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REVISION HISTORY

Table 2. Erase Unit Header

Offset	Field	Sz	Description	Example: 4-Meg F008-based Card	
				HEX	Comments

3.2 Block Allocation Information

Each Erase Unit keeps allocation information about every Read/Write block in the Erase Unit. Every Read/Write block has a 4-byte value tracking its current state. A Read/Write block in an Erase Unit is either deleted, bad, free, or allocated at any given time. Read/Write blocks store four types of data: FTL Control

Table 3. Block Allocation Information

32-Bit BAM Entry	Meaning	Description
0xFFFFFFFF	Free	Read/Write block is available for writing.
0xFFFFFFE or 0x00000000	Deleted	Data in block is invalid. This Read/Write block must be erased before it may be reused. The value 0xFFFFFFFE indicates that a write operation on this block was interrupted before completion. The value 0x00000000 (all bits programmed) indicates that the data in this block is obsolete.Ba5391on on this

EUH struct – Erase Unit Header Structure (Continued)

Offset	Size	Field	Description
36	WORD	NumVMPages	Total number of VBM pages.
38	BYTE	Flags	Special bit-mapped flags indicating checksum, block allocation information, and flash polarity.

APPENDIX C
FTL AVAILABILITY

M-System TrueFFS* *(v3.2 and up are FTL)*

M-Systems, Inc.
4655 Old Ironsides Drive
Suite 290
Santa Clara, CA 95054
Tel: (408) 654-5820
Fax: (408) 654-9107
email: info@ccm.msyscal.com
WWW: http://www.m-sys.com

M-Systems, Ltd
Atidim Industrial Park
P.O. Box 58036
Tel Aviv, Israel 61580
Tel: 972-3-647-7776
Fax: 972-3-647-6668
email: info@msys.co.il
WWW: http://www.m-sys.com

SCM SwapFTL* *(v3.0 and up are FTL)*

SCM Microsystems, Inc.
4655 Old Ironsides Drive
131 Albright Way.
Los Gatos, CA 95030
Tel: (408) 370-4888
FAX: (408) 370-4880
email: pccard@scmmicro.com
WWW: http://www.scmmicro.com

SCM Microsystems, GmbH
Muhlhauser Str. 2
Erfurt D-99092, Germany

Tel: (49) 361-66-4870
FAX: (49) 361-211-3515
email: pccard@scmmicro.com
WWW: http://www.scmmicro.com

APPENDIX D
ADDITIONAL INFORMATION

Related Documents

PC Card Standard