

5SGXEA5N3F45C2N





Part Number: 5SGXEA5N3F45C2N

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 840 I/O 1932FBGA

Data sheet:

PDF

Stratix V Device Handbook

PDF

Stratix V Device Datasheet

PDF

Stratix V Devices Errata

PDF

Stratix V Device Overview

PDF

Virtual JTAG Megafuntion User Guide

RoHs Status: Lead free / RoHS Compliant

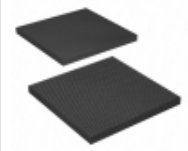
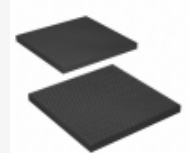
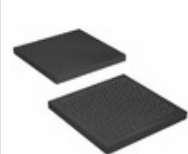
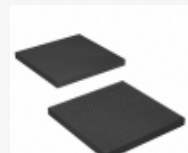
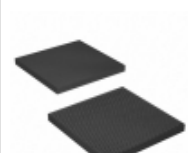
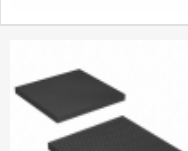
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy 5SGXEA5N3F45C2N with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5SGXEA5N3F45C2N                           | Manufacturer                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 840 I/O 1932FBGA                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12 pcs                                    | Data sheet                       | <a href="#">Stratix V Device Handbook</a><br><a href="#">Stratix V Device Datasheet</a><br><a href="#">Stratix V Devices Errata</a><br><a href="#">Stratix V Device Overview</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                         |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 53105664                                  | 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   | 490000                                                                                                                                                                                                                                  |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 185000                                    | 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                 | 5SGXEA5                                                                                                                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 12 pieces of Altera (Intel® Programmable Solutions Group) 5SGXEA5N3F45C2N in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                                                                                                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">5SGXEA5N3F45C2L</a><br>Description: IC FPGA 840 I/O 1932FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45C3N</a><br>Description: IC FPGA 840 I/O 1932FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA7H1F35C1</a><br>Description: IC FPGA 552 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40C4N</a><br>Description: IC FPGA 600 I/O 1517FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40C3N</a><br>Description: IC FPGA 600 I/O 1517FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45C4N</a><br>Description: IC FPGA 840 I/O 1932FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA7H1F35C2L</a><br>Description: IC FPGA 552 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40C2LN</a><br>Description: IC FPGA 600 I/O 1517FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA7H1F35C1N</a><br>Description: IC FPGA 552 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40C2N</a><br>Description: IC FPGA 600 I/O 1517FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45I3LN</a><br>Description: IC FPGA 840 I/O 1932FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45C2LN</a><br>Description: IC FPGA 840 I/O 1932FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA7H1F35C2</a><br>Description: IC FPGA 552 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40I3N</a><br>Description: IC FPGA 600 I/O 1517FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45I3N</a><br>Description: IC FPGA 840 I/O 1932FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40I3L</a><br>Description: IC FPGA 600 I/O 1517FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40I3LN</a><br>Description: IC FPGA 600 I/O 1517FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45I4N</a><br>Description: IC FPGA 840 I/O 1932FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F45I3L</a><br>Description: IC FPGA 840 I/O 1932FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5SGXEA5N3F40I4N</a><br>Description: IC FPGA 600 I/O 1517FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                              |                                              |                           |                                              |
|----------------------------------------------|----------------------------------------------|---------------------------|----------------------------------------------|
| Related keywords for 5SGXEA5N3F45C2N         |                                              |                           |                                              |
| Altera (Intel® Programmable Solutions Group) | 5SGXEA5N3F45C2N distributor                  | 5SGXEA5N3F45C2N supplier  | 5SGXEA5N3F45C2N price                        |
| 5SGXEA5N3F45C2N                              | 5SGXEA5N3F45C2N download datasheet           | 5SGXEA5N3F45C2N datasheet | 5SGXEA5N3F45C2N stock                        |
| buy 5SGXEA5N3F45C2N                          | Altera (Intel® Programmable Solutions Group) | Altera 5SGXEA5N3F45C2N    | Altera (Intel® Programmable Solutions Group) |
|                                              | 5SGXEA5N3F45C2N                              |                           | 5SGXEA5N3F45C2N                              |