



Altera (Intel® Programmable Solutions Group)

Solutions Group)

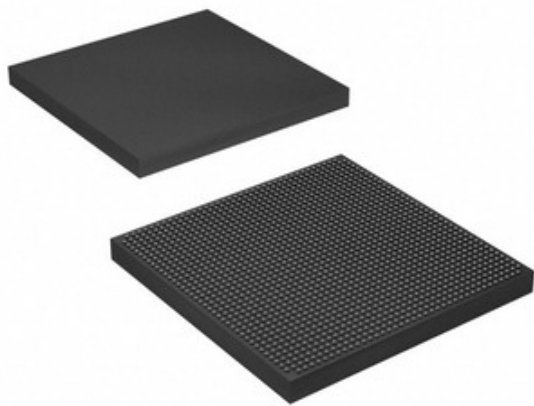


Image may be representation. See specifications for product details.

5SGXEB5R1F40C2N

Part Number:

5SGXEB5R1F40C2N

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC FPGA 432 I/O 1517FBGA  
[PDF](#) 1.5SGXEB5R1F40C2N.pdf  
[PDF](#) 2.5SGXEB5R1F40C2N.pdf  
[PDF](#) 3.5SGXEB5R1F40C2N.pdf  
[PDF](#) 4.5SGXEB5R1F40C2N.pdf  
[PDF](#) 5.5SGXEB5R1F40C2N.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

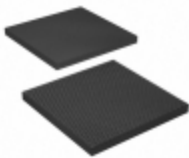
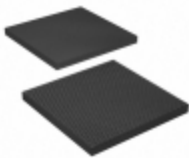
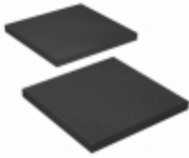
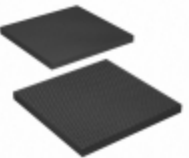
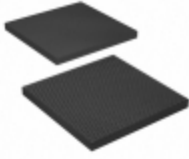
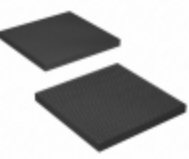
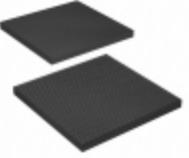
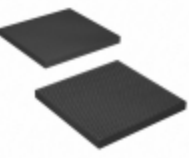
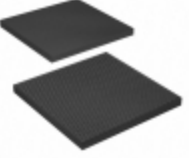
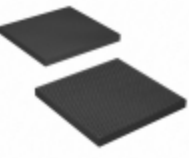
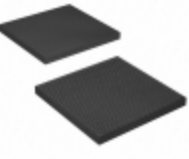
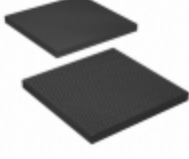
Specifications of 5SGXEB5R1F40C2N

|                                  |                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEB5R1F40C2N                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 432 I/O 1517FBGA                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXEB5R1F40C2N.pdf<br><a href="#">PDF</a> 2.5SGXEB5R1F40C2N.pdf<br><a href="#">PDF</a> 3.5SGXEB5R1F40C2N.pdf<br><a href="#">PDF</a> 4.5SGXEB5R1F40C2N.pdf<br><a href="#">PDF</a> 5.5SGXEB5R1F40C2N.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 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   | Lead free / RoHS Compliant                                                                                                                                                                                                    |
| BASE PART NUMBER                 | 5SGXEB5                                                                                                                                                                                                                       |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXEB5R1F40C2N | 5SGXEB5R1F40C2N Distributor                           | 5SGXEB5R1F40C2N Supplier                                         |
| 5SGXEB5R1F40C2N Price                                        | 5SGXEB5R1F40C2N Pictures                              | 5SGXEB5R1F40C2N Image                                            |
| 5SGXEB5R1F40C2N PDF Datasheet                                | 5SGXEB5R1F40C2N Download Datasheet                    | 5SGXEB5R1F40C2N Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5SGXEB5R1F43I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEB5R1F43C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5SGXEB5R1F43C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEABN3F45I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5SGXEB5R1F43C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEB5R1F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5SGXEABN3F45I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEB5R1F40C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5SGXEABN3F45I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEB5R1F40C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5SGXEB5R1F40C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEB5R1F43C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1760FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |