



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGSED6N2F45C2L

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSED6N2F45C2L                                                                                                  |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                     |
| Product description | IC FPGA 840 I/O 1932FBGA                                                                                         |
|                     |  1.5SGSED6N2F45C2L.pdf          |
|                     |  2.5SGSED6N2F45C2L.pdf          |
| Datasheets:         |                                                                                                                  |
| RoHs Status         |  Contains lead / RoHS Compliant |
| Stock Condition     | 10 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

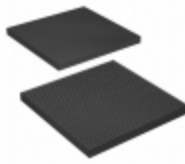
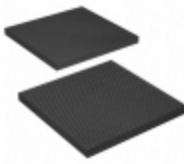
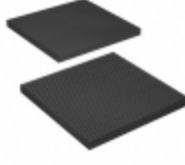
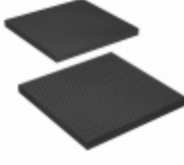
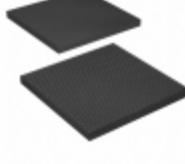
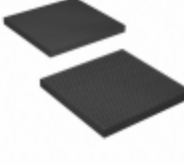
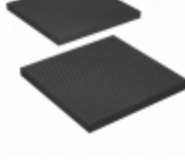
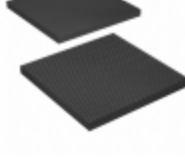
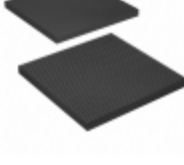
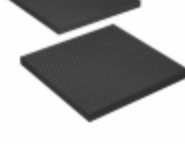
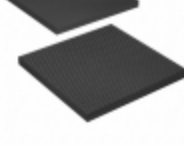
Specifications of 5SGSED6N2F45C2L

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSED6N2F45C2L                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 10 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.5SGSED6N2F45C2L.pdf<br> 2.5SGSED6N2F45C2L.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 54553600                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                                                                  |
| SERIES                           | Stratix® V GS                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 583000                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 220000                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 840                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                         |
| BASE PART NUMBER                 | 5SGSED6                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
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| Altera (Intel® Programmable Solutions Group) 5SGSED6N2F45C2L | 5SGSED6N2F45C2L Distributor                           | 5SGSED6N2F45C2L Supplier                                         |
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| 5SGSED6N2F45C2L PDF Datasheet                                | 5SGSED6N2F45C2L Download Datasheet                    | 5SGSED6N2F45C2L Datasheet                                        |
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Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGSED6N2F45C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 11 pcs</div> <div>RFQ</div> | <div></div> <div>5SGSED6N2F45I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSED6N1F45C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 9 pcs</div> <div>RFQ</div>   | <div></div> <div>5SGSED6N1F45C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 7 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSED6N2F45C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 10 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSED6K3F40I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 11 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGSED6N2F45I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 6 pcs</div> <div>RFQ</div>   | <div></div> <div>5SGSED6N2F45C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 9 pcs</div> <div>RFQ</div>   |
| <div></div> <div>5SGSED6N2F45I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSED6N2F45C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 12 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGSED6N1F45I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 6 pcs</div> <div>RFQ</div>   | <div></div> <div>5SGSED6N1F45C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div> |