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Quick Specification

Product Basic Information

Part Number	THGBMJG6C1LBAIL
Brand	Kioxia America, Inc.
Category	eMMC 5.1 NAND Flash Memory
Package	153-ball FBGA
Mounting Type	Surface Mount (SMD)
RoHS / Lead-Free	Lead Free / RoHS Compliant
Stock Status	Available
Update Date	2025-12-29

Key Parameters

Voltage / Current	2.7V ~ 3.6V / 1.2V Core
Frequency	HS200 / HS400 Mode
Interface	eMMC 5.1
Memory Size	64GB
Speed	High Speed Read / Write
Tolerance	Industrial Standard
Power Rating	Low Power Consumption
Operating Temperature	-40°C to +85°C
Dimensions	11.5mm x 13mm
Packaging	Tape & Reel

Typical Applications

- Industrial Control
- Automotive Electronics
- Consumer Devices
- Communication Equipment
- Embedded Systems
- Medical Equipment

Selection & Replacement Notes

- **Must Match:** eMMC version (5.1), capacity, voltage, package footprint, pinout
- **May Be Flexible:** Brand, temperature grade, packaging type
- **Verify Suffix / Package:** FBGA ball map, speed grade, capacity code, dimensions
- **Compatibility Notes:** Confirm host eMMC support, driver compatibility, and timing before replacement

Need quotation, stock check, or alternative part support? Contact ERSA Electronics.
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