



Altera (Intel® Programmable

Solutions Group)

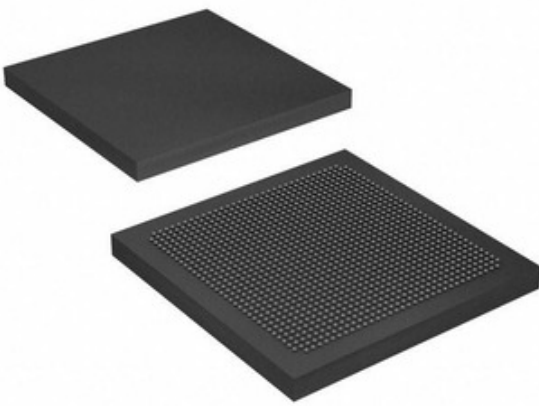


Image may be representation. See specifications for product details.

### 5SGXEA4K3F35C2LN

|                     |                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA4K3F35C2LN                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                           |
| Product description | IC FPGA 432 I/O 1152FBGA <div><a href="#">PDF</a> 1.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 2.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 3.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 4.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 5.5SGXEA4K3F35C2LN.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                        |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

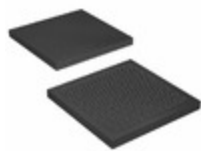
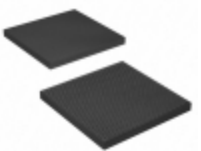
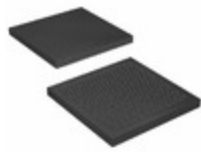
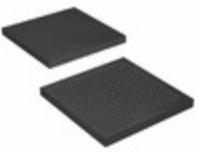
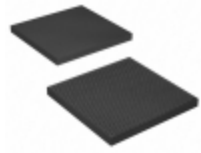
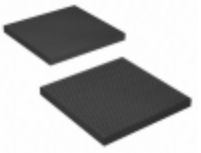
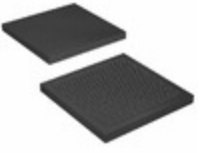
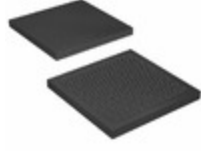
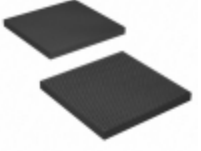
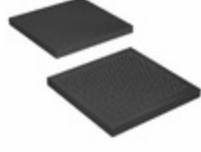
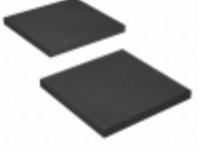
#### Specifications of 5SGXEA4K3F35C2LN

|                                  |                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA4K3F35C2LN                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 432 I/O 1152FBGA                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                    |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 2.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 3.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 4.5SGXEA4K3F35C2LN.pdf</div> <div><a href="#">PDF</a> 5.5SGXEA4K3F35C2LN.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 43983872                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                                                                                                                                                             |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 420000                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 158500                                                                                                                                                                                                                                                                        |
| 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                 | 5SGXEA4                                                                                                                                                                                                                                                                       |

#### Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXEA4K3F35C2LN | 5SGXEA4K3F35C2LN Distributor                          | 5SGXEA4K3F35C2LN Supplier                                         |
| 5SGXEA4K3F35C2LN Price                                        | 5SGXEA4K3F35C2LN Pictures                             | 5SGXEA4K3F35C2LN Image                                            |
| 5SGXEA4K3F35C2LN PDF Datasheet                                | 5SGXEA4K3F35C2LN Download Datasheet                   | 5SGXEA4K3F35C2LN Datasheet                                        |
| 5SGXEA4K3F35C2LN Stock                                        | Buy 5SGXEA4K3F35C2LN                                  | Buy Altera (Intel® Programmable Solutions Group) 5SGXEA4K3F35C2LN |
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| Altera (Intel® Programmable Solutions Group) 5SGXEA4K3F35C2LN | Altera 5SGXEA4K3F35C2LN                               | Altera (Intel® Programmable Solutions Group) 5SGXEA4K3F35C2LN     |

#### Related Products

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| <div></div> <div><b>5SGXEA4K3F35C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGXEA4K2F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>5SGXEA4K3F35C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGXEA4K3F35I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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| <div></div> <div><b>5SGXEA4K3F35I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>5SGXEA4K3F35C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>5SGXEA4K3F35C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGXEA4K2F40I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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