

MT48LC16M16A2B4-7E:G



Part Number: MT48LC16M16A2B4-7E:G

Manufacturer: Micron Technology

Description: IC DRAM 256M PARALLEL 54VFBGA

Data sheet:  MT48LCxxM4/8/16A2

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                                                                                                                                                                                                                                                                                                                                                                                                           | MT48LC16M16A2B4-7E:G                                                  | Manufacturer                   | Micron Technology          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                           | IC DRAM 256M PARALLEL 54VFBGA                                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                    | 13471 pcs                                                             | Data sheet                     | MT48LCxxM4/8/16A2          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                              | Integrated Circuits (ICs)                                             | Write Cycle Time - Word, Page  | 14ns                       |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                      | 3 V ~ 3.6 V                                                           | Technology                     | SDRAM                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                               | 54-VFBGA (8x8)                                                        | Series                         | -                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                             | Tray                                                                  | Package / Case                 | 54-VFBGA                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 70°C (TA)                                                       | Mounting Type                  | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                                                         | Memory Type                    | Volatile                   |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                           | 256Mb (16M x 16)                                                      | Memory Interface               | Parallel                   |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                         | DRAM                                                                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                  | SDRAM Memory IC 256Mb (16M x 16) Parallel 133MHz 5.4ns 54-VFBGA (8x8) | Clock Frequency                | 133MHz                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                      | MT48LC16M16A2                                                         | Access Time                    | 5.4ns                      |
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|  | Part#: MT48LC16M16A2BG-75 IT:D TR<br>Description: IC DRAM 256M PARALLEL 54VFBGA  | Manufacturers: Micron Technology     | RFQ |
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|  | Part#: MT48LC16M16A2F4-6A IT:GTR<br>Description: IC DRAM 256M PARALLEL 54VFBGA   | Manufacturers: Alliance Memory, Inc. | RFQ |
|  | Part#: MT48LC16M16A2B4-6A:G<br>Description: IC DRAM 256M PARALLEL 54VFBGA        | Manufacturers: Micron Technology     | RFQ |
|  | Part#: MT48LC16M16A2B4-6A IT:G TR<br>Description: IC DRAM 256M PARALLEL 54VFBGA  | Manufacturers: Micron Technology     | RFQ |
|  | Part#: MT48LC16M16A2BG-7E IT:D<br>Description: IC DRAM 256M PARALLEL 54VFBGA     | Manufacturers: Micron Technology     | RFQ |
|  | Part#: MT48LC16M16A2BG-75:D<br>Description: IC DRAM 256M PARALLEL 54VFBGA        | Manufacturers: Micron Technology     | RFQ |
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|  | Part#: MT48LC16M16A2B4-6A AIT:G<br>Description: IC DRAM 256M PARALLEL 54VFBGA    | Manufacturers: Micron Technology     | RFQ |
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