



Altera (Intel® Programmable

Solutions Group)

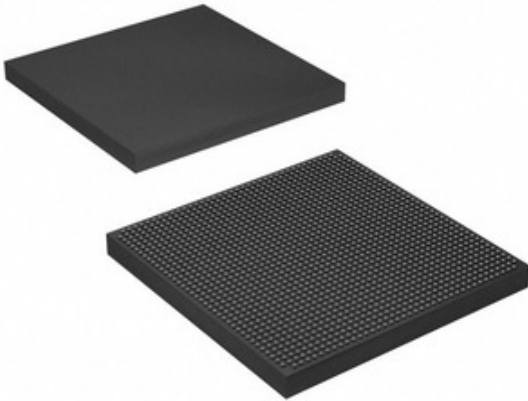


Image may be representation. See specifications for product details.

### 5SGXMA7N3F40I3

|                     |                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXMA7N3F40I3                                                                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                 |
| Product description | IC FPGA 600 I/O 1517FBGA <div><a href="#">PDF</a> 1.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 2.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 3.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 4.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 5.5SGXMA7N3F40I3.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                              |
| RoHs Status         |  Contains lead / RoHS Compliant                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                        |

REQUEST FOR QUOTATION

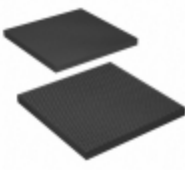
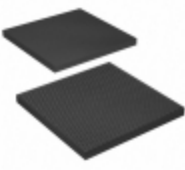
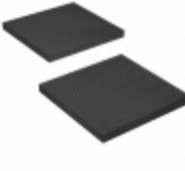
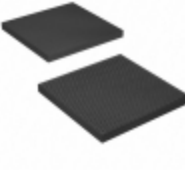
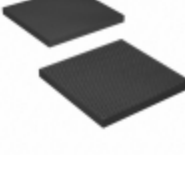
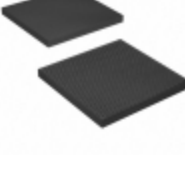
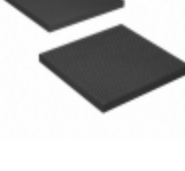
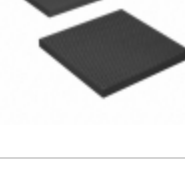
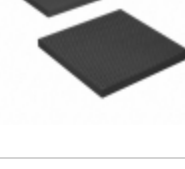
#### Specifications of 5SGXMA7N3F40I3

|                                  |                                                                                                                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMA7N3F40I3                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 600 I/O 1517FBGA                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 2.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 3.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 4.5SGXMA7N3F40I3.pdf</div> <div><a href="#">PDF</a> 5.5SGXMA7N3F40I3.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 59939840                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                   |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                  |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 622000                                                                                                                                                                                                                                                              |
| NUMBER OF LABS/CLBS              | 234720                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 600                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | 5SGXMA7                                                                                                                                                                                                                                                             |

#### Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXMA7N3F40I3 | 5SGXMA7N3F40I3 Distributor                            | 5SGXMA7N3F40I3 Supplier                                         |
| 5SGXMA7N3F40I3 Price                                        | 5SGXMA7N3F40I3 Pictures                               | 5SGXMA7N3F40I3 Image                                            |
| 5SGXMA7N3F40I3 PDF Datasheet                                | 5SGXMA7N3F40I3 Download Datasheet                     | 5SGXMA7N3F40I3 Datasheet                                        |
| 5SGXMA7N3F40I3 Stock                                        | Buy 5SGXMA7N3F40I3                                    | Buy Altera (Intel® Programmable Solutions Group) 5SGXMA7N3F40I3 |
| Altera (Intel® Programmable Solutions Group) 5SGXMA7N3F40I3 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor        |
| Altera (Intel® Programmable Solutions Group) 5SGXMA7N3F40I3 | Altera 5SGXMA7N3F40I3                                 | Altera (Intel® Programmable Solutions Group) 5SGXMA7N3F40I3     |

#### Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5SGXMA7N3F45C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>5SGXMA7N3F45C2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>5SGXMA7N3F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>5SGXMA7N3F40C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>5SGXMA7N3F40I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>5SGXMA7N3F40I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>5SGXMA7N3F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>5SGXMA7N3F45C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 840 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>5SGXMA7N3F40C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>5SGXMA7N3F40C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>5SGXMA7N3F40C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGXMA7N3F40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |