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# MT29F2G08ABAEAH4-IT

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## Data Sheets (1)

Data Sheet 

### M69A SLC datasheet 2Gb: x8, x16 ECC NAND Flash Memory

M69A SLC datasheet

China  
NAND Flash  
SLC NAND  
Taiwan  
USA

File Type: PDF
Updated: 03/2018

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## Specs

Orderable Parts for: MT29F2G08ABAEAH4-IT

[SEE ALL SLC NAND PARTS](#)

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F2G08ABAEAH4-IT:E	Production	N/A	NQ283	N/A	N/A	No		N/A

## Detailed Specifications

Density	2Gb	Status	Production	Width	x8	Voltage	3.3V
Package	VFBGA	Pin Count	63-ball	MT/s		Op Temp	-40C to +85C

## Sim Models & Software

# Sim Models

HSpice



## HSpice: NAND 2Gb SLC (Rev E) M69A (ZIP)

NAND Flash  
SLC NAND

Rev. 2.1

File Type: ZIP

Updated: 10/01/2014

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IBIS



## IBIS: NAND 2Gb SLC (Rev E) M69A (ZIP)

NAND Flash  
SLC NAND

Rev. 2.2

File Type: ZIP

Updated: 10/01/2014

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Verilog



## Verilog: NAND 2Gb SLC M69A (ZIP)

NAND Flash  
SLC NAND

2Gb Verilog model Rev 7.30

File Type: ZIP

Updated: 08/21/2012

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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.

File Type: ZIP

Updated: 03/31/2016

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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.

File Type: ZIP

Updated: 03/31/2016

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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.

File Type: ZIP

Updated: 08/08/2014

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## 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



### 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)

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: 08/2018

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### RoHS Certificates

#### China RoHS Certificate (PDF)

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

File Type: (PDF)

Updated: 08/2018

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## Documentation & Support

[See All SLC NAND Documentation](#)

## Technical Notes

SEARCH (17) SLC NAND TECHNICAL NOTES

## Technical Notes

### TN-29-62: Software Device Drivers for Large Page Micron NAND Flash Memory Devices (PDF)

NAND Flash  
SLC NAND

(TN-29-62) Download the low-level driver described in this document [here](#).

File Type: PDF

Updated: 04/24/2017

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## 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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## Customer Service Notes

SEE ALL CUSTOMER SERVICE NOTES

## Customer Service Note

### Product Marks, Product Labels, and Packaging Labels (PDF)

3D XPoint  
Client  
Cloud  
Cloud  
[See More Tags](#)

(CSN-11) The first section of this customer service note describes the product marks and labels we place on our devices. The second section describes the labels used on and in our packaging.

File Type: PDF

Updated: 08/24/2018

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## Customer Service Note

### Micron BGA Manufacturer's User Guide (PDF)

DDR2 SDRAM  
DDR4 SDRAM  
Embedded USB  
eMMC  
[See More Tags](#)

(CSN-33) 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...

File Type: PDF

Updated: 12/10/2014

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MT29F2G08ABAEAH4-IT ( Current )		MT29F2G08ABAEAWP	MT29F2G08ABBEAHC-IT	MT29F2G16ABAEAM69A3W C1
Status	Production	Production	Production	Obsolete
Density	2Gb	2Gb	2Gb	2Gb
Width	x8	x8	x8	x16
Voltage	3.3V	3.3V	1.8V	3.3V
Package	VFBGA	TSOP	VFBGA	Wafer
Pin Count	63-ball	48-pin	63-ball	n/a
	MT/s			
Op Temp	-40C to +85C	0C to +70C	-40C to +85C	0C to +70C

MT29F2G08ABAEAH4-IT ( Current )	
Status	Production
Density	2Gb
Width	x8
Voltage	3.3V
Package	VFBGA
Pin Count	63-ball
	MT/s
Op Temp	-40C to +85C


## Where to Buy

- OR - Check with Distributors

Your Region:


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### Products

- DRAM
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- NAND Flash
- Managed NAND
- NOR Flash
- Hybrid Memory Cube
- Multichip Packages
- Memory Cards
- Solid State Drives

### Solutions

- By Industry
- Automotive Memory Solutions
- Consumer
- Embedded Memory Solutions
- Federal Solutions
- Financial Services
- Industrial Memory Solutions
- Mobile Memory Solutions
- Networking Innovations

### By Application

- Client
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- Data Center
- Storage Data Security
- Enterprise SSD Storage
- Supercomputing Memory

### Support

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