



Altera (Intel® Programmable Solutions Group)

Solutions Group)



Image may be representation. See specifications for product details.

5SGSED8K2F40I2N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSED8K2F40I2N                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 696 I/O 1517FBGA                                                                                     |
|                     |  1.5SGSED8K2F40I2N.pdf      |
|                     |  2.5SGSED8K2F40I2N.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

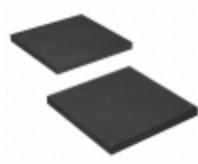
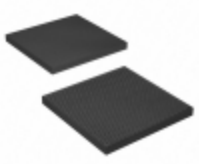
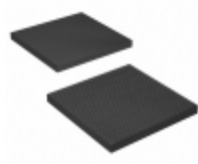
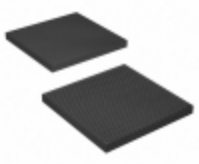
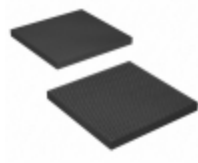
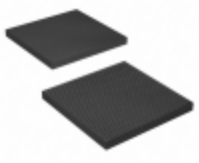
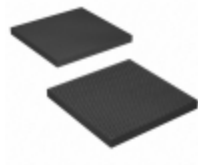
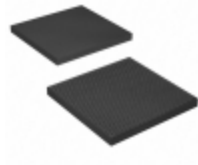
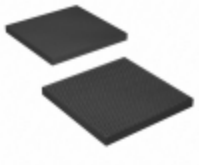
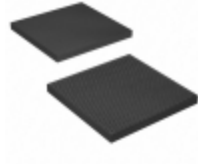
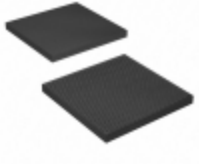
Specifications of 5SGSED8K2F40I2N

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSED8K2F40I2N                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 6 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.5SGSED8K2F40I2N.pdf<br> 2.5SGSED8K2F40I2N.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 60968960                                                                                                                                                                                                               |
| 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   | 695000                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 262400                                                                                                                                                                                                                 |
| 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                 | 5SGSED8                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSED8K2F40I2N | 5SGSED8K2F40I2N Distributor                           | 5SGSED8K2F40I2N Supplier                                         |
| 5SGSED8K2F40I2N Price                                        | 5SGSED8K2F40I2N Pictures                              | 5SGSED8K2F40I2N Image                                            |
| 5SGSED8K2F40I2N PDF Datasheet                                | 5SGSED8K2F40I2N Download Datasheet                    | 5SGSED8K2F40I2N Datasheet                                        |
| 5SGSED8K2F40I2N Stock                                        | Buy 5SGSED8K2F40I2N                                   | Buy Altera (Intel® Programmable Solutions Group) 5SGSED8K2F40I2N |
| Altera (Intel® Programmable Solutions Group) 5SGSED8K2F40I2N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) 5SGSED8K2F40I2N | Altera 5SGSED8K2F40I2N                                | Altera (Intel® Programmable Solutions Group) 5SGSED8K2F40I2N     |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5SGSED8K2F40I2LN<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 8 pcs<br/>RFQ</div>  |  <div>5SGSED8K2F40C2LN<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 8 pcs<br/>RFQ</div>  |
|  <div>5SGSED8K2F40I3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 8 pcs<br/>RFQ</div>   |  <div>5SGSED8K2F40C2L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 8 pcs<br/>RFQ</div>   |
|  <div>5SGSED8K2F40I3LN<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs<br/>RFQ</div> |  <div>5SGSED8K3F40C2L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 8 pcs<br/>RFQ</div>   |
|  <div>5SGSED8K2F40I3L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 8 pcs<br/>RFQ</div>   |  <div>5SGSED8K2F40I3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 9 pcs<br/>RFQ</div>    |
|  <div>5SGSED8K2F40C2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs<br/>RFQ</div>  |  <div>5SGSED8K2F40I2L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 6 pcs<br/>RFQ</div>   |
|  <div>5SGSED8K2F40C3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs<br/>RFQ</div>  |  <div>5SGSED8K3F40C2LN<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 696 I/O 1517FBGA<br/>In stock: 10 pcs<br/>RFQ</div> |