

DiskOnChip G3/P3

End of Life, October 2005

Description

M-Systems is announcing the End of Life (EOL) of DiskOnChip G3/P3. The affected products and their recommended replacements are described in Table 1 and Table 2 below.

Table 1: DiskOnChip FBGA Products

EOL Product		Recommended Replacement	
Product Name	Ordering Info	Product Name	Ordering Info
DiskOnChip P3 32MB (256b) FBGA	MD5832-d256-V3Q18-X MD5832-d256-V3Q18-X-P MD5832-d256-V3Q18-X/Y MD5832-d256-V3Q18-X-P/Y	DiskOnChip G4 128MB (1Gb) FBGA, 3.3V core	MD8832-d1G-V3-X-P MD8832-d1G-V3-X-P/Y
		DiskOnChip G4 128MB (1Gb) FBGA, 1.8V core	MD8832-d1G-V18-X-P MD8832-d1G-V18-X-P/Y
DiskOnChip G3 64MB (512Mb) FBGA	MD4832-d512-V3Q18-X MD4832-d512-V3Q18-X-P MD4832-d512-V3Q18-X/Y MD4832-d512-V3Q18-X-P/Y	DiskOnChip G4 128MB (1Gb) FBGA, 3.3V core	MD8832-d1G-V3-X-P MD8832-d1G-V3-X-P/Y
		DiskOnChip G4 128MB (1Gb) FBGA, 1.8V core	MD8832-d1G-V18-X-P MD8832-d1G-V18-X-P/Y
DiskOnChip G3 128MB (1Gb) FBGA	MD4331-d1G-V3Q18-X MD4331-d1G-V3Q18-X-P MD4331-d1G-V3Q18-X/Y MD4331-d1G-V3Q18-X-P/Y	DiskOnChip G4 128MB (1Gb) FBGA, 3.3V core	MD8832-d1G-V3-X-P MD8832-d1G-V3-X-P/Y
		DiskOnChip G4 128MB (1Gb) FBGA, 1.8V core	MD8832-d1G-V18-X-P MD8832-d1G-V18-X-P/Y
		DiskOnChip G4 256MB (2Gb) FBGA, 3.3V core	MD8331-d2G-V3-X-P MD8331-d2G-V3-X-P/Y
		DiskOnChip G4 256MB (2Gb) FBGA, 1.8V core	MD8331-d2G-V18-X-P MD8331-d2G-V18-X-P/Y

EOL Product		Recommended Replacement	
Product Name	Ordering Info	Product Name	Ordering Info
		DiskOnChip H1 256MB (2Gb) FBGA 3.3V core	MD2433-d2G-V3Q18-X-P MD2433-d2G-V3Q18-X-P/Y

Table 2: DiskOnChip TSOP-I Products

EOL Product		Recommended Replacement		
Product Name	Ordering Info	Product Name	Ordering Info	
DiskOnChip P3 32MB (256Mb) TSOP	MD5811-d256-V3Q18	DiskOnChip G4 128MB (1Gb) FBGA, 3.3V core	MD8832-d1G-V3-X-P	
	MD5811-d256-V3Q18-X		MD8832-d1G-V3-X-P/Y	
	MD5811-d256-V3Q18-P	DiskOnChip G4 128MB (1Gb) FBGA, 1.8V core	MD8832-d1G-V18-X-P	
	MD5811-d256-V3Q18-X-P		MD8832-d1G-V18-X-P/Y	
	MD5811-d256-V3Q18/Y			
	MD5811-d256-V3Q18-X/Y			
MD5811-d256-V3Q18-P/Y				
MD5811-d256-V3Q18-X-P/Y				
DiskOnChip G3 64MB (512Mb) TSOP	MD4811-d512-V3Q18	DiskOnChip G4 128MB (1Gb) FBGA, 3.3V core	MD8832-d1G-V3-X-P	
	MD4811-d512-V3Q18-X		MD8832-d1G-V3-X-P/Y	
	MD4811-d512-V3Q18-P	DiskOnChip G4 128MB (1Gb) FBGA, 1.8V core	MD8832-d1G-V18-X-P	
	MD4811-d512-V3Q18-X-P		MD8832-d1G-V18-X-P/Y	
	MD4811-d512-V3Q18/Y			
	MD4811-d512-V3Q18-X/Y			
	MD4811-d512-V3Q18-P/Y			
	MD4811-d512-V3Q18-X-P/Y			

Reason for EOL

The DiskOnChip G3/P3 (with a 130 nm manufacturing process) is being discontinued due to the availability of an alternative product, DiskOnChip G4 and DiskOnChip H1, with more advanced technology (90 nm manufacturing process).

Schedule

Final order date: February 28th, 2006

Final shipment date: June 30th, 2006

Orders placed or scheduled until the final order date are classified as Non-Cancelable, Non-Returnable (NCNR).

Due to material availability, orders significantly higher than forecast or historical run rate may not be accepted.

Compatibility Issues

The recommended replacement, DiskOnChip G4 1Gb/2Gb 9x12mm FBGA, and H1 2Gb 12x18mm FBGA are ball to ball compatible with DiskOnChip G3/P3 7x10mm, 9x10mm FBGA products that are being discontinued. It is necessary to upgrade software based on TrueFFS 6.2.x to TrueFFS 6.3.2 and above when upgrading to DiskOnChip G4.

For more information, please refer to the *DiskOnChip G3/P3 to G3/P3 LP, G4/P4 and H1 Migration Guide*.

Call for Action

Customers using DiskOnChip G3/P3 products are requested to evaluate DiskOnChip G4 and DiskOnChip H1 or to consider other alternatives, as listed in the current DiskOnChip Product Availability List.

How to Contact Us

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

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