



Altera (Intel® Programmable

Solutions Group)

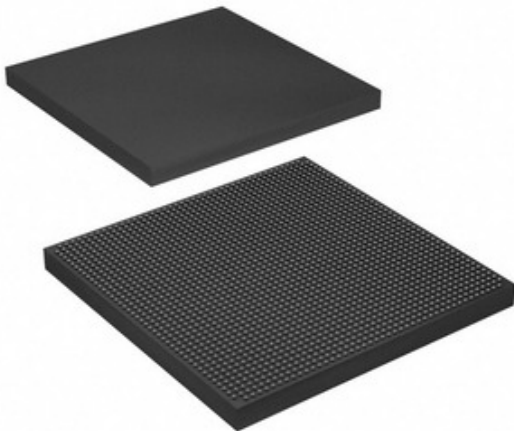


Image may be representation. See specifications for product details.

Part Number: 5SGXMA7N2F45I2N

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

Product description IC FPGA 840 I/O 1932FBGA

PDF

1.5SGXMA7N2F45I2N.pdf

PDF

2.5SGXMA7N2F45I2N.pdf

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3.5SGXMA7N2F45I2N.pdf

PDF

4.5SGXMA7N2F45I2N.pdf

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5.5SGXMA7N2F45I2N.pdf

Datasheets:

RoHs Status  Lead free / RoHS Compliant

Stock Condition 10 pcs stock

Ship From Hong Kong

Shipment Way DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

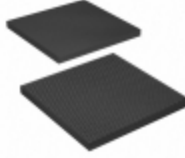
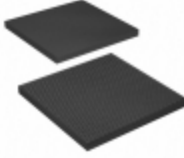
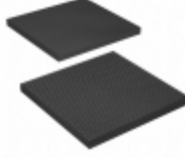
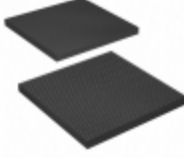
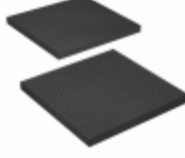
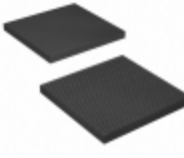
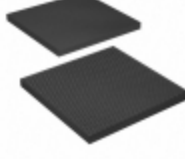
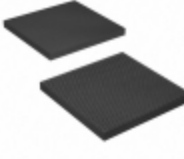
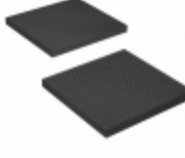
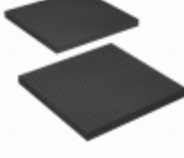
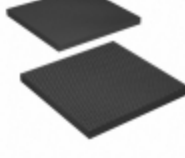
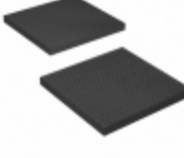
Specifications of 5SGXMA7N2F45I2N

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMA7N2F45I2N                                                                                                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 10 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>PDF</div>1.5SGXMA7N2F45I2N.pdf</div> <div><div>PDF</div>2.5SGXMA7N2F45I2N.pdf</div> <div><div>PDF</div>3.5SGXMA7N2F45I2N.pdf</div> <div><div>PDF</div>4.5SGXMA7N2F45I2N.pdf</div> <div><div>PDF</div>5.5SGXMA7N2F45I2N.pdf</div> |
| 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            | -40°C ~ 100°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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Related Products

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| <div></div> <div>5SGXMA7N2F45I3LN</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></div> <div>5SGXMA7N2F45C3</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></div> <div>5SGXMA7N2F45I3N</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></div> <div>5SGXMA7N2F45C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXMA7N2F45C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXMA7N3F40C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div>   |
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