

IS42S16160G-5BL





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Part Number: [IS42S16160G-5BL](#)

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

Description: IC DRAM 256M PARALLEL 54TFBGA

Data sheet:  [DRAM Part Number Guide](#)  
 [IS4xS83200G, IS4x16160G](#)

RoHs Status: Lead free / RoHS Compliant

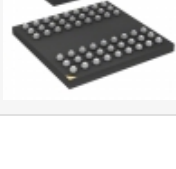
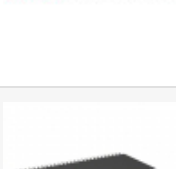
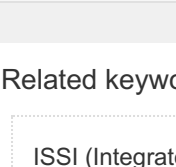
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                     |                                |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IS42S16160G-5BL                                                     | Manufacturer                   | <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC DRAM 256M PARALLEL 54TFBGA                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14519 pcs                                                           | Data sheet                     | <a href="#">DRAM Part Number Guide</a><br><a href="#">IS4xS83200G, IS4x16160G</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 54-TFBGA (8x8)                                                      | Series                         | -                                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tray                                                                | Package / Case                 | 54-TFBGA                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0°C ~ 70°C (TA)                                                     | Mounting Type                  | Surface Mount                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                       | Memory Type                    | Volatile                                                                          |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 256Mb (16M x 16)                                                    | Memory Interface               | Parallel                                                                          |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DRAM                                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SDRAM Memory IC 256Mb (16M x 16) Parallel 200MHz 5ns 54-TFBGA (8x8) | Clock Frequency                | 200MHz                                                                            |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5ns                                                                 |                                |                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                                         |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">IS42S16160G-6BL-TR</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7TLI</a><br>Description: IC DRAM 256M PARALLEL 54TSOP     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7BL</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7BI-TR</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IS42S16160G-6BL</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IS42S16160G-6TI</a><br>Description: IC DRAM 256M PARALLEL 166MHZ      | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7TL</a><br>Description: IC DRAM 256M PARALLEL 54TSOP      | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160G-6TI-TR</a><br>Description: IC DRAM 256M PARALLEL 166MHZ   | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160G-6BLI</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA    | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7BLI-TR</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IS42S16160G-6TL</a><br>Description: IC DRAM 256M PARALLEL 54TSOP      | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7BLI</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA    | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IS42S16160D-7BI</a><br>Description: IC DRAM 256M PARALLEL 54TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> | <div>RFQ</div> |

|                                                             |                                          |                           |                                                       |
|-------------------------------------------------------------|------------------------------------------|---------------------------|-------------------------------------------------------|
| Related keywords for <b>IS42S16160G-5BL</b>                 |                                          |                           |                                                       |
| ISSI (Integrated Silicon Solution, Inc.)<br>IS42S16160G-5BL | IS42S16160G-5BL distributor              | IS42S16160G-5BL supplier  | IS42S16160G-5BL price                                 |
|                                                             | IS42S16160G-5BL download datasheet       | IS42S16160G-5BL datasheet | IS42S16160G-5BL stock                                 |
| buy IS42S16160G-5BL                                         | ISSI (Integrated Silicon Solution, Inc.) | ISSI IS42S16160G-5BL      | ISSI, Integrated Silicon Solution Inc IS42S16160G-5BL |
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| Integrated Silicon Solution, Inc. (ISSI)                    |                                          |                           |                                                       |
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