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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

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	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.

File Type: (PDF)

Updated: 11/2016

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

Where to Buy

Orderable 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

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