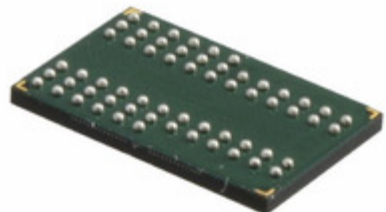


MT46V32M16CY-5B AAT:J



**Part Number:** [MT46V32M16CY-5B AAT:J](#)

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

**Description:** IC DRAM 512M PARALLEL 60FBGA

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

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

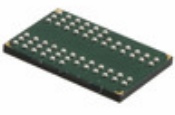
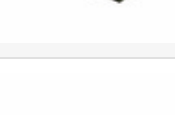
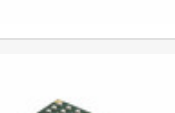
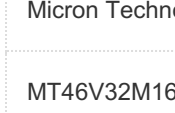
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                                  |                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MT46V32M16CY-5B AAT:J                            | Manufacturer                     | <a href="#">Micron Technology</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC DRAM 512M PARALLEL 60FBGA                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7721 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 (8x12.5)                                 | Series                           | -                                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tray                                             | Package / Case                   | 60-TFBGA                                                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MT46V32M16CY-5B AAT:J-ND<br>MT46V32M16CY-5BAAT:J | Operating Temperature            | -40°C ~ 105°C (TA)                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                 |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Volatile                                         | Memory Size                      | 512Mb (32M x 16)                                                              |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Parallel                                         | Memory Format                    | DRAM                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                       | Detailed Description             | SDRAM - DDR Memory IC 512Mb (32M x 16) Parallel 200MHz 700ps 60-FBGA (8x12.5) |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 200MHz                                           | Base Part Number                 | MT46V32M16                                                                    |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 700ps                                            |                                  |                                                                               |
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|  | Part#: <a href="#">MT46V32M16CY-5B IT:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA  | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16FN-5B:C TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16BN-75 IT:C TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA  | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CV-5B IT:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA  | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B IT:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B AAT:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B L IT:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA   | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CV-5B:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B AIT:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA    | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA        | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CY-5B AIT:J TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CV-5B:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA        | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16BN-75:C</a><br>Description: IC DRAM 512M PARALLEL 60FBGA        | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16BN-75 L:C</a><br>Description: IC DRAM 512M PARALLEL 60FBGA      | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16FN-5B:C</a><br>Description: IC DRAM 512M PARALLEL 60FBGA        | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CV-5B IT:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Alliance Memory, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16BN-75:C TR</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT46V32M16CV-5B IT:J</a><br>Description: IC DRAM 512M PARALLEL 60FBGA     | Manufacturers: <a href="#">Micron Technology</a>     | <a href="#">RFQ</a> |

|                                                   |                                              |                                |                             |
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