

5SGSED6K1F40C2L





Part Number: 5SGSED6K1F40C2L

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA 696 I/O 1517FBGA

Data sheet:  [Stratix V Device Overview](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Contains lead / RoHS Compliant

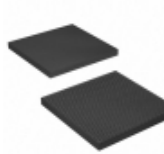
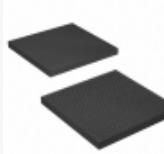
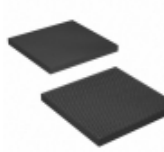
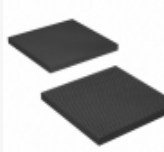
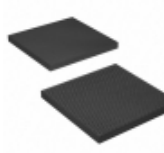
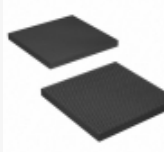
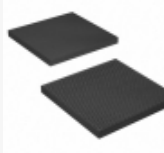
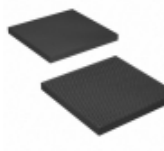
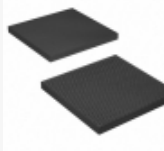
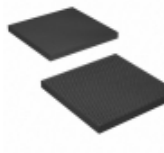
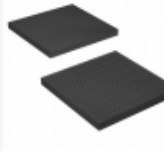
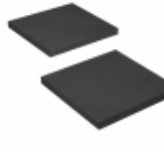
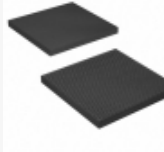
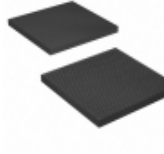
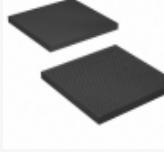
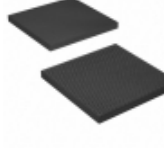
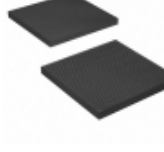
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Images are for reference only.
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PRODUCT PARAMETER			
Part Number	5SGSED6K1F40C2L	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 696 I/O 1517FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS Compliant
Quantity Available	7 pcs	Data sheet	Stratix V Device Overview Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	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	0°C ~ 85°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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	Description: IC FPGA 696 I/O 1517FBGA		
	Part#: 5SGD	Manufacturers: Bivar, Inc.	RFQ
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