



MT29F8G08MAAWC-ET

DATA SHEETS (1) | SPECS | SIM MODELS & SOFTWARE | ROHS CERTIFICATES | DOCUMENTATION & SUPPORT | PARTS WITH THE SAME DATA SHEET (6) | WHERE TO BUY | DATA SHEETS (1) | SPECS | SIM MODELS & SOFTWARE

Data Sheets (1)

Data Sheet

L41A datasheet 8Gb, 16Gb, and 32Gb: x8 NAND Flash (NDA)

L41A datasheet

File Type: PDF

Updated: 05/2008

DOWNLOAD

China
MLC NAND
NAND Flash
Taiwan
USA

Specs

Orderable Parts for: MT29F8G08MAAWC-ET

[SEE ALL MLC NAND PARTS](#)

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F8G08MAAWC-ET:B	Obsolete	N/A	N/A	N/A	N/A	No		N/A

Detailed Specifications

Density	8Gb	Status	Obsolete	NAND Type	2D	RoHS	Yes
Width	x8	Voltage	3.3V	Package	TSOP	Pin Count	48-pin
Op. Temp.	-40C to +85C	MT/s		I/O	Common	Product Name	

Sim Models & Software

Software

Software Support Pack

[mtd-nand-use-a-lower-value-for-badblockbits-when-working-with-MLC-NAND \(ZIP\)](#)

MLC NAND
NAND Flash

MLC NANDs have more bit flips than SLC. When looking for a bad block marker we have a lot of false positives if we check for the whole byte. To avoid this tolerate a few (4 here) bit flips per byte.

File Type: ZIP

Updated: 03/31/2016

[DOWNLOAD](#)

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

[UBI power loss issue for paired page Ver2.0 \(ZIP\)](#)

MLC NAND
NAND Flash

These patches aim to solve MLC NAND paired page power loss issue by adding a backup volume module in the UBI layer. 70 series and 80 series families.

File Type: ZIP

Updated: 03/31/2016

[DOWNLOAD](#)

Software Support Pack

[fixup-ubi-cannot-recover-master node issue \(ZIP\)](#)

MLC NAND
NAND Flash

For MLC NAND, paired page issue is now a common known issue. This patch is just for master node cannot be recovered while there will be two pages damaged in one single master block.

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 number 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](#)

RoHS Certificates

RoHS Certificates

RoHS Certificate of Compliance (PDF)

MT29F8G08MAAWC-ET

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: 05/2017

[DOWNLOAD](#)

RoHS Certificates

China RoHS Certificate (PDF)

MT29F8G08MAAWC-ET

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

File Type: (PDF)

Updated: 05/2017

[DOWNLOAD](#)

Documentation & Support

[See All MLC NAND Documentation](#)

Technical Notes

[SEARCH \(4\) MLC NAND TECHNICAL NOTES](#)

Technical Notes

TN-00-33: Power Integrity Simulation with IBIS 5.0 Models (PDF)

3D NAND
DDR3 SDRAM
DDR4 SDRAM
DRAM
[See More Tags](#)

(TN-00-33) This technical note describes the new features in IBIS 5.0 enabling PI simulation. It also provides an overview of some of the modeling accuracy challenges and compares SSO simulation results using various electronic design automation (EDA) software tools.

File Type: PDF

Updated: 01/25/2016

[DOWNLOAD](#)

Technical Notes

TN-00-01: Moisture Sensitivity of Plastic Packages (PDF)

DDR SDRAM
DDR2 SDRAM
DDR3 SDRAM
DDR3L-RS
[See More Tags](#)

(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.

File Type: PDF

Updated: 02/14/2013

[DOWNLOAD](#)

TN-29-65: Software Device Drivers for Very Large Page Micron NAND Flash Memory (PDF)

MLC NAND
NAND Flash
SLC NAND

(TN-29-65) Download the low-level driver described in this document [here](#).

File Type: PDF

Updated: 10/15/2010

DOWNLOAD

Technical Notes

TN-29-61: Wear Leveling in NAND Flash Memory (PDF)

MLC NAND
NAND Flash
SLC NAND

(TN-29-61) This technical note describes the recommended wear leveling algorithm to be implemented in the FTL software for NAND Flash memory.

File Type: PDF

Updated: 10/15/2010

DOWNLOAD

SEARCH (4) MLC NAND TECHNICAL NOTES

Parts with the same Data Sheet (6)

MT29F8G08MAAWC-ET (Current)	MT29F16G08QAAWC	MT29F16G08QAAWC-ET	MT29F32G08TAAWC
Status	Obsolete	Obsolete	Obsolete
Density	8Gb	16Gb	32Gb
NAND Type	2D	2D	2D
RoHS	Yes	Yes	Yes
Width	x8	x8	x8
Voltage	3.3V	3.3V	3.3V
Package	TSOP	TSOP	TSOP
Pin Count	48-pin	48-pin	48-pin
Op. Temp.	-40C to +85C	0C to +70C	0C to +70C
MT/s			
I/O	Common	Common	Common
Product Name			

MT29F8G08MAAWC-ET

(Current)



Where to Buy

Status	Obsolete
Density	8Gb
NAND Type	2D
RoHS	Yes
Width	x8
Voltage	3.3V
Package	TSOP
Pin Count	48-pin
Op. Temp.	-40C to +85C
	MT/s
I/O	Common
Product Name	

Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
Obsolete	N/A	N/A	N/A	N/A	No		N/A

- OR - Check with Distributors

Your Region:

	VIEW
	VIEW

[See All Distributors](#)

Products

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

Solutions

- By Industry
 - Automotive Memory Solutions
 - Consumer/Connected Home
 - Embedded Memory Solutions
 - Federal Solutions
 - Mobile Memory Solutions
 - Networking Innovations

By Application

- Client SSD Storage
- Hyperscale/Private Cloud
- Data Center
- Storage Data Security
- Enterprise SSD Storage
- Supercomputing Memory
- Ultrathin Solutions

Support

- Contact Us
- Support Documentation and Downloads
- Sales Support
- Sales Network
- Authorized Sales
- Authorized Distributors
- Site Map
- Surplus Equipment
- Terms of Use
- Terms and Conditions of Sale
- Privacy

About

- Our Company
- News and Events
- Micron Blogs
- Jobs
- Micron Foundation
- History of Innovation
- Locations
- Our Commitment
- Investor Relations
- Suppliers

