

Additional Assembly Site

DiskOnChip P3 7x10 FBGA 32MByte/256Mbit

Product Update, August 2004
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Description

The AMKOR Japan fab assembly facility has been selected as an additional assembly facility for DiskOnChip P3, manufactured by Toshiba. Until now, DiskOnChip P3 has been assembled at the Yokkaichi Toshiba Electronics (YTE) facility in Japan only. Starting in November 2004, DiskOnChip P3 will be assembled either at AMKOR or YTE in Japan.

There is no other change in the DiskOnChip P3 manufacturing and testing process. Wafers will continue to be manufactured at YTE, and testing will be done at Power Tech Technology (PTI).

Ordering Information

The following product is affected:

Product	Form Factors	Capacity (MB)	Ordering Information
DiskOnChip P3	7x10 FBGA	32MByte/256Mbit	MD5832-d256-V3Q18-X MD5832-d256-V3Q18-X-P

Reason for Change

A new assembly site is being added to address the growing market demand and reduce the product lead time, while maintaining reliability. This step will provide additional flexibility and enable M-Systems to respond to customer needs.

Timetable

Products will be assembled at the AMKOR site according to the following schedule:

Product	Ordering Information	Schedule
DiskOnChip P3 32MByte/256Mbit	MD5832-d256-V3Q18-X	November 2004
DiskOnChip P3 32MByte/256Mbit, Pb-free	MD5832-d256-V3Q18-X-P	

Compatibility

The products assembled in the new facility are fully hardware and software compatible with the existing products.

Quality Assurance Procedure

Overall responsibility for quality assurance and quality control procedures will remain under the auspices of YTE in Japan. M-Systems and Toshiba are working closely to ensure a smooth addition of the alternative assembly facility. The following actions will be implemented:

- Correlation testing between products that have been assembled at different sites (YTE and AMKOR).
- Functional testing by both M-Systems and Toshiba
- Long-term reliability testing
- Extended monitoring of the first lots manufactured at the new assembly site

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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