![Micron]

Search 🔍

# MT29F2G08ABBEAH4-IT

ADD    EMAIL    G+  in  🐦  f

| DATA SHEETS (1) | SPECS | SIM MODELS & SOFTWARE | ROHS CERTIFICATES | DOCUMENTATION & SUPPORT | PARTS WITH THE SAME DATA SHEET (21) | WHERE TO BUY |

## Data Sheets (1)

**Data Sheet** 🔒

### M69A SLC datasheet 2Gb: x8, x16 ECC NAND Flash Memory

M69A SLC datasheet

China
NAND Flash
SLC NAND
Taiwan
USA

**File Type:** PDF          **Updated:** 04/2014

DOWNLOAD

## Specs

### Orderable Parts for: MT29F2G08ABBEAH4-IT

SEE ALL SLC NAND PARTS

| | Status | Media | FBGA Code | SPD Data | Chipset Validation | PLP | Start Date | Alternative Part |
|---|---|---|---|---|---|---|---|---|
| MT29F2G08ABBEAH4-IT:E | Production | N/A | NQ264 | N/A | N/A | No | | N/A |

### Detailed Specifications

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Density** | 2Gb | **Status** | Production | **RoHS** | Yes | **Width** | x8 |
| **Voltage** | 1.8V | **Package** | VFBGA | **Pin Count** | 63-ball | **MT/s** | |
| **I/O** | Common | **Op Temp** | -40C to +85C | | | | |

# Sim Models & Software

## Sim Models

**HSpice** 🔒

### HSpice: NAND 2Gb SLC (Rev E) M69A (ZIP)

NAND Flash
SLC NAND

Rev. 2.1

**File Type:** ZIP     **Updated:** 10/01/2014

**DOWNLOAD**

---

**IBIS** 🔒

### IBIS: NAND 2Gb SLC (Rev E) M69A (ZIP)

NAND Flash
SLC NAND

Rev. 2.2

**File Type:** ZIP     **Updated:** 10/01/2014

**DOWNLOAD**

---

**Verilog** 🔒

### Verilog: NAND 2Gb SLC M69A (ZIP)

NAND Flash
SLC NAND

2Gb Verilog model Rev 7.30

**File Type:** ZIP     **Updated:** 08/21/2012

**DOWNLOAD**

---

## Software

**Software Support Pack**

### NAND FLASH lockunlock bug fix (ZIP)

MLC NAND
NAND Flash
SLC NAND

Reset NAND before write protect check.

**File Type:** ZIP     **Updated:** 03/31/2016

**DOWNLOAD**

---

**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.

**File Type:** ZIP     **Updated:** 03/31/2016

**DOWNLOAD**

---

**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          **DOWNLOAD**

---

**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          **DOWNLOAD**

---

**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          **DOWNLOAD**

---

# RoHS Certificates

**RoHS Certificates**

**RoHS Certificate of Compliance (PDF)**

MT29F2G08ABBEAH4-IT

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          **DOWNLOAD**

---

**RoHS Certificates**

**China RoHS Certificate (PDF)**

MT29F2G08ABBEAH4-IT

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

**File Type:** (PDF)          **Updated:** 11/2016          **DOWNLOAD**

---

# Documentation & Support

See All SLC NAND Documentation

# Technical Notes

**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

**DOWNLOAD**

---

**Technical Notes** 🔒

### TN-29-58: ONFI NV-DDR2 Design Guide (PDF)

NAND Flash
SLC NAND

(TN-29-58) This technical note explains the device features that enable NV-DDR2 and provides guidelines for system designs to enable I/O transfer rates of up to 400 MT/s using the NV-DDR2 interface.

**File Type:** PDF          **Updated:** 09/29/2016

**DOWNLOAD**

---

**Technical Notes**

### TN-29-76: Using the Block Lock Feature on MT29F NAND Flash Memory Devices (PDF)

NAND Flash
SLC NAND

(TN-29-76) This technical note describes the block lock feature on Micron's MT29F NAND Flash memory devices.

**File Type:** PDF          **Updated:** 08/16/2016

**DOWNLOAD**

---

**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.

**File Type:** PDF          **Updated:** 08/16/2016

**DOWNLOAD**

---

**Technical Notes**

### TN-26-03: How to Read, Program, and Manage Small Page NAND OTP Memory Area (PDF)

NAND Flash
SLC NAND

(TN-26-03) This technical note explains how to read, program, and manage small page NAND memory.

