



Altera (Intel® Programmable

Solutions Group)



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| Part Number:        | 5SGTMC7K2F40C2N                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                              |
| Product description | IC FPGA 600 I/O 1517FBGA<br> 1.5SGTMC7K2F40C2N.pdf<br> 2.5SGTMC7K2F40C2N.pdf<br> 3.5SGTMC7K2F40C2N.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                           |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                              |
| Stock Condition     | 10 pcs stock                                                                                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

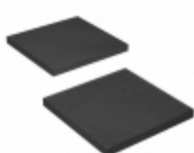
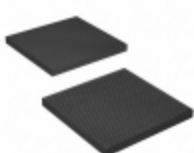
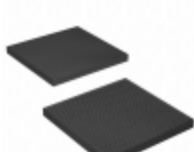
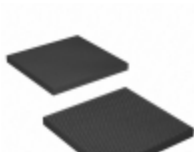
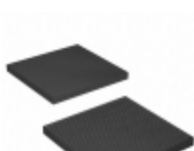
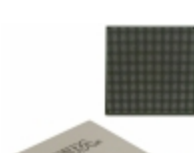
Specifications of 5SGTMC7K2F40C2N

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGTMC7K2F40C2N                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 600 I/O 1517FBGA                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 10 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.5SGTMC7K2F40C2N.pdf<br> 2.5SGTMC7K2F40C2N.pdf<br> 3.5SGTMC7K2F40C2N.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 59938816                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | Stratix® V GT                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 622000                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF LABS/CLBS              | 234750                                                                                                                                                                                                                                                                                                                              |
| 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                 | 5SGTMC7                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                                 |                                                       |                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>5SGTMC7K2F40C2N | 5SGTMC7K2F40C2N Distributor                           | 5SGTMC7K2F40C2N Supplier                                            |
| 5SGTMC7K2F40C2N Price                                           | 5SGTMC7K2F40C2N Pictures                              | 5SGTMC7K2F40C2N Image                                               |
| 5SGTMC7K2F40C2N PDF Datasheet                                   | 5SGTMC7K2F40C2N Download Datasheet                    | 5SGTMC7K2F40C2N Datasheet                                           |
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Related Products

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|  <div><b>5SGTMC7K3F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 10 pcs<br/><b>RFQ</b></div> |  <div><b>5SGTMC7K3F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 10 pcs<br/><b>RFQ</b></div> |
|  <div><b>5SGTMC5K2F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 13 pcs<br/><b>RFQ</b></div> |  <div><b>5SGTMC7K3F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 9 pcs<br/><b>RFQ</b></div>  |
|  <div><b>5SGTMC5K3F40C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 11 pcs<br/><b>RFQ</b></div> |  <div><b>5SGTMC5K3F40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 13 pcs<br/><b>RFQ</b></div> |
|  <div><b>5SGTMC7K3F40C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 9 pcs<br/><b>RFQ</b></div>  |  <div><b>5SGXEA3H1F35C2L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 20 pcs<br/><b>RFQ</b></div> |
|  <div><b>5SGXEA3H1F35C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 432 I/O 1152FBGA<br/>In stock: 19 pcs<br/><b>RFQ</b></div> |  <div><b>5SGTMC5K3F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 11 pcs<br/><b>RFQ</b></div> |
|  <div><b>5SGTMC5K3F40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 14 pcs<br/><b>RFQ</b></div> |  <div><b>5SGTMC7K2F40C1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 600 I/O 1517FBGA<br/>In stock: 9 pcs<br/><b>RFQ</b></div>  |