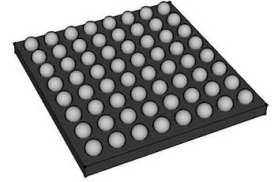



**DRAM Chip Mobile LPDDR4 SDRAM 4Gbit 128Mx32
Automotive 200-Pin WFBGA Tray**



Images are for reference only

| | |
|----------------------|--|
| Manufacturer: | Micron Semiconductor Products Inc |
| Package/Case: | BGA |
| Product Type: | Memory |
| RoHS: | RoHS Compliant/Lead free  |
| Lifecycle: | Active |

[Inquiry](#)

General Description

The MT53E128M32D2DS-053 AIT:A is a Double Data Rate 4 Synchronous Dynamic Random-Access Memory (DDR4 SDRAM) module. DDR4 is the latest generation of DDR memory, providing improved data transfer rates and lower power consumption compared to DDR3 memory.

Key Features

Memory Capacity: The "128M32" in the part number indicates that the memory module has 128 megabytes (MB) x 32 memory cells, which results in a total memory capacity of 4 gigabytes (GB).

Data Rate: DDR4 SDRAMs offer higher data transfer rates compared to previous DDR3 memory modules, allowing for faster data access and improved system performance.

High-Speed Operation: The MT53E128M32D2DS-053 AIT:A memory module operates at high clock frequencies to achieve its data transfer rates.

Non-Volatile Memory: DDR4 SDRAM is a volatile memory, meaning its data is lost when power is removed. It requires refreshing to maintain data integrity during operation.

Industry-Standard Interface: The module follows the industry-standard DDR4 SDRAM interface, making it compatible with DDR4 memory slots on various computer systems.

DRAM Chip Technology: The "DS" in the part number indicates that the memory module uses Double Sided DRAM chips.

Application

Personal Computers
Servers and Data Centers
Networking Equipment
Embedded Systems

Recommended For You

MIFC16GAPALBH-IT

Micron Semiconductor Products Inc

BGA

MT25QU128ABA1EW9-0SIT

Micron Semiconductor Products Inc

WPDFN8

MT41K128MI6JT-125 XIT:K

Micron Semiconductor Products Inc

FBGA

MI29F1G08ABAEAWP:E

Micron Semiconductor Products Inc
TSOP48

MI47H128M8SH-25E:M

Micron Semiconductor Products Inc
FBGA

MI29F32G08ABAAAWP-ITZ:A

Micron Semiconductor Products Inc
TSOP48

MI47H64MI6NF-25E:M

Micron Semiconductor Products Inc
BGA

MI41K64MI6TW-107:J

Micron Semiconductor Products Inc
BGA

MI41K256MI6TW-107 AIT:P

Micron Semiconductor Products Inc
FBGA96

MI41K128MI6JT-125:K

Micron Semiconductor Products Inc
FBGA

MI47H128MI6RT-25E:C

Micron Semiconductor Products Inc
FBGA

MI48LC16MI6A2P-6A:G

Micron Semiconductor Products Inc
TSOP54

MI29F4G08ABADAWP-IT:D

Micron Semiconductor Products Inc
TSOP48

MI47H128MI6RT-25E IT:C

Micron Semiconductor Products Inc
FBGA

MI25QU01GBBB8ESF-0SIT

Micron Semiconductor Products Inc
SOP16