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# MT29F1G01AAADDH4

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## Data Sheets (1)

[Data Sheet](#)

**1Gb x1 (M68A) SPI NAND Flash Memory Data Sheet**

Data Sheet Rev L; Design Revision D

File Type: PDF      Updated: 02/2016

Embedded Memory Solutions  
 NAND Flash  
 Serial NAND  
 SLC NAND

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## Specs

Orderable Parts for: MT29F1G01AAADDH4

[SEE ALL SERIAL NAND PARTS](#)

|                    | Status     | Media | FBGA Code | SPD Data | Chipset Validation | PLP | Start Date | Alternative Part |
|--------------------|------------|-------|-----------|----------|--------------------|-----|------------|------------------|
| MT29F1G01AAADDH4:D | Production | N/A   | NQ293     | N/A      | N/A                | No  |            | N/A              |

## Detailed Specifications

|         |            |         |            |           |         |           |     |
|---------|------------|---------|------------|-----------|---------|-----------|-----|
| Density | 1Gb        | Status  | Production | RoHS      | Yes     | Width     | x1  |
| Voltage | 3.3V       | Package | VFBGA      | Pin Count | 63-ball | Bits/Cell | SLC |
| Op Temp | 0C to +70C |         |            |           |         |           |     |

## Sim Models & Software

# Sim Models

Verilog



## Verilog: Serial NAND 1Gb M68A (TAR)

NAND Flash  
SLC NAND

m68a Serial NAND model rev 3.00 Initialize memory array feature added to model

File Type: TAR

Updated: 03/30/2015

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IBIS



## IBIS: Serial NAND 1Gb (Rev D) M68A (ZIP)

NAND Flash  
Serial NAND

Rev. 2.1

File Type: ZIP

Updated: 04/11/2011

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HSpice



## HSpice: Serial NAND 1Gb (Rev D) M68A (ZIP)

NAND Flash  
Serial NAND

Rev. 2.0

File Type: ZIP

Updated: 07/16/2010

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# Software

Software Support Pack

## SPI NAND Software Solution v2.0 (ZIP)

Automotive  
Embedded Memory Solutions  
NAND Flash  
Serial NAND

Linux patch and major code; Uboot patch and major code; sample code for others. Support for 1Gb, 2Gb, and 4Gb densities.

File Type: ZIP

Updated: 04/19/2016

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Software Driver



## Serialize Function for the SPI Controller (ZIP)

NAND Flash  
Serial NAND

Provides the serialize function for the serial peripheral interface (SPI) controller for Micron's serial NAND Flash devices.

File Type: ZIP

Updated: 12/28/2011

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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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Software Driver



### BeagleBoard SPI NAND MTD for Linux 2.6.33 (ZIP)

NAND Flash  
Serial NAND

SPI NAND GPL drivers for 50 series NAND.

File Type: ZIP

Updated: 06/24/2011

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## RoHS Certificates

RoHS Certificates

### RoHS Certificate of Compliance (PDF)

MT29F1G01AAADDH4

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)

MT29F1G01AAADDH4

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

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## Documentation & Support

[See All Serial NAND Documentation](#)

### Technical Notes

SEARCH (0) SERIAL NAND TECHNICAL NOTES

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.

[SEARCH \(0\) SERIAL NAND TECHNICAL NOTES](#)

## Parts with the same Data Sheet (2)

| MT29F1G01AAADDH4<br>( Current ) |                   | MT29F1G01AAADDH4-IT | MT29F1G01AAADDH4-ITX |
|---------------------------------|-------------------|---------------------|----------------------|
| Status                          | <b>Production</b> | Production          | Production           |
| Density                         | <b>1Gb</b>        | 1Gb                 | 1Gb                  |
| RoHS                            | <b>Yes</b>        | Yes                 | Yes                  |
| Width                           | <b>x1</b>         | x1                  | x1                   |
| Voltage                         | <b>3.3V</b>       | 3.3V                | 3.3V                 |
| Package                         | <b>VFBGA</b>      | VFBGA               | VFBGA                |
| Pin Count                       | <b>63-ball</b>    | 63-ball             | 63-ball              |
| Bits/Cell                       | <b>SLC</b>        | SLC                 | SLC                  |
| Op Temp                         | <b>0C to +70C</b> | <b>-40C to +85C</b> | <b>-40C to +85C</b>  |

## Where to Buy

### Orderable Parts

|                    | Status            | Media | FBGA Code | SPD Data | Chipset Validation | PLP | Start Date | Alternative Part |
|--------------------|-------------------|-------|-----------|----------|--------------------|-----|------------|------------------|
| MT29F1G01AAADDH4:D | <b>Production</b> | N/A   | NQ293     | N/A      | N/A                | No  |            | N/A              |

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