



## 5SGXEA5K3F35I3LN


Part Number: 5SGXEA5K3F35I3LN  
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)  
 Product description: IC FPGA 432 I/O 1152FBGA  
[PDF](#) 1.5SGXEA5K3F35I3LN.pdf  
[PDF](#) 2.5SGXEA5K3F35I3LN.pdf  
[PDF](#) 3.5SGXEA5K3F35I3LN.pdf  
[PDF](#) 4.5SGXEA5K3F35I3LN.pdf  
[PDF](#) 5.5SGXEA5K3F35I3LN.pdf  
 Datasheets:  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



Image may be representation. See specifications for product details.

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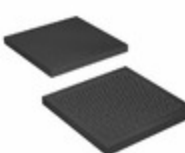
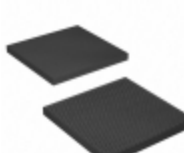
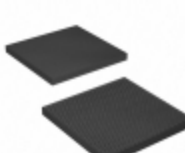
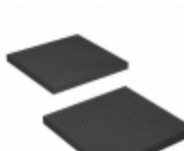
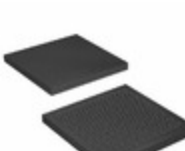
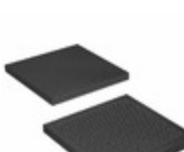
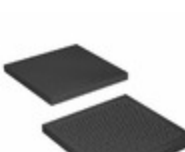
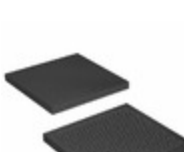
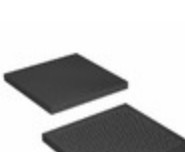

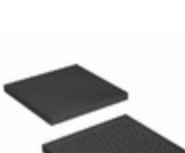
### Specifications of 5SGXEA5K3F35I3LN

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | 5SGXEA5K3F35I3LN   |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)   |
| DESCRIPTION                      | IC FPGA 432 I/O 1152FBGA   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXEA5K3F35I3LN.pdf<br><a href="#">PDF</a> 2.5SGXEA5K3F35I3LN.pdf<br><a href="#">PDF</a> 3.5SGXEA5K3F35I3LN.pdf<br><a href="#">PDF</a> 4.5SGXEA5K3F35I3LN.pdf<br><a href="#">PDF</a> 5.5SGXEA5K3F35I3LN.pdf |
| 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

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### Related Products

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|--|--|
|  <p><b>5SGXEA5K3F35I3</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA 432 I/O 1152FBGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |  <p><b>5SGXEA5K3F35I4N</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA 432 I/O 1152FBGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
|  <p><b>5SGXEA5K3F40C2L</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA 696 I/O 1517FBGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |  <p><b>5SGXEA5K3F40C2LN</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA 696 I/O 1517FBGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
|  <p><b>5SGXEA5K3F40C3N</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA 696 I/O 1517FBGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |  <p><b>5SGXEA5K3F35C3N</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA 432 I/O 1152FBGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
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