11(13)		.	II	-2.0	0.5		D2A		25S09	25S09	IREF	D3	
3C18-06(09)		!	IO	20.0	-1.0	.7	OUT		74S32	74S32W	IOR	D2	
				-2.0(0.5)/20.0(-1.0)									
IOB18													
3C19-06(08)		.	II	-2.0	0.5		D1A		25S09	25S09	IREF	D3	
3C18-08(11)		!	IO	20.0	-1.0	1.3	OUT		74S32	74S32W	IOR	D2	
				-2.0(0.5)/20.0(-1.0)									
IOB19													
3C19-03(05)		.	II	-2.0	0.5		D0A		25S09	25S09	IREF	D3	
3C18-11(14)		!	IO	20.0	-1.0	1.3	OUT		74S32	74S32W	IOR	D2	
				-2.0(0.5)/20.0(-1.0)									

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WLR 29-FEB-80 2103

LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIP TYPE	BODY	FILE	POS
IOB2 3C09-08(11) 3C04-06(08)	. !	II IO	20.0 -2.0	-1.0 0.5	1.8	OUT D1A	74S32 25S09	74S32W 25S09	IOR IRFG	D8 D8
			-2.0(0.5)/20.0(-1.0)							
IOB20 3C17-14(16) 3C16-03(06)	. !	II IO	20.0 20.0	0.5 -1.0	.7	D3A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	D2 D1
			-2.0(0.5)/20.0(-1.0)							
IOB21 3C17-11(13) 3C16-06(09)	. !	II IO	20.0 20.0	0.5 -1.0	.7	D2A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	D2 D1
			-2.0(0.5)/20.0(-1.0)							
IOB22 3C17-06(08) 3C16-08(11)	. !	II IO	20.0 20.0	0.5 -1.0	1.3	D1A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	D2 D1
			-2.0(0.5)/20.0(-1.0)							
IOB23 3C17-03(05) 3C16-11(14)	. !	II IO	20.0 20.0	0.5 -1.0	1.3	D0A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	D2 D1
			-2.0(0.5)/20.0(-1.0)							
IOB24 3D20-14(16) 3D15-03(06)	. !	II IO	20.0 20.0	0.5 -1.0	1.5	D3A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	D1 B8
			-2.0(0.5)/20.0(-1.0)							
IOB25 3D20-11(13) 3D15-06(09)	. !	II IO	20.0 20.0	0.5 -1.0	1.5	D2A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	D1 B8
			-2.0(0.5)/20.0(-1.0)							
IOB26 3D19-14(16) 3D15-08(11)	. !	II IO	20.0 20.0	0.5 -1.0	1.2	D3A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B8 B8
			-2.0(0.5)/20.0(-1.0)							
IOB27 3D19-11(13) 3D15-11(14)	. !	II IO	20.0 20.0	0.5 -1.0	1.7	D2A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B8 B8
			-2.0(0.5)/20.0(-1.0)							
IOB28 3D19-06(08) 3D14-03(06)	. !	II IO	20.0 20.0	0.5 -1.0	1.7	D1A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B8 B6
			-2.0(0.5)/20.0(-1.0)							
IOB29 3D19-03(05) 3D14-06(09)	. !	II IO	20.0 20.0	0.5 -1.0	1.1	D0A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B8 B6
			-2.0(0.5)/20.0(-1.0)							
IOB3 3C09-11(14) 3C04-03(05)	. !	IO II	20.0 -2.0	-1.0 0.5	1.8	OUT D0A	74S32 25S09	74S32W 25S09	IOR IRFG	D8 D8
			-2.0(0.5)/20.0(-1.0)							
IOB30 3D18-14(16) 3D14-08(11)	. !	II IO	20.0 20.0	0.5 -1.0	1.2	D3A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B7 B6
			-2.0(0.5)/20.0(-1.0)							
IOB31 3D18-11(13) 3D14-11(14)	. !	II IO	20.0 20.0	0.5 -1.0	1.7	D2A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B7 B6
			-2.0(0.5)/20.0(-1.0)							
IOB32 3D18-06(08) 3D13-03(06)	. !	II IO	20.0 20.0	0.5 -1.0	1.7	D1A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B7 B5
			-2.0(0.5)/20.0(-1.0)							
IOB33 3D18-03(05) 3D13-06(09)	. !	II IO	20.0 20.0	0.5 -1.0	1.1	D0A OUT	25S09 74S32	25S09 74S32W	IRFG IOR	B7 B5
			-2.0(0.5)/20.0(-1.0)							

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADR4 WLR 29-FEB-80 2103

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USF	DIPTYPE	BODY	FILE	POS	
10B34	3D17-14(16)	.	II	-2.0	0.5			D3A	25S09	25S09	I REG	B5
	3D13-08(11)	!	IO	20.0	-1.0	1.2		OUI	74S32	74S32W	I OR	B5
				-2.0(0.5)/20.0(-1.0)								
10B35	3D17-11(13)	.	II	-2.0	0.5			D2A	25S09	25S09	I REG	B5
	3D13-11(14)	!	IO	20.0	-1.0	1.7		OUI	74S32	74S32W	I OR	B5
				-2.0(0.5)/20.0(-1.0)								
10B36	3D17-06(08)	.	II	-2.0	0.5			D1A	25S09	25S09	I REG	B5
	3D10-03(06)	!	IO	20.0	-1.0	3.3		OUI	74S32	74S32W	I OR	B4
				-2.0(0.5)/20.0(-1.0)								
10B37	3D17-03(05)	.	II	-2.0	0.5			D0A	25S09	25S09	I REG	B5
	3D10-06(09)	!	IO	20.0	-1.0	2.8		OUI	74S32	74S32W	I OR	B4
				-2.0(0.5)/20.0(-1.0)								
10B38	3D16-14(16)	.	II	-2.0	0.5			D3A	25S09	25S09	I REG	B4
	3D10-08(11)	!	IO	20.0	-1.0	3.1		OUI	74S32	74S32W	I OR	B4
				-2.0(0.5)/20.0(-1.0)								
10B39	3D16-11(13)	.	II	-2.0	0.5			D2A	25S09	25S09	I REG	B4
	3D10-11(14)	!	IO	20.0	-1.0	3.5		OUI	74S32	74S32W	I OR	B4
				-2.0(0.5)/20.0(-1.0)								
10B4	3C08-03(06)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	D6
	3C03-14(16)	!	II	-2.0	0.5	1.7		D3A	25S09	25S09	I REG	D7
				-2.0(0.5)/20.0(-1.0)								
10B40	3D16-06(08)	.	II	-2.0	0.5			D1A	25S09	25S09	I REG	B4
	3D09-03(06)	!	IO	20.0	-1.0	3.3		OUI	74S32	74S32W	I OR	B2
				-2.0(0.5)/20.0(-1.0)								
10B41	3D16-03(05)	.	II	-2.0	0.5			D0A	25S09	25S09	I REG	B4
	3D09-06(09)	!	IO	20.0	-1.0	2.8		OUI	74S32	74S32W	I OR	B2
				-2.0(0.5)/20.0(-1.0)								
10B42	3D09-08(11)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	B2
	3D07-14(16)	!	II	-2.0	0.5	1.6		D3A	25S09	25S09	I REG	B3
				-2.0(0.5)/20.0(-1.0)								
10B43	3D09-11(14)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	B2
	3D07-11(13)	!	II	-2.0	0.5	1.5		D2A	25S09	25S09	I REG	B3
				-2.0(0.5)/20.0(-1.0)								
10B44	3D08-03(06)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	B1
	3D07-06(08)	!	II	-2.0	0.5	1.0		D1A	25S09	25S09	I REG	B3
				-2.0(0.5)/20.0(-1.0)								
10B45	3D08-06(09)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	B1
	3D07-03(05)	!	II	-2.0	0.5	1.1		D0A	25S09	25S09	I REG	B3
				-2.0(0.5)/20.0(-1.0)								
10B46	3D08-08(11)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	B1
	3D06-14(16)	!	II	-2.0	0.5	1.6		D3A	25S09	25S09	I REG	B2
				-2.0(0.5)/20.0(-1.0)								
10B47	3D08-11(14)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	B1
	3D06-11(13)	!	II	-2.0	0.5	1.5		D2A	25S09	25S09	I REG	B2
				-2.0(0.5)/20.0(-1.0)								
10B5	3C08-06(09)	.	IO	20.0	-1.0			OUI	74S32	74S32W	I OR	D6
	3C03-11(13)	!	II	-2.0	0.5	1.7		D2A	25S09	25S09	I REG	D7
				-2.0(0.5)/20.0(-1.0)								

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FEB-80 2103							
SIGNAL NAME	LOC(PIN#)	Z	TYPE	IOW	HI	INCHFS	USE	DIP TYPE	BODY	FILE	POS
IOB6	3C08-08(11)	.	IO	20.0	-1.0						
	3C03-06(08)	!	II	-2.0	0.5	1.8	OUT	74S32	74S32W	IOR	D6
				-2.0(0.5)/20.0(-1.0)			D1A	25S09	25S09	IREG	D7
IOB7	3C08-11(14)	.	IO	20.0	-1.0						
	3C03-03(05)	!	II	-2.0	0.5	1.8	OUI	74S32	74S32W	IOR	D6
				-2.0(0.5)/20.0(-1.0)			D0A	25S09	25S09	IREG	D7
IOB8	3C07-03(06)	.	IO	20.0	-1.0						
	3C02-14(16)	!	II	-2.0	0.5	1.7	OUI	74S32	74S32W	IOR	D5
				-2.0(0.5)/20.0(-1.0)			D3A	25S09	25S09	IREG	D5
IOB9	3C07-06(09)	.	IO	20.0	-1.0						
	3C02-11(13)	!	II	-2.0	0.5	1.7	OUI	74S32	74S32W	IOR	D5
				-2.0(0.5)/20.0(-1.0)			D2A	25S09	25S09	IREG	D5
IPAR0	3F22-11(13)	.	II	-0.80	0.2						
	3F04-09(11)	!	IO	20.0	-1.0	6.0	I	93S48	93S48	IPAR	C8
				-0.80(0.2)/20.0(-1.0)			E	93S48	93S48	IPAR	C6
IPAR1	3F24-09(11)	.	IO	20.0	-1.0						
	3F22-12(14)	!	II	-0.80	0.2	1.5	I	93S48	93S48	IPAR	C8
				-0.80(0.2)/20.0(-1.0)			I	93S48	93S48	IPAR	C8
IPAR2	3F22-13(15)	.	II	-0.80	0.2						
	3F21-09(11)	!	IO	20.0	-1.0	2.7	I	93S48	93S48	IPAR	C8
				-0.80(0.2)/20.0(-1.0)			E	93S48	93S48	IPAR	C3
IPAR3	3F22-14(16)	.	II	-0.80	0.2						
	3F02-09(11)	!	IO	20.0	-1.0	5.2	I	93S48	93S48	IPAR	C8
				-0.80(0.2)/20.0(-1.0)			E	93S48	93S48	IPAR	C1
IPAR11Y	4F03-05(08)	.	II	-2.0	0.5						
	3F22-09(11)	!	IO	20.0	-1.0	5.4	IN	74S32	74S32	IPAR	D7
				-2.0(0.5)/20.0(-1.0)			E	93S48	93S48	IPAR	C8
IPAROK	4FJ1-20	.					CON		CPINS	B8	
	4F03-06(09)	!	IO	20.0	-1.0	2.3	OUI	74S32	74S32	IPAR	D7
				0.0/20.0							
IPC0	4F14-03(05)	\	II	-2.0	0.5						
	4F02-13(15)	!	II	-2.0	0.5	3.0	D0A	25S09	25S09	SPCW	D8
	3F29-04(06)	!	IO	20.0	-1.0	3.4	D3	74S153	74S153	NPC	C7
				-4.0(0.10)/20.0(-1.0)			S0	74S283	74S283	NPC	D8
											7.9
IPC1	4F14-06(08)	\	II	-2.0	0.5						
	4F02-03(05)	!	II	-2.0	0.5	3.5	D1A	25S09	25S09	SPCW	D8
	3F29-01(03)	!	IO	20.0	-1.0	3.7	D3	74S153	74S153	NPC	C7
				-4.0(0.10)/20.0(-1.0)			S1	74S283	74S283	NPC	D8
											8.7
IPC10	4F12-11(13)	\	II	-2.0	0.5						
	4F02-13(15)	!	II	-2.0	0.5	2.8	D2A	25S09	25S09	SPCW	D4
	3F27-13(15)	!	IO	20.0	-1.0	3.0	D3	74S153	74S153	NPC	C2
				-4.0(0.10)/20.0(-1.0)			S2	74S283	74S283	NPC	D5
											7.3
IPC11	4F12-14(16)	\	II	-2.0	0.5						
	4F02-03(05)	!	II	-2.0	0.5	2.7	D3A	25S09	25S09	SPCW	D4
	3F27-10(12)	!	IO	20.0	-1.0	2.7	D3	74S153	74S153	NPC	C2
				-4.0(0.10)/20.0(-1.0)			S3	74S283	74S283	NPC	D5
											6.9
IPC12	4F11-03(05)	\	II	-2.0	0.5						
	4F01-13(15)	!	II	-2.0	0.5	2.6	D0A	25S09	25S09	SPCW	D3
	3F26-04(06)	!	IO	20.0	-1.0	3.1	D3	74S153	74S153	NPC	C1
				-4.0(0.10)/20.0(-1.0)			S0	74S283	74S283	NPC	D4
											7.2

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103								
SIGNAL	NAME	Z	TYPE	LOW	HT	INCHES	USE	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
IPC13	4F11-06(08)	\	II	-2.0	0.5			D1A	25S09	25S09	SPCW	D3
	4F01-03(05)	.1	II	-2.0	0.5	2.9		D3	74S153	74S153	NPC	C1
	3F26-01(03)	1	IO	20.0	-1.0	3.2		S1	74S283	74S283	NPC	D4
				-4.0(0.10)/20.0(-1.0)			7.6					
IPC2	4F14-11(13)	\	II	-2.0	0.5			D2A	25S09	25S09	SPCW	D8
	4F01-03(05)	.1	II	-2.0	0.5	3.1		D3	74S153	74S153	NPC	C6
	3F29-13(15)	1	IO	20.0	-1.0	3.3		S2	74S283	74S283	NPC	D8
				-4.0(0.10)/20.0(-1.0)			7.9					
IPC3	4F14-14(16)	\	II	-2.0	0.5			D3A	25S09	25S09	SPCW	D8
	4F01-03(05)	.1	II	-2.0	0.5	3.1		D3	74S153	74S153	NPC	C6
	3F29-10(12)	1	IO	20.0	-1.0	3.1		S3	74S283	74S283	NPC	D8
				-4.0(0.10)/20.0(-1.0)			7.7					
IPC4	4F13-03(05)	\	II	-2.0	0.5			D0A	25S09	25S09	SPCW	D6
	4F05-03(05)	.1	II	-2.0	0.5	2.7		D3	74S153	74S153	NPC	C5
	3F28-04(06)	1	IO	20.0	-1.0	3.1		S0	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)			7.3					
IPC5	4F13-06(08)	\	II	-2.0	0.5			D1A	25S09	25S09	SPCW	D6
	4F05-03(05)	.1	II	-2.0	0.5	3.1		D3	74S153	74S153	NPC	C5
	3F28-01(03)	1	IO	20.0	-1.0	3.4		S1	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)			8.0					
IPC6	4F13-11(13)	\	II	-2.0	0.5			D2A	25S09	25S09	SPCW	D6
	4F04-03(05)	.1	II	-2.0	0.5	2.9		D3	74S153	74S153	NPC	C4
	3F28-13(15)	1	IO	20.0	-1.0	3.1		S2	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)			7.5					
IPC7	4F13-14(16)	\	II	-2.0	0.5			D3A	25S09	25S09	SPCW	D6
	4F04-03(05)	.1	II	-2.0	0.5	2.8		D3	74S153	74S153	NPC	C4
	3F28-10(12)	1	IO	20.0	-1.0	2.8		S3	74S283	74S283	NPC	D7
				-4.0(0.10)/20.0(-1.0)			7.1					
IPC8	4F12-03(05)	\	II	-2.0	0.5			D0A	25S09	25S09	SPCW	D4
	4F03-13(15)	.1	II	-2.0	0.5	2.6		D3	74S153	74S153	NPC	C3
	3F27-04(06)	1	IO	20.0	-1.0	3.1		S0	74S283	74S283	NPC	D5
				-4.0(0.10)/20.0(-1.0)			7.2					
IPC9	4F12-06(08)	\	II	-2.0	0.5			D1A	25S09	25S09	SPCW	D4
	4F03-03(05)	.1	II	-2.0	0.5	3.0		D3	74S153	74S153	NPC	C3
	3F27-01(03)	1	IO	20.0	-1.0	3.3		S1	74S283	74S283	NPC	D5
				-4.0(0.10)/20.0(-1.0)			7.8					
-IPOPJ	3F07-06(09)	.	IO	20.0	-1.0				74S00	74S00	CONTRL	B3
	3D21-04(07)	1	IIS	-2.0	0.5	4.3			74S08	74S080	CONTRL	C3
				-2.0(0.5)/20.0(-1.0)								
IRO	2C11-13(16)	\	II	-2.0	0.5				74S04	74S04A	AIUC4	B4
	3C04-15(17)	.1	IO	20.0	-1.0	6.4		Q3	25S09	25S09	IRFG	D8
	3F14-10(13)	.1	IIS	-2.0	0.5	6.4			74S08	74S08	FLAG	D5
	3F04-11(13)	.1	II	-0.80	0.2	2.6		I	93S48	93S48	IPAR	C6
	3F01-17	1	II	-0.20	0.2	2.0		IN5	74IS244	74IS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)			21.9					
-IRO	2F19-06(09)	.	II	-2.0	0.5				74S02	74S020	SMC11	B2
	2D20-08(11)	.1	II	-2.0	0.5	3.4			74S02	74S020	SMC11	D2
	2C11-12(15)	.1	IO	20.0	-1.0	2.1			74S04	74S04A	AIUC4	B4
	2B19-12(15)	1	II	-1.60	0.4	4.8			7428	7428	QCIL	D2
				-5.60(0.14)/20.0(-1.0)			13.3					

CADR PROCESSOR		CADRWD:CADR4 WLR		29-FFB-80 2103								
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USF	DIPTYPE	BODY	FILE	POS	
	LOC(PIN#)											
IR1	2C11-11(14)	\	II	-2.0	0.5				74S04	74S04A	AIUC4	B4
	3C04-10(12)	.I	IO	20.0	-1.0	6.7	Q2		25S09	25S09	IREG	D8
	3F14-04(07)	.I	IIS	-2.0	0.5	5.9			74S08	74S08	FLAG	C5
	3F04-12(14)	.I	II	-0.80	0.2	2.7	I		93S48	93S48	IPAR	C6
	3E01-15	I	II	-0.20	0.2	2.0	IN6		74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)			21.8					
-IR1	2F19-08(11)	.	II	-2.0	0.5				74S02	74S020	SMCII	B2
	2D20-11(14)	.I	II	-2.0	0.5	3.7			74S02	74S020	SMCII	D2
	2C11-10(13)	.I	IO	20.0	-1.0	1.7			74S04	74S04A	AIUC4	B4
	2B19-09(12)	I	II	-1.60	0.4	4.8			7428	7428	QCTL	D2
				-5.60(0.14)/20.0(-1.0)			13.2					
IR10	3F11-01(04)	\	IIS	-2.0	0.5				74S00	74S00	LCC	A6
	3F03-13	.I	II	-0.20	0.2	2.4	IN7		74LS244	74LS244	SPY1	B7
	3F04-06(08)	.I	II	-0.80	0.2	1.2	I		93S48	93S48	IPAR	C6
	3D05-14(16)	.I	II	-2.0	0.5	3.4	2A		74S139	74S139	SOURCE	C1
	3C02-07(09)	I	IO	20.0	-1.0	2.0	Q1		25S09	25S09	IREG	D5
				-5.0(0.14)/20.0(-1.0)			13.5					
IR11	3F11-02(05)	\	IIS	-2.0	0.5				74S00	74S00	LCC	A6
	3F03-11	.I	II	-0.20	0.2	2.3	IN8		74LS244	74LS244	SPY1	B7
	3F04-07(09)	.I	II	-0.80	0.2	1.3	I		93S48	93S48	IPAR	C6
	3D05-13(15)	.I	II	-2.0	0.5	3.4	2B		74S139	74S139	SOURCE	C1
	3C02-02(04)	I	IO	20.0	-1.0	2.0	Q0		25S09	25S09	IREG	D5
				-5.0(0.14)/20.0(-1.0)			13.5					
IR12	4F02-11(13)	\	II	-2.0	0.5		D1		74S153	74S153	NPC	C7
	3F24-11(13)	.I	II	-0.80	0.2	4.5	I		93S48	93S48	IPAR	C4
	3F03-08	.I	II	-0.20	0.2	5.5	IN4		74LS244	74LS244	SPY1	B7
	3C01-15(17)	.I	IO	20.0	-1.0	4.6	Q3		25S09	25S09	IREG	D4
	2D20-06(09)	.I	II	-2.0	0.5	4.8			74S02	74S02	SMCII	D1
	2D26-09(12)	.I	II	-2.0	0.5	3.6			74S04	74S04A	MSKG4	D8
	2F25-02	I	II	-0.40	0.5	4.0	IN1		74S241	74S241	DRAM0	D3
					-7.40(0.24)/20.0(-1.0)			34.5				
-IR12	2D26-08(11)	\	IO	20.0	-1.0				74S04	74S04A	MSKG4	D8
	2D21-05(08)	.I	II	-1.60	0.4	1.8			7428	7428	AIUC4	C2
	2D21-12(15)	I	II	-1.60	0.4	.8			7428	7428	AIUC4	D2
				-3.20(0.8)/20.0(-1.0)			4.1					
IR12B	2F24-01(04)	.	IIS	-2.0	0.5				74S64	74S64	DRAM0	D1
	2F25-18	.I	IOI	64.0	-15.0	.7	0011		74S241	74S241	DRAM0	D3
	2F05-01(04)	.I	IIS	-2.0	0.5	4.8			74S64	74S64	DRAM1	D1
	2F01-01(04)	I	IIS	-2.0	0.5	2.4			74S64	74S64	DRAM2	D1
				-6.0(0.15)/64.0(-15.0)			10.9					
IR13	4F02-05(07)	\	II	-2.0	0.5		D1		74S153	74S153	NPC	C7
	3F24-12(14)	.I	II	-0.80	0.2	4.7	I		93S48	93S48	IPAR	C4
	3F03-06	.I	II	-0.20	0.2	5.6	IN3		74LS244	74LS244	SPY1	B7
	3C01-10(12)	.I	IO	20.0	-1.0	4.6	Q2		25S09	25S09	IREG	D4
	2D20-03(06)	.I	II	-2.0	0.5	5.6			74S02	74S02	SMCII	B1
	2D26-05(08)	.I	II	-2.0	0.5	3.6			74S04	74S04A	MSKG4	D8
	2F25-04	I	II	-0.40	0.5	4.2	IN2		74S241	74S241	DRAM0	D3
				-7.40(0.24)/20.0(-1.0)			35.8					
-IR13	2D26-06(09)	\	IO	20.0	-1.0				74S04	74S04A	MSKG4	D8
	2D21-09(12)	.I	II	-1.60	0.4	1.6			7428	7428	AIUC4	C2
	2D21-02(05)	I	II	-1.60	0.4	.9			7428	7428	AIUC4	C2
				-3.20(0.8)/20.0(-1.0)			4.0					

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR 29-FEB-80 2103

SIGNAL NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHFS	USE	DIPTYPE	BODY	FILE	POS	
IR13B	3F10-09(12)	.	IIS	-2.0	0.5				74S51	74S51	DRAM0	B3
	2F25-16	1.	IOT	64.0	-15.0	5.6	OUT2		74S241	74S241	DRAM0	D3
	2F20-09(12)	.1	IIS	-2.0	0.5	1.1			74S51	74S51	DRAM1	B3
	1F30-09(12)	!	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	B3
					-6.0(0.15)/64.0(-15.0)		16.0					
IR14	3B26-03(05)	.	II	-2.0	0.5		1D		74S174	74S174	ACT1	B4
	3C01-07(09)	1.	IO	20.0	-1.0	6.2	Q1		25S09	25S09	IRFG	D4
	2F25-06	.1	II	-0.40	0.5	7.7	IN3		74S241	74S241	DRAM0	D3
	3F03-04	1.	II	-0.20	0.2	4.3	IN2		74LS244	74LS244	SPY1	B7
	3F24-13(15)	.1	II	-0.80	0.2	5.7	I		93S48	93S48	IPAR	C4
	4F01-11(13)	!	II	-2.0	0.5	4.5	D1		74S153	74S153	NPC	C6
					-5.40(0.19)/20.0(-1.0)		34.4					
IR14B	3F05-09(12)	.	IIS	-2.0	0.5				74S51	74S51	DRAM0	A3
	2F25-14	1.	IOI	64.0	-15.0	4.3	OUT3		74S241	74S241	DRAM0	D3
	2F15-09(12)	.1	IIS	-2.0	0.5	2.4			74S51	74S51	DRAM1	A3
	1F25-09(12)	!	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	A3
					-6.0(0.15)/64.0(-15.0)		16.0					
IR15	3B26-04(06)	.	II	-2.0	0.5		2D		74S174	74S174	ACT1	B4
	3C01-02(04)	1.	IO	20.0	-1.0	6.8	Q0		25S09	25S09	IRFG	D4
	3F03-02	.1	II	-0.20	0.2	4.9	IN1		74LS244	74LS244	SPY1	B7
	2F25-08	1.	II	-0.40	0.5	4.0	IN4		74S241	74S241	DRAM0	D3
	3F24-14(16)	.1	II	-0.80	0.2	8.3	I		93S48	93S48	IPAR	C4
	4F01-05(07)	!	II	-2.0	0.5	4.6	D1		74S153	74S153	NPC	C6
					-5.40(0.19)/20.0(-1.0)		34.6					
IR15B	1F20-09(12)	.	IIS	-2.0	0.5				74S51	74S51	DRAM2	A3
	2F10-09(12)	1.	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM1	A3
	2F25-12	.1	IOI	64.0	-15.0	3.7	OUT4		74S241	74S241	DRAM0	D3
	2F30-09(12)	!	IIS	-2.0	0.5	1.5			74S51	74S51	DRAM0	A3
					-6.0(0.15)/64.0(-15.0)		14.5					
IR16	3B26-06(08)	.	II	-2.0	0.5		3D		74S174	74S174	ACT1	B4
	3C19-15(17)	1.	IO	20.0	-1.0	3.5	Q3		25S09	25S09	IRFG	D3
	4F05-11(13)	.1	II	-2.0	0.5	9.9	D1		74S153	74S153	NPC	C5
	3F24-15(17)	1.	II	-0.80	0.2	4.6	I		93S48	93S48	IPAR	C4
	3F25-17	.1	II	-0.20	0.2	.9	IN5		74LS244	74LS244	SPY1	B5
	2F25-11	!	II	-0.40	0.5	7.9	IN8		74S241	74S241	DRAM0	D3
					-5.40(0.19)/20.0(-1.0)		32.8					
IR16B	3F10-02(05)	.	IIS	-2.0	0.5				74S-1	74S51	DRAM0	B2
	2F25-09	1.	IOI	64.0	-15.0	4.8	OUT8		74S241	74S241	DRAM0	D3
	2F20-02(05)	.1	IIS	-2.0	0.5	1.9			74S51	74S51	DRAM1	B2
	1F30-02(05)	!	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	B2
					-6.0(0.15)/64.0(-15.0)		16.0					
IR17	2F25-13	.	II	-0.40	0.5		IN7		74S241	74S241	DRAM0	D3
	3F24-01(03)	1.	II	-0.80	0.2	8.1	I		93S48	93S48	IPAR	C4
	3F25-15	.1	II	-0.20	0.2	.8	IN6		74LS244	74LS244	SPY1	B5
	4F05-05(07)	1.	II	-2.0	0.5	4.3	D1		74S153	74S153	NPC	C5
	3C19-10(12)	.1	IO	20.0	-1.0	9.3	Q2		25S09	25S09	IRFG	D3
	3B26-11(13)	!	II	-2.0	0.5	2.9	4D		74S174	74S174	ACT1	B4
					-5.40(0.19)/20.0(-1.0)		31.4					
IR17B	3F05-02(05)	.	IIS	-2.0	0.5				74S51	74S51	DRAM0	A2
	2F25-07	1.	IOI	64.0	-15.0	3.9	OUT7		74S241	74S241	DRAM0	D3
	2F15-02(05)	.1	IIS	-2.0	0.5	2.8			74S51	74S51	DRAM1	A2
	1F25-02(05)	!	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM2	A2
					-6.0(0.15)/64.0(-15.0)		16.0					

CADR PROCESSOR		CADRWD:CADR4 WIR				29-FEB-80 2103						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILF	POS	
	LOC(PIN#)											
IR18	3B28-13(15)	\	II	-2.0	0.5			D3B	25S09	25S09	ACTL	B2
	3B28-14(16)	.1	II	-2.0	0.5	BARE		D3A	25S09	25S09	ACTI	B2
	3C19-07(09)	.1	IO	20.0	-1.0	3.1		Q1	25S09	25S09	IREG	D3
	4F04-11(13)	.1	II	-2.0	0.5	10.3		D1	74S153	74S153	NPC	C4
	3F25-13	.1	II	-0.20	0.2	4.2		IN7	74LS244	74LS244	SPY1	B5
	3F24-02(04)	.1	II	-0.80	0.2	.9		I	93S48	93S48	IPAR	C4
	2F25-15	!	II	-0.40	0.5	8.4		IN6	74S241	74S241	DRAM0	D3
					-7.40(0.24)/20.0(-1.0)			34.5				
IR18B	1F20-02(05)	.	IIS	-2.0	0.5				74S51	74S51	DRAM2	A2
	2F10-02(05)	.1	IIS	-2.0	0.5	6.3			74S51	74S51	DRAM1	A2
	2F25-05	.1	IOI	64.0	-15.0	3.7		OUI6	74S241	74S241	DRAM0	D3
	2F30-02(05)	!	IIS	-2.0	0.5	1.5			74S51	74S51	DRAM0	A2
				-6.0(0.15)/64.0(-15.0)			14.5					
IR19	4F04-05(07)	\	II	-2.0	0.5			D1	74S153	74S153	NPC	C4
	3F25-11	.1	II	-0.20	0.2	3.9		IN8	74LS244	74LS244	SPY1	B5
	3F24-03(05)	.1	II	-0.80	0.2	1.0		I	93S48	93S48	IPAR	C4
	2F25-17	.1	II	-0.40	0.5	8.9		IN5	74S241	74S241	DRAM0	D3
	3D04-14(16)	.1	II	-2.0	0.5	6.6		2A	74S139	74S139	VCII 2	C7
	3D11-01(03)	.1	II	-2.0	0.5	2.8		A	74S138	74S138	SOURCE	D3
	3D12-01(03)	.1	II	-2.0	0.5	.9		A	74S138	74S138	SOURCE	D5
	3C19-02(04)	.1	IO	20.0	-1.0	4.3		Q0	25S09	25S09	IREG	D3
	3B28-11(13)	!	II	-2.0	0.5	3.7		D2A	25S09	25S09	ACTI	B2
					-11.40(0.34)/20.0(-1.0)			42.6				
IR19B	2F21-13(16)	.	II	-2.0	0.5				74S04	74S04A	DRAM0	C3
	2F25-03	.1	IOI	64.0	-15.0	2.8		OUI5	74S241	74S241	DRAM0	D3
	2F04-13(16)	.1	II	-2.0	0.5	4.7			74S04	74S04A	DRAM1	C3
	2F02-13(16)	!	II	-2.0	0.5	1.4			74S04	74S04A	DRAM2	D3
				-6.0(0.15)/64.0(-15.0)			11.9					
IR2	2C11-09(12)	\	II	-2.0	0.5				74S04	74S04A	AIUC4	B4
	3C04-07(09)	.1	IO	20.0	-1.0	6.6		Q1	25S09	25S09	IREG	D8
	3E14-01(04)	.1	IIS	-2.0	0.5	6.1			74S08	74S08	FLAG	C5
	3E04-13(15)	.1	II	-0.80	0.2	2.5		J	93S48	93S48	IPAR	C6
	3E01-13	!	II	-0.20	0.2	2.0		IN7	74LS244	74LS244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)			21.7					
-IR2	2F14-12(15)	\	II	-2.0	0.5				74S02	74S020	SMCTI	C4
	2E14-08(11)	.1	II	-2.0	0.5	.8			74S02	74S020	SMCTI	C2
	2E19-11(14)	.1	II	-2.0	0.5	1.2			74S02	74S020	SMCTI	A2
	2C11-08(11)	.1	IO	20.0	-1.0	4.4			74S04	74S04A	AIUC4	B4
	2B18-10(12)	!	II	-2.0	0.5	4.3		D0	74S153	74S153	AIUC4	D6
					-8.0(0.20)/20.0(-1.0)			15.2				
IR20	4F03-11(13)	\	II	-2.0	0.5			D1	74S153	74S153	NPC	C3
	3F25-08	.1	II	-0.20	0.2	4.4		IN4	74LS244	74LS244	SPY1	B5
	3F24-04(06)	.1	II	-0.80	0.2	1.0		I	93S48	93S48	IPAR	C4
	2F23-02	.1	II	-0.40	0.5	9.2		IN1	74S241	74S241	DRAM1	D3
	3D04-13(15)	.1	II	-2.0	0.5	7.4		2B	74S139	74S139	VCII 2	C7
	3D11-02(04)	.1	II	-2.0	0.5	2.8		B	74S138	74S138	SOURCE	D3
	3D12-02(04)	.1	II	-2.0	0.5	.9		B	74S138	74S138	SOURCE	D5
	3C17-15(17)	.1	IO	20.0	-1.0	3.1		Q3	25S09	25S09	IREG	D2
	3B28-06(08)	!	II	-2.0	0.5	4.8		D1A	25S09	25S09	ACTI	B2
					-11.40(0.34)/20.0(-1.0)			44.1				
IR20B	2F21-11(14)	.	II	-2.0	0.5				74S04	74S04A	DRAM0	C3
	2F23-18	.1	IOI	64.0	-15.0	1.5		OUI1	74S241	74S241	DRAM1	D3
	2F04-11(14)	.1	II	-2.0	0.5	4.5			74S04	74S04A	DRAM1	C3
	2F02-11(14)	!	II	-2.0	0.5	1.4			74S04	74S04A	DRAM2	D3
				-6.0(0.15)/64.0(-15.0)			10.4					

CADR PROCESSOR
SIGNAL NAME

CADRWD;CADR4 WLR 29-FFB-80 2103

SIGNAL	NAME	LOC(PIN#)	Z	TYPE	LOW	HI	INCHFS	USE	DIP TYPE	BODY	FILE	POS		
-IR25	3D21-12(15) 3D03-04(07)	.	I	HS	-2.0	0.5				74S08	74S08	SOURCE	D8	
				IO	20.0	-1.0	4.9			74S04	74S04A	SOURCE	B7	
					-2.0(0.5)/20.0(-1.0)									
IR26	4A18-03(05) 4B19-03(05) 4B18-01(03) 3D19-15(17) 3D23-01(03) 3D22-01(03) 3F21-13(15) 3F23-13	.	I	II	-2.0	0.5		IN1		74S258	74S258	MC11	D4	
				II	-2.0	0.5	2.6	IN1		74S258	74S258	MC11	D1	
				II	-2.0	0.5	1.0	A0		93S46	93S46	MC11	B1	
				IO	20.0	-1.0	10.2	Q3		25S09	25S09	IRFG	B8	
				II	-2.0	0.5	1.5	A		74S138	74S138	SOURCE	B5	
				II	-2.0	0.5	.9	A		74S138	74S138	SOURCE	B3	
				II	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3	
				II	-0.20	0.2	2.2	IN7		74LS244	74LS244	SPY1	B4	
					-11.0(0.29)/20.0(-1.0)		31.4							
IR27	4A18-06(08) 4B19-06(08) 4B18-03(05) 3D19-10(12) 3D23-02(04) 3D22-02(04) 3F21-14(16) 3F23-11	.	I	II	-2.0	0.5		IN1		74S258	74S258	MC11	D4	
				II	-2.0	0.5	2.6	IN1		74S258	74S258	MC11	D1	
				II	-2.0	0.5	1.0	A1		93S46	93S46	MC11	B1	
				IO	20.0	-1.0	10.0	Q2		25S09	25S09	IRFG	B8	
				II	-2.0	0.5	1.1	B		74S138	74S138	SOURCE	B5	
				II	-2.0	0.5	.9	B		74S138	74S138	SOURCE	B3	
				II	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3	
				II	-0.20	0.2	2.2	IN8		74LS244	74LS244	SPY1	B4	
					-11.0(0.29)/20.0(-1.0)		30.8							
IR28	4A18-10(12) 4B19-10(12) 4B18-05(07) 3D19-07(09) 3D23-03(05) 3D22-03(05) 3F21-15(17) 3F23-08	.	I	II	-2.0	0.5		IN1		74S258	74S258	MC11	D4	
				II	-2.0	0.5	2.6	IN1		74S258	74S258	MC11	D1	
				II	-2.0	0.5	.7	A2		93S46	93S46	MC11	B1	
				IO	20.0	-1.0	10.0	Q1		25S09	25S09	IRFG	B8	
				II	-2.0	0.5	1.3	C		74S138	74S138	SOURCE	B5	
				II	-2.0	0.5	.9	C		74S138	74S138	SOURCE	B3	
				II	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3	
				II	-0.20	0.2	1.9	IN4		74LS244	74LS244	SPY1	B4	
					-11.0(0.29)/20.0(-1.0)		30.4							
IR29	4A18-13(15) 4B19-13(15) 4B18-10(12) 3D19-02(04) 3D23-06(08) 3D22-05(07) 3F21-01(03) 3F23-06	.	I	II	-2.0	0.5		IN1		74S258	74S258	MC11	D4	
				II	-2.0	0.5	2.6	IN1		74S258	74S258	MC11	D1	
				II	-2.0	0.5	1.0	A3		93S46	93S46	MC11	B1	
				IO	20.0	-1.0	10.5	Q0		25S09	25S09	IRFG	B8	
				II	-2.0	0.5	2.0	G1		74S138	74S138	SOURCE	B5	
				II	-2.0	0.5	1.0	G2B		74S138	74S138	SOURCE	B3	
				II	-0.80	0.2	3.7	I		93S48	93S48	IPAR	C3	
				II	-0.20	0.2	2.2	IN3		74LS244	74LS244	SPY1	B4	
					-11.0(0.29)/20.0(-1.0)		32.0							
IR3	2C11-05(08) 3C04-02(04) 3D04-02(04) 3F04-14(16) 3F01-11	.	I	II	-2.0	0.5				74S04	74S04A	AIUC4	B4	
				IO	20.0	-1.0	6.1	Q0		25S09	25S09	IRFG	D8	
				II	-2.0	0.5	3.1	1A		74S139	74S139	SOURCE	D1	
				II	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C6	
				II	-0.20	0.2	2.0	IN8		74LS244	74LS244	SPY1	B8	
	-5.0(0.14)/20.0(-1.0)		19.2											
-IR3	2F05-09(12) 2C11-06(09) 2B16-06(08)	.	I	II	-2.0	0.5				74S86	74S86	ICC	B8	
				IO	20.0	-1.0	4.8			74S04	74S04A	AIUC4	B4	
				II	-2.0	0.5	3.3	D0		74S153	74S153	AIUC4	D4	
	-4.0(0.10)/20.0(-1.0)		9.6											
IR30	4A16-03(05) 4A16-13(15) 4B18-12(14) 4D07-10(13) 4D07-03(06) 3D18-15(17) 3F21-02(04) 3F23-04	.	I	II	-2.0	0.5		IN1		74S258	74S258	MC11	D2	
				II	-2.0	0.5	.8	IN1		74S258	74S258	MC11	D2	
				II	-2.0	0.5	2.2	A4		93S46	93S46	MC11	B1	
				HS	-2.0	0.5	6.7			74S51	74S51	PDI C11	D2	
				HS	-2.0	0.5	.8			74S51	74S51	PDI C11	C2	
				IO	20.0	-1.0	6.6	Q3		25S09	25S09	IRFG	B7	
				II	-0.80	0.2	4.0	I		93S48	93S48	IPAR	C3	
				II	-0.20	0.2	2.1	IN2		74LS244	74LS244	SPY1	B4	
					-11.0(0.29)/20.0(-1.0)		32.2							

