



Altera (Intel® Programmable

Solutions Group)

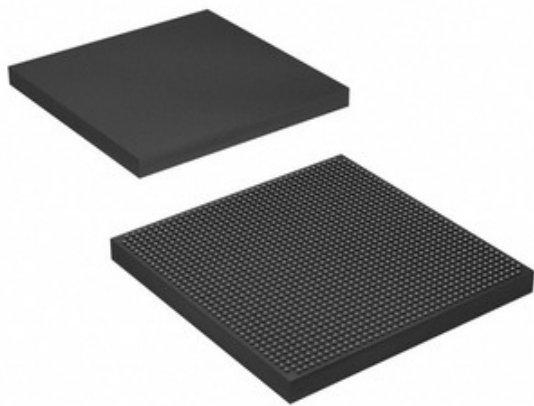


Image may be representation. See specifications for product details.

5SGSMD6K2F40I3N

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD6K2F40I3N                                                                                                                                                                                                      |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                         |
| Product description | IC FPGA 696 I/O 1517FBGA <div><div>PDF</div>1.5SGSMD6K2F40I3N.pdf</div> <div><div>PDF</div>2.5SGSMD6K2F40I3N.pdf</div> <div><div>PDF</div>3.5SGSMD6K2F40I3N.pdf</div> <div><div>PDF</div>4.5SGSMD6K2F40I3N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                      |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                    |
| Stock Condition     | 11 pcs stock                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

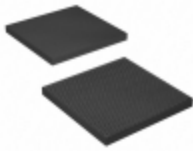
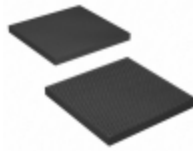
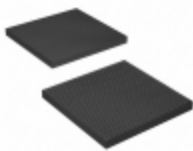
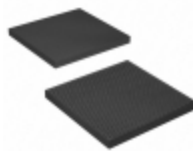
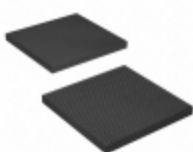
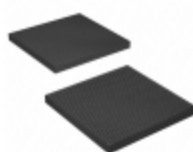
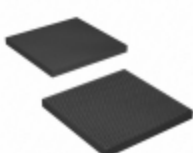
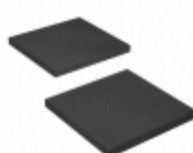
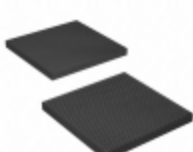
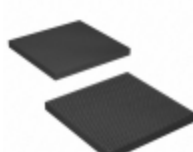
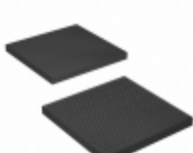
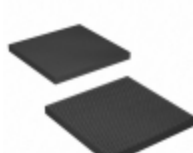
Specifications of 5SGSMD6K2F40I3N

|                                  |                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD6K2F40I3N                                                                                                                                                                             |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 11 pcs                                                                                                                                                                                      |
| DATA SHEET                       | <div><div>PDF</div>1.5SGSMD6K2F40I3N.pdf</div> <div><div>PDF</div>2.5SGSMD6K2F40I3N.pdf</div> <div><div>PDF</div>3.5SGSMD6K2F40I3N.pdf</div> <div><div>PDF</div>4.5SGSMD6K2F40I3N.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                             |
| TOTAL RAM BITS                   | 54553600                                                                                                                                                                                    |
| 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   | 583000                                                                                                                                                                                      |
| NUMBER OF LABS/CLBS              | 220000                                                                                                                                                                                      |
| 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                 | 5SGSMD6                                                                                                                                                                                     |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSMD6K2F40I3N | 5SGSMD6K2F40I3N Distributor                           | 5SGSMD6K2F40I3N Supplier                                         |
| 5SGSMD6K2F40I3N Price                                        | 5SGSMD6K2F40I3N Pictures                              | 5SGSMD6K2F40I3N Image                                            |
| 5SGSMD6K2F40I3N PDF Datasheet                                | 5SGSMD6K2F40I3N Download Datasheet                    | 5SGSMD6K2F40I3N Datasheet                                        |
| 5SGSMD6K2F40I3N Stock                                        | Buy 5SGSMD6K2F40I3N                                   | Buy Altera (Intel® Programmable Solutions Group) 5SGSMD6K2F40I3N |
| Altera (Intel® Programmable Solutions Group) 5SGSMD6K2F40I3N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) 5SGSMD6K2F40I3N | Altera 5SGSMD6K2F40I3N                                | Altera (Intel® Programmable Solutions Group) 5SGSMD6K2F40I3N     |

Related Products

|                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGSMD6K2F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSMD6K2F40I2N</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>5SGSMD6K3F40C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 696 I/O 1517FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSMD6K3F40I3LN</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>5SGSMD6K2F40C2N</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>5SGSMD6K3F40C2N</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>5SGSMD6K3F40C3N</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>5SGSMD6K2F40I2LN</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>5SGSMD6K3F40I3N</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>5SGSMD6K2F40I3LN</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>5SGSMD6K2F40C2LN</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>5SGSMD6K3F40C2LN</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> |