

MT41K1G4THD-15E:D



**Part Number:** [MT41K1G4THD-15E:D](#)

**Manufacturer:** [Micron Technology](#)

**Description:** IC DRAM 4G PARALLEL 78FBGA

**Data sheet:**  [MT41K\\_1G4,512M8](#)

**RoHs Status:** Lead free / RoHS Compliant

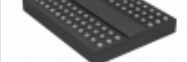
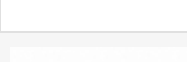
**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                             |                                |                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MT41K1G4THD-15E:D                                                           | Manufacturer                   | <a href="#">Micron Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC DRAM 4G PARALLEL 78FBGA                                                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1620 pcs                                                                    | Data sheet                     | <a href="#">MT41K_1G4,512M8</a>   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                   | Write Cycle Time - Word, Page  | -                                 |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.283 V ~ 1.45 V                                                            | Technology                     | SDRAM - DDR3                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                          | 78-FBGA (9x11.5)                                                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4Gb (1G x 4)                                                                | Memory Interface               | Parallel                          |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DRAM                                                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | SDRAM - DDR3 Memory IC 4Gb (1G x 4) Parallel 667MHz 13.5ns 78-FBGA (9x11.5) | Clock Frequency                | 667MHz                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MT41K1G4                                                                    | Access Time                    | 13.5ns                            |
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|  | Part#: <a href="#">MT41K1G4RG-107:N TR</a><br>Description: IC DRAM 4G PARALLEL 933MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G4RH-107:E</a><br>Description: IC DRAM 4G PARALLEL 78FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MT41K1G4RH-107:E TR</a><br>Description: IC DRAM 4G PARALLEL 78FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MT41K1G4RH-125:E TR</a><br>Description: IC DRAM 4G PARALLEL 78FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G4THV-15E:M</a><br>Description: IC DRAM 4G PARALLEL 78FBGA      | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G4RG-107:N</a><br>Description: IC DRAM 4G PARALLEL 933MHZ       | 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="#">MT41K1G4THD-187E:D</a><br>Description: IC DRAM 4G PARALLEL 78FBGA     | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MT41K1G8SN-107 IT:A</a><br>Description: IC DRAM 8G PARALLEL 78FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G16DGA-125:A</a><br>Description: IC DRAM 16G PARALLEL 800MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G4RH-125:E</a><br>Description: IC DRAM 4G PARALLEL 78FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT41K1G4DA-107:P</a><br>Description: IC DRAM 4G PARALLEL 78FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |

|                                               |                                          |                            |                         |
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