



Altera (Intel® Programmable Solutions Group)

Solutions Group)

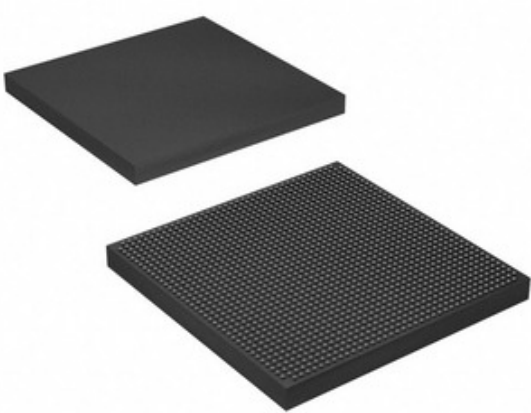


Image may be representation. See specifications for product details.

5SGXEA7N2F40C2

Part Number:

5SGXEA7N2F40C2

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC FPGA 600 I/O 1517FBGA  
[PDF](#) 1.5SGXEA7N2F40C2.pdf  
[PDF](#) 2.5SGXEA7N2F40C2.pdf  
[PDF](#) 3.5SGXEA7N2F40C2.pdf  
[PDF](#) 4.5SGXEA7N2F40C2.pdf  
[PDF](#) 5.5SGXEA7N2F40C2.pdf

Datasheets:

RoHs Status

 Contains lead / RoHS Compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

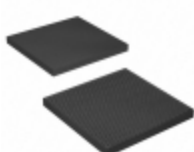
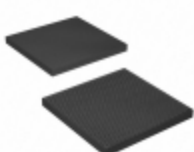
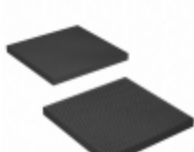
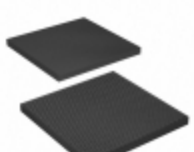
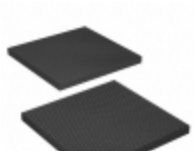
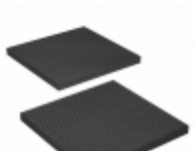
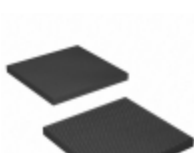
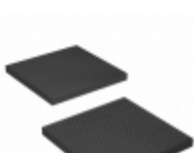
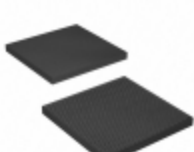
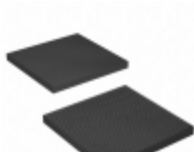
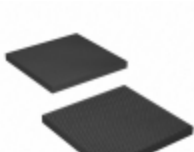
Specifications of 5SGXEA7N2F40C2

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA7N2F40C2                                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 600 I/O 1517FBGA                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXEA7N2F40C2.pdf<br><a href="#">PDF</a> 2.5SGXEA7N2F40C2.pdf<br><a href="#">PDF</a> 3.5SGXEA7N2F40C2.pdf<br><a href="#">PDF</a> 4.5SGXEA7N2F40C2.pdf<br><a href="#">PDF</a> 5.5SGXEA7N2F40C2.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 59939840                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                        |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 622000                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 234720                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 600                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                           |
| BASE PART NUMBER                 | 5SGXEA7                                                                                                                                                                                                                  |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
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Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5SGXEA7N2F40C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>5SGXEA7N2F40C1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5SGXEA7N2F40C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>5SGXEA7N1F45C2N</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>5SGXEA7N1F45C2LN</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>5SGXEA7N1F45I2N</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>5SGXEA7N2F40C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGXEA7N2F40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5SGXEA7N1F45I2</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>5SGXEA7N2F40C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5SGXEA7N2F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>5SGXEA7N2F40I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |