



Altera (Intel® Programmable

Solutions Group)



5SGXMABN1F45C2N

Part Number:

Altera (Intel® Programmable Solutions Group)

Manufacturer/Brand:

IC FPGA 840 I/O 1932FBGA

Product description

 1.5SGXMABN1F45C2N.pdf

 2.5SGXMABN1F45C2N.pdf

 3.5SGXMABN1F45C2N.pdf

 4.5SGXMABN1F45C2N.pdf

 5.5SGXMABN1F45C2N.pdf

Datasheets:

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

7 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

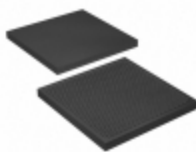
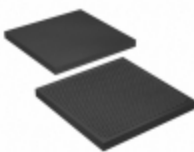
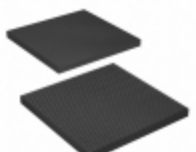
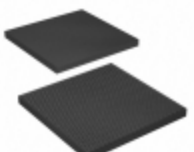
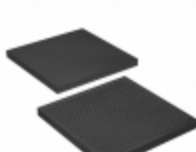
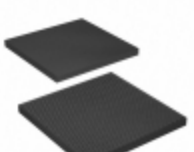
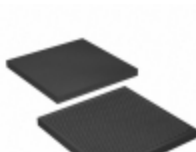
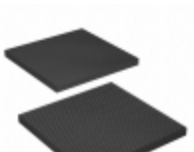
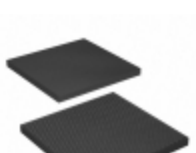
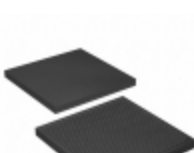
Specifications of 5SGXMABN1F45C2N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMABN1F45C2N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 7 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.5SGXMABN1F45C2N.pdf<br> 2.5SGXMABN1F45C2N.pdf<br> 3.5SGXMABN1F45C2N.pdf<br> 4.5SGXMABN1F45C2N.pdf<br> 5.5SGXMABN1F45C2N.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 65561600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 85°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                 | 5SGXMAB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                                 |                                                       |                                                                     |
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Related Products

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5SGXMABK3H40I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517HBGA</div> <div>In stock: 9 pcs</div> <div>RFQ</div>  |  <div>5SGXMABK3H40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517HBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div>  |
|  <div>5SGXMABN2F45C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div>   |  <div>5SGXMABN2F45C2LN</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>5SGXMABK3H40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517HBGA</div> <div>In stock: 8 pcs</div> <div>RFQ</div>  |  <div>5SGXMABN1F45I2N</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>5SGXMABK3H40I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517HBGA</div> <div>In stock: 8 pcs</div> <div>RFQ</div> |  <div>5SGXMABN2F45C2N</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>5SGXMABN1F45C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div> |  <div>5SGXMABK3H40C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517HBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div> |
|  <div>5SGXMABN2F45C3N</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>5SGXMABN1F45I2LN</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> |