

MT41K256M16TW-107 AT:P



**Part Number:** [MT41K256M16TW-107 AT:P](#)

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

**Description:** MEMORY DRAM

**Data sheet:**  [MT41K256M16](#), [MT41K1G4](#), [MT41K512M8](#)

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

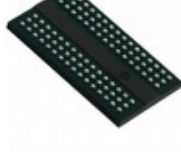
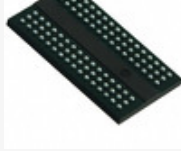
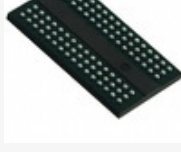
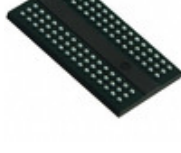
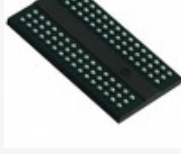
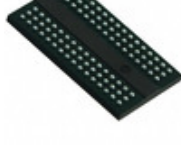
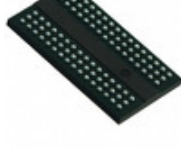
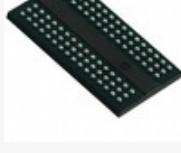
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MT41K256M16TW-107 AT:P                    | Manufacturer                     | <a href="#">Micron Technology</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MEMORY DRAM                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5942 pcs                                  | Data sheet                       | <a href="#">MT41K256M16</a> , <a href="#">MT41K1G4</a> , <a href="#">MT41K512M8</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | -                                                                                   |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.283 V ~ 1.45 V                          | Technology                       | SDRAM - DDR3L                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                               | 96-FBGA (8x14)                            | Series                           | -                                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tray                                      | Package / Case                   | 96-TFBGA                                                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MT41K256M16TW-107AT:P                     | Operating Temperature            | -40°C ~ 95°C (TC)                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                       |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Volatile                                  | Memory Size                      | 4Gb (256M x 16)                                                                     |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Parallel                                  | Memory Format                    | DRAM                                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | Detailed Description             | SDRAM - DDR3L Memory IC 4Gb (256M x 16) Parallel 933MHz 20ns 96-FBGA (8x14)         |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 933MHz                                    | Access Time                      | 20ns                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                  |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------|
|  | Part#: <a href="#">MT41K256M16RE-15E IT:D</a><br>Description: IC DRAM 4G PARALLEL 96FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 V:P</a><br>Description: IC DRAM 4G PARALLEL 933MHZ        | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 M AIT:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-093 IT:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AAT:P</a><br>Description: IC DRAM 4G PARALLEL 96FBGA      | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AIT:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA   | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 V:P TR</a><br>Description: IC DRAM 4G PARALLEL 933MHZ     | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AUT:P TR</a><br>Description: IC DRAM 4G PARALLEL 933MHZ   | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 XIT:P</a><br>Description: IC DRAM 4G PARALLEL 96FBGA      | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 XIT:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA   | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16LY-107:N TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107:P</a><br>Description: IC DRAM 4G PARALLEL 96FBGA          | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AT:P TR</a><br>Description: MEMORY DRAM                   | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-093:P</a><br>Description: IC DRAM 4G PARALLEL 96FBGA          | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-093 IT:P</a><br>Description: IC DRAM 4G PARALLEL 1067MHZ      | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AUT:P</a><br>Description: IC DRAM 4G PARALLEL 933MHZ      | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AAT:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA   | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-093:P TR</a><br>Description: IC DRAM 4G PARALLEL 96FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT41K256M16TW-107 AIT:P</a><br>Description: IC DRAM 4G PARALLEL 96FBGA      | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |

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| Related keywords for <b>MT41K256M16TW-107 AT:P</b> |                                               |                                 |                              |
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