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MT29F1G01ABAFDSF-AAT

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Data Sheets (1)

Data Sheet

1Gb 3.3V x1,x2,x4 SPI NAND Flash Memory Data Sheet (Automotive)

M78A; MT29F1G01ABAFDSF-AAT:F, MT29F1G01ABAFD12-AAT:F

Automotive
Embedded Memory Solutions
NAND Flash
Serial NAND
SLC NAND

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File Type: PDF **Updated:** 11/2016

Specs

Orderable Parts for: MT29F1G01ABAFDSF-AAT

SEE ALL SERIAL NAND PARTS

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F1G01ABAFDSF-AAT:F	Production	N/A	NW808	N/A	N/A	No		N/A

Detailed Specifications

Density	1Gb	Status	Production	RoHS	Yes	Width	x1/x2/x4
Voltage	3.3V	Package	SOIC	Pin Count	16-pin	Bits/Cell	SLC
Op Temp	-40C to +105C						

Sim Models

IBIS

IBIS: 1Gb SPI M78A SLC NAND (ZIP)

Rev 1.2, MT29F1G01ABAFD12-AAT:F, MT29F1G01ABAFDSF-AAT:F, MT29F1G01ABAFD12-IT:F, MT29F1G01ABAFDSF-IT:F, MT29F1G01ABAFDWB-IT:F, MT29F1G01ABBFDSF-IT:F, MT29F1G01ABBFDWB-IT:F

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HSpice

HSpice: 1Gb SPI M78A SLC NAND (ZIP)

Rev 1.2, MT29F1G01ABAFD12-AAT:F, MT29F1G01ABAFDSF-AAT:F, MT29F1G01ABAFD12-IT:F, MT29F1G01ABAFDSF-IT:F, MT29F1G01ABAFDWB-IT:F, MT29F1G01ABBFDSF-IT:F, MT29F1G01ABBFDWB-IT:F

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Verilog



Verilog: 1Gb, 2Gb, 4Gb, 1.8V and 3V, x1,x2,x4 SPI M7xA NAND Flash Memory (ZIP)

M78A, M79A; SLC; MT29F1G01ABBFDSF-IT:F, MT29F1G01ABBFDWB-IT:F, MT29F1G01ABAFD12-IT:F, MT29F1G01ABAFDSF-IT:F, MT29F1G01ABAFDWB-IT:F, MT29F1G01ABAFD12-AAT:F, MT29F1G01ABAFDSF-AAT:F, MT29F2G01ABBGDSF-IT:G, MT29F2G01ABBGDWB-IT:G, MT29F2G01ABAGD12-IT:G, MT29F2G01ABAGDSF-IT:G,...

File Type: ZIP

Updated: 08/18/2015

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Software

Software Support Pack

SPI NAND Software Solution v2.0 (ZIP)

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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Automotive
Embedded Memory Solutions
NAND Flash
Serial NAND

Software Driver



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

M68A, M69A, M60A

File Type: ZIP

Updated: 12/28/2011

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NAND Flash
Serial NAND
SLC NAND

**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[DOWNLOAD](#)**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[DOWNLOAD](#)

RoHS Certificates

RoHS Certificates**RoHS Certificate of Compliance (PDF)**

MT29F1G01ABAFDSF AAT

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:** 12/2016[DOWNLOAD](#)**RoHS Certificates****China RoHS Certificate (PDF)**

MT29F1G01ABAFDSF AAT

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

File Type: (PDF)**Updated:** 12/2016[DOWNLOAD](#)

Parts with the same Data Sheet (1)

MT29F1G01ABAFDSF-AAT
(Current)**MT29F1G01ABAFD12-AAT**

Status

Production

Production

Density

1Gb

1Gb

RoHS	Yes	Yes
Width	x1/x2/x4	x1/x2/x4
Voltage	3.3V	3.3V
Package	SOIC	TBGA
Pin Count	16-pin	24-ball
Bits/Cell	SLC	SLC
Op Temp	-40C to +105C	-40C to +105C

Where to Buy

Orderable Parts


	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F1G01ABAFDSF-AAT:F	Production	N/A	NW808	N/A	N/A	No		N/A


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