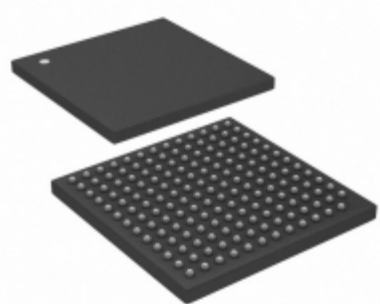


MT44K32M18RB-125E:A



**Part Number:** [MT44K32M18RB-125E:A](#)

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

**Description:** IC DRAM 576M PARALLEL 168BGA

**Data sheet:**  [MT44K32M18](#), [MT44K16M36](#)

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

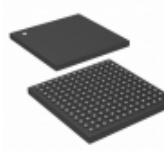
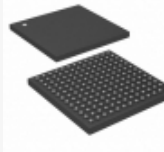
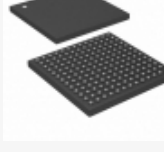
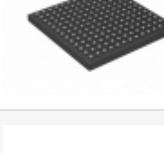
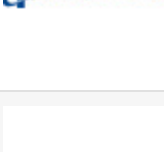
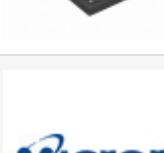
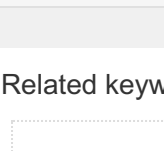
**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |                                  |                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MT44K32M18RB-125E:A                                | Manufacturer                     | <a href="#">Micron Technology</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC DRAM 576M PARALLEL 168BGA                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2097 pcs                                           | Data sheet                       | <a href="#">MT44K32M18</a> , <a href="#">MT44K16M36</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>          | Write Cycle Time - Word, Page    | -                                                            |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.28 V ~ 1.42 V                                    | Technology                       | DRAM                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                            | 168-BGA                                            | Series                           | -                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                                               | Package / Case                   | 168-TBGA                                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 557-1550<br>MT44K32M18RB-125E<br>MT44K32M18RB125EA | Operating Temperature            | 0°C ~ 95°C (TC)                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                                      | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Volatile                                           | Memory Size                      | 576Mb (32M x 18)                                             |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parallel                                           | Memory Format                    | DRAM                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                         | Detailed Description             | DRAM Memory IC 576Mb (32M x 18) Parallel 800MHz 10ns 168-BGA |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 800MHz                                             | Base Part Number                 | MT44K32M18                                                   |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10ns                                               |                                  |                                                              |
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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------|
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|  | Part#: <a href="#">MT44K32M18RB-107E:B</a><br>Description: IC DRAM 576M PARALLEL 933MHZ       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-083E:A TR</a><br>Description: IC DRAM 1.125G PARALLEL 1200MHZ | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-125:A</a><br>Description: IC DRAM 576M PARALLEL 168BGA        | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-107E:A TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-083E:A</a><br>Description: IC DRAM 1.125G PARALLEL 1200MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-107E IT:B</a><br>Description: IC DRAM 576M PARALLEL 933MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-093E:A TR</a><br>Description: IC DRAM 1.125G PARALLEL 168BGA  | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-107E:B TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-083F:A</a><br>Description: IC DRAM 1.125G PARALLEL 1200MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-093F:A</a><br>Description: IC DRAM 1.125G PARALLEL 1067MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-093E:A</a><br>Description: IC DRAM 1.125G PARALLEL 1067MHZ    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-107E IT:B TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-125F:A</a><br>Description: IC DRAM 576M PARALLEL 168BGA       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-107E:A</a><br>Description: IC DRAM 576M PARALLEL 168BGA       | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M36RB-083F:A TR</a><br>Description: IC DRAM 1.125G PARALLEL 1200MHZ | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-125E IT:A TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-125:A TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA     | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-125F:A TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MT44K32M18RB-125E:A TR</a><br>Description: IC DRAM 576M PARALLEL 168BGA    | Manufacturers: <a href="#">Micron Technology</a> | <a href="#">RFQ</a> |

|                                                 |                                            |                              |                           |
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