



Altera (Intel® Programmable

Solutions Group)

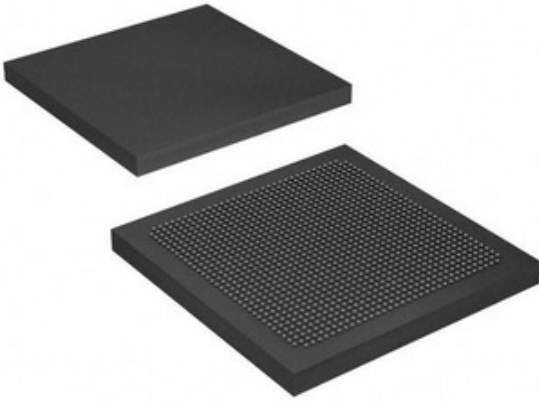


Image may be representation. See specifications for product details.

|                     |                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA5K2F35I3LN                                                                                                                                                                                                                                                         |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                             |
| Product description | IC FPGA 432 I/O 1152FBGA <div><div>PDF</div>1.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>2.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>3.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>4.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>5.5SGXEA5K2F35I3LN.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                          |
| RoHs Status         | <div><div>✓</div><div>RoHS</div></div> Lead free / RoHS Compliant                                                                                                                                                                                                        |
| Stock Condition     | 15 pcs stock                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

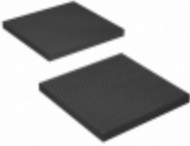
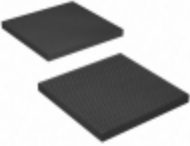
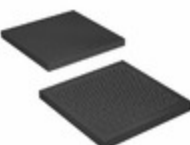
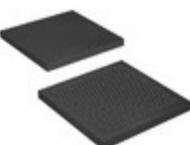
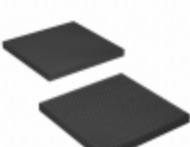
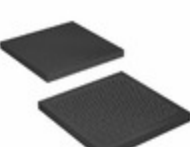
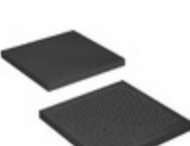
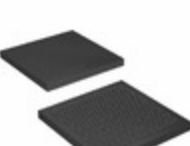
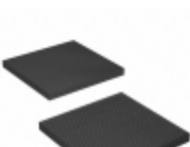
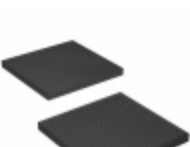
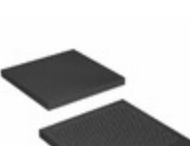
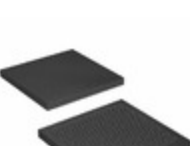
Specifications of 5SGXEA5K2F35I3LN

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA5K2F35I3LN                                                                                                                                                                                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 432 I/O 1152FBGA                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 15 pcs                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>PDF</div>1.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>2.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>3.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>4.5SGXEA5K2F35I3LN.pdf</div> <div><div>PDF</div>5.5SGXEA5K2F35I3LN.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                 |
| TOTAL RAM BITS                   | 53105664                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                                                                                                                               |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 490000                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 185000                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 432                                                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | 5SGXEA5                                                                                                                                                                                                                                         |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXEA5K2F35I3LN | 5SGXEA5K2F35I3LN Distributor                          | 5SGXEA5K2F35I3LN Supplier                                         |
| 5SGXEA5K2F35I3LN Price                                        | 5SGXEA5K2F35I3LN Pictures                             | 5SGXEA5K2F35I3LN Image                                            |
| 5SGXEA5K2F35I3LN PDF Datasheet                                | 5SGXEA5K2F35I3LN Download Datasheet                   | 5SGXEA5K2F35I3LN Datasheet                                        |
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Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div><div>5SGXEA5K2F40C3N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 696 I/O 1517FBGA</div><div>In stock: 18 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>5SGXEA5K2F40C2LN</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><div></div><div><div>5SGXEA5K2F35C3N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 19 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>5SGXEA5K2F35I2LN</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>5SGXEA5K2F40C2L</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><div></div><div><div>5SGXEA5K2F35I3N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 14 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>5SGXEA5K2F35I2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>5SGXEA5K2F35C2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 13 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>5SGXEA5K2F40C1N</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><div></div><div><div>5SGXEA5K2F40C2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 696 I/O 1517FBGA</div><div>In stock: 15 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>5SGXEA5K2F35I2L</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 12 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>5SGXEA5K2F35I3L</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 432 I/O 1152FBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div></div>  |

