

# Data Sheets (1)

**ROHS** 

**CERTIFICATES** 

**DOCUMENTATION &** 

WHERE TO

SEE ALL SLC NAND PARTS

SIM MODELS &

SOFTWARE

**SPECS** 



# Specs

### Orderable Parts for: MT29F16G08ABABAWP-IT

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F16G08ABABAWP- IT:B	Contact Factory	N/A	N/A	N/A	N/A	No		VIEW

# **Detailed Specifications**

Density	16Gb	Status	Production	RoHS	Yes	Width	x8
Voltage	3.3V	Package	TSOP	Pin Count	48-pin	MT/s	
1/0	Common	Op Temp	-40C to +85C				

# Sim Models & Software

### Sim Models



### Verilog: NAND 16/32/64/128Gb, SLC (rev B) M62B (ZIP)

NAND Flash SLC NAND

16/32/64/128Gb SLC NAND Verilog model Rev 7.26

File Type: ZIP

**Updated:** 08/02/2010

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### HSpice: NAND 16/32/64/128Gb SLC (Rev B) M62B (ZIP)

NAND Flash SLC NAND

Rev. 2.1

File Type: ZIP

**Updated:** 10/30/2009

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IBIS 🔒

### IBIS: NAND 16/32/64/128Gb SLC (Rev B) M62B (ZIP)

NAND Flash SLC NAND

Rev. 2.1

File Type: ZIP

**Updated:** 10/30/2009

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## Software

### **Software Support Pack**

### NAND FLASH lockunlock bug fix (ZIP)

MLC NAND NAND Flash SLC NAND

Reset NAND before write protect check.

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**File Type:** ZIP **Updated:** 03/31/2016

**Software Support Pack** 

### YAFFS mark bad block issue (ZIP)

MLC NAND NAND Flash SLC NAND

If the bitflips num over mtd->bitflip\_threshold the mtd\_read\_oob will return -EUCLEAN and tags->ecc\_result > YAFFS\_ECC\_RESULT\_NO\_ERROR. Then we will call yaffs\_handle\_chunk\_error.

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File Type: ZIP

**Updated:** 03/31/2016

Software Support Pack



### **NANDcode Flash Translation Layer (ZIP)**

NAND Flash SLC NAND

NANDcode is a "C" FTL (Flash Translation Layer) software library for ARM platform.

Downloaded from Arrow.com.

File Type: ZIP Updated: 08/08/2014

**Software Driver** 

MT29F, SLC, 60/70 Series (1Gb, 2Gb, 4Gb, 8Gb, 16Gb, 32Gb) General Low-Level Driver for Parallel NAND Flash memory (ZIP)

NAND Flash SLC NAND

M60A, M61A, M62B, M68A, M68M, M70M, M71M, M72A, M73A, M79M. Download the technical note for this driver here.

File Type: ZIP

**Updated:** 04/05/2013

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**Software Driver** 

G

MT29F, SLC, 60 Series (1Gb, 2Gb, 4Gb) General Low-Level Driver for SPI NAND Flash memory (ZIP)

NAND Flash Serial NAND SLC NAND

M68A, M69A, M60A

File Type: ZIP

**Updated:** 12/28/2011

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# **RoHS** Certificates

**RoHS Certificates** 

**RoHS Certificate of Compliance (PDF)** 

MT29F16G08ABABAWP-IT

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.

File Type: (PDF)

**Updated:** 11/2016

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**RoHS Certificates** 

**China RoHS Certificate (PDF)** 

MT29F16G08ABABAWP-IT

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

File Type: (PDF)

**Updated:** 11/2016

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# Documentation & Support

See All SLC NAND Documentation

**Technical Notes** 



### TN-13-49: SLC NAND Device Refresh (PDF)

NAND Flash SLC NAND

(TN-13-49) This technical note discusses the adverse effects of high temperature and PROGRAM/ ERASE (P/E) cycles on flash memory data retention and how the REFRESH operation can be used to mitigate these adverse effects.

File Type: PDF

**Updated:** 10/31/2016

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**Technical Notes** 



### TN-29-58: ONFI NV-DDR2 Design Guide (PDF)

NAND Flash SLC NAND

(TN-29-58) This technical note explains the device features that enable NV-DDR2 and provides guidelines for system designs to enable I/O transfer rates of up to 400 MT/s using the NV-DDR2 interface.

File Type: PDF

**Updated:** 09/29/2016

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**Technical Notes** 



### TN-29-51: Migrating from 50-Series to 60-Series SLC NAND (PDF)

Embedded Memory Solutions NAND Flash SLC NAND

(TN-29-51) This technical note supplements the product change notification (PCN) covering the transition from Micron® 50-series (50nm) to 60-series (34nm) single-level cell (SLC) NAND Flash devices.

File Type: PDF

**Updated:** 08/16/2016

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#### **Technical Notes**

### TN-29-76: Using the Block Lock Feature on MT29F NAND Flash Memory Devices (PDF)

NAND Flash SLC NAND

(TN-29-76) This technical note describes the block lock feature on Micron's MT29F NAND Flash memory devices.

File Type: PDF

**Updated:** 08/16/2016

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#### **Technical Notes**

# TN-26-03: How to Read, Program, and Manage Small Page NAND OTP Memory Area (PDF)

NAND Flash SLC NAND

(TN-26-03) This technical note explains how to read, program, and manage small page NAND memory.

File Type: PDF

**Updated:** 08/16/2016

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# Where to Buy

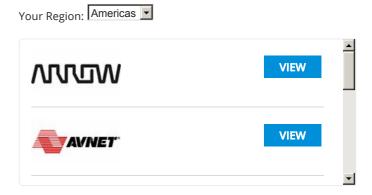
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### Contact Your Sales Rep

CONTACT A REP

### - OR - Check with Distributors



**See All Distributors** 

#### Solutions

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