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Data Sheets (1)



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



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: 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: 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.

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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.

File Type: ZIP

Updated: 08/08/2014

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Downloaded from **Arrow.com**.

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

Technical Notes

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

NAND Flash SLC NAND

(PDF)

(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.

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Updated: 08/24/2018

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...

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File Type: PDF Updated: 12/10/2014

(Current) **C1 Obsolete** Density 2Gb 2Gb 2Gb 2Gb Width x16 **x8** х8 х8 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

MT29F2G08ABAEAWP

MT29F2G08ABAEAH4-IT

(Current)

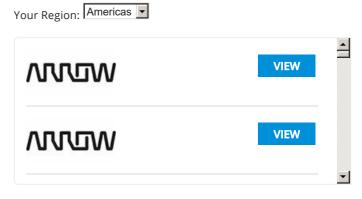
Status	Production
Density	2Gb
Width	x8
Voltage	3.3V
Package	VFBGA
Pin Count	63-ball
	MT/s
Op Temp	-40C to +85C

Where to Buy

Check with Distributors

MT29F2G08ABBEAHC-IT

MT29F2G16ABAEAM69A3W



See All Distributors

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