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Specs

Orderable Parts for:

MT29F4G01ABAFDWB-IT

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	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F4G01ABAFDWB-IT:F	Sampling	N/A	NQ464	N/A	N/A	No		N/A

Detailed Specifications

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Density	2016	Status	Sampling	Width	x1	Voltage	3.3V	Learn more	manage your
Package	TBGA	Pin Count	24-ball	Accept	MT/s	Products ▾ 166 MT/s	Solutions ▾ Op Temp	Support ▾ -40C to +85C	About ▾

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Software

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NAND FLASH lockunlock bug fix (/resource-details/4c6c9ba9-cc4a-4e0a-a227-461cde5ccb25) (ZIP)

Reset NAND before write protect check.

File Type: ZIP

Updated: 03/31/2016

[MLC NAND \(/advanced-search?technology=%7b0F378847-1454-4E6D-BA4E-6F31699872D7%7d\)](/advanced-search?technology=%7b0F378847-1454-4E6D-BA4E-6F31699872D7%7d)

[NAND Flash \(/advanced-search?family=%7b71753F25-A039-401B-81C3-34429E447FA1%7d\)](/advanced-search?family=%7b71753F25-A039-401B-81C3-34429E447FA1%7d)

[SLC NAND \(/advanced-search?technology=%7bECB085AB-A33A-417C-BB33-D4C681A7A8AE%7d\)](/advanced-search?technology=%7bECB085AB-A33A-417C-BB33-D4C681A7A8AE%7d)

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Software Support Pack

YAFFS mark bad block issue (resource details/0aa07255-2835-4124-93bc-1960a3b2626d) (ZIP)

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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

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Software Support Pack



NANDcode Flash Translation Layer (/my-account/login?returnUrl=/parts/nand-flash/mass-storage/mt29f4g01abafdwb-it) (ZIP)

NANDcode is a "C" FTL (Flash Translation Layer) software library for ARM platform.

NAND Flash (/advanced-search? family=
SLC NAND (/advanced-search? technology=
D4C681A7A8AE%7d)

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 (/resource-details/0aa07255-2835-4124-93bc-1960a3b2626d) (ZIP)

M60A, M61A, M62B, M68A, M68M, M70M, M71M, M72A, M73A, M79M. Download the technical note for this driver here (http://www.micron.com/~/media/Documents/Products/Technical%20Note/NAND%20Flash/tn2972_MT29F_NAND_drivers.pdf).

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File Type: ZIP

Updated: 04/05/2013

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Software Driver



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MT29F, SLC, 60 Series (1Gb, 2Gb, 4Gb) General Low-Level Driver for SPI NAND Flash memory (/my-account/login?returnUrl=/parts/nand-flash/mass-storage/mt29f4g01abafdwb-it) (ZIP)

M68A, M69A, M60A

File Type: ZIP

Updated: 12/28/2011

[NAND Flash \(/advanced-search?family=%7b71753F25-A039-401B-81C3-34429E447FA1%7d\)](#)
[Serial NAND \(/advanced-search?technology=%7bCE8DED88-AEC3-45FF-BA61-17C992ED273F%7d\)](#)
[SLC NAND \(/advanced-search?technology=%7bECB085AB-A33A-417C-BB33-D4C681A7A8AE%7d\)](#)

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Technical Notes

[SEARCH \(17\) SLC NAND TECHNICAL NOTES \(/ADVANCED-SEARCH?NEW_DOCUMENT_TYPE=%7B5538556E-D3E6-4D71-95CE-3986F06FBF34%7D&DISPLAY=DOCUMENTS%7CMYDOCS&WITHIN=PRODUCTSSUPPORT&TECHNOLOGY=%7BECB085AB-A33A-417C-BB33-](#)

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TN-00-01: Moisture Sensitivity of Plastic Packages (/resource-details/bde09511-4d74-4614-9fed-ed1424d5976c) (PDF)

(TN-00-01) This technical note describes shipping procedures for preventing memory devices from absorbing moisture and recommendations for baking devices exposed to excessive moisture.

[DDR SDRAM \(/advanced-search?technology=%7b018AA1A6-BA71-4A6B-9274-18AA467FF50A%7d\)](#)

[DDR2 SDRAM \(/advanced-search?technology=%7b4B1D5D7B-0635-4135-BA94-7C0DD4F483A4%7d\)](#)

[DDR3 SDRAM \(/advanced-search?technology=%7b1F96FF8B-5C92-4B19-B66D-BE94267BA7AC%7d\)](#)

[DDR3L-RS \(/advanced-search?technology=%7bC724D491-2FD6-420F-AA98-C00F40F683AC%7d\)](#)

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Technical Notes

TN-29-62: Software Device Drivers for Large Page Micron NAND Flash Memory Devices (/resource-details/124ce955-e8c2-4161-9e53-12953d1a5b19) (PDF)

(TN-29-62) Download the low-level driver described in this document here (https://www.micron.com/~/media/Documents/Products/NAND%20Flash%20Software/Large_Page_SLC_1Gb_4Gb_device_driver.zip).

[NAND Flash \(/advanced-search?family=%7b71753F25-A039-401B-81C3-34429E447FA1%7d\)](#)

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File Type: PDF

Updated: 04/24/2017

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Product Marks, Product Labels, and Packaging Labels (/resource-details/a4b348cf-e8ca-434f-906c-3d1622a62161) (PDF)

(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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Micron BGA Manufacturer's User Guide (/resource-details/188d581c-b150-439e-9957-f67969d4146e) (PDF)

[DDR2 SDRAM \(/advanced-search?technology=%7b4B1D5D7B-0635-4135-BA94-7C0DD4F483A4%7d\)](#)
[DDR4 SDRAM \(/advanced-search?technology=%7b4C06AECB-A78A-405E-AC28-](#)

We use cookies to personalize and enhance your experience on our site. Visit our [personal preferences in our](#) (CSN-33) Provides information to enable customers to easily integrate both leading-edge and legacy technology into their manufacturing processes. It is intended as a set of high-level guidelines and a reference manual describing typical packages related and...

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	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F4G01ABAFDWB-IT:F	Sampling	N/A	NQ464	N/A	N/A	No		N/A

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