



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXEB5R2F40C2L

Part Number: 5SGXEB5R2F40C2L

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

Product description IC FPGA 432 I/O 1517FBGA

1.SSGXEB5R2F40C2L.pdf

2.SSGXEB5R2F40C2L.pdf

3.SSGXEB5R2F40C2L.pdf

4.SSGXEB5R2F40C2L.pdf

5.SSGXEB5R2F40C2L.pdf

Datasheets:

RoHs Status  Contains lead / RoHS Compliant

Stock Condition 9 pcs stock

Ship From Hong Kong

Shipment Way DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

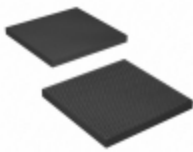
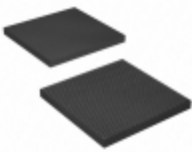
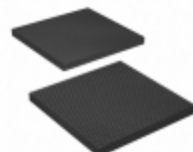
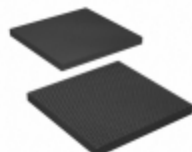
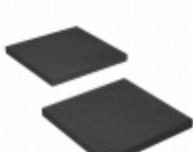
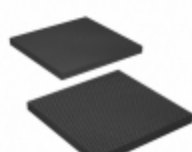
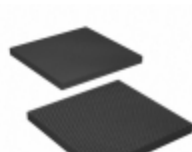
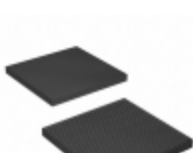
Specifications of 5SGXEB5R2F40C2L

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEB5R2F40C2L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 432 I/O 1517FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 9 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.SSGXEB5R2F40C2L.pdf<br> 2.SSGXEB5R2F40C2L.pdf<br> 3.SSGXEB5R2F40C2L.pdf<br> 4.SSGXEB5R2F40C2L.pdf<br> 5.SSGXEB5R2F40C2L.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 48927744                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1517-FCBGA (40x40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 490000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 185000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 432                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | 5SGXEB5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                                 |                                                       |                                                                     |
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Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5SGXEB5R2F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 14 pcs</div> <div>RFQ</div>  |  <div>5SGXEB5R2F40I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div> |
|  <div>5SGXEB5R1F43C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>   |  <div>5SGXEB5R1F43I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>   |
|  <div>5SGXEB5R2F40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 11 pcs</div> <div>RFQ</div> |  <div>5SGXEB5R1F43C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: 9 pcs</div> <div>RFQ</div>   |
|  <div>5SGXEB5R2F40C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>   |  <div>5SGXEB5R1F43C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>  |
|  <div>5SGXEB5R2F40I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>   |  <div>5SGXEB5R1F43C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: 7 pcs</div> <div>RFQ</div>   |
|  <div>5SGXEB5R2F40I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div>  |  <div>5SGXEB5R2F40C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div>  |