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Quick Specification

Product Basic Information

Part Number	MT25QL128ABA8E12-1SIT
Brand / Manufacturer	Micron Technology
Category	Flash Memory - NOR Flash
Package	8-pin WPDFN (USON8)
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, Low Power Consumption
Interface	SPI / Quad SPI (QPI)
Memory Size	128Mb (16MB)
Speed	133MHz (Max)
Tolerance	Standard Industrial Grade
Power Rating	Low Power, Standby & Active Mode
Operating Temperature	-40°C to +85°C
Dimensions	3x2mm USON8
Packaging	Tape & Reel

Typical Applications

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

Selection & Replacement Notes

- **Must Match:** Memory size, interface type (SPI/QPI), voltage range, package footprint, speed grade
- **May Be Flexible:** Brand, temperature range (industrial/auto), packaging type (tape/tube)
- **Verify Suffix/Package:** Pin count, package size (3x2mm USON8), speed suffix (12), operating temp suffix
- **Compatibility Notes:** Confirm pin definition, firmware support, and host controller compatibility before replacement

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