

MT41K512M8RH-107 IT:E



Part Number: MT41K512M8RH-107 IT:E

Manufacturer: Micron Technology

Description: IC DRAM 4G PARALLEL 78FBGA

Data sheet:  
 MT41K1G4,MT41K512M8,MT41K256M16 1.35V DDR3L SDRAM

RoHs Status: Lead free / RoHS Compliant

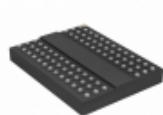
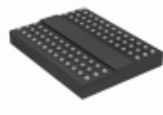
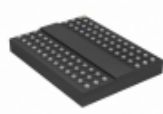
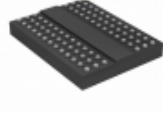
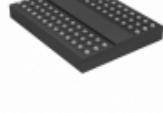
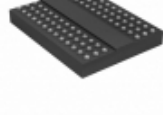
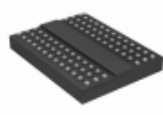
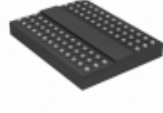
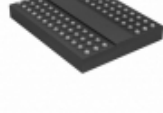
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |                                  |                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MT41K512M8RH-107 IT:E                            | Manufacturer                     | Micron Technology                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                           | IC DRAM 4G PARALLEL 78FBGA                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                    | 3812 pcs                                         | Data sheet                       | MT41K1G4,MT41K512M8,MT41K256M16 1.35V DDR3L SDRAM                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                              | Integrated Circuits (ICs)                        | Write Cycle Time - Word, Page    | -                                                                            |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                      | 1.283 V ~ 1.45 V                                 | Technology                       | SDRAM - DDR3L                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                               | 78-FBGA (9x10.5)                                 | Series                           | -                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                             | Tray                                             | Package / Case                   | 78-TFBGA                                                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                           | MT41K512M8RH-107 IT:E-ND<br>MT41K512M8RH-107IT:E | Operating Temperature            | -40°C ~ 95°C (TC)                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | Volatile                                         | Memory Size                      | 4Gb (512M x 8)                                                               |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                      | Parallel                                         | Memory Format                    | DRAM                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                       | Detailed Description             | SDRAM - DDR3L Memory IC 4Gb (512M x 8) Parallel 933MHz 20ns 78-FBGA (9x10.5) |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                       | 933MHz                                           | Base Part Number                 | MT41K512M8                                                                   |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                           | 20ns                                             |                                  |                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                               |                                  |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|-----|
|  | Part#: MT41K512M8RH-125 AIT:E TR<br>Description: IC DRAM 4G PARALLEL 78FBGA   | Manufacturers: Micron Technology | RFQ |
|  | Part#: MT41K512M8DA-107:P<br>Description: IC DRAM 4G PARALLEL 78FBGA          | Manufacturers: Micron Technology | RFQ |
|  | Part#: MT41K512M8DA-125:P<br>Description: IC DRAM 4G PARALLEL 800MHZ          | Manufacturers: Micron Technology | RFQ |
|  | Part#: MT41K512M8RG-107:N TR<br>Description: IC DRAM 4G PARALLEL 78FBGA       | Manufacturers: Micron Technology | RFQ |
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|  | Part#: MT41K512M8RH-125 IT:E TR<br>Description: IC DRAM 4G PARALLEL 78FBGA    | Manufacturers: Micron Technology | RFQ |
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|  | Part#: MT41K512M8DA-107 XIT:P TR<br>Description: IC DRAM 4G PARALLEL 78FBGA   | Manufacturers: Micron Technology | RFQ |
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