



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGSMD6N3F45I4N

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD6N3F45I4N                                                                                                                                                                                                      |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                         |
| Product description | IC FPGA 840 I/O 1932FBGA <div><div>PDF</div>1.5SGSMD6N3F45I4N.pdf</div> <div><div>PDF</div>2.5SGSMD6N3F45I4N.pdf</div> <div><div>PDF</div>3.5SGSMD6N3F45I4N.pdf</div> <div><div>PDF</div>4.5SGSMD6N3F45I4N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                      |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                    |
| Stock Condition     | 13 pcs stock                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

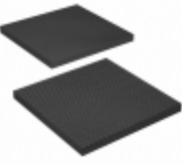
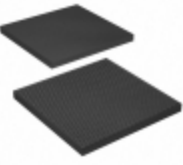
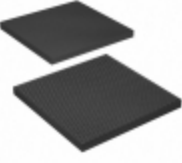
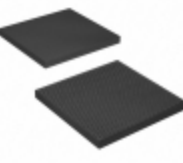
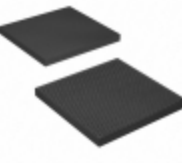
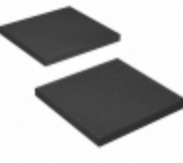
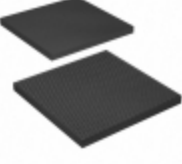
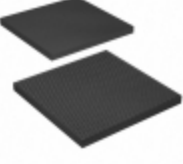
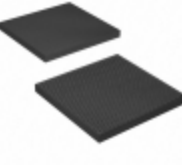
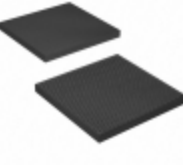
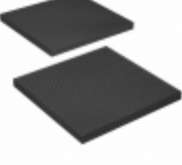
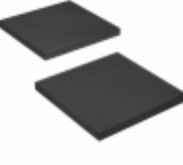
Specifications of 5SGSMD6N3F45I4N

|                                  |                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD6N3F45I4N                                                                                                                                                                             |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 840 I/O 1932FBGA                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 13 pcs                                                                                                                                                                                      |
| DATA SHEET                       | <div><div>PDF</div>1.5SGSMD6N3F45I4N.pdf</div> <div><div>PDF</div>2.5SGSMD6N3F45I4N.pdf</div> <div><div>PDF</div>3.5SGSMD6N3F45I4N.pdf</div> <div><div>PDF</div>4.5SGSMD6N3F45I4N.pdf</div> |
| 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            | -40°C ~ 100°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                 | 5SGSMD6                                                                                                                                                                                     |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSMD6N3F45I4N | 5SGSMD6N3F45I4N Distributor                           | 5SGSMD6N3F45I4N Supplier                                         |
| 5SGSMD6N3F45I4N Price                                        | 5SGSMD6N3F45I4N Pictures                              | 5SGSMD6N3F45I4N Image                                            |
| 5SGSMD6N3F45I4N PDF Datasheet                                | 5SGSMD6N3F45I4N Download Datasheet                    | 5SGSMD6N3F45I4N Datasheet                                        |
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Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div><div>5SGSMD6N3F45C3N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 13 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>5SGSMD6N3F45C4N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 16 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>5SGSMD6N3F45C2LN</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 12 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>5SGSMD8K2F40C2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 696 I/O 1517FBGA</div><div>In stock: 8 pcs</div><div>RFQ</div></div></div>   |
| <div><div></div><div><div>5SGSMD8K1F40C2LN</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 696 I/O 1517FBGA</div><div>In stock: 8 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>5SGSMD8K1F40I2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 696 I/O 1517FBGA</div><div>In stock: 6 pcs</div><div>RFQ</div></div></div>   |
| <div><div></div><div><div>5SGSMD6N3F45I3N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 10 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>5SGSMD6N3F45I3LN</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 12 pcs</div><div>RFQ</div></div></div> |
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| <div><div></div><div><div>5SGSMD6N3F45C2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 840 I/O 1932FBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>5SGSMD8K1F40C2N</div><div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div><div>Description: IC FPGA 696 I/O 1517FBGA</div><div>In stock: 8 pcs</div><div>RFQ</div></div></div>   |