

MT46V64M8FN-6 IT:F



Part Number: [MT46V64M8FN-6 IT:F](#)

Manufacturer: [Micron Technology](#)

Description: IC DRAM 512M PARALLEL 60FBGA

Data sheet:  [MT46V128M4,\\_64M8,\\_32M16](#)

RoHs Status: Contains lead / RoHS non-compliant

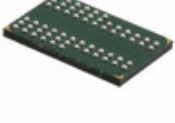
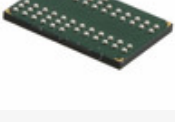
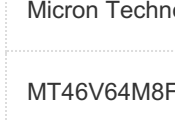
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |                                  |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MT46V64M8FN-6 IT:F                         | Manufacturer                     | <a href="#">Micron Technology</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DRAM 512M PARALLEL 60FBGA               | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10802 pcs                                  | Data sheet                       | <a href="#">MT46V128M4,_64M8,_32M16</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>  | Write Cycle Time - Word, Page    | 15ns                                                                          |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.3 V ~ 2.7 V                              | Technology                       | SDRAM - DDR                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                            | 60-FBGA (10x12.5)                          | Series                           | -                                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                                       | Package / Case                   | 60-TFBGA                                                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MT46V64M8FN-6 IT:F-ND<br>MT46V64M8FN-6IT:F | Operating Temperature            | -40°C ~ 85°C (TA)                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                              | Moisture Sensitivity Level (MSL) | 5 (48 Hours)                                                                  |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Volatile                                   | Memory Size                      | 512Mb (64M x 8)                                                               |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parallel                                   | Memory Format                    | DRAM                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contains lead / RoHS non-compliant         | Detailed Description             | SDRAM - DDR Memory IC 512Mb (64M x 8) Parallel 167MHz 700ps 60-FBGA (10x12.5) |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 167MHz                                     | Base Part Number                 | MT46V64M8                                                                     |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 700ps                                      |                                  |                                                                               |
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|  | Part#: <a href="#">MT46V64M8CY-5B IT:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA  | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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