

### Sim Models & Software

#### Sim Model (3)

| Title & Description  | Updated | Туре      |           |
|--|---------|-----------|-----------|
| HSpice: Rev 2.1 (zip) 128/256/512/1024Gb, MLC, Async/Sync, L85A NAND (L85A)                      | 05/2013 | Sim Model | ADD EMAIL |
| IBIS: Rev 2.1 (zip) 128/256/512/1024Gb, MLC, Async/Sync, L85A NAND (L85A)                        | 05/2013 | Sim Model | ADD EMAIL |
| Verilog: NAND 128/256/512/1024Gb MLC L85A (zip) 128/256/512/1024Gb Verilog model Rev 7.30 (L85A) | 07/2013 | Sim Model | ADD EMAIL |

## **RoHS Certificates**

| Title & Description  | Updated | Туре               |           |
|--|---------|--------------------|-----------|
| RoHS Certificate of Compliance (PDF)  Part-specific certification of how this product meets the requirements of the current DIRECTIVE 2002/95/EC, a.k.a. Restriction of Hazardous Substances (RoHS) Directive. | 02/2015 | RoHS Certification | ADD EMAIL |
| China RoHS Certificate (PDF) Part-specific certification as required by China's Management Methods for Controlling Pollution by Electronic Information Products.   | 02/2015 | RoHS Certification | ADD EMAIL |

# **Documentation & Support**

### Technical Note (50)

| Title & Description  | Updated | Туре           |           |
|--|---------|----------------|-----------|
| NAND Flash Controller on Spartan-3 (pdf) This technical note describes the Micron NAND Flash controller, techniques for interfacing the NAND Flash device with a processor and use of the Micron glueless interface to interface a processor with NAND Flash memory.  (TN-29-06)                                     | 07/2014 | Technical Note | ADD EMAIL |
| Technical Note: Using Chip Enable Pin Reduction in NAND  Flash Memory Devices (pdf)  This technical note describes how to enable and use the chip enable pin reduction feature in Micron's NAND Flash memory devices and discusses reduction limitations based on NAND package and system configuration.  (TN-29-77) | 05/2014 | Technical Note | ADD EMAIL |
| SEMI Wafer Map Format (pdf) Micron has adopted the wafer map file format approved by Semiconductor Equipment and Materials International (SEMI). With SEMI formatting, Micron's customers can be confident they will always receive consistent, compatible, reliable map files. (TN-00-21)                           | 03/2014 | Technical Note | ADD EMAIL |
| Technical note: Using the Block Lock Feature on MT29F NAND Flash Memory Devices (pdf) This technical note describes the block lock feature on Micron's MT29F NAND Flash memory devices. (TN-2976)  | 02/2014 | Technical Note | ADD EMAIL |
| Enabling On-Die ECC NAND with JFFS2 (pdf) This technical note addresses altering the the MTD/NAND layer for the on-die ECC NAND device. (TN-29-75)   | 08/2013 | Technical Note | ADD EMAIL |

SEE ALL RESULTS

#### Customer Service Note (5)

| Title & Description  | Updated | Туре                  |           |
|--|---------|-----------------------|-----------|
| Shipping Quantities (pdf) Provides standard part quantities for shipping. (CSN-04)   | 01/2015 | Customer Service Note | ADD EMAIL |
| Micron BGA Manufacturer's User Guide (pdf) Provides information to enable customers to easily integrate both leading-edge and legacy Micron's ball grid array (BGA) packages into their manufacturing processes. It is intended as a set of high-level guidelines and a reference manual describing typical package-related and manufacturing process-flow practices. (CSN-33) | 12/2014 | Customer Service Note | ADD EMAIL |
| Micron Component and Module Packaging (pdf) Explanation of Micron packaging labels and procedures. (CSN-16)  | 11/2014 | Customer Service Note | ADD EMAIL |
| Product Marks/Product and Packaging Labels (pdf) Explains product part marking, and product and packaging labels. (CSN-11)   | 10/2014 | Customer Service Note | ADD EMAIL |
| PCN/EOL Systems (pdf) Explains Micron's product change notification and end-of-life systems. (CSN-12)  | 04/2012 | Customer Service Note | ADD EMAIL |

### Tool (6)

| Title & Description   | Updated | Туре |           |
|---|---------|------|-----------|
| FBGA Decoder Micron's FBGA Part Marking Decoder makes it easier to understand part marking.   | 12/2014 | Tool | ADD EMAIL |
| PISMO2 Boards (html)  The platform-independent storage module PISMO™ specifications provides a standard for convenient, interchangeable memory test boards. PISMO boards significantly reduce design inefficiencies, providing a huge benefit for the short development cycles of consumer products.  | 10/2008 | Tool | ADD EMAIL |
| SLC, MLC, TLC — What's the Difference?  In this 4-minute, whiteboard video, Director of NAND Strategic Marketing, Kevin Kilbuck, provides a brief description of the technical differences among SLC, MLC, and TLC.   | 01/0001 | Tool | ADD EMAIL |
| Choosing the Right NAND Flash memory manufacturers are offering a variety of NAND Flash memory products—including some specialized NAND solutions—with significantly different performance capabilities and features across a number of process nodes. This NAND diversification means that designers cannot simply select any NAND Flash device for their applications, but rather need to have a basic understanding of the features and benefits of each type of NAND in order to select both the proper device and the proper supplier. | 01/0001 | Tool | ADD EMAIL |
| ONFI Advantages The Open NAND Flash Interface (ONFI) is a collaboration among Micron and many other NAND Flash suppliers, controller manufacturers, and designers. The primary  | 01/0001 | Tool | ADD EMAIL |

goal of the ONFI working group is to develop open standards for the interface used to communicate with NAND Flash memory—standards that will increase compatibility and interoperability among conforming NAND devices from different vendors. This, in turn, will increase the supply base for standard devices, reduce design time, and speed time to market.

SEE ALL RESULTS

### Where to Buy

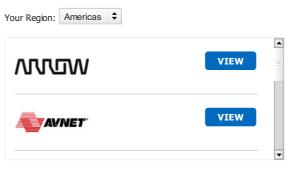
#### **Orderable Parts**

|                            | Status             | Media | FBGA<br>Code | SPD<br>Data | Chipset<br>Validation | PLP | Start<br>Date | Alternative<br>Part |
|----------------------------|--------------------|-------|--------------|-------------|-----------------------|-----|---------------|---------------------|
| MT29F512G08CKCABH7-<br>6:A | Contact<br>Factory | N/A   | NW510        | N/A         | N/A                   | No  |               | VIEW                |

#### Contact Your Sales Rep

CONTACT A REP

#### - OR - Check with Distributors



**See All Distributors** 

