



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGSMD4K3F40C2L

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD4K3F40C2L                                                                                                  |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                     |
| Product description | IC FPGA 696 I/O 1517FBGA                                                                                         |
|                     |  1.5SGSMD4K3F40C2L.pdf          |
|                     |  2.5SGSMD4K3F40C2L.pdf          |
| Datasheets:         |                                                                                                                  |
| RoHs Status         |  Contains lead / RoHS Compliant |
| Stock Condition     | 15 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

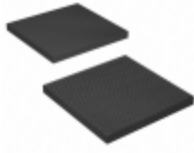
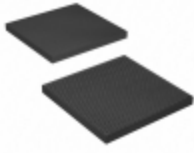
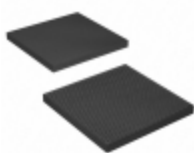
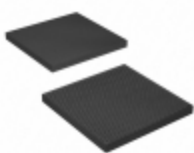
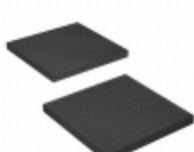
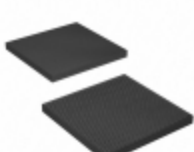
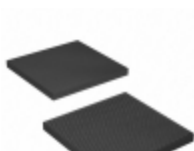
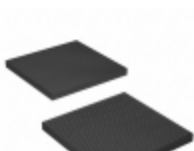
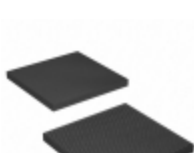
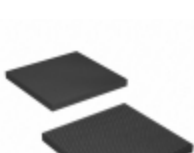
Specifications of 5SGSMD4K3F40C2L

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD4K3F40C2L                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 15 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.5SGSMD4K3F40C2L.pdf<br> 2.5SGSMD4K3F40C2L.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 23946240                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                      |
| SERIES                           | Stratix® V GS                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 360000                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 135840                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 696                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant                                                                                                                                                                                         |
| BASE PART NUMBER                 | 5SGSMD4                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSMD4K3F40C2L | 5SGSMD4K3F40C2L Distributor                           | 5SGSMD4K3F40C2L Supplier                                         |
| 5SGSMD4K3F40C2L Price                                        | 5SGSMD4K3F40C2L Pictures                              | 5SGSMD4K3F40C2L Image                                            |
| 5SGSMD4K3F40C2L PDF Datasheet                                | 5SGSMD4K3F40C2L Download Datasheet                    | 5SGSMD4K3F40C2L Datasheet                                        |
| 5SGSMD4K3F40C2L Stock                                        | Buy 5SGSMD4K3F40C2L                                   | Buy Altera (Intel® Programmable Solutions Group) 5SGSMD4K3F40C2L |
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Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5SGSMD4K3F40I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 19 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>5SGSMD4K2F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 13 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>5SGSMD4K2F40I2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 12 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGSMD4K3F40I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 19 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>5SGSMD4K3F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 21 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGSMD4K3F40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 24 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>5SGSMD4K2F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 15 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGSMD4K2F40I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 20 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>5SGSMD4K2F40I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 14 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGSMD4K2F40I2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 17 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>5SGSMD4K3F40C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 28 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>5SGSMD4K3F40C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 16 pcs<br/><b>RFQ</b></div> |