

MT29F16G08CBACAWP

DATA SHEETS (1)

SPECS

SIM MODELS & SOFTWARE

ROHS CERTIFICATES

DOCUMENTATION & SUPPORT

PARTS WITH THE SAME DATA SHEET (2)

WHERE TO BUY

DATA SHEETS (1)

SPECS

SIM MODELS & SOFTWARE

Data Sheets (1)

Data Sheet



MLC NAND NAND Flash

File Type: PDF

Updated: 09/2012

DOWNLOAD

Specs

Orderable Parts for: MT29F16G08CBACAWP

SEE ALL MLC NAND PARTS

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F16G08CBACAWP:C	Production	N/A	N/A	N/A	N/A	No		N/A

Detailed Specifications

Density	16Gb	Status	Production	NAND Type	2D	Width	x8
Voltage	3.3V	Package	TSOP	Pin Count	48-pin	Op. Temp.	0C to +70C
MT/s		Product Name					

Sim Models & Software

Sim Models

Verilog



Verilog: NAND 16/32Gb MLC L72A (ZIP)

MLC NAND
NAND Flash

16/32Gb Verilog model Rev 7.30

File Type: ZIP

Updated: 08/30/2012

DOWNLOAD

HSpice



HSpice: NAND 16/32Gb MLC (Rev C) L72A (ZIP)

MLC NAND
NAND Flash

Rev. 2.0

File Type: ZIP

Updated: 02/18/2011

DOWNLOAD

IBIS



IBIS: NAND 16/32Gb MLC (Rev C) L72A (ZIP)

MLC NAND
NAND Flash

Rev. 2.0

File Type: ZIP

Updated: 02/18/2011

DOWNLOAD

Software

Software Support Pack

mtnd-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 bad block marker we have a lot of false positive if we check for the whole byte. To avoid this tolerate a few (4 here) bit flips for 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

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 two pages be damaged in one single master block.

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 bakvol (backup volume) module in UBI layer. 70 series and 80 series families.

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](#)

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

[DOWNLOAD](#)

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

[DOWNLOAD](#)

Documentation & Support

[See All MLC NAND Documentation](#)

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](#)

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.

File Type: PDF

Updated: 08/24/2018

[DOWNLOAD](#)

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...

File Type: PDF

Updated: 12/10/2014

[DOWNLOAD](#)

Parts with the same Data Sheet (2)

MT29F16G08CBACAWP (Current)		MT29F16G08CBACAL72A3W C1	MT29F32G08CFACAWP
Status	Production	Production	Obsolete
Density	16Gb	16Gb	32Gb
NAND Type	2D	2D	2D
Width	x8	x8	x8
Voltage	3.3V	3.3V	3.3V
Package	TSOP	Wafer	TSOP
Pin Count	48-pin	n/a	48-pin
Op. Temp.	0C to +70C	0C to +70C	0C to +70C
MT/s			
Product Name			

MT29F16G08CBACAWP (Current)	
Status	Production
Density	16Gb
NAND Type	2D
Width	x8
Voltage	3.3V
Package	TSOP
Pin Count	48-pin
Op. Temp.	0C to +70C
MT/s	
Product Name	

Where to Buy

- OR - Check with Distributors

Your Region: Americas



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
Embedded Memory Solutions
Federal Solutions
Financial Services
Industrial Memory Solutions
Mobile Memory Solutions
Networking Innovations

By Application

Client
Cloud
Data Center
Storage Data Security
Enterprise SSD Storage
Supercomputing Memory

Support

Contact Us
Support Documentation and Downloads
Sales Support
Sales Network
Authorized Sales
Authorized Distributors
Legal
Site Map
Surplus Equipment

About

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



©2018 Micron Technology, Inc. All rights reserved. Information, products, and/or specifications are subject to change without notice. All information is provided on an "AS IS" basis without warranties of any kind. Drawings may not be to scale. Micron, the Micron logo, and all other Micron trademarks are the property of Micron Technology, Inc. All other trademarks are the property of their respective owners.