

MT41K1G8TRF-107:E



Part Number: [MT41K1G8TRF-107:E](#)

Manufacturer: [Micron Technology](#)

Description: IC DRAM 8G PARALLEL 78FBGA

Data sheet:  [MT41K2G4](#), [MT41K1G8](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                              |                                |                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MT41K1G8TRF-107:E                                                            | Manufacturer                   | <a href="#">Micron Technology</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC DRAM 8G PARALLEL 78FBGA                                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3456 pcs                                                                     | Data sheet                     | <a href="#">MT41K2G4</a> , <a href="#">MT41K1G8</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                    | Write Cycle Time - Word, Page  | -                                                   |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.283 V ~ 1.45 V                                                             | Technology                     | SDRAM - DDR3L                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                          | 78-FBGA (9.5x11.5)                                                           | Series                         | -                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tray                                                                         | Package / Case                 | 78-TFBGA                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0°C ~ 95°C (TC)                                                              | Mounting Type                  | Surface Mount                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                                                                | Memory Type                    | Volatile                                            |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8Gb (1G x 8)                                                                 | Memory Interface               | Parallel                                            |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DRAM                                                                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | SDRAM - DDR3L Memory IC 8Gb (1G x 8) Parallel 933MHz 20ns 78-FBGA (9.5x11.5) | Clock Frequency                | 933MHz                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MT41K1G8                                                                     | Access Time                    | 20ns                                                |
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|  | Part#: <a href="#">MT41K256M16HA-107 IT:E TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8SN-107 IT:A TR</a><br>Description: IC DRAM 8G PARALLEL 78FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8SN-107:A</a><br>Description: IC DRAM 8G PARALLEL 78FBGA          | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8SN-125:A TR</a><br>Description: IC DRAM 8G PARALLEL 78FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8SN-125:A</a><br>Description: IC DRAM 8G PARALLEL 78FBGA          | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8SN-125 IT:A TR</a><br>Description: IC DRAM 8G PARALLEL 78FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8SN-125 IT:A</a><br>Description: IC DRAM 8G PARALLEL 800MHZ       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K256M16HA-107:E TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G8TRF-125 IT:E TR</a><br>Description: IC DRAM 8G PARALLEL 78FBGA   | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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