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GDDR6 Memory

Originally designed for graphics processing, GDDR6 is a high-performance memory solution that delivers faster data packet processing and buffering via 32 DQs per component and data rates up to 16 Gb/s. That's 3X to 4X the effective bandwidth compared to DDR4 and LPDDR4 devices.

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- [DDR SDRAM](#)
- [SDRAM](#)
- [RLDRAM Memory](#)
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DRAM Modules

- [LRDIMM](#)
- [Mini-DIMM](#)
- [NVDIMM](#)
- [RDIMM](#)
- [SODIMM](#)
- [SORDIMM](#)
- [UDIMM](#)
- [VLP Mini-DIMM](#)
- [VLP RDIMM](#)
- [VLP UDIMM](#)

Graphics Memory

- [GDDR6](#)
- [GDDR5X](#)
- [GDDR5](#)

Managed NAND

- [e-MMC](#)
- [Embedded UFS](#)

- [Universal Flash Storage](#)

NAND Flash

- [3D NAND](#)
- [TLC NAND](#)
- [MLC NAND](#)
- [SLC NAND](#)

NOR Flash

- [Parallel NOR Flash](#)
- [Serial NOR Flash](#)
- [Twin-Quad NOR Flash](#)
- [Xcecla Flash](#)

Multichip Packages

- [e.MMC-Based MCP](#)
- [NAND-Based MCP](#)
- [NOR-Based MCP](#)
- [UFS-Based MCP](#)

Storage

- [SATA SSDs](#)
- [NVMe SSDs](#)
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Accelerated Solutions

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- [Red Hat Ceph Storage](#)
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auto solutions

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Micron part FBGA code

FBGA and Part Marking Decoder

Due to space limitations, FBGA-packaged components have an abbreviated part marking that is different from the part number. Use our decoder tool to find your part number.

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- [MTFDDAV240TDU-1AW16AB](#)

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Orderable parts

MTFDDAV240TDU-1AW16ABYY

Specs

- Capacity
240GB
- Chipset Validation
N/A
- FBGA Code
N/A
- Interface
SATA
- Op. Temp.
- Part Status

- Sampling
- Product Line
5300 Boot
- Product Longevity Program
No
- Product Longevity Program Start Date
N/A
- READ
540 MB/s
- WRITE
215 MB/s

RoHS

China RoHS Certificate

Part-specific certification as required by China's Management Methods for Controlling Pollution by Electronic Information Products.

- File Type: (PDF)
- Updated: 12/1/2019

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BSMI Taiwan RoHS certificate

Part-specific certification as required by Taiwan's Management Methods for Controlling Pollution by Electronic Information Products.

- File Type: (PDF)
- Updated: 12/1/2019

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RoHS Certificate of Compliance

Part-specific certification of how this product meets the requirements of the current DIRECTIVE 2011/65/EU and 2015/863/EU, a.k.a. Restriction of Hazardous Substances (RoHS) Directive (Recast) without exemptions.

- File Type: (PDF)
- Updated: 12/1/2019

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Technical Notes

TN-00-08: Thermal Applications

Describes some considerations in thermal applications for Micron memory devices

- File Type: PDF
- Updated: 2019-04-17

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TN-FD-29: Running Secure Erase on Micron SSDs

This document describes how to run the ATA SECURITY ERASE command on Micron SATA SSDs using the Linux utility Parted Magic.

- File Type: PDF
- Updated: 2014-07-15

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Customer Service Notes

CSN-16: Micron Component and Module Packaging

Explanation of Micron packaging labels and procedures.

- File Type: PDF
- Updated: 2019-04-29

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Describes the benefits of controlling ESD in the workplace, including higher yields and improved quality and reliability, resulting in reduced manufacturing costs.

- File Type: PDF
- Updated: 2010-08-05

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