



Altera (Intel® Programmable

Solutions Group)



|                     |                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD5K3F40C4N                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                              |
| Product description | IC FPGA 696 I/O 1517FBGA<br> 1.5SGSMD5K3F40C4N.pdf<br> 2.5SGSMD5K3F40C4N.pdf<br> 3.5SGSMD5K3F40C4N.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                           |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                              |
| Stock Condition     | 17 pcs stock                                                                                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

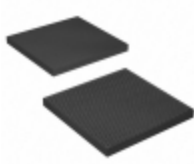
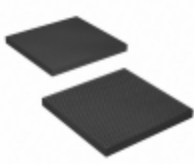
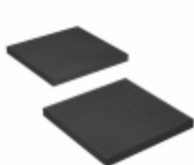
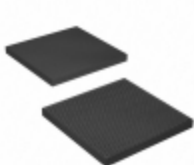
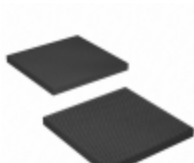
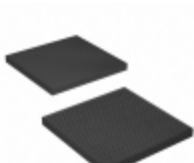
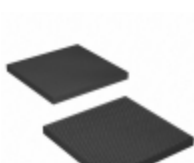
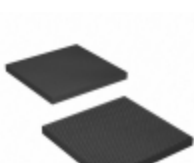
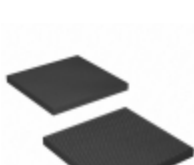
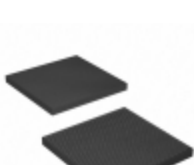
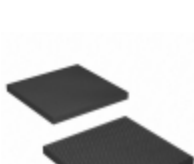
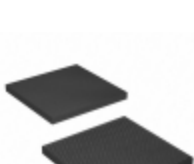
Specifications of 5SGSMD5K3F40C4N

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD5K3F40C4N                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 17 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.5SGSMD5K3F40C4N.pdf<br> 2.5SGSMD5K3F40C4N.pdf<br> 3.5SGSMD5K3F40C4N.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            | 0°C ~ 85°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)<br>5SGSMD5K3F40C4N | 5SGSMD5K3F40C4N Distributor                           | 5SGSMD5K3F40C4N Supplier                                            |
| 5SGSMD5K3F40C4N Price                                           | 5SGSMD5K3F40C4N Pictures                              | 5SGSMD5K3F40C4N Image                                               |
| 5SGSMD5K3F40C4N PDF Datasheet                                   | 5SGSMD5K3F40C4N Download Datasheet                    | 5SGSMD5K3F40C4N Datasheet                                           |
| 5SGSMD5K3F40C4N Stock                                           | Buy 5SGSMD5K3F40C4N                                   | Buy Altera (Intel® Programmable Solutions Group)<br>5SGSMD5K3F40C4N |
| Altera (Intel® Programmable Solutions Group)<br>5SGSMD5K3F40C4N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor            |
| Altera (Intel® Programmable Solutions Group)<br>5SGSMD5K3F40C4N | Altera 5SGSMD5K3F40C4N                                | Altera (Intel® Programmable Solutions Group)<br>5SGSMD5K3F40C4N     |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5SGSMD5K3F40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGSMD5K3F40C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 16 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>5SGSMD5K3F40C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 20 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGSMD5K3F40C2LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 14 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>5SGSMD5K3F40I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 17 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>5SGSMD5K3F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 11 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>5SGSMD5K3F40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 16 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>5SGSMD5K3F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 12 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>5SGSMD5K3F40I4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 14 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>5SGSMD5K3F40C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 12 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>5SGSMD5K3F40I3L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 12 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>5SGSMD5K3F40I3LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 14 pcs<br/><div>RFQ</div></div> |