



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXEA5N3F40C2N

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXEA5N3F40C2N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC FPGA 600 I/O 1517FBGA <div> 1.5SGXEA5N3F40C2N.pdf</div> <div> 2.5SGXEA5N3F40C2N.pdf</div> <div> 3.5SGXEA5N3F40C2N.pdf</div> <div> 4.5SGXEA5N3F40C2N.pdf</div> <div> 5.5SGXEA5N3F40C2N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stock Condition     | 12 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

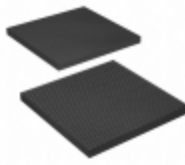
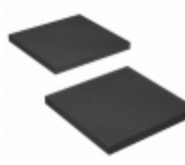
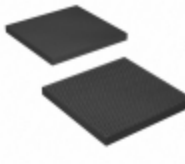
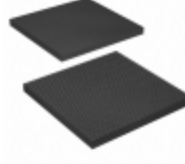
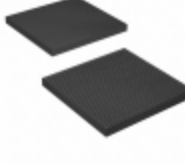
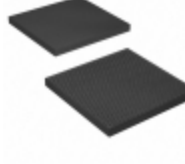
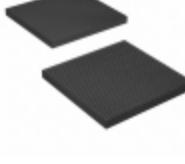
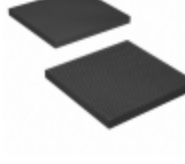
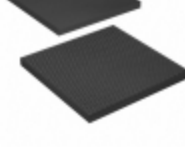
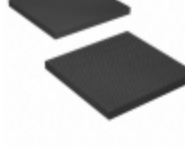
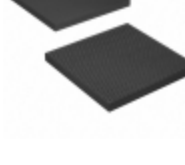
Specifications of 5SGXEA5N3F40C2N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXEA5N3F40C2N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 600 I/O 1517FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 12 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.5SGXEA5N3F40C2N.pdf</div> <div> 2.5SGXEA5N3F40C2N.pdf</div> <div> 3.5SGXEA5N3F40C2N.pdf</div> <div> 4.5SGXEA5N3F40C2N.pdf</div> <div> 5.5SGXEA5N3F40C2N.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 53105664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 490000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 185000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | 5SGXEA5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXEA5N3F40C2N | 5SGXEA5N3F40C2N Distributor                           | 5SGXEA5N3F40C2N Supplier                                         |
| 5SGXEA5N3F40C2N Price                                        | 5SGXEA5N3F40C2N Pictures                              | 5SGXEA5N3F40C2N Image                                            |
| 5SGXEA5N3F40C2N PDF Datasheet                                | 5SGXEA5N3F40C2N Download Datasheet                    | 5SGXEA5N3F40C2N Datasheet                                        |
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Related Products

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| <div></div> <div>5SGXEA5N2F45I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 840 I/O 1932FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXEA5N3F40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 16 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5N3F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5N2F45I3L</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>5SGXEA5N3F40C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 23 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5N3F40I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXEA5N3F40I3L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXEA5N3F40I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5N2F45I3N</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>5SGXEA5N3F40C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXEA5N2F45I2N</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>5SGXEA5N3F40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1517FBGA</div> <div>In stock: 15 pcs</div> <div>RFQ</div> |