



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXEA3K3F40I3L

|                     |                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA3K3F40I3L                                                                                                                                                                                                                                                     |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                        |
| Product description | IC FPGA 696 I/O 1517FBGA <div><div>PDF</div>1.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>2.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>3.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>4.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>5.5SGXEA3K3F40I3L.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                     |
| RoHs Status         | <div><div>✓</div><div>RoHS</div></div> Contains lead / RoHS Compliant                                                                                                                                                                                               |
| Stock Condition     | 22 pcs stock                                                                                                                                                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

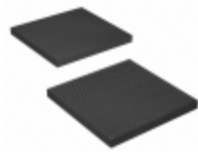
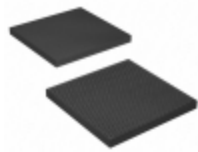
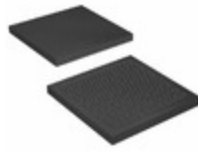
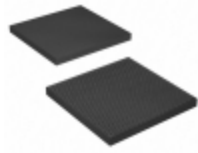
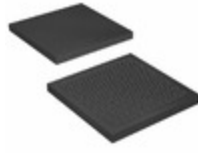
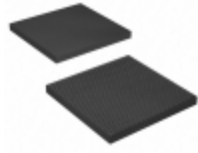
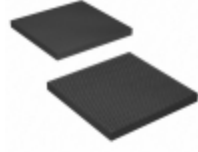
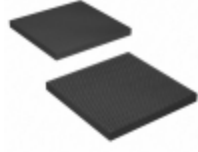
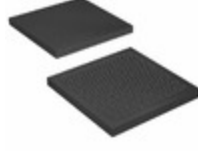
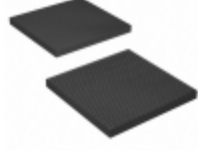
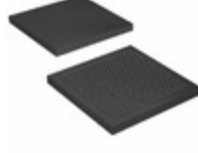
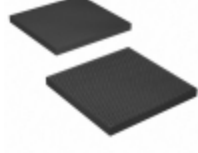
Specifications of 5SGXEA3K3F40I3L

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA3K3F40I3L                                                                                                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 22 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>PDF</div>1.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>2.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>3.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>4.5SGXEA3K3F40I3L.pdf</div> <div><div>PDF</div>5.5SGXEA3K3F40I3L.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 23704576                                                                                                                                                                                                                                   |
| 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   | 340000                                                                                                                                                                                                                                     |
| NUMBER OF LABS/CLBS              | 128300                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 696                                                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                             |
| BASE PART NUMBER                 | 5SGXEA3                                                                                                                                                                                                                                    |

Related Tags

|                                                                 |                                                       |                                                                     |
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| Altera (Intel® Programmable Solutions Group)<br>5SGXEA3K3F40I3L | 5SGXEA3K3F40I3L Distributor                           | 5SGXEA3K3F40I3L Supplier                                            |
| 5SGXEA3K3F40I3L Price                                           | 5SGXEA3K3F40I3L Pictures                              | 5SGXEA3K3F40I3L Image                                               |
| 5SGXEA3K3F40I3L PDF Datasheet                                   | 5SGXEA3K3F40I3L Download Datasheet                    | 5SGXEA3K3F40I3L Datasheet                                           |
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Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGXEA3K3F40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 21 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXEA3K3F40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 24 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA4H1F35C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 16 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA3K3F40I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 30 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA3K3F35I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 33 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA3K3F40C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 25 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA3K3F40I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 20 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXEA3K3F40C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 23 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA4H1F35C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 15 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXEA3K3F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 30 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA4H1F35C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 13 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA3K3F40C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 36 pcs</div> <div>RFQ</div> |