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Data Sheets (1)

Data Sheet	
Datasheet: NAND 64/128/256/512Gb, Async/Sync, SLC, M84C M84C SLC datasheet	China NAND Flash SLC NAND Taiwan USA
File Type: PDFUpdated: 10/2014	DOWNLOAD

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Orderable Parts for: MT29F256G08AMEBBH7-12 SEE ALL SLC NAND PARTS FBGA SPD Chipset Alternative PLP Status Code Data Date Part MT29F256G08AMEBBH7-N/A NW693 N/A N/A No N/A 12:B

Detailed Specifications

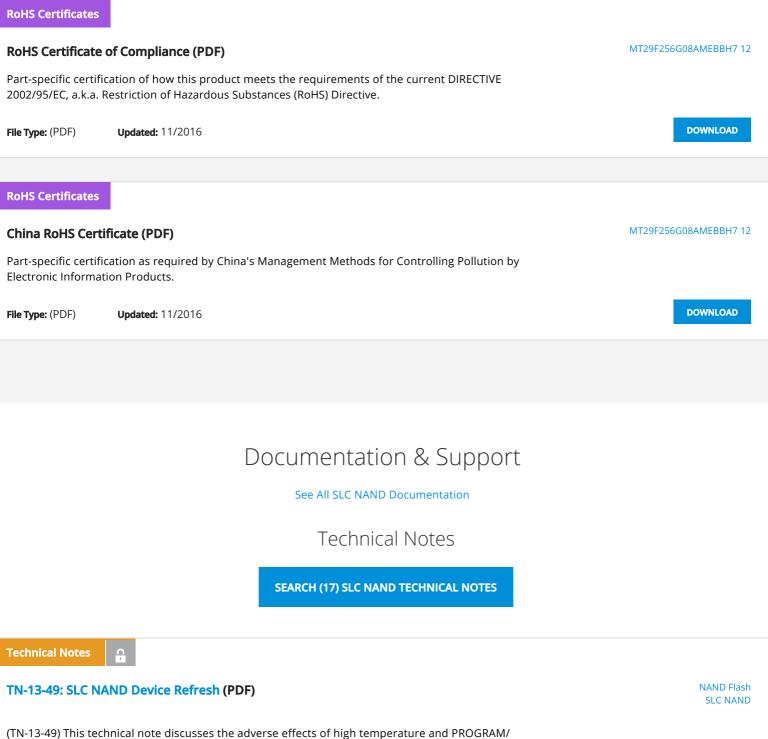
Density	256Gb	Status	Contact Factory	RoHS	Yes	Width	x8
Voltage	3.3V	Package	TBGA	Pin Count	152-ball	MT/s	166 MT/s
I/O	Common	Op Temp	0C to +70C				

Sim Models & Software

Software

Software Support Pack	
NAND FLASH lockunlock bug fix (ZIP)	MLC NAND NAND Flash
Reset NAND before write protect check.	SLC NAND
File Type: ZIP Updated: 03/31/2016	DOWNLOAD
Software Support Pack	
YAFFS mark bad block issue (ZIP)	MLC 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.	NAND Flash SLC NAND
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.	SECIMAND
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.	
	DOWNLOAD
File Type: ZIP Updated: 04/05/2013	
File Type: ZIP Updated: 04/05/2013 Software Driver	
	NAND Flash Serial NAND SLC NAND
Software Driver MT29F, SLC, 60 Series (1Gb, 2Gb, 4Gb) General Low-Level Driver for SPI NAND Flash	NAND Flash Serial NAND

RoHS Certificates



(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

Technical Notes

TN-29-58: ONFI NV-DDR2 Design Guide (PDF)

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(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

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NAND Flash

SLC NAND

Downloaded from Arrow.com.

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 tec memory devices.	hnical note describes the block lock feature on Micron's MT29F NAND Flash	
File Type: PDF	Updated: 08/16/2016	DOWNLOAD
Technical Notes	a	
TN-29-51: Migrat	ing from 50-Series to 60-Series SLC NAND (PDF)	Embedded Memory Solutions NAND Flash SLC NAND
	hnical note supplements the product change notification (PCN) covering the cron® 50-series (50nm) to 60-series (34nm) single-level cell (SLC) NAND Flash	
File Type: PDF	Updated: 08/16/2016	DOWNLOAD
Technical Notes		
TN-26-03: How to (PDF)	o Read, Program, and Manage Small Page NAND OTP Memory Area	NAND Flash SLC NAND
(TN-26-03) This tec memory.	hnical note explains how to read, program, and manage small page NAND	
File Type: PDF	Updated: 08/16/2016	DOWNLOAD

SEARCH (17) SLC NAND TECHNICAL NOTES

Parts with the same Data Sheet (6)

	MT29F256G08AMEBBH7-12 (Current)		MT29F64G08ABCBBH6-6IT	MT29F128G08AECBBH6-6IT	MT29F256G08AMCBBH7-6IT
	Status	Contact Factory	Production	Production	Production
	Density	256Gb	64Gb	128Gb	256Gb
	RoHS	Yes	Yes	Yes	Yes
	Width	x8	x8	x8	x8
<	Voltage	3.3V	3.3V	3.3V	3.3V
Dow	Package	TBGA	VBGA	VBGA	TBGA
C	Voltage	3.3V TBGA	3.3V	3.3V	3.3V

Pin Count	152-ball	152-ball	152-ball	152-ball
MT/s	166 MT/s	333 MT/s	333 MT/s	333 MT/s
I/O	Common	Common	Separate	Common
Op Temp	0C to +70C	-40C to +85C	-40C to +85C	-40C to +85C

Where to Buy

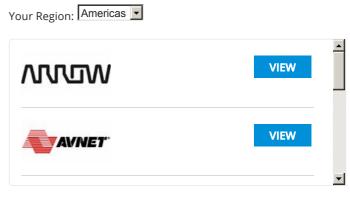
Orderable Parts

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT29F256G08AMEBBH7- 12:B	Contact Factory	N/A	NW693	N/A	N/A	No		N/A

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