CADR PROCESSOR
SIGNAL NAME

CADRWD:CADRA WIR 29-FFB-80 2103

	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPI	TYPE	BODY	FILE	POS
IR31	2D26-03(06)	.	II	-2.0	0.5				74S04	74S04A	MSKG4	D8
	3D18-10(12)	.1	IO	20.0	-1.0	6.7	Q2		25S09	25S09	IRFG	B7
	3F21-03(05)	.1	II	-0.80	0.2	3.9	I		93S48	93S48	IPAR	C3
	3F23-02	I	II	-0.20	0.2	2.2	IN1		74LS244	74LS244	SPY1	B4
					-3.0(0.9)/20.0(-1.0)	15.8						
-IR31	4B14-04(07)	.	IIS	-2.0	0.5				74S10	74S10	MCII	A4
	4B14-13(16)	.1	IIS	-2.0	0.5	.8			74S10	74S10	MCII	A4
	4B11-13(16)	.1	IIS	-2.0	0.5	1.9			74S11	74S11	MCII	A4
	4B11-10(13)	.1	IIS	-2.0	0.5	.7			74S11	74S11	MCII	B4
	4D08-12(15)	.1	IIS	-2.0	0.5	5.0			74S00	74S00	MF	D3
	3D22-04(06)	.1	II	-2.0	0.5	5.3	G2A		74S138	74S138	SOURCE	B3
	3D23-04(06)	.1	II	-2.0	0.5	.9	G2A		74S138	74S138	SOURCE	B5
	2D26-04(07)	I	IO	20.0	-1.0	7.4			74S04	74S04A	MSKG4	D8
						-14.0(0.35)/20.0(-1.0)	31.0					OVERLOADED
IR32	3F21-17	N	II	-0.20	0.2		IN5		74LS244	74LS244	SPY1	B2
	3F21-04(06)	.1	II	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C3
	3D18-07(09)	.1	IO	20.0	-1.0	4.2	Q1		25S09	25S09	IRFG	B7
	3C15-03(05)	.1	II	-2.0	0.5	4.4	D0		25S07	25S07	DSPCII	B8
	3B21-01(03)	.1	II	-2.0	0.5	2.6	A0		93S46	93S46	ACTL	B5
	3A16-03(05)	.1	II	-2.0	0.5	3.3	IN1		74S258	74S258	ACTL	D3
	3A06-03(05)	I	II	-2.0	0.5	2.6	IN1		74S258	74S258	ACTL	D6
						-9.0(0.24)/20.0(-1.0)	28.1					
IR33	3F21-15	N	II	-0.20	0.2		IN6		74LS244	74LS244	SPY1	B2
	3F21-05(07)	.1	II	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C3
	3D18-02(04)	.1	IO	20.0	-1.0	4.4	Q0		25S09	25S09	IRFG	B7
	3C15-04(06)	.1	II	-2.0	0.5	4.3	D1		25S07	25S07	DSPCII	B8
	3B21-03(05)	.1	II	-2.0	0.5	2.7	A1		93S46	93S46	ACTL	B5
	3A16-06(08)	.1	II	-2.0	0.5	3.3	IN1		74S258	74S258	ACTL	D3
	3A06-06(08)	I	II	-2.0	0.5	2.6	IN1		74S258	74S258	ACTL	D6
						-9.0(0.24)/20.0(-1.0)	28.3					
IR34	3F21-13	N	II	-0.20	0.2		IN7		74LS244	74LS244	SPY1	B2
	3F21-06(08)	.1	II	-0.80	0.2	3.4	I		93S48	93S48	IPAR	C3
	3D17-15(17)	.1	IO	20.0	-1.0	3.7	Q3		25S09	25S09	IRFG	B5
	3C15-06(08)	.1	II	-2.0	0.5	5.0	D2		25S07	25S07	DSPCII	B8
	3B21-05(07)	.1	II	-2.0	0.5	2.7	A2		93S46	93S46	ACTL	B5
	3A16-10(12)	.1	II	-2.0	0.5	3.0	IN1		74S258	74S258	ACTL	D3
	3A06-10(12)	I	II	-2.0	0.5	2.6	IN1		74S258	74S258	ACTL	D6
						-9.0(0.24)/20.0(-1.0)	27.9					
IR35	3F21-11	N	II	-0.20	0.2		IN8		74LS244	74LS244	SPY1	B2
	3F21-07(09)	.1	II	-0.80	0.2	3.5	I		93S48	93S48	IPAR	C3
	3D17-10(12)	.1	IO	20.0	-1.0	3.6	Q2		25S09	25S09	IRFG	B5
	3C15-11(13)	.1	II	-2.0	0.5	4.8	D3		25S07	25S07	DSPCII	B8
	3B21-10(12)	.1	II	-2.0	0.5	2.9	A3		93S46	93S46	ACTL	B5
	3A16-13(15)	.1	II	-2.0	0.5	3.5	IN1		74S258	74S258	ACTL	D3
	3A06-13(15)	I	II	-2.0	0.5	2.6	IN1		74S258	74S258	ACTL	D6
					-9.0(0.24)/20.0(-1.0)	28.4						
IR36	3F21-08	N	II	-0.20	0.2		IN4		74LS244	74LS244	SPY1	B2
	3F02-11(13)	.1	II	-0.80	0.2	5.7	I		93S48	93S48	IPAR	C1
	3D17-07(09)	.1	IO	20.0	-1.0	5.0	Q1		25S09	25S09	IRFG	B5
	3C15-13(15)	.1	II	-2.0	0.5	4.6	D4		25S07	25S07	DSPCII	B8
	3B21-12(14)	.1	II	-2.0	0.5	2.9	A4		93S46	93S46	ACTL	B5
	3A21-03(05)	.1	II	-2.0	0.5	3.5	IN1		74S258	74S258	ACTL	D1
	3A12-03(05)	I	II	-2.0	0.5	2.7	IN1		74S258	74S258	ACTL	D5
					-9.0(0.24)/20.0(-1.0)	31.9						

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	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USF	DIP TYPE	BODY	FILE	POS	
IR37	3F21-06	\	II	-0.20	0.2			IN3	741S244	741S244	SPY1	B2
	3F02-12(14)	.1	II	-0.80	0.2	5.6		I	93S48	93S48	IPAR	C1
	3D17-02(04)	.1	IO	20.0	-1.0	4.7		Q0	25S09	25S09	IRFG	B5
	3C15-14(16)	.1	II	-2.0	0.5	4.5		D5	25S07	25S07	DSPCTI	B8
	3B21-14(16)	.1	II	-2.0	0.5	2.8		A5	93S46	93S46	ACII	B5
	3A21-06(08)	.1	II	-2.0	0.5	3.5		IN1	74S258	74S258	ACII	D1
	3A12-06(08)	!	II	-2.0	0.5	2.7		IN1	74S258	74S258	ACII	D5
					-9.0(0.24)/20.0(-1.0)			31.3				
IR38	3F21-04	\	II	-0.20	0.2			IN2	741S244	741S244	SPY1	B2
	3F02-13(15)	.1	II	-0.80	0.2	5.6		I	93S48	93S48	IPAR	C1
	3D16-15(17)	.1	IO	20.0	-1.0	4.3		Q3	25S09	25S09	IRFG	B4
	3C14-03(05)	.1	II	-2.0	0.5	5.1		D0	25S07	25S07	DSPCTI	B6
	3B27-01(03)	.1	II	-2.0	0.5	4.0		A0	93S46	93S46	ACII	B6
	3A21-10(12)	.1	II	-2.0	0.5	2.4		IN1	74S258	74S258	ACII	D1
	3A12-10(12)	!	II	-2.0	0.5	2.7		IN1	74S258	74S258	ACII	D5
					-9.0(0.24)/20.0(-1.0)			31.6				
IR39	3F21-02	\	II	-0.20	0.2			IN1	741S244	741S244	SPY1	B2
	3F02-14(16)	.1	II	-0.80	0.2	5.5		I	93S48	93S48	IPAR	C1
	3D16-10(12)	.1	IO	20.0	-1.0	4.8		Q2	25S09	25S09	IRFG	B4
	3C14-04(06)	.1	II	-2.0	0.5	5.2		D1	25S07	25S07	DSPCTI	B6
	3B27-03(05)	.1	II	-2.0	0.5	4.1		A1	93S46	93S46	ACII	B6
	3A21-13(15)	.1	II	-2.0	0.5	2.6		IN1	74S258	74S258	ACII	D1
	3A12-13(15)	!	II	-2.0	0.5	2.7		IN1	74S258	74S258	ACII	D5
					-9.0(0.24)/20.0(-1.0)			32.4				
IR4	2C11-03(06)	\	II	-2.0	0.5				74S04	74S04A	AIUC4	B4
	3C03-15(17)	.1	IO	20.0	-1.0	6.2		Q3	25S09	25S09	IRFG	D1
	3D04-03(05)	.1	II	-2.0	0.5	2.4		IB	74S139	74S139	SOURCE	D1
	3F04-15(17)	.1	II	-0.80	0.2	3.5		I	93S48	93S48	IPAR	C6
	3F01-08	!	II	-0.20	0.2	1.7		IN4	741S244	741S244	SPY1	B8
				-5.0(0.14)/20.0(-1.0)			18.3					
-IR4	2F05-02(05)	\	II	-2.0	0.5				74S86	74S86	ICC	A8
	2C11-04(07)	.1	IO	20.0	-1.0	4.6			74S04	74S04A	AIUC4	B4
	2B16-10(12)	!	II	-2.0	0.5	3.2		D0	74S153	74S153	AIUC4	D4
				-4.0(0.10)/20.0(-1.0)			9.3					
IR40	3F02-15(17)	\	II	-0.80	0.2			I	93S48	93S48	IPAR	C1
	3F06-17	.1	II	-0.20	0.2	1.7		IN5	741S244	741S244	SPY1	B1
	3D16-07(09)	.1	IO	20.0	-1.0	4.5		Q1	25S09	25S09	IRFG	B4
	3C14-06(08)	.1	II	-2.0	0.5	4.8		D2	25S07	25S07	DSPCTI	B6
	3B15-03(05)	.1	II	-2.0	0.5	3.7		IN1	74S258	74S258	ACII	D4
	3B15-10(12)	.1	II	-2.0	0.5	.9		IN1	74S258	74S258	ACII	D4
	3B27-05(07)	!	II	-2.0	0.5	3.8		A2	93S46	93S46	ACII	B6
					-9.0(0.24)/20.0(-1.0)			26.9				
IR41	3F02-01(03)	\	II	-0.80	0.2			I	93S48	93S48	IPAR	C1
	3F06-15	.1	II	-0.20	0.2	2.1		IN6	741S244	741S244	SPY1	B1
	3D16-02(04)	.1	IO	20.0	-1.0	4.1		Q0	25S09	25S09	IRFG	B4
	3C14-11(13)	.1	II	-2.0	0.5	4.4		D3	25S07	25S07	DSPCTI	B6
	3B15-13(15)	.1	II	-2.0	0.5	3.7		IN1	74S258	74S258	ACII	D4
	3B15-06(08)	.1	II	-2.0	0.5	.8		IN1	74S258	74S258	ACII	D4
	3B27-10(12)	!	II	2.0	0.5	4.3		A3	93S46	93S46	ACII	B6
				-9.0(0.24)/20.0(-1.0)			26.9					
IR42	3D07-15(17)	.	IO	20.0	-1.0			Q3	25S09	25S09	IRFG	B3
	3F02-02(04)	.1	II	-0.80	0.2	3.1		I	93S48	93S48	IPAR	C1
	3F07-04(07)	.1	IIIS	-2.0	0.5	1.8			74S00	74S00	CONTRI	B3
	3F06-13	!	II	-0.20	0.2	1.3		IN7	741S244	741S244	SPY1	B1
				-3.0(0.9)/20.0(-1.0)			9.2					

