

Product Update

Subject:	New product: DiskOnChip DIMM2000 (MD2240-Dxx)		
Products:	DiskOnChip DIMM2000	Part Number:	MD2240-Dxx
Update #:	PU1100	Date:	20 June 2000

Description:

M-Systems is announcing today a new member to the DiskOnChip product family, the DiskOnChip DIMM2000.

The new DiskOnChip DIMM2000 (MD2240-Dxx) is part of the DiskOnChip product family, together with the DiskOnChip 2000 (MD220x-xx) and the DiskOnChip Millennium (MD28x0-D08). It has a 144-pin standard SoDIMM interface, and is fully compatible with DiskOnChip technology.

Features:

The DiskOnChip DIMM2000 provides the following main advantages:

- Low profile solution
- 8-bit bus currently available, and roadmapped to 16-bit bus by 1H2001
- Modular solution
- Capacities of up to 256MB now available, and roadmapped to exceed 1GB in 2001

Software:

Beginning with TrueFFS software version 4.1 (for all operating systems except DOS, and DOS driver and utilities version 1.23), all DiskOnChip software drivers and utilities are applicable to the DiskOnChip DIMM2000 as well as for other DiskOnChip products. In addition, the OSAK and BDK support the DiskOnChip DIMM2000.

Hardware:

The DiskOnChip DIMM2000 uses the same 8KB memory window interface as with DiskOnChip 2000 and DiskOnChip Millennium, allowing easy migration within the DiskOnChip product family.

Capacities Offered:

The table below describes the capacities available for the DiskOnChip DIMM2000. All capacities are available in 3.3V and 5V, commercial and extended temperature ranges.

Product	Capacity (MB)	3.3V Version	5V Version	Commercial Temperature (0°C to +70°C)	Extended Temperature (-40°C to +85°C) (non standard)
MD2240-D16	16	Yes	Yes	Yes	Yes
MD2240-D32	32	Yes	Yes	Yes	Yes
MD2240-D48	48	Yes	Yes	Yes	Yes
MD2240-D64	64	Yes	Yes	Yes	Yes
MD2240-D80	80	Yes	Yes	Yes	Yes
MD2240-D96	96	Yes	Yes	Yes	Yes
MD2240-D112	112	Yes	Yes	Yes	Yes
MD2240-D128	128	Yes	Yes	Yes	Yes
MD2240-D160	160	Yes	Yes	Yes	Yes
MD2240-D192	192	Yes	Yes	Yes	Yes
MD2240-D256	256	Yes	Yes	Yes	Yes

Availability:

Engineering samples are currently available. Mass production will begin on August 1, 2000.

DiskOnChip DIMM2000 Accessories:

The following table describes the DiskOnChip DIMM2000 accessories, availability and ordering information:

Accessory Name	Description	Ordering Information	Availability
Evaluation Board	ISA bus evaluation board, with 144-pin socket for DiskOnChip DIMM2000	DiskOnChip-DIMM2000-EVB	Aug. 1, 2000
Mechanical Samples	Mechanical samples (PCB with label)	DiskOnChip-DIMM2000-MECH	July 1, 2000
GANG Programmer	Gang programmer for the DiskOnChip DIMM2000	DiskOnChip-DIMM2000-GANG	Sept. 1, 2000

Please contact your M-Systems' representative, or refer to M-Systems' web site (www.m-sys.com), for any further information or guidance.

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