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Managed NAND

The increasingly complex error correction and data-management requirements of NAND Flash can be challenging for embedded designers. Our fully managed devices like eMMC, UFS and SSDs 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. Our standardized packages also ease the design process, helping reduce time-to-market.

Choosing the Right NAND

BY TECHNOLOGY | RESOURCES | BY TECHNOLOGY | RESOURCES

By Technology

Technology	Benefits	Densities	Configurations	Supply Voltages
Universal Flash Storage (UFS)	Single-package solution for designers looking for an ultra-fast UFS storage interface between NAND and device host. Ideal for computing and mobile systems that require low power consumption.	32GB	JEDEC-standard, compliant with the JESD220C UFS 2.1 specification	3.3 VCC (3.3V/1.1V/0.6V VCCQ)
e.MMC Memory	Single-package solution for designers looking for MMC-like application-to-application interoperability We offer e.MMC solutions in a variety of densities and options	2GB–64GB	JEDEC-standard, compliant with the 5.41 MMC specification	3.3 VCC (3.3V/1.8V VCCQ)
Embedded USB	High-performance High-reliability Low power Small size	2GB–32GB	USB 2.0/USB 3.1	5V/3.3V

Resources

Software Documentation

e.MMC Software

Access all software documentation and software support packs for Micron's e.MMC products.

eMMC
Managed NAND

Managed NAND FAQs

Managed NAND

Frequently asked questions (FAQs) about Micron's Managed NAND.

Updated: 09/30/2015

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