

| ITEM NO | DESCRIPTION | PRICE |
|---|--|-------|
| BOOKS (allow 30 days for delivery) | | |
| INTEL | INTEL 8080 MICROCOMPUTER SYSTEM USER'S MANUAL Contains complete specifications and data sheets on Intel 8080A and all associated Intel memory and peripheral chips. Also includes preliminary specs on 'coming' Intel chips; 157 pages. | \$ 6 |
| INVOLI | INTRODUCTION TO MICROCOMPUTERS VOL. I In our opinion, the best basic microcomputer book published to date | 8.50 |
| INVOLII | INTRODUCTION TO MICROCOMPUTERS VOL. II Describes more than 20 microprocessor families | 13.50 |
| IMSAI | IMSAI 8080 USER'S MANUAL | 50 |
| TTL | THE T.I.TTL HANDBOOK Contains complete electrical specifications for 7400 TTL. This is the TTL 'Bible'; 640 pages. | 6 |
| TTLSU | SUPPLEMENT TO TTL HANDBOOK Adds more 7400 series descriptions; 400 pages | 5 |
| PIN | PINOUT HANDBOOK Covers the entire 5400/7400 series D.I.P.C.'s connections, functional specifications cross-reference. | 5 |
| BASICP | BASIC-PLUS LANGUAGE MANUAL | 17 |
| CAT | IMSAI 8080 MICROPROCESSOR SYSTEM ILLUSTRATED CATALOG | 1 |
| 8080P | 8080 PROGRAMMING FOR LOGIC DESIGN How to implement digital and combinatorial logic using assembly language software within an 8080 microcomputer system. | 8.50 |
| WHAT | WHAT TO DO AFTER YOU HIT RETURN A book of computer games | 8 |
| MY | MY COMPUTER LIKES ME WHEN I SPEAK IN BASIC An introduction to the BASIC language | 3.95 |
| BB | IMSAI INTELLIGENT BREADBOARD WORKBOOK Lab exercise workbook | 15 |
| HOW | HOW TO USE AN IMSAI 8080 MICROCOMPUTER (Available after 12/1/76) | 1.95 |
| INASM | INTEL 8080 ASSEMBLY LANGUAGE MANUAL How to program the 8080 in assembly language. | 12 |

IMSAI®

IMSAI Manufacturing Corp.
14860 Wicks Blvd., San Leandro, CA. 94577 U.S.A.
PHONE: (415) 483-2093; TWX: 910-366-7287

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November 1, 1976

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| ITEM NO | DESCRIPTION | KIT PRICE | ASSEMBLED PRICE | ITEM NO | DESCRIPTION | KIT PRICE | ASSEMBLED PRICE |
|---|--|-----------|-----------------|---|--|-----------|-----------------|
| PACKAGED SYSTEMS | | | | | | | |
| PKG-1 | Floppy Disk Development System The foundation for building a system with your own peripherals. Easily expanded. Includes I-8080, 8 EXPM, EXP-22, PIC-8, 4 RAM 4A-4, SIO 2-2, 2 CABLE A, CABLE C, FIF, FDC 2-2, DOS-A. | \$ 4,444 | \$ 5,856 | PIC-8 | Priority interrupt/interval clock board | \$ 125 | \$ 238 |
| PKG-2 | Floppy Disk Data Processing System Ready for your DP tasks with a full set of peripherals. Easily expanded. Includes I-8080, 10 EXPM, EXP-22, PIC-8, 4 RAM 4A-4, SIO 2-1, CABLE A, CABLE C, FIF, FDC 2-2, CRT-2480A, PTR-300A, LIF, DOS-A | 9,013 | 10,608 | EXT | Extender board | 39 | 49 |
| | | | | GP-88 | General purpose prototype board | 39 | 47 |
| BASIC COMPUTER SYSTEM | | | | MEMORIES | | | |
| I-8080 | Table top version of basic computer system | 599 | 931 | RAM 4A-4 | 4K bytes of random access static memory | 139 | 279 |
| I-8080-OEM | Table top version without front panel | 529 | 749 | MM02-1 | 1K bytes of chips for the discontinued RAM 4A-1 board | 33 | 57 |
| RM | Rack mount chassis (when purchased with basic computer system in lieu of table top cover) | 20 | 20 | PROM 4-4 | 4K bytes of EPROM on 4K board | 399 | 579 |
| BASIC COMPUTER SYSTEM OPTIONS AND COMPONENTS | | | | PROM 4-512 | 512 bytes of EPROM on 4K board | 165 | 247 |
| EXP-22 | Twenty-two slot mother board, when ordered with basic system | 52 | 52 | MM702-5 | 512 bytes of EPROM for the PROM 4-512 board | 50 | 69 |
| EXP-22 | Twenty-two slot mother board, when ordered without basic system | 65 | 65 | STANDARD INPUT/OUTPUT INTERFACES | | | |
| EXPM | Edge Connector and Guides | 7 | 15 | MIO | Multiple I/O Board (2 parallel, one serial, and one control ports and BYTE/TARBELL tape cassette interface) (order one to three CABLE A's and one CABLE M) | 195 | 350 |
| EXP-4 | Four slot mother board expansion | 18 | 18 | CABLE M | Two cassette recorder interface cables from MIO board to rear of chassis | 12 | 12 |
| CP-A | Front panel | 189 | 325 | PIO 4-1 | 1 port parallel I/O board (one PIO CABLE required) | 93 | 140 |
| PS-28 | Power supply (28 amp) | 100 | 179 | PIO 4-4 | 4 port parallel I/O board (one or two two PIO CABLES required) | 156 | 299 |
| FM | Cooling Fan | 29 | 39 | PIOM | 1 port parallel I/O module | 22 | 39 |
| DC | Table top cover | 50 | 50 | PIO CABLE | Cable from PIO 4-4 or PIO 4-1 to rear of chassis (one cable required for input, one for output) | 22 | 22 |
| MPU-A | Microprocessor board | 190 | 350 | SIO 2-1 | One channel serial I/O interface board (one CABLE A required) | 125 | 235 |
| | | | | SIO 2-2 | Two channel serial I/O interface board (one CABLE A required per channel) | 156 | 299 |
| | | | | SIOM | One channel serial I/O module | 47 | 69 |
| | | | | SIOC | Serial I/O clock piggyback board | 31 | 59 |

| ITEM NO | DESCRIPTION | KIT PRICE | ASSEMBLED PRICE | ITEM NO | DESCRIPTION | KIT PRICE | ASSEMBLED PRICE |
|---|---|-----------|-----------------|---|---|-----------|-----------------|
| STANDARD INPUT/OUTPUT INTERFACES (continued) | | | | VIDEO DISPLAY AND KEYBOARD TERMINALS | | | |
| PIO6-6 | Programmable 6-port parallel I/O board (requires two CABLE R and one CABLE S) | \$ 169 | \$ 279 | CRT-2480A | Video display/keyboard terminal and cable, 24 lines by 80 columns | \$ N/A | \$1,595 |
| PIO6-3 | Programmable 3-port parallel I/O board (requires one CABLE R and one CABLE S) | 139 | 239 | CRT-1280A | Video display/keyboard terminal and cable, 12 lines by 80 columns | N/A | 1,295 |
| PIO6M | Expansion module to convert a PIO6-3 to PIO6-6 | 54 | 90 | KEY-1 | Keyboard, upper case ASCII encoded, with cable and case (connects to a PIO 4-1, MIO or VDI-MCG) | N/A | 199 |
| CABLE A | 18" Cable with board edge connector | 18 | 18 | TV AND MONITOR INTERFACES | | | |
| CABLE R | Cable for 3 ports of a PIO6 board, 50 pin, from board to peripheral device, 5 feet | 35 | 35 | VDI-MCG | Color character and graphics generation boards | 699 | 1,199 |
| CABLE S | Cable for data and address lines from a PIO6 board, 26 pin, from board to peripheral device, 5 feet | 25 | 25 | VDI-MC | Color character generation boards | 499 | 849 |
| DISK DRIVES | | | | VDI-MG | Color graphics generation boards | 399 | 679 |
| FIF | Floppy disk drive interface when ordered with FDC 2-1 or 2-2 | 399 | 599 | VDI-C | Board to convert a VDI-MG to VDI-MCG | 300 | 550 |
| FIF | Floppy disk drive interface when ordered without FDC 2-1 or 2-2 | 599 | 799 | VDI-G | Board to convert a VDI-MC to VDI-MCG | 200 | 350 |
| FDC 2-2 | Two floppy disk drives and power supplies, phase lock loop, table top cabinet (one CABLE C required) | N/A | 2,390 | VDI-GAF | Alternate character circuit for fusible link proms | 69 | 119 |
| CABLE C | 4½' Cable with male 25 pin EIA connector at each end | 25 | 25 | VDI-GAE | Alternate character circuit for erasable proms | 69 | 119 |
| FDC 2-1 | One Floppy disk drive, power supply and phase lock loop in a 2-drive table top cabinet (one CABLE C required) | N/A | 1,295 | VDI-MF4 | Optional crystal for Channel 4 | 19 | 30 |
| FRM | Rack mount chassis for floppy disk drive cabinet (when purchased with FDC 2-1 or 2-2) | N/A | 20 | PRINTERS | | | |
| FDC | Floppy disk drive and power supply | N/A | 1,095 | PTR-30A | 30 cps HY Type 1 character printer and cable (requires PIO 4-4) | N/A | 2,895 |
| FDD | Floppy diskette | N/A | 15 | PTR-30A-TF | Printer as above with tractor feed | N/A | 3,220 |
| DISK-50 | 50 megabyte disk and interface | N/A | 12,500 | PTR-300A | 300 lpm line printer (80 characters per line) | N/A | 2,610 |
| DISK-80 | 80 megabyte disk and interface | N/A | 14,700 | PTR-300B | 300 lpm line printer (132 characters per line) | N/A | 3,656 |
| DISK-200 | 200 megabyte disk and interface | N/A | 24,500 | LIF | Line printer interface for printer PTR-300A or B when ordered with printer | 399 | 599 |
| HDIF | Hard disk interface | N/A | 3,900 | LIF | Line printer interface for printer PTR-300A or B when ordered without printer | 599 | 799 |
| | | | | AP-44 | 44 column, 55 cps serial printer and cable (requires PIO4-1 or MIO) | 399 | 549 |

