



Altera (Intel® Programmable

5SGSED6K2F40I2L

Part Number: 5SGSED6K2F40I2L

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

Product description: IC FPGA 696 I/O 1517FBGA

Datasheets: [1.5SGSED6K2F40I2L.pdf](#)
[2.5SGSED6K2F40I2L.pdf](#)

RoHs Status:  Contains lead / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Solutions Group)

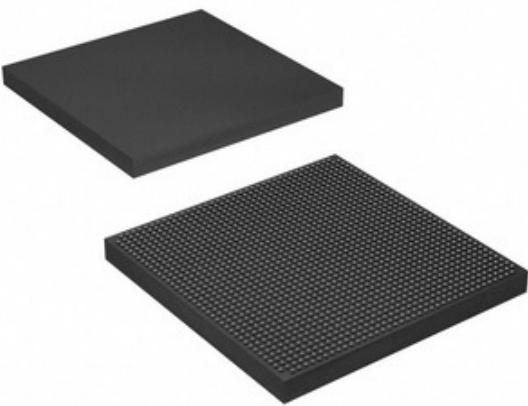


Image may be representation. See specifications for product details.

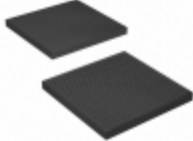
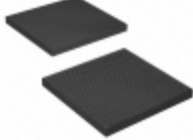
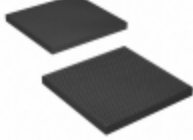
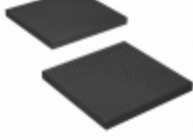
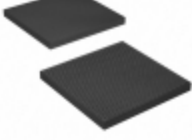
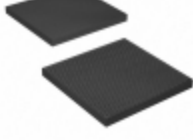
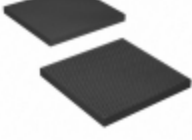
Specifications of 5SGSED6K2F40I2L

PART NUMBER	5SGSED6K2F40I2L
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS Compliant
DATA SHEET	1.5SGSED6K2F40I2L.pdf 2.5SGSED6K2F40I2L.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	Contains lead / RoHS Compliant
BASE PART NUMBER	5SGSED6

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