

IS42S32160B-7TL



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**Part Number:** [IS42S32160B-7TL](#)

**Manufacturer:** [ISSI \(Integrated Silicon Solution, Inc.\)](#)

**Description:** IC DRAM 512M PARALLEL 86TSOP II

**Data sheet:**  [DRAM Part Number Guide](#)  
 [IS42S32160B](#)

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

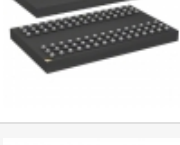
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IS42S32160B-7TL                                                   | Manufacturer                   | <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a>              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC DRAM 512M PARALLEL 86TSOP II                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5732 pcs                                                          | Data sheet                     | <a href="#">DRAM Part Number Guide</a><br><a href="#">IS42S32160B</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                         | Write Cycle Time - Word, Page  | -                                                                     |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 V ~ 3.6 V                                                       | Technology                     | SDRAM                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 86-TSOP II                                                        | Series                         | -                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tray                                                              | Package / Case                 | 86-TFSOP (0.400", 10.16mm Width)                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0°C ~ 70°C (TA)                                                   | Mounting Type                  | Surface Mount                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                                                     | Memory Type                    | Volatile                                                              |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 512Mb (16M x 32)                                                  | Memory Interface               | Parallel                                                              |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DRAM                                                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SDRAM Memory IC 512Mb (16M x 32) Parallel 143MHz 5.4ns 86-TSOP II | Clock Frequency                | 143MHz                                                                |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.4ns                                                             |                                |                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                                         |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">IS42S32160B-7BLI-TR</a><br>Description: IC DRAM 512M PARALLEL 90LFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IS42S32160B-75TL</a><br>Description: IC DRAM 512M PARALLEL 86TSOP II      | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IS42S32160B-75ETLI-TR</a><br>Description: IC DRAM 512M PARALLEL 86TSOP II | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IS42S32160C-75BL</a><br>Description: IC DRAM 512M PARALLEL 90WBGA         | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <a href="#">RFQ</a> |
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| Related keywords for <b>IS42S32160B-7TL</b>              |                                                          |                                                          |                                                       |
| ISSI (Integrated Silicon Solution, Inc.) IS42S32160B-7TL | IS42S32160B-7TL distributor                              | IS42S32160B-7TL supplier                                 | IS42S32160B-7TL price                                 |
|                                                          | IS42S32160B-7TL download datasheet                       | IS42S32160B-7TL datasheet                                | IS42S32160B-7TL stock                                 |
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| Integrated Silicon Solution, Inc. (ISSI) IS42S32160B-7TL |                                                          |                                                          |                                                       |