



Altera (Intel® Programmable Solutions Group)

Solutions Group)

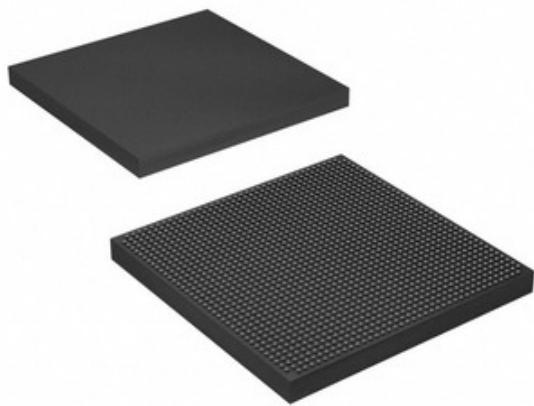


Image may be representation. See specifications for product details.

5SGXEA5K3F40C2L

|                     |                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA5K3F40C2L                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                              |
| Product description | IC FPGA 696 I/O 1517FBGA<br><a href="#">PDF</a> 1.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 2.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 3.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 4.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 5.5SGXEA5K3F40C2L.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                           |
| RoHs Status         |  Contains lead / RoHS Compliant                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

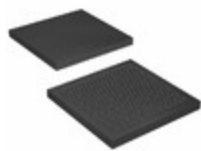
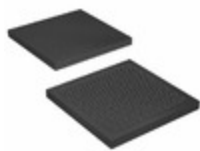
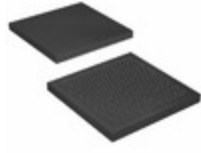
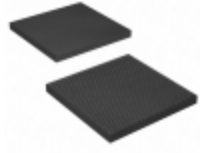
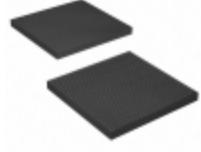
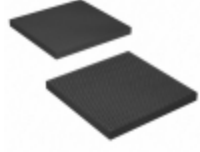
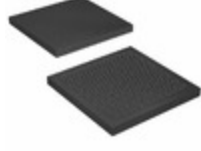
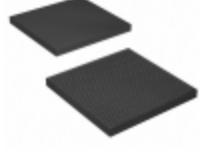
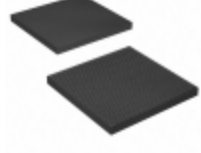
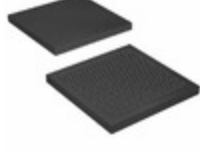
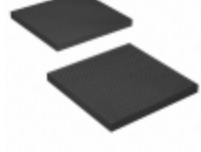
Specifications of 5SGXEA5K3F40C2L

|                                  |                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA5K3F40C2L                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 2.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 3.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 4.5SGXEA5K3F40C2L.pdf<br><a href="#">PDF</a> 5.5SGXEA5K3F40C2L.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 53105664                                                                                                                                                                                                                      |
| 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   | 490000                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 185000                                                                                                                                                                                                                        |
| 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                 | 5SGXEA5                                                                                                                                                                                                                       |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXEA5K3F40C2L | 5SGXEA5K3F40C2L Distributor                           | 5SGXEA5K3F40C2L Supplier                                         |
| 5SGXEA5K3F40C2L Price                                        | 5SGXEA5K3F40C2L Pictures                              | 5SGXEA5K3F40C2L Image                                            |
| 5SGXEA5K3F40C2L PDF Datasheet                                | 5SGXEA5K3F40C2L Download Datasheet                    | 5SGXEA5K3F40C2L Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5SGXEA5K3F35C4N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div>5SGXEA5K3F35I3L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div>5SGXEA5K3F35I3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div>5SGXEA5K3F40I3L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
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|  <div>5SGXEA5K3F40I3LN<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5SGXEA5K3F35I3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div>   |