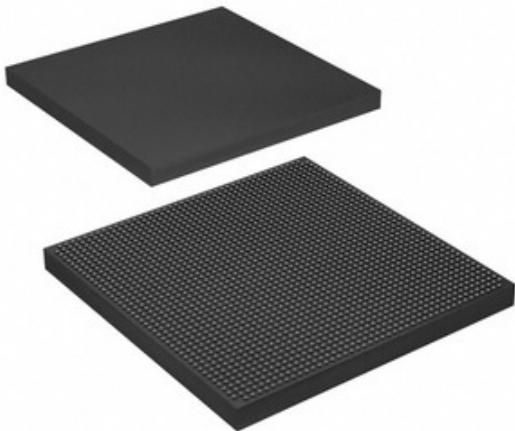




Altera (Intel® Programmable

Solutions Group)



5SGSED8N2F45I3N

|                     |                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSED8N2F45I3N                                                                                                                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                 |
| Product description | IC FPGA 840 I/O 1932FBGA<br><a href="#">PDF</a> 1.5SGSED8N2F45I3N.pdf<br><a href="#">PDF</a> 2.5SGSED8N2F45I3N.pdf<br><a href="#">PDF</a> 3.5SGSED8N2F45I3N.pdf<br><a href="#">PDF</a> 4.5SGSED8N2F45I3N.pdf |
| Datasheets:         |                                                                                                                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                        |

REQUEST FOR QUOTATION

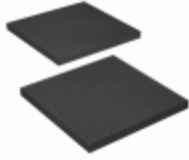
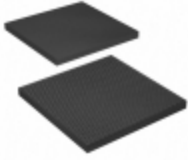
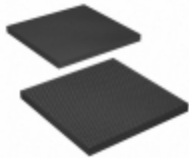
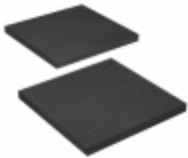
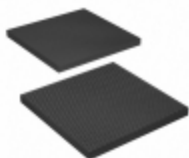
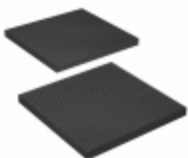
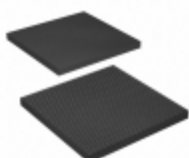
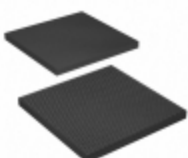
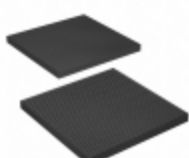
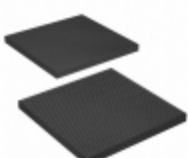
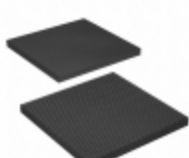
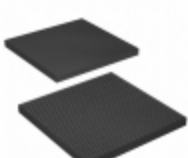
Specifications of 5SGSED8N2F45I3N

|                                  |                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSED8N2F45I3N                                                                                                                                                                  |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                     |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                       |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGSED8N2F45I3N.pdf<br><a href="#">PDF</a> 2.5SGSED8N2F45I3N.pdf<br><a href="#">PDF</a> 3.5SGSED8N2F45I3N.pdf<br><a href="#">PDF</a> 4.5SGSED8N2F45I3N.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                  |
| TOTAL RAM BITS                   | 60968960                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                            |
| SERIES                           | Stratix® V GS                                                                                                                                                                    |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 695000                                                                                                                                                                           |
| NUMBER OF LABS/CLBS              | 262400                                                                                                                                                                           |
| 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                 | 5SGSED8                                                                                                                                                                          |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSED8N2F45I3N | 5SGSED8N2F45I3N Distributor                           | 5SGSED8N2F45I3N Supplier                                         |
| 5SGSED8N2F45I3N Price                                        | 5SGSED8N2F45I3N Pictures                              | 5SGSED8N2F45I3N Image                                            |
| 5SGSED8N2F45I3N PDF Datasheet                                | 5SGSED8N2F45I3N Download Datasheet                    | 5SGSED8N2F45I3N Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) 5SGSED8N2F45I3N | Altera 5SGSED8N2F45I3N                                | Altera (Intel® Programmable Solutions Group) 5SGSED8N2F45I3N     |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5SGSED8N3F45C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  | <div></div> <div><b>5SGSED8N2F45I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
| <div></div> <div><b>5SGSED8N3F45C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  | <div></div> <div><b>5SGSED8N3F45C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
| <div></div> <div><b>5SGSED8N2F45I2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> | <div></div> <div><b>5SGSED8N3F45C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
| <div></div> <div><b>5SGSED8N2F45I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> | <div></div> <div><b>5SGSED8N2F45I2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
| <div></div> <div><b>5SGSED8N2F45I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  | <div></div> <div><b>5SGSED8N3F45C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
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