



Altera (Intel® Programmable

Solutions Group)



5SGSED6N3F45C3N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSED6N3F45C3N                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 840 I/O 1932FBGA                                                                                     |
|                     |  1.5SGSED6N3F45C3N.pdf      |
|                     |  2.5SGSED6N3F45C3N.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

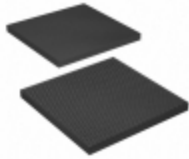
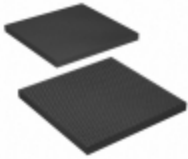
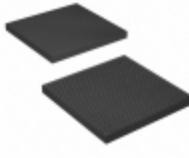
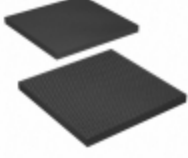
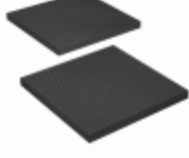
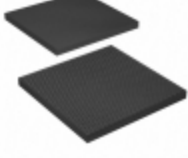
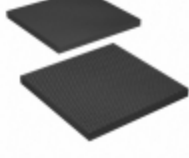
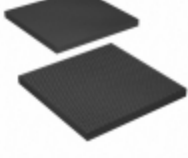
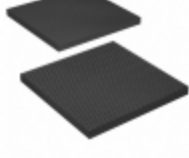
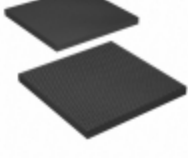
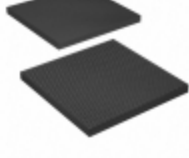
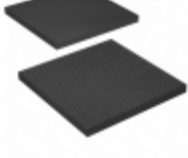
Specifications of 5SGSED6N3F45C3N

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSED6N3F45C3N                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.5SGSED6N3F45C3N.pdf<br> 2.5SGSED6N3F45C3N.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   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| BASE PART NUMBER                 | 5SGSED6                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
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| Altera (Intel® Programmable Solutions Group) 5SGSED6N3F45C3N | 5SGSED6N3F45C3N Distributor                           | 5SGSED6N3F45C3N Supplier                                         |
| 5SGSED6N3F45C3N Price                                        | 5SGSED6N3F45C3N Pictures                              | 5SGSED6N3F45C3N Image                                            |
| 5SGSED6N3F45C3N PDF Datasheet                                | 5SGSED6N3F45C3N Download Datasheet                    | 5SGSED6N3F45C3N Datasheet                                        |
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Related Products

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5SGSED6N2F45I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>5SGSED6N3F45C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>5SGSED8K1F40C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>5SGSED6N3F45I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
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