



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXEA4K2F40C2LN

|                     |                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA4K2F40C2LN                                                                                                                                                                                                                                                         |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                             |
| Product description | IC FPGA 696 I/O 1517FBGA <div><div>PDF</div>1.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>2.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>3.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>4.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>5.5SGXEA4K2F40C2LN.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                          |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                        |
| Stock Condition     | 16 pcs stock                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

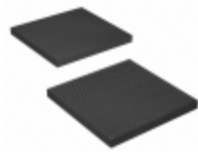
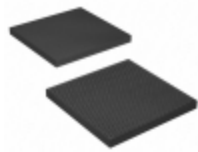
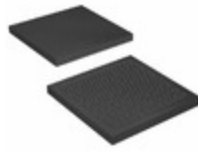
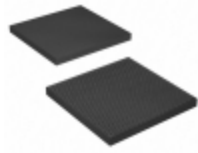
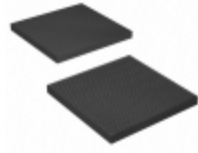
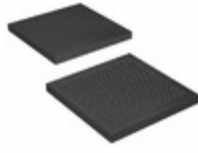
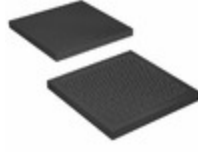
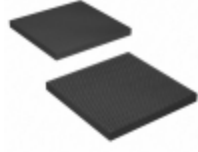
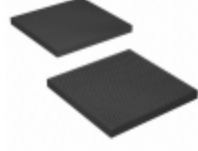
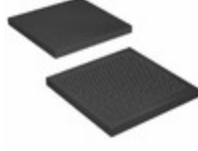
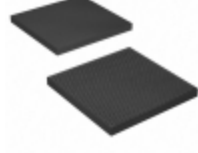
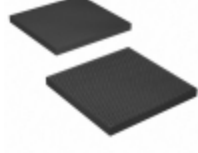
Specifications of 5SGXEA4K2F40C2LN

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA4K2F40C2LN                                                                                                                                                                                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 16 pcs                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>PDF</div>1.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>2.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>3.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>4.5SGXEA4K2F40C2LN.pdf</div> <div><div>PDF</div>5.5SGXEA4K2F40C2LN.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            | 0°C ~ 85°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

|                                                               |                                                       |                                                                   |
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| 5SGXEA4K2F40C2LN PDF Datasheet                                | 5SGXEA4K2F40C2LN Download Datasheet                   | 5SGXEA4K2F40C2LN Datasheet                                        |
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Related Products

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| <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>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>5SGXEA4K2F35I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 18 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>  |
| <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>5SGXEA4K2F35I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA4K2F35I3L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1152FBGA</div> <div>In stock: 15 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA4K2F40C2L</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>  |
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| <div></div> <div>5SGXEA4K2F40C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 11 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>  |