| ITEM NO | DESCRIPTION | KIT PRICE | ASSEMBLED PRICE | ITEM NO | DESCRIPTION | PAPER TAPE | CASS-ETTE ¹ | EPROM ² | DISKETTE |
|--|--|-----------|-----------------|--|---|------------|------------------------|--------------------|----------|
| BREADBOARD | | | | SOFTWARE (Available only to owners of an IMSAI Basic Computer System) | | | | | |
| BBC-5 | Complete breadboard console (requires a PIO6-6, two CABLE R, one CABLE S) | \$ 435 | \$ 625 | PGM-1A | Self contained system (included at no charge with I-8080) | \$14 | \$20 | \$100 | \$ |
| BBC-3 | Smaller breadboard console (requires a PIO6-3 and one CABLE R) | 325 | 532 | PGM-2A | Tape cassette operating system (specify UCRI, BYTE or TARBELL standard) | | 20 | 100 | |
| BBCM | Module to convert a BBC-3 to a BBC-5 | 135 | 155 | PGM-4A | Bootstrap loader for paper tape | | | 15 | |
| BBC-Test Module | Tests a PIO6 and BBC | 169 | 279 | PGM-5A | Bootstrap loader for tape cassette (specify UCRI, BYTE or TARBELL standard) | | | 15 | |
| MULTIPROCESSING AND SHARED MEMORY (All configurations must be reviewed by factory) | | | | PGM-6A | Advanced self contained system (includes source listing) | 40 | | 200 | |
| SMS | Port Access Board | 325 | 399 | BASIC-4A | 4K Basic (includes source listing) | 14 | 30 | 100 | |
| SMC | Port Timing Board | 225 | 305 | BASIC-8A | 8K Basic (includes source listing) | 28 | 40 | 200 | |
| SMB | Bus Board (order one per processor) | 30 | 50 | DOS-A | Floppy disk operating system with assembler and commercial extended Basic. Includes diskette. | | | | 50 |
| SMT | Terminator Board | 135 | 180 | NOTES: 1) A tape cassette is included in the price of the cassette software. Specify UCRI, BYTE, or TARBELL standard. BYTE and TARBELL available after 12/1/76. 2) Order PROM 4-512 for PGM-4A and PGM-5A; order correct number of PROM 4-4 for other EPROM software. | | | | | |
| CABLE H | Cable between Bus Board and Shared Memory Boards (order one per processor) | 45 | 45 | | | | | | |
| SOCKET SETS | | | | <i>(Con't)</i> | | | | | |
| Order sets SOC-MPU-A and SOC-CP-A for an I-8080 | | | | | | | | | |
| Order sets SOC-VDI-M, SOC-VDI-G, SOC-VDI-C for the VDI-MCG | | | | | | | | | |
| SOC-CP-A | CP-A board (front panel) | 11 | 16 | | | | | | |
| SOC-MPU-A | MPU-A board (processor board) | 8 | 12 | | | | | | |
| SOC-RAM 4A-4 | RAM 4A-4 board (memory) | 22 | 33 | | | | | | |
| SOC-PIC-8 | PIC-8 board | 6 | 10 | | | | | | |
| SOC-PROM 4-4 | PROM 4-4 board | 4 | 6 | | | | | | |
| SOC-PIO 4-4 | PIO 4-4 board | 11 | 17 | | | | | | |
| SOC-SIO 2-2 | SIO 2-2 board | 12 | 18 | | | | | | |
| SOC-SIOC | SIOC board | 3 | 5 | | | | | | |
| SOC-VDI-M | VDI-M board (master) | 26 | 40 | | | | | | |
| SOC-VDI-G | VDI-G board (graphics) | 24 | 36 | | | | | | |
| SOC-VDI-C | VDI-C board (character) | 26 | 40 | | | | | | |
| SOC-MIO | MIO board | 24 | 36 | | | | | | |
| SOC-PIO 6-6 | PIO 6-6 board | 9 | 14 | | | | | | |