



Altera (Intel® Programmable

### 5SGSED8K1F40I2N

Part Number:	5SGSED8K1F40I2N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC FPGA 696 I/O 1517FBGA
Datasheets:	<a href="#">1.5SGSED8K1F40I2N.pdf</a> <a href="#">2.5SGSED8K1F40I2N.pdf</a>
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](#)

**Solutions Group)**

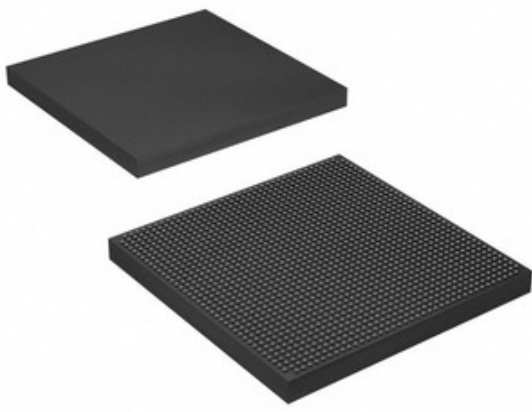


Image may be representation. See specifications for product details.

#### Specifications of 5SGSED8K1F40I2N

PART NUMBER	5SGSED8K1F40I2N
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	<a href="#">1.5SGSED8K1F40I2N.pdf</a> <a href="#">2.5SGSED8K1F40I2N.pdf</a>
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

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#### Related Products

<p><b>5SGSED8K2F40C2N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 10 pcs  <a href="#">RFQ</a></p>	<p><b>5SGSED8K2F40I2LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 8 pcs  <a href="#">RFQ</a></p>
<p><b>5SGSED6N3F45I4N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 840 I/O 1932FBGA                  In stock: 14 pcs  <a href="#">RFQ</a></p>	<p><b>5SGSED8K2F40C3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 10 pcs  <a href="#">RFQ</a></p>
<p><b>5SGSED8K1F40C2L</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 8 pcs  <a href="#">RFQ</a></p>	<p><b>5SGSED8K1F40C2LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 8 pcs  <a href="#">RFQ</a></p>
<p><b>5SGSED8K2F40C2L</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 8 pcs  <a href="#">RFQ</a></p>	<p><b>5SGSED8K1F40C2N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 7 pcs  <a href="#">RFQ</a></p>
<p><b>5SGSED8K2F40I2L</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 6 pcs  <a href="#">RFQ</a></p>	<p><b>5SGSED8K2F40C2LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 696 I/O 1517FBGA                  In stock: 8 pcs  <a href="#">RFQ</a></p>
<p><b>5SGSED6N3F45I3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 840 I/O 1932FBGA                  In stock: 9 pcs  <a href="#">RFQ</a></p>	<p><b>5SGSED6N3F45I3LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 840 I/O 1932FBGA                  In stock: 10 pcs  <a href="#">RFQ</a></p>

