



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGSED6K2F40I3L

Part Number: 5SGSED6K2F40I3L

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description IC FPGA 696 I/O 1517FBGA

Datasheets: [1.5SGSED6K2F40I3L.pdf](#)  
[2.5SGSED6K2F40I3L.pdf](#)  
[3.5SGSED6K2F40I3L.pdf](#)  
[4.5SGSED6K2F40I3L.pdf](#)

RoHs Status  Contains lead / RoHS Compliant

Stock Condition 8 pcs stock

Ship From Hong Kong

Shipment Way DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

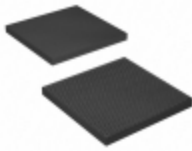
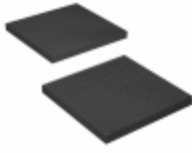
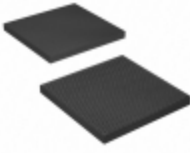
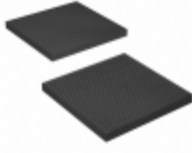
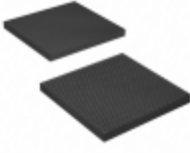
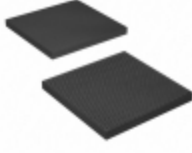
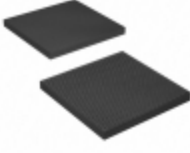
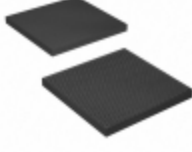
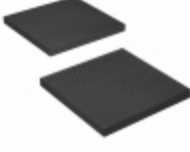
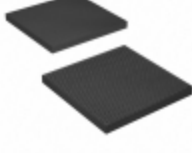
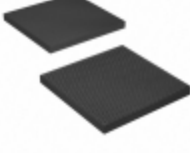
Specifications of 5SGSED6K2F40I3L

|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSED6K2F40I3L                                                                                                                                                  |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                     |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                   |
| QUANTITY AVAILABLE               | 8 pcs                                                                                                                                                            |
| DATA SHEET                       | <a href="#">1.5SGSED6K2F40I3L.pdf</a><br><a href="#">2.5SGSED6K2F40I3L.pdf</a><br><a href="#">3.5SGSED6K2F40I3L.pdf</a><br><a href="#">4.5SGSED6K2F40I3L.pdf</a> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                  |
| TOTAL RAM BITS                   | 54553600                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                |
| SERIES                           | Stratix® V GS                                                                                                                                                    |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 583000                                                                                                                                                           |
| NUMBER OF LABS/CLBS              | 220000                                                                                                                                                           |
| NUMBER OF I/O                    | 696                                                                                                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                   |
| BASE PART NUMBER                 | 5SGSED6                                                                                                                                                          |

Related Tags

|                                                              |                                                       |                                                                  |
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| 5SGSED6K2F40I3L PDF Datasheet                                | 5SGSED6K2F40I3L Download Datasheet                    | 5SGSED6K2F40I3L Datasheet                                        |
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Related Products

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| <div></div> <div>5SGSED6K2F40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 11 pcs</div> <div>RFQ</div> | <div></div> <div>5SGSED6K2F40C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div>  |
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| <div></div> <div>5SGSED6K2F40I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 7 pcs</div> <div>RFQ</div>   | <div></div> <div>5SGSED6K2F40I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 9 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSED6K3F40C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 9 pcs</div> <div>RFQ</div>   | <div></div> <div>5SGSED6K2F40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div>  |
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