



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXEABN2F45I2LN

Part Number:5SGXEABN2F45I2LN

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product description:IC FPGA 840 I/O 1932FBGA

PDF

1.5SGXEABN2F45I2LN.pdf

PDF

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3.5SGXEABN2F45I2LN.pdf

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PDF

5.5SGXEABN2F45I2LN.pdf

Datasheets:

RoHs Status

✓

RoHS

Lead free / RoHS Compliant

Stock Condition6 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

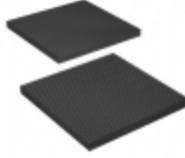
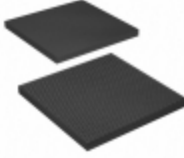
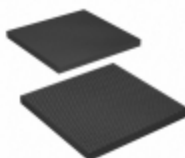
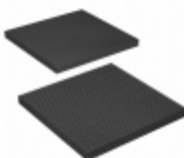
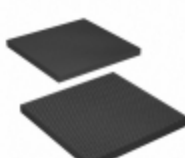
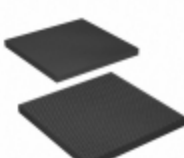
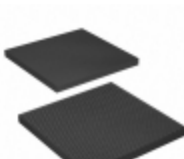
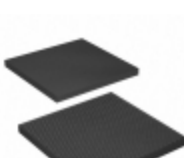
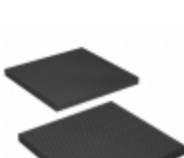
Specifications of 5SGXEABN2F45I2LN

|                                  |                                                                                                                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEABN2F45I2LN                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 6 pcs                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       | <div><div>PDF</div><div>1.5SGXEABN2F45I2LN.pdf</div></div> <div><div>PDF</div><div>2.5SGXEABN2F45I2LN.pdf</div></div> <div><div>PDF</div><div>3.5SGXEABN2F45I2LN.pdf</div></div> <div><div>PDF</div><div>4.5SGXEABN2F45I2LN.pdf</div></div> <div><div>PDF</div><div>5.5SGXEABN2F45I2LN.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 65561600                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                                                                                                                                                  |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 952000                                                                                                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 359200                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 840                                                                                                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | 5SGXEAB                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                                  |                                                       |                                                                      |
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Related Products

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| <div><div></div><div>5SGXEABN2F45I2L</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 5 pcs</div><div>RFQ</div></div>  | <div><div></div><div>5SGXEABN2F45C2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 6 pcs</div><div>RFQ</div></div>  |
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| <div><div></div><div>5SGXEABN2F45I3N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 8 pcs</div><div>RFQ</div></div>  | <div><div></div><div>5SGXEABN2F45I2</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 6 pcs</div><div>RFQ</div></div>   |