



[ADD](#) |
 [EMAIL](#) |
 [g+](#) |
 [in](#) |
 [twitter](#) |
 [f](#)

MT29F32G08ABEDBJ4-12

[DATA SHEETS \(1\)](#) |
 [SPECS](#) |
 [SIM MODELS & SOFTWARE](#) |
 [ROHS CERTIFICATES](#) |
 [DOCUMENTATION & SUPPORT](#) |
 [PARTS WITH THE SAME DATA SHEET \(3\)](#) |
 [WHERE TO BUY](#) |
 [DATA SHEETS \(1\)](#) |
 [SPECS](#) |
 [SIM MODELS & SOFTWARE](#)

Data Sheets (1)

[Data Sheet](#)

M83C SLC NAND datasheet

M83C SLC NAND datasheet

China
NAND Flash
SLC NAND
Taiwan
USA

File Type: PDF **Updated:** 06/2015

[DOWNLOAD](#)

Specs

Orderable Parts for: MT29F32G08ABEDBJ4-12

[SEE ALL SLC NAND PARTS](#)

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F32G08ABEDBJ4-12:D	Contact Factory	N/A	NW642	N/A	N/A	No		N/A

Detailed Specifications

Density	32Gb	Status	Contact Factory	RoHS	Yes	Width	x8
Voltage	3.3V	Package	VBGA	Pin Count	132-ball	MT/s	166 MT/s
I/O	Common	Op Temp	0C to +70C				

Sim Models & Software

Sim Models

Verilog



Verilog : NAND 32Gb to 256Gb Synchronous NAND SLC M83C (ZIP)

NAND Flash
SLC NAND

32/256 Gb Verilog Model Rev 7.30

File Type: ZIP

Updated: 03/06/2017

DOWNLOAD

IBIS



IBIS: 32Gb 64Gb 128Gb 256Gb Async Sync NAND (ZIP)

NAND Flash
SLC NAND

M83C, Rev 2.0

File Type: ZIP

Updated: 01/30/2014

DOWNLOAD

HSpice



HSpice: 32Gb 64Gb 128Gb 256Gb Async Sync NAND (ZIP)

NAND Flash
SLC NAND

M83C, Rev 2.0

File Type: ZIP

Updated: 01/30/2014

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)

MT29F32G08ABEDBJ4 12

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: 04/2017

DOWNLOAD

RoHS Certificates

China RoHS Certificate (PDF)

MT29F32G08ABEDBJ4 12

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

File Type: (PDF)

Updated: 04/2017

DOWNLOAD

Documentation & Support

Technical Notes

SEARCH (17) SLC NAND 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-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

Technical Notes

TN-21-27: How to Read the Unique Identifier in Small Page NAND Memory (PDF)NAND Flash
SLC NAND

(TN-21-27) This technical note explains how to read the unique ID in small page NAND memory.

SEARCH (17) SLC NAND TECHNICAL NOTES

Parts with the same Data Sheet (3)

MT29F32G08ABEDBJ4-12 (Current)		MT29F64G08AEEDBJ4-12	MT29F128G08AMEDBJ5-12	MT29F256G08AUEDBJ6-12
Status	Contact Factory	Contact Factory	Contact Factory	Contact Factory
Density	32Gb	64Gb	128Gb	256Gb
RoHS	Yes	Yes	Yes	Yes
Width	x8	x8	x8	x8
Voltage	3.3V	3.3V	3.3V	3.3V
Package	VBGA	VBGA	TBGA	LBGA
Pin Count	132-ball	132-ball	132-ball	132-ball
MT/s	166 MT/s	166 MT/s	166 MT/s	166 MT/s
I/O	Common	Common	Common	Common
Op Temp	0C to +70C	0C to +70C	0C to +70C	0C to +70C

MT29F32G08ABEDBJ4-12
(Current)

Status	Contact Factory
Density	32Gb
RoHS	Yes
Width	x8
Voltage	3.3V
Package	VBGA
Pin Count	132-ball
MT/s	166 MT/s
I/O	Common

Where to Buy

Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
Contact Factory	N/A	NW642	N/A	N/A	No		N/A

- OR - Check with Distributors



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
- History of Innovation
- Locations
- Our Commitment
- Investor Relations
- Suppliers

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

