



Altera (Intel® Programmable

Solutions Group)

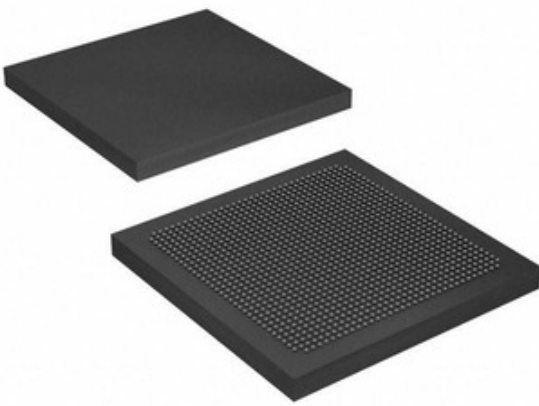


Image may be representation. See specifications for product details.

5SGXEA5K1F35C1N

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA5K1F35C1N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC FPGA 432 I/O 1152FBGA <div> 1.5SGXEA5K1F35C1N.pdf</div> <div> 2.5SGXEA5K1F35C1N.pdf</div> <div> 3.5SGXEA5K1F35C1N.pdf</div> <div> 4.5SGXEA5K1F35C1N.pdf</div> <div> 5.5SGXEA5K1F35C1N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stock Condition     | 11 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

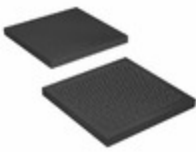
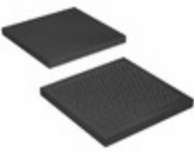
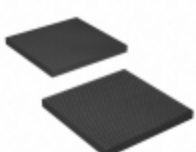
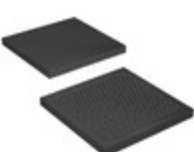
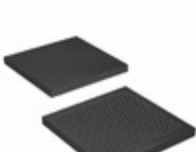
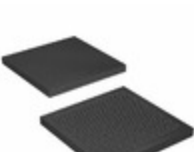
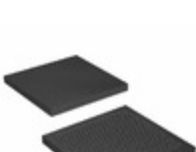
Specifications of 5SGXEA5K1F35C1N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA5K1F35C1N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 432 I/O 1152FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 11 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.5SGXEA5K1F35C1N.pdf</div> <div> 2.5SGXEA5K1F35C1N.pdf</div> <div> 3.5SGXEA5K1F35C1N.pdf</div> <div> 4.5SGXEA5K1F35C1N.pdf</div> <div> 5.5SGXEA5K1F35C1N.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 53105664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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   | 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)<br>5SGXEA5K1F35C1N | 5SGXEA5K1F35C1N Distributor                           | 5SGXEA5K1F35C1N Supplier                                            |
| 5SGXEA5K1F35C1N Price                                           | 5SGXEA5K1F35C1N Pictures                              | 5SGXEA5K1F35C1N Image                                               |
| 5SGXEA5K1F35C1N PDF Datasheet                                   | 5SGXEA5K1F35C1N Download Datasheet                    | 5SGXEA5K1F35C1N Datasheet                                           |
| 5SGXEA5K1F35C1N Stock                                           | Buy 5SGXEA5K1F35C1N                                   | Buy Altera (Intel® Programmable Solutions Group)<br>5SGXEA5K1F35C1N |
| Altera (Intel® Programmable Solutions Group)<br>5SGXEA5K1F35C1N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor            |
| Altera (Intel® Programmable Solutions Group)<br>5SGXEA5K1F35C1N | Altera 5SGXEA5K1F35C1N                                | Altera (Intel® Programmable Solutions Group)<br>5SGXEA5K1F35C1N     |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGXEA5K1F35C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 13 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5H3F35I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 14 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5K1F40C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 11 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5H3F35I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 20 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5K1F35C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 12 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5H3F35C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 22 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5H3F35I3L</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>5SGXEA5K1F35I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5K1F35C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 11 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXEA5H3F35I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 14 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA5H3F35C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 552 I/O 1152FBGA<br/>In stock: 18 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5K1F40C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 12 pcs</div> <div>RFQ</div>  |