We use cookies to personalize and enhance your experience on our site. Visit our Privacy Policy to learn more or manage your personal preferences in our Cookie Consent Tool. By using our site, you agree to our use of cookies.



g⁺ in **y** f

# MT29F64G08CBCDBJ4-6R

**SPECS** 

**MODELS &** 

**ROHS CERTIFICATES**  **DOCUMENTATION** & SUPPORT

**PARTS WITH** DATA **SHEET** 

WHERE

**SPECS** 

## Data Sheets (Z)

**Data Sheet** 

Data sheet: NAND 64/128/192/256/512Gb/1Tb, MLC, Async/Sync, L84C\_plus

Data sheet: NAND 64/128/192/256/512Gb/1Tb, MLC, Async/Sync, L84C\_plus

File Type: PDF

**Updated:** 01/2018

FortisFlash MLC NAND NAND Flash

**DOWNLOAD** 

**Errata** 

Errata\_MT29F64Gb\_128Gb\_256Gb\_512Gb\_1Tb\_L84C

Errata\_MT29F64Gb\_128Gb\_256Gb\_512Gb\_1Tb\_L84C

File Type: PDF **Updated: 04/2015** 

China FortisFlash MLC NAND NAND Flash Taiwan USA

**DOWNLOAD** 

Specs

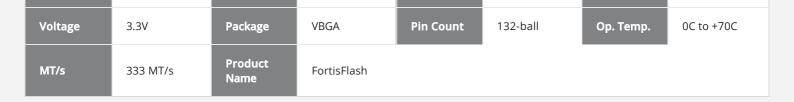
Orderable Parts for: MT29F64G08CBCDBJ4-6R

**SEE ALL MLC NAND PARTS** 

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F64G08CBCDBJ4- 6R:D	Production	N/A	NW647	N/A	N/A	No		N/A

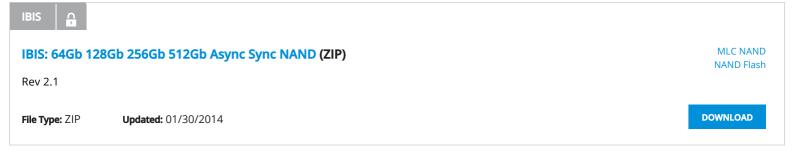
## **Detailed Specifications**





# Sim Models & Software

## Sim Models





MLC NAND NAND Flash

Rev 2.1

**File Type:** ZIP **Updated:** 01/30/2014

DOWNLOAD

## 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 that 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)**

Reset NAND before write protect check.

NAND Flash SLC NAND

MLC NAND

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

DOWNLOAD

## Software Support Pack

cannot be recovered while there will two pages be dameged 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

## **Technical Notes**

#### **SEARCH (4) MLC NAND TECHNICAL NOTES**

## Technical Notes

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

(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

3D NAND DDR3 SDRAM DDR4 SDRAM DRAM See More Tags

DOWNLOAD

#### **Technical Notes**

### TN-00-01: Moisture Sensitivity of Plastic Packages (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.

File Type: PDF

**Updated:** 02/14/2013

DDR SDRAM DDR2 SDRAM DDR3 SDRAM DDR3L-RS See More Tags

DOWNLOAD

## **Customer Service Notes**

**SEE ALL CUSTOMER SERVICE NOTES** 

#### **Customer Service Note**

## Product Marks, Product Labels, and Packaging Labels (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

3D XPoint Client Cloud Cloud See More Tags

DOWNLOAD

#### **Customer Service Note**

## Micron BGA Manufacturer's User Guide (PDF)

(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

DDR2 SDRAM DDR4 SDRAM Embedded USB eMMC See More Tags

DOWNLOAD

# Parts with the same Data Sheet (1)

## MT29F64G08CBCDBJ4-6R ( Current )

## MT29F128G08CECDBJ4-6R

Status	Production	Production		
Density	64Gb	128Gb		
NAND Type	2D	2D		
Width	<b>x8</b>	x8		
Voltage	3.3V	3.3V		
Package	VBGA	VBGA		
Pin Count	132-ball	132-ball		
Op. Temp.	0C to +70C	0C to +70C		
MT/s	333 MT/s	333 MT/s		
Product Name	FortisFlash	FortisFlash		

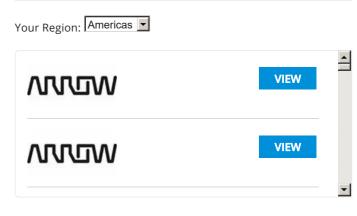
## MT29F64G08CBCDBJ4-6R

( Current )

Status	Production
Density	64Gb
NAND Type	2D
Width	<b>x8</b>
Voltage	3.3V
Package	VBGA
Pin Count	132-ball
Op. Temp.	0C to +70C
MT/s	333 MT/s
Product Name	FortisFlash

# Where to Buy

- OR - Check with Distributors



**See All Distributors** 

DRAM
DRAM Modules
NAND Flash
Managed NAND
NOR Flash
Hybrid Memory Cube
Multichip Packages
Memory Cards

Solid State Drives

**Products** 

By Industry
Automotive Memory Solutions
Consumer
Embedded Memory Solutions
Federal Solutions
Financial Services

Industrial Memory Solutions

Mobile Memory Solutions

**Networking Innovations** 

Solutions

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 Micron Technology, Inc. All other trademarks are the property of Micron Technology.