



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

Part Number: 5SGXMA7N2F45C2

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

Product description: IC FPGA 840 I/O 1932FBGA

[PDF](#) 1.5SGXMA7N2F45C2.pdf

[PDF](#) 2.5SGXMA7N2F45C2.pdf

[PDF](#) 3.5SGXMA7N2F45C2.pdf

[PDF](#) 4.5SGXMA7N2F45C2.pdf

[PDF](#) 5.5SGXMA7N2F45C2.pdf

Datasheets:

RoHs Status:  Contains lead / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

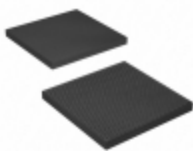
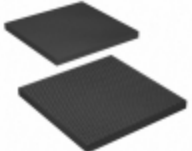
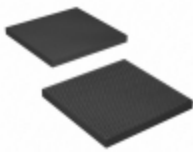
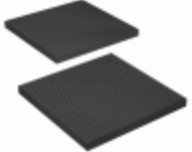
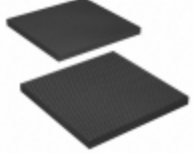
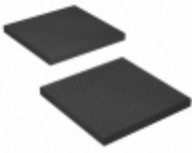
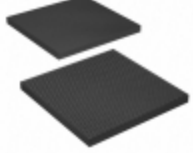
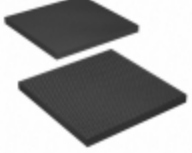
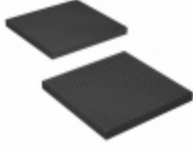
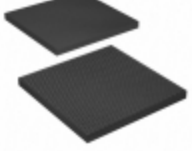
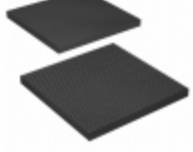
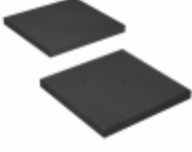
Specifications of 5SGXMA7N2F45C2

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMA7N2F45C2                                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXMA7N2F45C2.pdf<br><a href="#">PDF</a> 2.5SGXMA7N2F45C2.pdf<br><a href="#">PDF</a> 3.5SGXMA7N2F45C2.pdf<br><a href="#">PDF</a> 4.5SGXMA7N2F45C2.pdf<br><a href="#">PDF</a> 5.5SGXMA7N2F45C2.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 59939840                                                                                                                                                                                                                 |
| 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   | 622000                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 234720                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 840                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                           |
| BASE PART NUMBER                 | 5SGXMA7                                                                                                                                                                                                                  |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXMA7N2F45C2 | 5SGXMA7N2F45C2 Distributor                            | 5SGXMA7N2F45C2 Supplier                                         |
| 5SGXMA7N2F45C2 Price                                        | 5SGXMA7N2F45C2 Pictures                               | 5SGXMA7N2F45C2 Image                                            |
| 5SGXMA7N2F45C2 PDF Datasheet                                | 5SGXMA7N2F45C2 Download Datasheet                     | 5SGXMA7N2F45C2 Datasheet                                        |
| 5SGXMA7N2F45C2 Stock                                        | Buy 5SGXMA7N2F45C2                                    | Buy Altera (Intel® Programmable Solutions Group) 5SGXMA7N2F45C2 |
| Altera (Intel® Programmable Solutions Group) 5SGXMA7N2F45C2 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor        |
| Altera (Intel® Programmable Solutions Group) 5SGXMA7N2F45C2 | Altera 5SGXMA7N2F45C2                                 | Altera (Intel® Programmable Solutions Group) 5SGXMA7N2F45C2     |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5SGXMA7N2F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGXMA7N2F45C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
| <div></div> <div><b>5SGXMA7N2F40I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> | <div></div> <div><b>5SGXMA7N2F45I2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
| <div></div> <div><b>5SGXMA7N2F45C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   | <div></div> <div><b>5SGXMA7N2F40I2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
| <div></div> <div><b>5SGXMA7N2F45I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGXMA7N2F45C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
| <div></div> <div><b>5SGXMA7N2F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGXMA7N2F45C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
| <div></div> <div><b>5SGXMA7N2F45C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGXMA7N2F40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |