

FFD™ 2.5" Ultra-Wide/Narrow SCSI

End of Life, May 2006

Description

msystems is announcing the End of Life (EOL) of the following products:

EOL Product		Recommended Replacement	
Product Name	Ordering Info	Product Name	Ordering Info
FFD 2.5" Ultra-Wide SCSI 80-pin	FFD25US-CCCC-T-P80-B	FFD 3.5" Ultra320 SCSI 80-pin	FFD35-U3S-CCC-T-P80-P
FFD 2.5" Ultra-Narrow SCSI 50-pin	FFD25US-CCCC-T-P50-H	FFD 3.5" Ultra320 SCSI 50-pin	FFD35-U3S-CCC-T-P50-P

Note: In the ordering info, CCCCC=density (in MB), CCC=density (in GB), T=operating temperature, H=case height (as B, C, D, F), P=RoHS compliant product

Reason for EOL

The FFD 2.5" Ultra-Wide SCSI and FFD 2.5" Ultra-Narrow SCSI products are being discontinued due to market requirements for supporting higher burst speed, faster sustained read/write rates and higher disk densities in a slimmer casing:

Parameter	FFD 2.5" Ultra-Wide SCSI 80-pin	FFD 3.5" Ultra320 SCSI 80-pin
Form Factor	2.5"	3.5"
Disk density	1,024MB - 3,072MB	1GB - 352GB
Burst rate	40MB/s	320MB/s
Sustained read rate	28MB/s	40MB/s
Sustained write rate	12MB/s	40MB/s
Case height	11.5mm	12.7mm (0.5-inch) up to 128GB 25.4mm (1-inch) up to 352GB

Parameter	FFD 2.5" Ultra-Narrow SCSI 50-pin	FFD 3.5" Ultra320 SCSI 50-pin
Form Factor	2.5"	3.5"
Disk density	512MB - 15,360MB	1GB - 352GB
Burst rate	20MB/s	40MB/s
Sustained read rate	17MB/s	30MB/s
Sustained write rate	11.5MB/s	30MB/s
Case height	11.3mm, 14.5mm, 18.5mm, 26.6mm	12.7mm (0.5-inch) up to 128GB 25.4mm (1-inch) up to 352GB

The EOL products use 64MB and 128MB 130nm and 90nm SLC Small Block NAND flash media, which are being discontinued by the flash vendors.

In addition, market demands are currently for RoHS compliant products, which cannot be provided by the FFD 2.5" Ultra-Wide SCSI and FFD 2.5" Ultra-Narrow SCSI.

Schedule

Last order date: August 31, 2006*

Last shipment date: December 30, 2006

* Delivery is based on the availability of 64MB and 128MB 130nm and 90nm SLC Small Block NAND flash media.

msystems' Alternative Products

The FFD 3.5" Ultra320 SCSI product line, available in slim casing of 0.5" and densities ranging from 1GB to 128GB, supports the Ultra320 SCSI (320 MB/s) interface and is backward compatible with the Ultra-Wide SCSI (40 MB/s) and Ultra-Narrow SCSI (20 MB/s) interfaces. The FFD 3.5" Ultra320 SCSI product line has been in mass production since May 2005, and is offered with 6 to 8 week delivery time, in both leaded and RoHS versions.

More information about the FFD 3.5" Ultra320 SCSI is available on the msystems website at www.m-systems.com/rugged.

Compatibility Issues

The recommended replacements are available in 3.5" form factor, which replaces the EOL products that support 2.5" form factor.

The interface of the recommended replacements is fully compatible with products that have been assigned EOL status.

Call for Action

Customers using the above EOL products are requested to place last orders and evaluate the replacement products. Please contact the nearest msystems representative for more information.

How to Contact Us

Please contact your msystems representative or visit the Embedded Systems web section on the msystems website (www.m-systems.com) for any further information or assistance.

Guy Freikorn (guy.freikorn@m-systems.com)
Rugged Product Manager
EMS Division
msystems