



Altera (Intel® Programmable

Solutions Group)

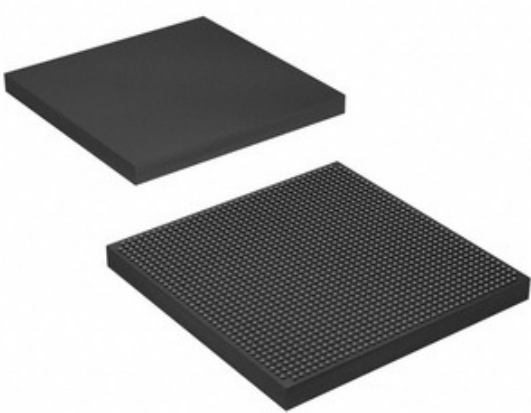


Image may be representation. See specifications for product details.

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:                     | 5SGXMA7K2F40C3N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer/Brand:              | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description              | IC FPGA 696 I/O 1517FBGA <div> 1.5SGXMA7K2F40C3N.pdf</div> <div> 2.5SGXMA7K2F40C3N.pdf</div> <div> 3.5SGXMA7K2F40C3N.pdf</div> <div> 4.5SGXMA7K2F40C3N.pdf</div> <div> 5.5SGXMA7K2F40C3N.pdf</div> |
| Datasheets:                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status                      |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stock Condition                  | 14 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ship From                        | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way                     | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <div>REQUEST FOR QUOTATION</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

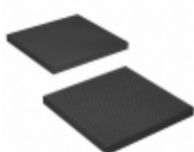
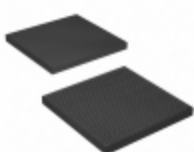
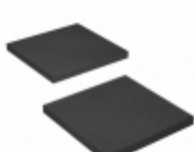
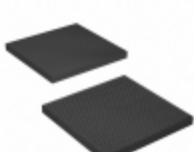
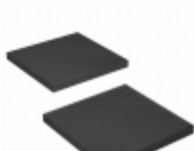
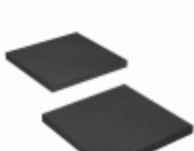
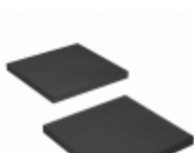
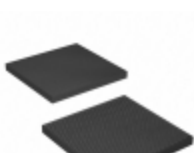
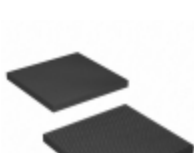
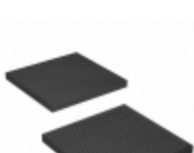
Specifications of 5SGXMA7K2F40C3N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMA7K2F40C3N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 14 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.5SGXMA7K2F40C3N.pdf</div> <div> 2.5SGXMA7K2F40C3N.pdf</div> <div> 3.5SGXMA7K2F40C3N.pdf</div> <div> 4.5SGXMA7K2F40C3N.pdf</div> <div> 5.5SGXMA7K2F40C3N.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            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 622000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 234720                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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                 | 5SGXMA7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGXMA7K2F40C3N | 5SGXMA7K2F40C3N Distributor                           | 5SGXMA7K2F40C3N Supplier                                         |
| 5SGXMA7K2F40C3N Price                                        | 5SGXMA7K2F40C3N Pictures                              | 5SGXMA7K2F40C3N Image                                            |
| 5SGXMA7K2F40C3N PDF Datasheet                                | 5SGXMA7K2F40C3N Download Datasheet                    | 5SGXMA7K2F40C3N Datasheet                                        |
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Related Products

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| <div></div> <div>5SGXMA7K2F40C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 9 pcs</div> <div>RFQ</div>   | <div></div> <div>5SGXMA7K2F40C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div>   |
| <div></div> <div>5SGXMA7K2F40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA7K2F40I3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>   |
| <div></div> <div>5SGXMA7K2F40I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA7K2F40C1</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div>    |
| <div></div> <div>5SGXMA7K2F40C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 9 pcs</div> <div>RFQ</div>    | <div></div> <div>5SGXMA7K2F40C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXMA7K2F40I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGXMA7K2F40I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXMA7K2F40I2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 8 pcs</div> <div>RFQ</div>    | <div></div> <div>5SGXMA7K2F40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>  |