



Altera (Intel® Programmable

Solutions Group)

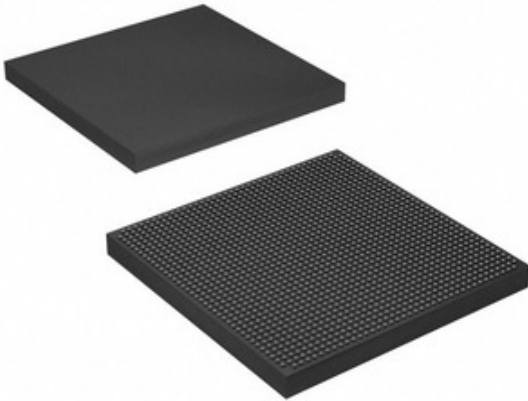


Image may be representation. See specifications for product details.

5SGXEA4K2F40I3LN

Part Number: 5SGXEA4K2F40I3LN

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

Product description IC FPGA 696 I/O 1517FBGA

 1.5SGXEA4K2F40I3LN.pdf

 2.5SGXEA4K2F40I3LN.pdf

 3.5SGXEA4K2F40I3LN.pdf

 4.5SGXEA4K2F40I3LN.pdf

 5.5SGXEA4K2F40I3LN.pdf

Datasheets:

RoHs Status  Lead free / RoHS Compliant

Stock Condition 18 pcs stock

Ship From Hong Kong

Shipment Way DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

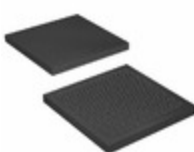
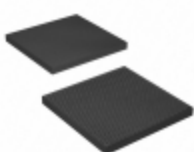
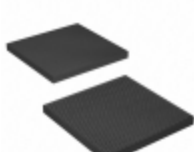
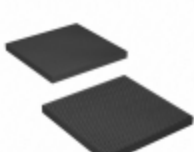
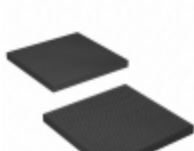
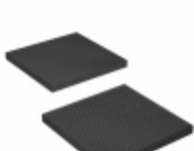
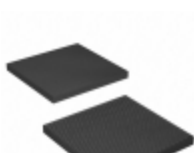
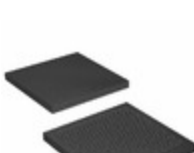
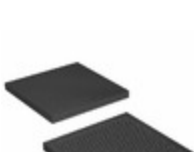
Specifications of 5SGXEA4K2F40I3LN

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA4K2F40I3LN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 18 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div> 1.5SGXEA4K2F40I3LN.pdf</div> <div> 2.5SGXEA4K2F40I3LN.pdf</div> <div> 3.5SGXEA4K2F40I3LN.pdf</div> <div> 4.5SGXEA4K2F40I3LN.pdf</div> <div> 5.5SGXEA4K2F40I3LN.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 43983872                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 420000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 158500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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                 | 5SGXEA4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXEA4K2F40I3LN | 5SGXEA4K2F40I3LN Distributor                          | 5SGXEA4K2F40I3LN Supplier                                         |
| 5SGXEA4K2F40I3LN Price                                        | 5SGXEA4K2F40I3LN Pictures                             | 5SGXEA4K2F40I3LN Image                                            |
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Related Products

|                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGXEA4K3F35C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA4K2F40C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 16 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA4K2F40I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXEA4K2F40I3L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 16 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA4K2F40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA4K2F40I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA4K2F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 20 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA4K3F35C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 16 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA4K3F35C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 29 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA4K3F35C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 17 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA4K3F35C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 17 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA4K2F40I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div>  |