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	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IR43	3F06-11	.	TI	-0.20	0.2		IN8	741S244	741S244	SPY1	B1
	3F07-03(05)	1.	TI	-0.80	0.2	2.2	I	93S48	93S48	IPAR	C1
	3D07-10(12)	.1	IO	20.0	-1.0	3.3	Q2	25S09	25S09	IRFG	B3
	3D05-02(04)	1	TI	-2.0	0.5	2.9	1A	74S139	74S139	SOURCE	B1
				-3.0(0.9)/20.0(-1.0)		11.4					
IR44	3F06-08	.	TI	-0.20	0.2		IN4	741S244	741S244	SPY1	B1
	3F07-04(06)	1.	TI	-0.80	0.2	1.8	I	93S48	93S48	IPAR	C1
	3D07-07(09)	.1	IO	20.0	-1.0	3.5	Q1	25S09	25S09	IRFG	B3
	3D05-03(05)	1	TI	-2.0	0.5	2.6	1B	74S139	74S139	SOURCE	B1
				-3.0(0.9)/20.0(-1.0)		10.9					
IR45	3D07-02(04)	.	IO	20.0	-1.0		Q0	25S09	25S09	IRFG	B3
	3F07-05(07)	1.	TI	-0.80	0.2	3.3	I	93S48	93S48	IPAR	C1
	3F07-01(04)	.1	IIS	-2.0	0.5	1.2		74S00	74S00	FLAG	A7
	3F06-06	1	TI	-0.20	0.2	1.0	IN3	741S244	741S244	SPY1	B1
				-3.0(0.9)/20.0(-1.0)		8.5					
IR46	3D06-15(17)	.	IO	20.0	-1.0		Q3	25S09	25S09	IRFG	B2
	3F07-06(08)	1.	TI	-0.80	0.2	2.5	I	93S48	93S48	IPAR	C1
	3F06-04	.1	TI	-0.20	0.2	1.3	IN2	741S244	741S244	SPY1	B1
	3F11-13(16)	1	IIS	-2.0	0.5	1.7		74S00	74S00	FLAG	A7
				-3.0(0.9)/20.0(-1.0)		8.5					
IR47	3F06-02	\	TI	-0.20	0.2		IN1	741S244	741S244	SPY1	B1
	3F07-07(09)	.1	TI	-0.80	0.2	1.1	I	93S48	93S48	IPAR	C1
	3D06-10(12)	1	IO	20.0	-1.0	2.6	Q2	25S09	25S09	IRFG	B2
				-1.0(0.4)/20.0(-1.0)		5.2					
IR48	3F22-15(17)	\	TI	-0.80	0.2		I	93S48	93S48	IPAR	C8
	3F16-06	.1	TI	-0.20	0.2	3.1	IN3	741S244	741S244	SPY2	B8
	3D06-07(09)	1	IO	20.0	-1.0	3.8	Q1	25S09	25S09	IRFG	B2
				-1.0(0.4)/20.0(-1.0)		8.4					
IR5	2F22-10(12)	.	TI	-1.0	0.10		A0	5610	5610	DSPCTL	D1
	3F01-06	1.	TI	-0.20	0.2	4.7	IN3	741S244	741S244	SPY1	B8
	3F14-09(12)	.1	IIS	-2.0	0.5	3.2		74S08	74S08	FLAG	D5
	3F14-05(08)	1.	IIS	-2.0	0.5	.8		74S08	74S08	FLAG	C5
	3F14-02(05)	.1	IIS	-2.0	0.5	.7		74S08	74S08	FLAG	C5
	3F04-01(03)	1.	TI	-0.80	0.2	2.8	I	93S48	93S48	IPAR	C6
	2F25-05(07)	.1	TI	-2.0	0.5	3.8	A0	74S283	74S283	SMCII	D7
	3C03-10(12)	1.	IO	20.0	-1.0	6.1	Q2	25S09	25S09	IRFG	D7
	2B17-10(12)	.1	TI	-2.0	0.5	5.7	D0	74S153	74S153	AIUC4	D5
	2C10-02(05)	1	TI	-2.0	0.5	3.2		74S02	74S02	AIUC4	A7
					-14.0(0.44)/20.0(-1.0)		43.0				OVERLOADED
IR6	3F24-05(08)	.	IIS	-2.0	0.5			74S08	74S08	CONTRL	A3
	3F24-12(15)	1.	IIS	-2.0	0.5	.8		74S08	74S08	CONTRL	A3
	3F20-05(08)	.1	TI	-2.0	0.5	2.6		74S04	74S04A	CONTRL	A1
	3F04-02(04)	1.	TI	-0.80	0.2	4.8	I	93S48	93S48	IPAR	C6
	3F01-04	.1	TI	-0.20	0.2	1.9	IN2	741S244	741S244	SPY1	B8
	2F22-11(13)	1.	TI	-1.0	0.10	4.6	A1	5610	5610	DSPCTL	D1
	2F25-03(05)	.1	TI	-2.0	0.5	5.0	A1	74S283	74S283	SMCII	D7
	3C03-07(09)	1.	IO	20.0	-1.0	6.5	Q1	25S09	25S09	IRFG	D7
	2B17-06(08)	.1	TI	-2.0	0.5	5.8	D0	74S153	74S153	AIUC4	D5
	2C10-06(09)	1	TI	-2.0	0.5	2.9		74S02	74S02	AIUC4	A4
				-14.0(0.44)/20.0(-1.0)		46.9				OVERLOADED	2
-IR6	3F25-12(15)	.	IIS	-2.0	0.5			74S64	74S64	CONTRL	D6
	3F28-05(08)	1.	IIS	-2.0	0.5	1.9		74S64	74S64	CONTRL	C4
	3F27-05(08)	.1	IIS	-2.0	0.5	.9		74S64	74S64	CONTRL	D3
	3F26-12(15)	1.	IIS	-2.0	0.5	1.3		74S64	74S64	CONTRL	C6
	3F30-12(15)	.1	IIS	-2.0	0.5	1.1		74S64	74S64	CONTRL	D4
				-10.0(0.25)/20.0(-1.0)		13.6					

CADR PROCESSOR
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	LOC(PIN#)	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS		
IR7	3F25-04(07)	.	IIS	-2.0	0.5				74S64	74S64	CONTRL	D6	
	3F25-01(04)	!	IIS	-2.0	0.5	.7			74S64	74S64	CONTRL	D6	
	3I04-03(05)	!	II	-0.80	0.2	4.8	I		93S48	93S48	IPAR	C6	
	3F01-02	!	II	-0.20	0.2	2.0	IN1		74LS244	74LS244	SPY1	B8	
	2F22-12(14)	!	II	-1.0	0.10	4.5	A2		5610	5610	DSPCII	D1	
	2F25-14(16)	!	II	-2.0	0.5	4.7	A2		74S283	74S283	SMCII	D7	
	3C03-02(04)	!	IO	20.0	-1.0	6.4	Q0		25S09	25S09	IREG	D7	
	2B18-06(08)	!	II	-2.0	0.5	5.6	D0		74S153	74S153	AIUC4	D6	
												-10.0(0.34)/20.0(-1.0) 37.7	
IR8	3I24-09(12)	\	IIS	-2.0	0.5				74S08	74S08	CONTRL	A3	
	3I29-04(07)	!	IIS	-2.0	0.5	1.4			74S11	74S11	CONTRL	B3	
	3I26-11(14)	!	IIS	-2.0	0.5	2.2			74S64	74S64	CONTRL	C6	
	3I20-03(06)	!	II	-2.0	0.5	2.8			74S04	74S04A	CONTRL	A1	
	3F14-02(05)	!	II	-2.0	0.5	1.7			74S02	74S02	DSPCII	A5	
	3F03-17	!	II	-0.20	0.2	3.4	IN5		74LS244	74LS244	SPY1	B7	
	3I04-04(06)	!	II	-0.80	0.2	1.3	I		93S48	93S48	IPAR	C6	
	3D02-12(15)	!	IIS	-2.0	0.5	1.8			74S00	74S00	SOURCE	D1	
	3C02-15(17)	!	IO	20.0	-1.0	3.2	Q3		25S09	25S09	IREG	D5	
	2F25-12(14)	!	II	-2.0	0.5	5.6	A3		74S283	74S283	SMCII	D7	
	2F23-08	!	II	-0.40	0.5	3.9	IN4		74S241	74S241	DRAM1	D3	
												-15.40(0.44)/20.0(-1.0) 40.8	
												OVERLOADED 2	
-IR8	3F20-04(07)	.	IO	20.0	-1.0				74S04	74S04A	CONTRL	A1	
	3F29-01(04)	!	IIS	-2.0	0.5	3.4			74S11	74S11	CONTRL	B3	
												-2.0(0.5)/20.0(-1.0)	
IR8B	2F23-12	.	IOI	64.0	-15.0		OU14		74S241	74S241	DRAM1	D3	
	2F24-10(13)	!	IIS	-2.0	0.5	1.0			74S64	74S64	DRAM0	D1	
	2F05-10(13)	!	IIS	-2.0	0.5	4.9			74S64	74S64	DRAM1	D1	
	2I01-10(13)	!	IIS	-2.0	0.5	2.4			74S64	74S64	DRAM2	D1	
												-6.0(0.15)/64.0(-15.0) 11.3	
IR9	3C02-10(12)	.	IO	20.0	-1.0		Q2		25S09	25S09	IREG	D5	
	3F29-05(08)	!	IIS	-2.0	0.5	7.2			74S11	74S11	CONTRL	B3	
	3F29-13(16)	!	IIS	-2.0	0.5	.9			74S11	74S11	CONTRL	B3	
	3I14-03(06)	!	II	-2.0	0.5	4.4			74S02	74S02	DSPCII	A5	
	3I04-05(07)	!	II	-0.80	0.2	3.9	I		93S48	93S48	IPAR	C6	
	3I03-15	!	II	-0.20	0.2	1.3	IN6		74LS244	74LS244	SPY1	B7	
	2F23-11	!	II	-0.40	0.5	4.7	IN8		74S241	74S241	DRAM1	D3	
	2F10-05(07)	!	II	-2.0	0.5	5.8	A0		74S283	74S283	SMCII	B7	
												-9.40(0.29)/20.0(-1.0) 37.2	
IR9B	2F23-09	.	IOI	64.0	-15.0		OU18		74S241	74S241	DRAM1	D3	
	2F24-03(06)	!	IIS	-2.0	0.5	1.0			74S64	74S64	DRAM0	D1	
	2F05-03(06)	!	IIS	-2.0	0.5	4.9			74S64	74S64	DRAM1	D1	
	2I01-03(06)	!	IIS	-2.0	0.5	2.4			74S64	74S64	DRAM2	D1	
												-6.0(0.15)/64.0(-15.0) 11.3	
IRAIU	3D03-12(15)	.	IO	20.0	-1.0				74S04	74S04A	SOURCE	B7	
	3D02-13(16)	!	IIS	-2.0	0.5	1.0			74S00	74S00	SOURCE	D1	
												-2.0(0.5)/20.0(-1.0)	
-IRAIU	2D21-03(06)	\	II	-1.60	0.4				7428	7428	AIUC4	C2	
	2D21-06(09)	!	II	-1.60	0.4	.7			7428	7428	AIUC4	C2	
	2D21-11(14)	!	II	-1.60	0.4	.8			7428	7428	AIUC4	D2	
	2D21-08(11)	!	II	-1.60	0.4	.7			7428	7428	AIUC4	C2	
	3D02-04(07)	!	IIS	-2.0	0.5	3.9			74S00	74S000	SOURCE	D7	
	3D03-13(16)	!	II	-2.0	0.5	.7			74S04	74S04A	SOURCE	B7	
	3D05-04(06)	!	IO	20.0	-1.0	1.8	1Y0		74S139	74S139	SOURCE	B1	
	2B19-08(11)	!	II	-1.60	0.4	6.8			7428	7428	QCII	D2	
	2B19-11(14)	!	II	-1.60	0.4	.7			7428	7428	QCII	D2	
													-13.60(0.34)/20.0(-1.0) 26.6
													OVERLOADED 2

CADR PROC FSSOR
SIGNAL NAME

CADRWD:CADR4 WLR 29-FEB-80 2103

	LOC(PIN#)	Z	TYPE	LOW	HII	INCHES	USE	DIPIYF	BODY	FILE	POS	
-IRBYIF	3D02-05(08)	.	IIS	-2.0	0.5				74S00	74S000	SOURCE	D7
	3D05-07(09)	!	IO	20.0	-1.0	2.0	1Y3	74S139	74S139	SOURCE	B1	
	2D20-05(08)	!	II	-2.0	0.5	5.3		74S02	74S02	SMCTL	D1	
	2D20-02(05)	!	II	-2.0	0.5	.7		74S02	74S02	SMCTL	B1	
				-6.0(0.15)/20.0(-1.0)			11.0					
IRDISP	4D09-13(16)	.	IIS	-2.0	0.5				74S08	74S08	ICC	D1
	4D06-01(04)	!	IIS	-2.0	0.5	1.7			74S08	74S08	LPC	D1
	3F24-01(04)	!	IIS	-2.0	0.5	5.4			74S08	74S08	CONTRI	B1
	3D03-08(11)	!	IO	20.0	-1.0	4.7			74S04	74S04A	SOURCE	B7
				-6.0(0.15)/20.0(-1.0)			14.8					
-IRDISP	3F14-05(08)	.	II	-2.0	0.5				74S02	74S020	DSPCH	B4
	3F18-01(04)	!	II	-2.0	0.5	2.8	IN		74S32	74S320	CONTRI	B1
	3D03-09(12)	!	II	-2.0	0.5	4.1			74S04	74S04A	SOURCE	B7
	3D05-06(08)	!	IO	20.0	-1.0	1.8	1Y2		74S139	74S139	SOURCE	B1
	3C14-01(03)	!	II	-2.0	0.5	3.2	-FNB		25S07	25S07	DSPCH	B6
	3C15-01(03)	!	II	-2.0	0.5	.9	-FNB		25S07	25S07	DSPCH	B8
				-10.0(0.25)/20.0(-1.0)			18.8					
IRJUMP	2B18-12(14)	.	II	-2.0	0.5		D2		74S153	74S153	AIUC4	D6
	3D03-10(13)	!	IO	20.0	-1.0	7.7			74S04	74S04A	SOURCE	B7
	3F25-13(16)	!	IIS	-2.0	0.5	4.9			74S64	74S64	CONTRI	D6
	3F24-04(07)	!	IIS	-2.0	0.5	.7			74S08	74S08	CONTRI	A3
	3F29-02(05)	!	IIS	-2.0	0.5	1.3			74S11	74S11	CONTRI	B3
	3F29-03(06)	!	IIS	-2.0	0.5	BARF			74S11	74S11	CONTRI	B3
	3F27-06(09)	!	IIS	-2.0	0.5	1.5			74S64	74S64	CONTRI	D3
	3F26-13(16)	!	IIS	-2.0	0.5	1.3			74S64	74S64	CONTRI	C6
				-14.0(0.35)/20.0(-1.0)			26.5				OVERLOADED	2
-IRJUMP	3D03-11(14)	\	II	-2.0	0.5				74S04	74S04A	SOURCE	B7
	3D05-05(07)	!	IO	20.0	-1.0	1.7	1Y1		74S139	74S139	SOURCE	B1
	2C20-05(08)	!	IIS	-2.0	0.5	5.9			74S20	74S200	AIUC4	B8
				-4.0(0.10)/20.0(-1.0)			9.1					
IWR0	4CJ1-01	.					CON			CPINS	C6	
	4B06-19	!	IOI	20.0	-6.50	2.4	Q7		74S374	74S374	IWR	D8
				0.0/20.0								
IWR1	4CJ1-02	.					CON			CPINS	C6	
	4B06-16	!	IOI	20.0	-6.50	2.8	Q6		74S374	74S374	IWR	D8
				0.0/20.0								
IWR10	4CJ1-11	.					CON			CPINS	D6	
	4B01-15	!	IOI	20.0	-6.50	2.4	Q5		74S374	74S374	IWR	D6
				0.0/20.0								
IWR11	4CJ1-12	.					CON			CPINS	D6	
	4B01-12	!	IOI	20.0	-6.50	2.7	Q4		74S374	74S374	IWR	D6
				0.0/20.0								
IWR12	4CJ1-13	.					CON			CPINS	D6	
	4B01-09	!	IOI	20.0	-6.50	3.0	Q3		74S374	74S374	IWR	D6
				0.0/20.0								
IWR13	4CJ1-14	.					CON			CPINS	D6	
	4B01-06	!	IOI	20.0	-6.50	3.0	Q2		74S374	74S374	IWR	D6
				0.0/20.0								
IWR14	4CJ1-15	.					CON			CPINS	D6	
	4B01-05	!	IOI	20.0	-6.50	3.0	Q1		74S374	74S374	IWR	D6
				0.0/20.0								

CADR PROCTSSOR
SIGNAL NAME
LOC(PIN#)

CADRWD;CADR4 WLR 29-FEB-80 2103

	Z	TYPE	LOW	HI	INCHES	USE	DIPTYPE	BODY	FILE	POS
IWR15 4CJ1-16 4B01-02	1	10I	20.0 0.0/20.0	-6.50	3.0	CON Q0	74S374	CPINS 74S374	D6 IWR	D6
IWR16 4CJ1-17 4C05-19	1	10I	20.0 0.0/20.0	-6.50	2.1	CON Q7	74S374	CPINS 74S374	D6 IWR	D5
IWR17 4CJ1-18 4C05-16	1	10I	20.0 0.0/20.0	-6.50	2.4	CON Q6	74S374	CPINS 74S374	D6 IWR	D5
IWR18 4CJ1-19 4C05-15	1	10I	20.0 0.0/20.0	-6.50	2.5	CON Q5	74S374	CPINS 74S374	D6 IWR	D5
IWR19 4CJ1-20 4C05-12	1	10I	20.0 0.0/20.0	-6.50	2.8	CON Q4	74S374	CPINS 74S374	D6 IWR	D5
IWR2 4CJ1-03 4B06-15	1	10I	20.0 0.0/20.0	-6.50	2.9	CON Q5	74S374	CPINS 74S374	C6 IWR	D8
IWR20 4BJ1-01 4C05-09	1	10I	20.0 0.0/20.0	-6.50	3.4	CON Q3	74S374	CPINS 74S374	A6 IWR	D5
IWR21 4BJ1-02 4C05 06	1	10I	20.0 0.0/20.0	-6.50	3.1	CON Q2	74S374	CPINS 74S374	A6 IWR	D5
IWR22 4BJ1-03 4C05-05	1	10I	20.0 0.0/20.0	-6.50	3.0	CON Q1	74S374	CPINS 74S374	A6 IWR	D5
IWR23 4BJ1-04 4C05-02	1	10I	20.0 0.0/20.0	-6.50	2.8	CON Q0	74S374	CPINS 74S374	A6 IWR	D5
IWR24 4BJ1-05 4C04-19	1	10I	20.0 0.0/20.0	-6.50	3.5	CON Q7	74S374	CPINS 74S374	A6 IWR	D4
IWR25 4BJ1-06 4C04-16	1	10I	20.0 0.0/20.0	-6.50	3.5	CON Q6	74S374	CPINS 74S374	A6 IWR	D4
IWR26 4BJ1-07 4C04-15	1	10I	20.0 0.0/20.0	-6.50	3.4	CON Q5	74S374	CPINS 74S374	A6 IWR	D4
IWR27 4BJ1-08 4C04-12	1	10I	20.0 0.0/20.0	-6.50	3.5	CON Q4	74S374	CPINS 74S374	A6 IWR	D4
IWR28 4BJ1-09 4C04-09	1	10I	20.0 0.0/20.0	-6.50	3.1	CON Q3	74S374	CPINS 74S374	A6 IWR	D4
IWR29 4BJ1-10 4C04-06	1	10I	20.0 0.0/20.0	-6.50	2.9	CON Q2	74S374	CPINS 74S374	A6 IWR	D4

CADR PROCESSOR		CADRWD;CADR4 WIR			29-FEB-80 2103						
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIPIYPE	BODY	FILE	POS
	LOC(PIN#)										
IWR3	4CJ1-04 4B06-12	.	101	20.0 0.0/20.0	-6.50	3.2	CON Q4	74S374	CPINS 74S374	C6 IWR	D8
IWR30	4BJ1-11 4C04-05	.	101	20.0 0.0/20.0	-6.50	2.7	CON Q1	74S374	CPINS 74S374	B6 IWR	D4
IWR31	4BJ1-12 4C04-02	.	101	20.0 0.0/20.0	-6.50	2.5	CON Q0	74S374	CPINS 74S374	B6 IWR	D4
IWR32	3FJ1-01 1F14-19	.	101	20.0 0.0/20.0	-6.50	13.9	CON Q7	74S374	CPINS 74S374	C4 IWR	D2
IWR33	3FJ1-02 1F14-16	.	101	20.0 0.0/20.0	-6.50	13.6	CON Q6	74S374	CPINS 74S374	C4 IWR	D2
IWR34	3FJ1-03 1F14-15	.	101	20.0 0.0/20.0	-6.50	13.5	CON Q5	74S374	CPINS 74S374	C4 IWR	D2
IWR35	3FJ1-04 1F14-12	.	101	20.0 0.0/20.0	-6.50	13.2	CON Q4	74S374	CPINS 74S374	C4 IWR	D2
IWR36	3FJ1-05 1F14-09	.	101	20.0 0.0/20.0	-6.50	13.2	CON Q3	74S374	CPINS 74S374	C4 IWR	D2
IWR37	3FJ1-06 1F14-06	.	101	20.0 0.0/20.0	-6.50	13.5	CON Q2	74S374	CPINS 74S374	C4 IWR	D2
IWR38	3FJ1-07 1F14-05	.	101	20.0 0.0/20.0	-6.50	13.6	CON Q1	74S374	CPINS 74S374	C4 IWR	D2
IWR39	3FJ1-08 1F14-02	.	101	20.0 0.0/20.0	-6.50	13.9	CON Q0	74S374	CPINS 74S374	C4 IWR	D2
IWR4	4CJ1-05 4B06-09	.	101	20.0 0.0/20.0	-6.50	3.4	CON Q3	74S374	CPINS 74S374	C6 IWR	D8
IWR40	3FJ1-09 1F12-19	.	101	20.0 0.0/20.0	-6.50	13.9	CON Q7	74S374	CPINS 74S374	C4 IWR	D1
IWR41	3FJ1-10 1F12-16	.	101	20.0 0.0/20.0	-6.50	13.6	CON Q6	74S374	CPINS 74S374	C4 IWR	D1
IWR42	3FJ1-11 1F12-15	.	101	20.0 0.0/20.0	-6.50	13.5	CON Q5	74S374	CPINS 74S374	D4 IWR	D1
IWR43	3FJ1-12 1F12-12	.	101	20.0 0.0/20.0	-6.50	13.2	CON Q4	74S374	CPINS 74S374	D4 IWR	D1

CADR PROCESSOR		CADRWD;CADR4 WLR		29-FEB-80 2103							
SIGNAL	NAME	Z	TYPE	LOW	HI	INCHES	USE	DIP TYPE	BODY	FILE	POS
	LOC(PIN#)										
IWR44	3FJ1-13 1F12-09	.	IOT	20.0	-6.50	13.2	CON Q3	74S374	CPINS 74S374	D4 IWR	D1
		I		0.0/20.0							
IWR45	3FJ1-14 1F12-06	.	IOT	20.0	-6.50	13.5	CON Q2	74S374	CPINS 74S374	D4 IWR	D1
		I		0.0/20.0							
IWR46	3FJ1-15 1F12-05	.	IOT	20.0	-6.50	13.6	CON Q1	74S374	CPINS 74S374	D4 IWR	D1
		I		0.0/20.0							
IWR47	3FJ1-16 1F12-02	.	IOT	20.0	-6.50	13.9	CON Q0	74S374	CPINS 74S374	D4 IWR	D1
		I		0.0/20.0							
IWR5	4CJ1-06 4B06-06	.	IOT	20.0	-6.50	3.1	CON Q2	74S374	CPINS 74S374	C6 IWR	D8
		I		0.0/20.0							
IWR6	4CJ1-07 4B06-05	.	IOT	20.0	-6.50	3.1	CON Q1	74S374	CPINS 74S374	C6 IWR	D8
		I		0.0/20.0							
IWR7	4CJ1-08 4B06-02	.	IOT	20.0	-6.50	2.9	CON Q0	74S374	CPINS 74S374	C6 IWR	D8
		I		0.0/20.0							
IWR8	4CJ1-09 4B01-19	.	IOT	20.0	-6.50	2.1	CON Q7	74S374	CPINS 74S374	C6 IWR	D6
		I		0.0/20.0							
IWR9	4CJ1-10 4B01-16	.	IOT	20.0	-6.50	2.3	CON Q6	74S374	CPINS 74S374	C6 IWR	D6
		I		0.0/20.0							
IWR11F	3F29-06(09) 3D26-13(15)	.	IO	20.0	-1.0			74S11	74S11	CONTRL	B3
		I	II	-2.0	0.5	1.4	4D	74S175	74S175	CONTRL	D1
				-2.0(0.5)/20.0(-1.0)							
IWR11FD	3F15-11 3F25-10(13) 3D26-15(17)	\	II	-0.20	0.2		IN8	74S244	74S244	SPY?	B7
		.I	IIS	-2.0	0.5	3.8	4Q	74S64	74S64	CONTRL	D6
		I	IO	20.0	-1.0	1.4	4Q	74S175	74S175	CONTRL	D1
				-2.20(0.7)/20.0(-1.0)		6.7					
-IWR11FD	3F05-05(08) 3D21-05(08) 3D26-14(16) 4FJ1-16	.	IIS	-2.0	0.5			74S08	74S080	SOURCE	B7
		I	IIS	-2.0	0.5	4.9		74S08	74S080	CONTRL	C3
		.I	IO	20.0	-1.0	1.3	-4Q	74S175	74S175	CONTRL	D1
		I	CON					CPINS	B8		
				-4.0(0.10)/20.0(-1.0)		12.2					
JCALF	3F26-03(06) 3F24-08(11)	.	IIS	-2.0	0.5			74S64	74S64	CONTRL	C6
		I	IO	20.0	-1.0	1.8		74S08	74S08	CONTRL	A3
				-2.0(0.5)/20.0(-1.0)							
JCOND	3F13-05(07) 3F16-13 3F30-11(14) 3F26-01(04) 3F27-04(07) 3F28-04(07) 3E25-11(14)	\	IO	20.0	-1.0		OUI	74S151	74S151	FLAG	D7
		.I	II	-0.20	0.2	2.2	IN7	74S244	74S244	SPY?	B8
		I	IIS	-2.0	0.5	2.7		74S64	74S64	CONTRL	D4
		.I	IIS	-2.0	0.5	1.5		74S64	74S64	CONTRL	C6
		I	IIS	-2.0	0.5	1.0		74S64	74S64	CONTRL	D3
		.I	IIS	-2.0	0.5	.9		74S64	74S64	CONTRL	C4
		I	IIS	-2.0	0.5	1.8		74S64	74S64	CONTRL	D6
				-10.20(0.27)/20.0(-1.0)		17.6					