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MT29F1G08ABADAH4-ITX

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Specs

Production

Density	1Gb	Status	Production
RoHS	Yes	Width	x8
Voltage	3.3V	Package	VFBGA
Pin Count	63-ball	MT/s	
I/O	Common		

- **FBGA Code:** NQ432
- **SPD Data:** none
- **Validated Chipsets:** none

Data Sheets (1)

1Gb x8, x16: ECC NAND Flash Memory M

View Datasheet Download PDF

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Parts with the same data sheets (16)

- MT29F1G08ABADAH4
- MT29F1G08ABADAWP
- MT29F1G08ABADAWP-IT
- MT29F1G08ABBDAH4

Where to Buy

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Recently Added

Date	What was added
10/2012	1Gb x8, x16: ECC NAND Flash Memory M68A
08/2012	Verilog: NAND 1Gb SLC M68A

FAQs

- Do you support small block devices?
- How much ECC do I need to support your devices?
- I am using the correct amount of error correction code (ECC) for the NAND device, but I'm still seeing bit/byte errors in data I read back from the NAND device.
- **See all FAQs**

Sim Models & Software

Title & Description	Secure	ID	Updated
HSpice: NAND 1Gb SLC (Rev D) M68A: Rev. 2.0		M68A	07/2010
IBIS: NAND 1Gb SLC (Rev D) M68A: Rev. 2.1		M68A	04/2011

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Documentation & Support

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SLC NAND FAQs (3)

Do you support small block devices?
How much ECC do I need to support your devices?
I am using the correct amount of error correction code (ECC) for the NAND device, but I'm still seeing bit/byte errors in data I read back from the NAND device.

NAND Flash FAQs (15)

How do I achieve greater PROGRAM/READ throughput for the NAND device?
How is Nvb specified?
I am seeing a lot of READ DISTURB errors. Can you tell me if there is a problem with your part?
I've heard that NAND has too many errors to boot from. Is this true?
Should I be marking blocks bad due to READ errors?
When I issue a Read ID command (90h) to a two-die NAND device, I get a device ID back that states it is a one-die NAND device.
Where can I find additional technical information about Micron NAND devices that is not covered in the device data sheets?
Where can I find simulation models for NAND Flash devices?
Why am I getting a bit/byte error reading back the information I programmed into the NAND device?
Why doesn't the NAND Flash device respond correctly to commands issued to it?
Does thermal information change for IT parts?
My design was based on a specification stating the JTAG was relative to VDD (1.8V), but now we've discovered that JTAG is actually relative to VDDQ (1.5V). It's a fairly significant board spin to change this; what do I risk by leaving the design as-is? I assume that the specification is still for VDDQ + 0.3V = 1.8V, but with CMOS parts there's no way I can guarantee that it won't swing past that on transitions.
Should the ECC memory chip share chip select and CKE signals with the other two main memory chips in our point-to-point application?
What is a "bank"?
What is the impedance tolerance of the driver in match-impedance mode relative to the expected value base on the perfect reference resistor connected to ZQ pin?

Products and Support FAQs (1)

Who do I contact if I have questions about my buymicron.com order?

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