

MT47H256M8THN-25E:H



Part Number: [MT47H256M8THN-25E:H](#)

Manufacturer: [Micron Technology](#)

Description: IC DRAM 2G PARALLEL 63FBGA

Data sheet:  [MT47H512M4,256M8](#)  
 [MT47H256M8/MT47H512M4](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MT47H256M8THN-25E:H                                                        | Manufacturer                   | <a href="#">Micron Technology</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DRAM 2G PARALLEL 63FBGA                                                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3502 pcs                                                                   | Data sheet                     | <a href="#">MT47H512M4,256M8</a><br><a href="#">MT47H256M8/MT47H512M4</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                  | Write Cycle Time - Word, Page  | 15ns                                                                      |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.7 V ~ 1.9 V                                                              | Technology                     | SDRAM - DDR2                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                            | 63-FBGA (8x10)                                                             | Series                         | -                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                                                                       | Package / Case                 | 63-TFBGA                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0°C ~ 85°C (TC)                                                            | Mounting Type                  | Surface Mount                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                                                              | Memory Type                    | Volatile                                                                  |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2Gb (256M x 8)                                                             | Memory Interface               | Parallel                                                                  |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DRAM                                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | SDRAM - DDR2 Memory IC 2Gb (256M x 8) Parallel 400MHz 400ps 63-FBGA (8x10) | Clock Frequency                | 400MHz                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MT47H256M8                                                                 | Access Time                    | 400ps                                                                     |
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|  | Part#: <a href="#">MT47H256M8THN-3:H TR</a><br>Description: IC DRAM 2G PARALLEL 63FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H32M16BN-25E IT:D TR</a><br>Description: IC DRAM 512M PARALLEL 84FBGA | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H256M8EB-3:C TR</a><br>Description: IC DRAM 2G PARALLEL 60FBGA        | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H256M8THN-25E:M</a><br>Description: IC DRAM 2G PARALLEL 63FBGA        | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H32M16BN-3 IT:D TR</a><br>Description: IC DRAM 512M PARALLEL 84FBGA   | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MT47H32M16BN-25:D TR</a><br>Description: IC DRAM 512M PARALLEL 84FBGA     | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H256M8THN-25E IT:H</a><br>Description: IC DRAM 2G PARALLEL 63FBGA     | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H32M16BN-25E:D TR</a><br>Description: IC DRAM 512M PARALLEL 84FBGA    | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MT47H256M8THN-3 IT:H</a><br>Description: IC DRAM 2G PARALLEL 63FBGA       | Manufacturers: <a href="#">Micron Technology</a> | <div>RFQ</div> |
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