**File Type:** PDF          **Updated:** 08/16/2016

**DOWNLOAD**

## Parts with the same Data Sheet (21)

| | MT29F2G08ABBEAH4-IT<br>( Current ) | MT29F2G08ABAEAH4 | MT29F2G08ABAEAH4-IT | MT29F2G08ABAEAM69A3WC1 |
|---|---|---|---|---|
| Status | **Production** | Production | Production | **Contact Factory** |
| Density | **2Gb** | 2Gb | 2Gb | 2Gb |
| RoHS | **Yes** | Yes | Yes | Yes |
| Width | **x8** | x8 | x8 | x8 |
| Voltage | **1.8V** | **3.3V** | **3.3V** | **3.3V** |
| Package | **VFBGA** | VFBGA | VFBGA | **Wafer** |
| Pin Count | **63-ball** | 63-ball | 63-ball | **n/a** |
| MT/s | | | | |
| I/O | **Common** | Common | Common | Common |
| Op Temp | **-40C to +85C** | **0C to +70C** | -40C to +85C | **0C to +70C** |

## Where to Buy

### Orderable Parts

| | Status | Media | FBGA Code | SPD Data | Chipset Validation | PLP | Start Date | Alternative Part |
|---|---|---|---|---|---|---|---|---|
| MT29F2G08ABBEAH4-IT:E | **Production** | N/A | NQ264 | N/A | N/A | No | | N/A |

### Contact Your Sales Rep

- OR -

### Check with Distributors

**CONTACT A REP**

Your Region: Americas ▾

**VIEW**

**VIEW**

**See All Distributors**

## Solutions

Automotive Memory Solutions
Client SSD Storage
Data Center
Embedded Memory Solutions
Enterprise SSD Storage
Mobile Memory Solutions
Networking Innovations
Supercomputing Memory
Ultrathin Solutions

## Memory and Storage Products

DRAM
DRAM Modules
NAND Flash
Managed NAND
NOR Flash
Hybrid Memory Cube
Multichip Packages
Solid State Drives

## About

Our Company
News and Events
Micron Blogs
Micron Foundation
Emerging Technologies
Locations
Our Commitment
Investor Relations

## Support

Sales Network
Authorized Distributors
Contact Us
Jobs

## Contact Us

Sales Network
Authorized Sales
Site Map
Surplus Equipment
Terms of Use
Terms and Conditions of Sale
Privacy

**crucial** by Micron

**BALLISTIX** by Micron

**Lexar** by Micron

# X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* NAND Flash *category:*

*Click to view products by* Micron *manufacturer:*

Other Similar products are found below :

TC58BVG1S3HBAI6  EAN62827101  TC58NVG1S3HBAI4  MT29F256G08AUCABH3-10ITZ:A  MT29F4G08ABADAWP-ITX:D  MT29F128G08AKCABH2-10ITZ:A  MT29F64G08AECABH1-10ITZ:A  TH58NVG2S3HBAI4  S99ML04G10019  W29N02KVSIAF  MT29F4G01ABAFDWB-IT:F  MT29F8G01ADAFD12-IT:F TR  W25N01JWSFIT  AS5F34G04SND-08LIN  AS5F14G04SND-10LIN  AS5F32G04SND-08LIN  AS5F12G04SND-10LIN  AS5F31G04SND-08LIN  AS5F18G04SND-10LIN  W25N02JWTBIF  S34ML08G301TFI000  W25N02JWZEIC  W25N02JWSFIF  AS5F38G04SND-08LIN  AT45DQ161-SSHF-B  SST26WF080B-104I/MF  SST26WF016B-104I/MF  SST26VF064B-104I/SO  SST25VF512A-33-4I-SAE  MT29F128G08AJAAAWP-ITZ:A  MT29F2G08ABBEAH4-IT:E  MT29F32G08CBADAWP:D  SST26WF040B-104I/SN  SST25WF040B-40I/SN  SST25VF512A-33-4C-SAE  SST25VF040B-50-4I-S2AE  SST25VF010A-33-4I-SAE  SST25LF020A-33-4I-SAE  SST25WF080B-40I/SN  AT17F16-30CU  IS34ML01G084-TLI  S34ML08G101BHA000  S34ML16G202BHI000  TH58NYG3S0HBAI4  S34MS16G202BHI000  IS37SML01G1-LLI  IS34MW01G164-BLI  IS34ML01G084-BLI  IS34ML01G081-BLI  S34ML01G100TFB000