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MT29F32G08CBCCBH1-12Z

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 

L73A NAND datasheet

L73A NAND datasheet

China
MLC NAND
NAND Flash
Taiwan
USA

File Type: PDF **Updated:** 08/2015

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Specs

Orderable Parts for: MT29F32G08CBCCBH1-12Z

[SEE ALL MLC NAND PARTS](#)

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F32G08CBCCBH1-12Z:C	Obsolete	N/A	NW490	N/A	N/A	No		N/A

Detailed Specifications

Density	32Gb	Status	Obsolete	NAND Type	2D	Width	x8
Voltage	3.3V	Package	VBGA	Pin Count	100-ball	Op. Temp.	0C to +70C
MT/s	166 MT/s	Product Name					

Sim Models & Software

Sim Models

HSpice



[HSpice: NAND 32/64/128/256Gb MLC \(Rev C\) L73A \(ZIP\)](#)

MLC NAND
NAND Flash

REV 2.1

File Type: ZIP

Updated: 01/13/2012

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IBIS



[IBIS: NAND 32/64/128/256Gb MLC \(Rev C\) L73A \(ZIP\)](#)

MLC NAND
NAND Flash

Rev. 2.1

File Type: ZIP

Updated: 01/13/2012

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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 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

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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

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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

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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

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Software Support Pack

YAFFS mark bad block issue (ZIP)

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.

MLC NAND
NAND Flash
SLC NAND

File Type: ZIP

Updated: 03/31/2016

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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 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

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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

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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.

File Type: PDF

Updated: 08/24/2018

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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

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Parts with the same Data Sheet (2)

MT29F32G08CBCCBH1-12Z
(Current)

MT29F32G08CBCCBH1-12ITZ

MT29F64G08CFACAWP-Z

Status	Obsolete	Production	Contact Factory
Density	32Gb	32Gb	64Gb
NAND Type	2D		2D
Width	x8	x8	x8
Voltage	3.3V	3.3V	3.3V
Package	VBGA	VBGA	TSOP
Pin Count	100-ball	100-ball	48-pin
Op. Temp.	0C to +70C	-40C to +85C	0C to +70C
MT/s	166 MT/s	166 MT/s	
Product Name			


MT29F32G08CBCCBH1-12Z
(Current)


Status	Obsolete
Density	32Gb
NAND Type	2D
Width	x8
Voltage	3.3V
Package	VBGA
Pin Count	100-ball
Op. Temp.	0C to +70C
MT/s	166 MT/s
Product Name	

Where to Buy

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- 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

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