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MT29F128G08AECBBH6-6IT

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Data Sheets (2)

Data Sheet 


Datasheet: NAND 64/128/256/512Gb, Async/Sync, SLC, M84C

M84C SLC datasheet

China
NAND Flash
SLC NAND
Taiwan
USA

File Type: PDF **Updated:** 02/2018

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Errata 

Errata_MT29F64Gb_128Gb_256Gb_512Gb_M84C

Errata_MT29F64Gb_128Gb_256Gb_512Gb_M84C

China
NAND Flash
SLC NAND
Taiwan
USA

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Specs

Orderable Parts for: MT29F128G08AECBBH6-6IT

SEE ALL SLC NAND PARTS

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F128G08AECBBH6-6IT:B	Production	N/A	NW736	N/A	N/A	No		N/A


Detailed Specifications


Downloaded from Arrow.com	Production	Width	x8	Voltage	3.3V
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Package	VBGA	Pin Count	152-ball	MT/s	333 MT/s	Op Temp	-40C to +85C
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Sim Models & Software

Sim Models


HSpice 		
HSpice: 64Gb 128Gb 256Gb 512Gb Async Sync NAND (ZIP)		NAND Flash SLC NAND
M84C, Rev 2.2		
File Type: ZIP	Updated: 11/17/2014	DOWNLOAD

IBIS 		
IBIS: 64Gb 128Gb 256Gb 512Gb Async Sync NAND (ZIP)		NAND Flash SLC NAND
M84C, Rev 2.2		
File Type: ZIP	Updated: 11/17/2014	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

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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

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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 SLC NAND Documentation](#)

Technical Notes

Technical Notes

TN-29-62: Software Device Drivers for Large Page Micron NAND Flash Memory Devices (PDF)NAND Flash
SLC NAND

(TN-29-62) Download the low-level driver described in this document [here](#).

File Type: PDF

Updated: 04/24/2017

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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

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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 (3)


MT29F128G08AECBBH6-6IT (Current)		MT29F128G08AEEBBH6-12	MT29F512G08AUEBBH8-12	MT29F512G08AUEBBK8-12
Status	Production	Contact Factory	End of Life	End of Life
Density	128Gb	128Gb	512Gb	512Gb
Width	x8	x8	x8	x8
Voltage	3.3V	3.3V	3.3V	3.3V
Package	VBGA	VBGA	LBGA	LBGA
Pin Count	152-ball	152-ball	152-ball	152-ball
MT/s	333 MT/s	166 MT/s	166 MT/s	166 MT/s
Op Temp	-40C to +85C	0C to +70C	0C to +70C	0C to +70C


MT29F128G08AECBBH6-6IT (Current)	
Status	Production
Density	128Gb
Width	x8
Voltage	3.3V
Package	VBGA
Pin Count	152-ball
MT/s	333 MT/s
Op Temp	-40C to +85C

Where to Buy

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Products

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- NOR Flash
- Hybrid Memory Cube
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- Memory Cards
- Solid State Drives

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- Consumer
- Embedded Memory Solutions
- Federal Solutions
- Financial Services
- Industrial Memory Solutions
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- Networking Innovations

By Application

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- Enterprise SSD Storage
- Supercomputing Memory

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