



Altera (Intel® Programmable



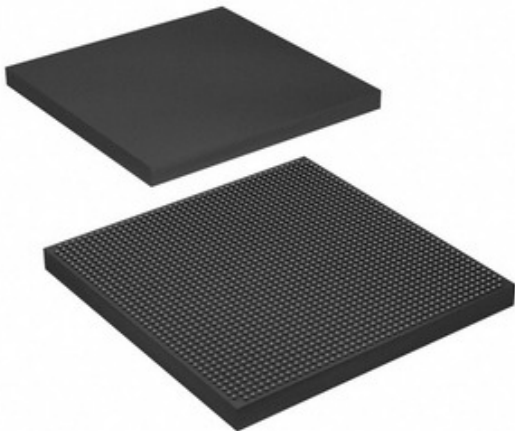


Image may be representation. See specifications for product details.

5SGXMA7N3F45C3N

Part Number: 5SGXMA7N3F45C3N

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

Product description: IC FPGA 840 I/O 1932FBGA  
[1.5SGXMA7N3F45C3N.pdf](#)  
[2.5SGXMA7N3F45C3N.pdf](#)  
[3.5SGXMA7N3F45C3N.pdf](#)  
[4.5SGXMA7N3F45C3N.pdf](#)  
[5.5SGXMA7N3F45C3N.pdf](#)

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 13 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

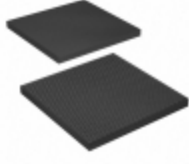
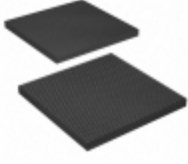
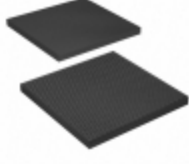
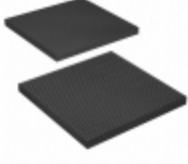
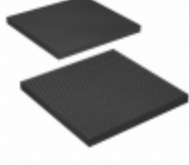
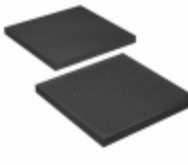
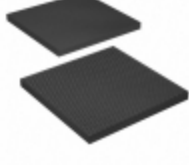
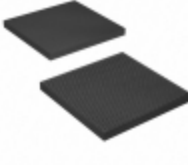
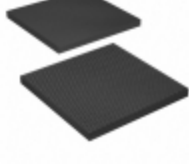
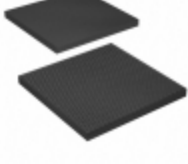
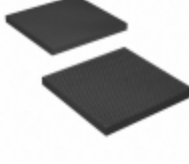
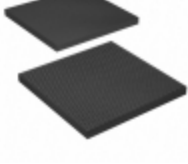
Specifications of 5SGXMA7N3F45C3N

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMA7N3F45C3N                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 13 pcs                                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">1.5SGXMA7N3F45C3N.pdf</a><br><a href="#">2.5SGXMA7N3F45C3N.pdf</a><br><a href="#">3.5SGXMA7N3F45C3N.pdf</a><br><a href="#">4.5SGXMA7N3F45C3N.pdf</a><br><a href="#">5.5SGXMA7N3F45C3N.pdf</a> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 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   | Lead free / RoHS Compliant                                                                                                                                                                                |
| BASE PART NUMBER                 | 5SGXMA7                                                                                                                                                                                                   |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
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| 5SGXMA7N3F45C3N PDF Datasheet                                | 5SGXMA7N3F45C3N Download Datasheet                    | 5SGXMA7N3F45C3N Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5SGXMA7N3F45I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div>  |  <div>5SGXMA7N3F45C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 15 pcs</div> <div>RFQ</div>   |
|  <div>5SGXMA7N3F45I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>  |  <div>5SGXMA7N3F45C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>   |
|  <div>5SGXMA7N3F45C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div> |  <div>5SGXMA9K1H40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517HBGA</div> <div>In stock: 6 pcs</div> <div>RFQ</div>  |
|  <div>5SGXMA7N3F45C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>  |  <div>5SGXMA7N3F40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>  |
|  <div>5SGXMA7N3F45C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 16 pcs</div> <div>RFQ</div>  |  <div>5SGXMA7N3F45C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 19 pcs</div> <div>RFQ</div>   |
|  <div>5SGXMA7N3F40I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div>  |  <div>5SGXMA7N3F45I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div> |