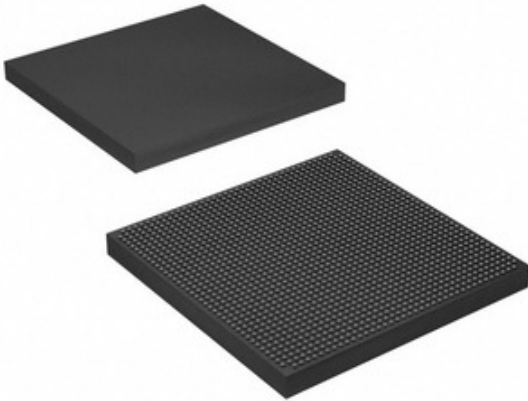




Altera (Intel® Programmable

Solutions Group)



5SGXEA7K2F40C2LN

Part Number: 5SGXEA7K2F40C2LN

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

Product description: IC FPGA 696 I/O 1517FBGA  
[PDF](#) 1.5SGXEA7K2F40C2LN.pdf  
[PDF](#) 2.5SGXEA7K2F40C2LN.pdf  
[PDF](#) 3.5SGXEA7K2F40C2LN.pdf  
[PDF](#) 4.5SGXEA7K2F40C2LN.pdf  
[PDF](#) 5.5SGXEA7K2F40C2LN.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

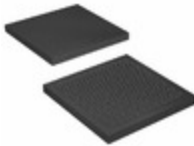
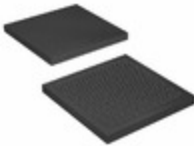
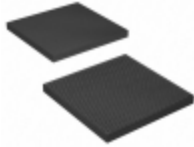
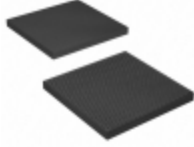
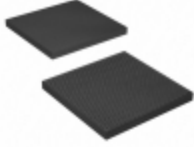
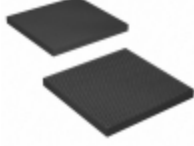
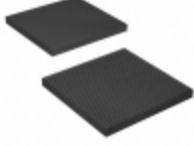
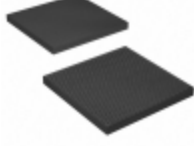
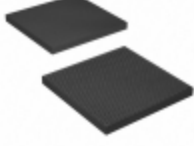
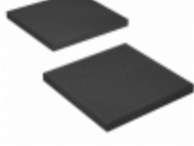
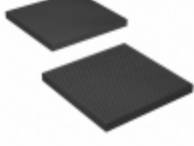
Specifications of 5SGXEA7K2F40C2LN

|                                  |                                                                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA7K2F40C2LN                                                                                                                                                                                                                   |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXEA7K2F40C2LN.pdf<br><a href="#">PDF</a> 2.5SGXEA7K2F40C2LN.pdf<br><a href="#">PDF</a> 3.5SGXEA7K2F40C2LN.pdf<br><a href="#">PDF</a> 4.5SGXEA7K2F40C2LN.pdf<br><a href="#">PDF</a> 5.5SGXEA7K2F40C2LN.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 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                    | 696                                                                                                                                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| BASE PART NUMBER                 | 5SGXEA7                                                                                                                                                                                                                            |

Related Tags

|                                                               |                                                       |                                                                   |
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| Altera (Intel® Programmable Solutions Group) 5SGXEA7K2F40C2LN | 5SGXEA7K2F40C2LN Distributor                          | 5SGXEA7K2F40C2LN Supplier                                         |
| 5SGXEA7K2F40C2LN Price                                        | 5SGXEA7K2F40C2LN Pictures                             | 5SGXEA7K2F40C2LN Image                                            |
| 5SGXEA7K2F40C2LN PDF Datasheet                                | 5SGXEA7K2F40C2LN Download Datasheet                   | 5SGXEA7K2F40C2LN Datasheet                                        |
| 5SGXEA7K2F40C2LN Stock                                        | Buy 5SGXEA7K2F40C2LN                                  | Buy Altera (Intel® Programmable Solutions Group) 5SGXEA7K2F40C2LN |
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| Altera (Intel® Programmable Solutions Group) 5SGXEA7K2F40C2LN | Altera 5SGXEA7K2F40C2LN                               | Altera (Intel® Programmable Solutions Group) 5SGXEA7K2F40C2LN     |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGXEA7K2F35I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>5SGXEA7K2F35I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA7K2F40I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>5SGXEA7K2F40C1</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA7K2F40I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>5SGXEA7K2F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA7K2F40C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div>5SGXEA7K2F40C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA7K2F40I2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div>5SGXEA7K2F40C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA7K2F40C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>5SGXEA7K2F40C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |