

MT48LC16M16A2B4-6A AIT:G



Part Number: [MT48LC16M16A2B4-6A AIT:G](#)

Manufacturer: [Micron Technology](#)

Description: IC DRAM 256M PARALLEL 54VFBGA

Data sheet:  [MT48LC64M4A2, 32M8A2, 16M16A2 256Mb](#)

RoHs Status: Lead free / RoHS Compliant

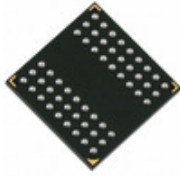
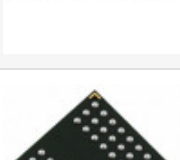
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                        |                                  |                                                                       |
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| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MT48LC16M16A2B4-6A AIT:G                               | Manufacturer                     | <a href="#">Micron Technology</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DRAM 256M PARALLEL 54VFBGA                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 13003 pcs                                              | Data sheet                       | <a href="#">MT48LC64M4A2, 32M8A2, 16M16A2 256Mb</a>                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>              | Write Cycle Time - Word, Page    | 12ns                                                                  |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 V ~ 3.6 V                                            | Technology                       | SDRAM                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 54-VFBGA (8x8)                                         | Series                           | Automotive, AEC-Q100                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tray                                                   | Package / Case                   | 54-VFBGA                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MT48LC16M16A2B4-6A AIT:G-ND<br>MT48LC16M16A2B4-6AAIT:G | Operating Temperature            | -40°C ~ 85°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 167MHz 5.4ns 54-VFBGA (8x8) |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 167MHz                                                 | Base Part Number                 | MT48LC16M16A2                                                         |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5.4ns                                                  |                                  |                                                                       |
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|  | Part#: <a href="#">MT48LC16M16A2B4-7E:G</a><br>Description: IC DRAM 256M PARALLEL 54VFBGA        | Manufacturers: <a href="#">Micron Technology</a>                     | RFQ |
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|  | Part#: <a href="#">MT48LC16M16A2B4-6A AIT:G TR</a><br>Description: IC DRAM 256M PARALLEL 54VFBGA | Manufacturers: <a href="#">Micron Technology</a>                     | RFQ |
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|  | Part#: <a href="#">MT48LC128M4A2P-75:C</a><br>Description: IC DRAM 512M PARALLEL 54TSOP          | Manufacturers: <a href="#">Micron Technology</a>                     | RFQ |
|  | Part#: <a href="#">MT48LC16M16A2B4-6A:G</a><br>Description: IC DRAM 256M PARALLEL 54VFBGA        | Manufacturers: <a href="#">Micron Technology</a>                     | RFQ |
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|  | Part#: <a href="#">MT48LC16M16A2B4-6A XIT:G TR</a><br>Description: IC DRAM 256M PARALLEL 54VFBGA | Manufacturers: <a href="#">Micron Technology</a>                     | RFQ |
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|  | Part#: <a href="#">MT48LC128M4A2TG-7E:C</a><br>Description: IC DRAM 512M PARALLEL 54TSOP         | Manufacturers: <a href="#">Micron Technology</a>                     | RFQ |
|  | Part#: <a href="#">MT48K3HNX</a><br>Description: CONN PATCHKIT 48JACKS 3.5"                      | Manufacturers: <a href="#">Conxall</a> / <a href="#">Switchcraft</a> | RFQ |

|                                                      |                                                 |                                   |                                |
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