Our Global Customer Labs

Memory and storage solutions play a massive role in differentiating and improving your product performance. And with system-level designs becoming more complex and requiring more memory expertise, Micron's Global Customer Labs are perfectly positioned to help you succeed.

+ Memory Expertise

Micron's depth of engineering experience and breadth of product portfolio ensures that you'll have the right solution to optimize your products.

+ Testing/Improved Product Quality

Early product valuation testing can reveal design issues, often not related to memory, long before a product goes to market, saving you time and money and improving the quality of your product.

+ Design Support/ New Product Enablement

Our memory experts, working together with your design engineers early in the design cycle, provide in-depth design support to save valuable time in product development.

+ Improved Product Performance

With memory becoming more complex and more specialized, today's system-level designs require a higher level of memory expertise that Micron's experts are able to provide.

Let's Collaborate

+ Spark Innovation Through Collaboration

Micron's network of Global Customer Labs are strategically located close to your design and manufacturing teams. Here, we work with you to help capitalize on the capabilities of our memory and storage solutions at the system level.

For more information visit
micron.com/customer-labs

Micron® Solutions Portfolio Summary

39 Years Strong

MICRON AT A GLANCE 2017

12.4+ BILLION in Net Sales in FY2016

x 1000

30,000+ Team Members

13 Manufacturing Sites

In **18+** Countries

Micron Memory is in the Things You Use Every Day

Micron®

DRAM

Accelerate your time to market with quality DRAM components and modules — rigorously tested for reliability in a wide range of applications.

- ○ **DDR4**
- ○ **DDR3**
- ○ **DDR2**
- ○ **DDR**
- ○ **SDRAM**
- ○ **GDDR5**
- ○ **GDDR5X**
- ○ **RLDRAM® Memory**
- ○ **LPDRAM**
  - • LPSDR
  - • LPDDR
  - • LPDDR2
  - • LPDDR3
  - • LPDDR4

- ○ **DRAM Modules**
  - • LRDIMM
  - • Mini-DIMM
  - • NVDIMM
  - • RDIMM
  - • SODIMM
  - • SORDIMM
  - • UDIMM
  - • VLP Mini-DIMM
  - • VLP RDIMM
  - • VLP UDIMM

NAND Flash

Ongoing innovations in process and design continue to drive our Flash development, evidenced by the continued introduction of leading-edge technology.

- ○ **SLC NAND**
- ○ **MLC NAND**
- ○ **TLC NAND**
- ○ **Serial NAND**
- ○ **3D NAND**

Managed NAND

Fully managed and ECC-free NAND devices help make technology transitions nearly seamless by handling media management and error correction code (ECC) internally. Managed NAND frees the host controller for increased speed and system performance — and saves significant resources that would otherwise go to hardware and software development.

- ○ **e.MMC Memory**
- ○ **e.USB**
- ○ **Universal Flash Storage (UFS)**

Multichip Packages (MCPs)

Get the critical features and functions for your design — including high performance, high quality, power efficiency, wide density ranges, small package sizes and industrial temperature ranges — from our broad portfolio of industry-standard multichip packages MCPs.

- ○ **NAND-Based MCP**
- ○ **NOR-Based MCP**
- ○ **e.MMC-Based MCP**
- ○ **UFS-Based MCP**

NOR Flash

Our broad range of densities, packages, and features offers the flexibility to fit your specific design requirements.

- ○ **Parallel NOR Flash**
- ○ **Serial NOR Flash**
- ○ **Xccela™ Flash**

Hybrid Memory Cube (HMC)

Move data up to 8 times faster and more power efficiently than a DDR4 module. Providing up to 160GB/s bandwidth in a more compact footprint than existing memory technologies.

- ○ **HMC**

Storage

Take command of your data center with Micron's flash-based solid state drives (SSDs) — bringing you efficiency, reliability, durability and manageability all in one solution.

Client SSDs
Realize safer, faster, lighter and more-efficient performance with flash storage.

- ○ **1100 SATA SSD**

Data Center SSDs
Flash-based storage that enables your data center to hunt, crunch and deliver answers in real time.

- ○ **7100 PCIe NVMe SSD**
- ○ **9100 PCIe NVMe SSD**
- ○ **S600DC SAS SSD Series**
- ○ **M500DC SATA SSD**
- ○ **M510DC SATA SSD**
- ○ **5100 SATA SSD**

Automotive SSDs
Built to withstand the rigorous demands of automotive applications, with an extended temperature range and robust data protection features.

- ○ **M500IT SATA SSD**

Industrial SSDs
Get reliable performance for a variety of conditions with our Industrial SSDs, which deliver high capacities and industrial temperature options in several small form factors.

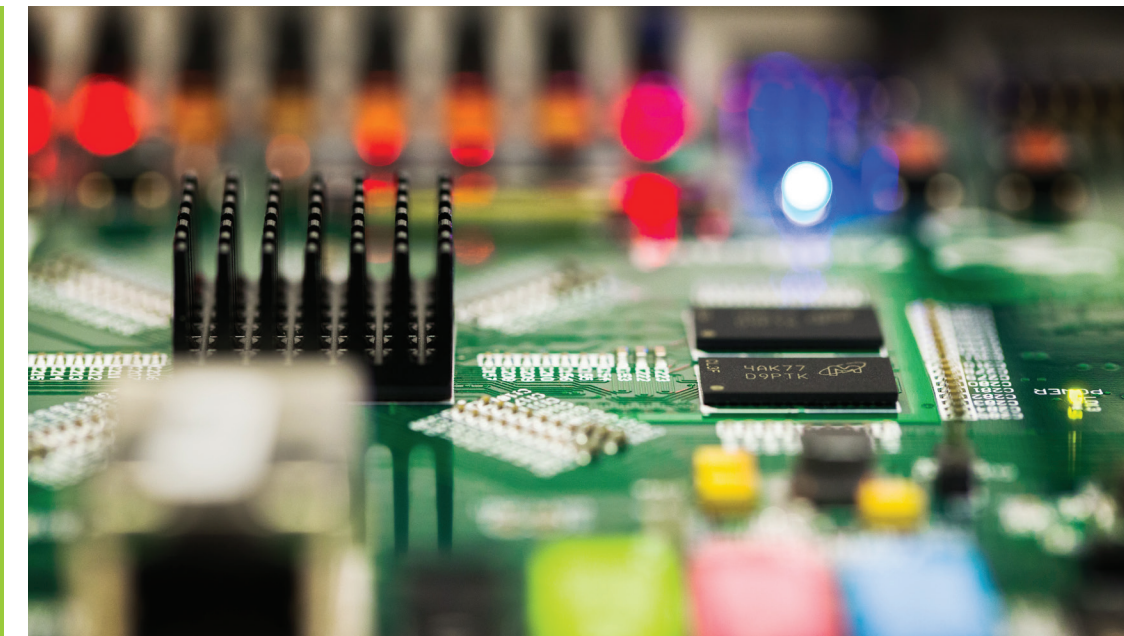- ○ **M500IT SATA SSD**

Industrial Memory Cards

- ○ **microSD card**
- ○ **SD card**

Micron Accelerated Solutions
Simplify the path to next-generation, all-flash data centers with purpose-built, scale-out solutions that provide IT departments with a streamlined way to build out agile IT infrastructure.

Micron FlexPro™ Architecture
Designed to unleash the true capabilities of SSDs, providing IT administrators the ability to tune the drive so that it meets specific workload characteristics such as performance, endurance and security.

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