



Altera (Intel® Programmable

Solutions Group)



5SGSED6K2F40I3LN

Part Number: 5SGSED6K2F40I3LN

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 696 I/O 1517FBGA  
[PDF](#) 1.5SGSED6K2F40I3LN.pdf  
[PDF](#) 2.5SGSED6K2F40I3LN.pdf  
[PDF](#) 3.5SGSED6K2F40I3LN.pdf  
[PDF](#) 4.5SGSED6K2F40I3LN.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

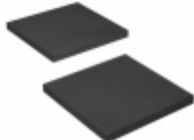
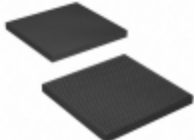
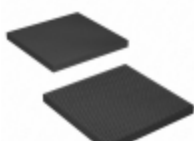
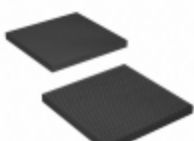
Specifications of 5SGSED6K2F40I3LN

|                                  |                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSED6K2F40I3LN                                                                                                                                                                     |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 696 I/O 1517FBGA                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGSED6K2F40I3LN.pdf<br><a href="#">PDF</a> 2.5SGSED6K2F40I3LN.pdf<br><a href="#">PDF</a> 3.5SGSED6K2F40I3LN.pdf<br><a href="#">PDF</a> 4.5SGSED6K2F40I3LN.pdf |
| 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                 | 5SGSED6                                                                                                                                                                              |

Related Tags

|                                                               |                                                       |                                                                   |
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Related Products

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