

MT29F128G08CEEDBJ4-12

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Orderable Part Information

| Status | Production | Alternative Part | N/A |
|-------------|------------|------------------|-----|
| FBGA Code | NW553 | SPD Data | N/A |
| MBQual Data | N/A | Shipping Media | N/A |
| PLP | No | Start Date | N/A |

Specs

| | | | |
|-----------|----------|--------------|------------|
| Density | 128Gb | Status | Production |
| RoHS | Yes | Width | x8 |
| Voltage | 3.3V | Package | VBGA |
| Pin Count | 132-ball | MT/s | 166 MT/s |
| I/O | Common | Product Name | |

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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 bitbyte errors in data I read back from the NAND device.
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- + 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 bitbyte errors in data I read back from the NAND device.

- + 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 bitbyte 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?
- + 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?
- + 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 (1.8V). 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?

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