iDiskOnChip (iDOC)

NOTE: Please consult the End of Life document for pertinent product availability information.

iDiskOnChip (iDOC) delivers extremely fast and easy integration, along with high performance and reliability. It offers built-in block device emulation without any software drivers.

iDOC offers full IDE storage capabilities, high performance, a built-in error detection and correction code (EDC/ECC) system and flexible design choices. It can be used in any system with an IDE bus and with any operating system

It's Easy
iDOC is **extremely easy** to use. Just plug it into your IDE connector, choose master or slave mode and start working. **No driver is needed**.

It's Reliable
iDOC is equipped with built-in EDC/ECC, detecting and correcting data errors on-the-fly. All units have undergone extensive stress and power-cycling tests to meet the SanDisk quality standard.

It's Fast
iDOC delivers superior performance over other IDE storage alternatives.

It's Versatile
iDOC is currently offered in a wide range of capacities, from 32MB to 2048MB. Available in both vertical and horizontal alignment, and 40-pin and 44-pin connectors, iDOC fits easily into any platform that provides an IDE connector.

RoHS Compliant

The product is RoHS (Pb-free) compliant.

Features	Benefits
Full IDE disk-like capabilities	**Easy Integration** - Just plug in the iDOC and start working.
Horizontal and vertical alignment, 40-pin & 44-pin connectors.	**Multiple Form Factors** - If it's IDE - iDOC fits right in.
Multiple capacities - 32MB to 2048MB	**Scalable** - Provides a convenient upgrade path and flexible design.
Built-in ECC. Passed extensive stress and power-cycling quality tests	**Highly Reliable** - Automatically detects and corrects up to 2 bits per 512 bytes.
Wear-levelling mechanism	**Data Integrity** – Enables reliable, long-term data storage.
Driver handled in the BIOS level	**No Driver Needed** - Works with any OS.
Supports DMA 0-2 & PIO 0-4 transfer modes. Master/Slave mode selectable by switch	**Supports all IDE Modes** - For new and older platforms. Supports two device connections per bus.

Ordering Information

Ordering No. C=Capacity P=RoHS	Capacity (MB)	Mechanical Alignment	Orientation	Connector
MD1150-DCCCC-P	32,64,128, 256,512, 768,1024, 1536,2048	Vertical		40-pin
MD1151-DCCCC-P		Vertical		44-pin
MD1160-DCCCC-P		Horizontal	Left	40-pin
MD1161-DCCCC-P		Horizontal	Left	44-pin
MD1170-DCCCC-P		Horizontal	Right	40-pin
MD1171-DCCCC-P		Horizontal	Right	44-pin
Note: Ordering information for iDOC 40-pin power cable is: DOC-IDE40-CABLE-P.				

Note: 1 megabyte (MB) = 1 million bytes; 1 gigabyte (GB) = 1 billion bytes. Some of the listed capacity is used for formatting and other functions, and thus is not available for data storage. Read more.

Additional Product Info

iDiskOnChip(iDOC) EOL (PDF)

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