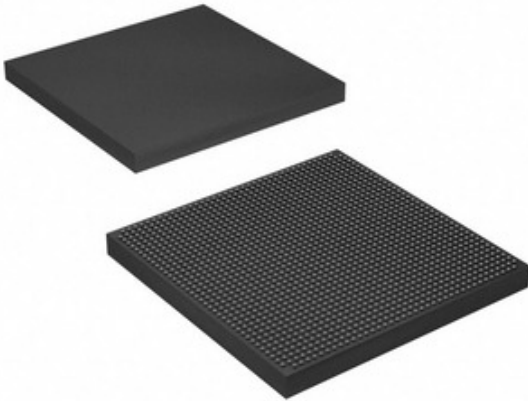




Altera (Intel® Programmable

Solutions Group)



5SGSMD5K2F40I2LN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD5K2F40I2LN                                                                                             |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 696 I/O 1517FBGA                                                                                     |
|                     |  1.5SGSMD5K2F40I2LN.pdf     |
|                     |  2.5SGSMD5K2F40I2LN.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

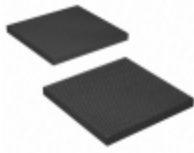
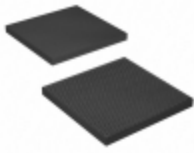
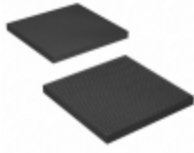
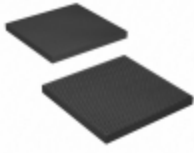
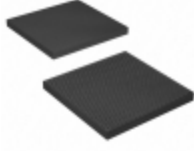
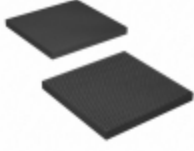
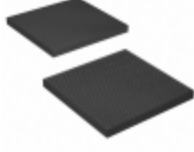
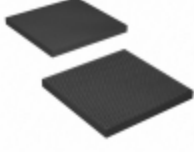
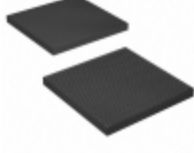
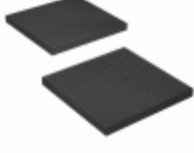
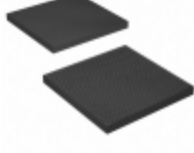
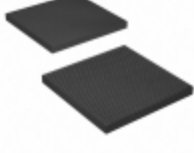
Specifications of 5SGSMD5K2F40I2LN

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD5K2F40I2LN                                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.5SGSMD5K2F40I2LN.pdf<br> 2.5SGSMD5K2F40I2LN.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 46769152                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                        |
| SERIES                           | Stratix® V GS                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 457000                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 172600                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 696                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| BASE PART NUMBER                 | 5SGSMD5                                                                                                                                                                                                                  |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSMD5K2F40I2LN | 5SGSMD5K2F40I2LN Distributor                          | 5SGSMD5K2F40I2LN Supplier                                         |
| 5SGSMD5K2F40I2LN Price                                        | 5SGSMD5K2F40I2LN Pictures                             | 5SGSMD5K2F40I2LN Image                                            |
| 5SGSMD5K2F40I2LN PDF Datasheet                                | 5SGSMD5K2F40I2LN Download Datasheet                   | 5SGSMD5K2F40I2LN Datasheet                                        |
| 5SGSMD5K2F40I2LN Stock                                        | Buy 5SGSMD5K2F40I2LN                                  | Buy Altera (Intel® Programmable Solutions Group) 5SGSMD5K2F40I2LN |
| Altera (Intel® Programmable Solutions Group) 5SGSMD5K2F40I2LN | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor          |
| Altera (Intel® Programmable Solutions Group) 5SGSMD5K2F40I2LN | Altera 5SGSMD5K2F40I2LN                               | Altera (Intel® Programmable Solutions Group) 5SGSMD5K2F40I2LN     |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5SGSMD5K2F40I2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGSMD5K2F40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>5SGSMD5K2F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>5SGSMD5K2F40I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>5SGSMD5K2F40C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>5SGSMD5K2F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5SGSMD5K2F40I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>5SGSMD5K2F40C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5SGSMD5K3F40C2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>5SGSMD5K2F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5SGSMD5K2F40I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5SGSMD5K2F40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |