



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXEA9N2F45I2N

|                     |                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA9N2F45I2N                                                                                                                                                                                                                                                     |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                        |
| Product description | IC FPGA 840 I/O 1932FBGA <div><div>PDF</div>1.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>2.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>3.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>4.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>5.5SGXEA9N2F45I2N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                     |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                   |
| Stock Condition     | 5 pcs stock                                                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

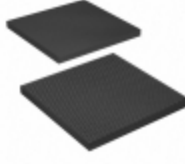
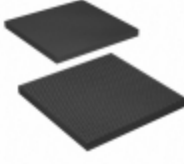
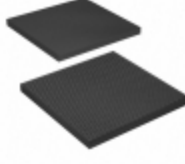
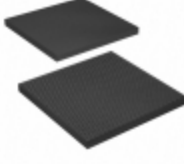
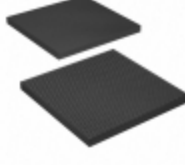
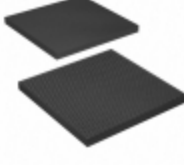
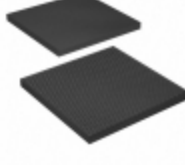
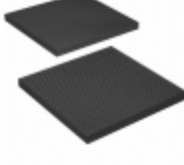
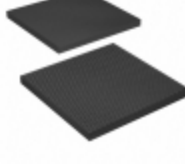
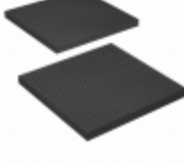
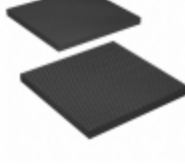
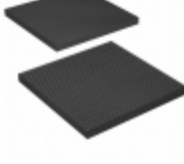
Specifications of 5SGXEA9N2F45I2N

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA9N2F45I2N                                                                                                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 5 pcs                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><div>PDF</div>1.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>2.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>3.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>4.5SGXEA9N2F45I2N.pdf</div> <div><div>PDF</div>5.5SGXEA9N2F45I2N.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 64210944                                                                                                                                                                                                                                   |
| 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   | 840000                                                                                                                                                                                                                                     |
| NUMBER OF LABS/CLBS              | 317000                                                                                                                                                                                                                                     |
| 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                 | 5SGXEA9                                                                                                                                                                                                                                    |

Related Tags

|                                                              |                                                       |                                                                  |
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Related Products

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| <div></div> <div>5SGXEA9N2F45I3L</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></div> <div>5SGXEA9N3F45C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 9 pcs</div> <div>RFQ</div> |
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