

5SGTMC5K2F40C1N





Part Number: 5SGTMC5K2F40C1N

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 600 I/O 1517FBGA

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

RoHs Status: Lead free / RoHS Compliant

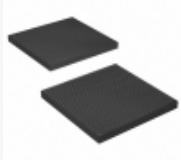
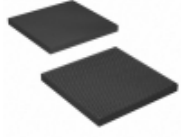
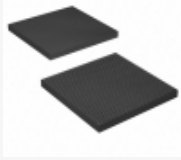
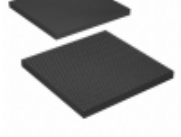
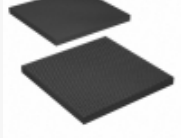
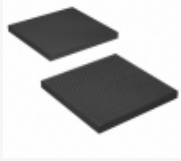
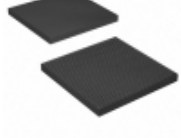
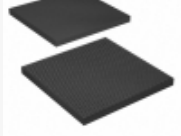
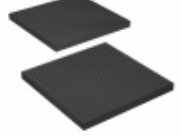
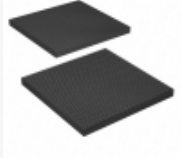
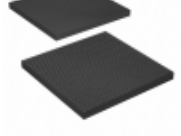
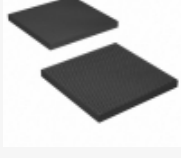
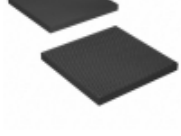
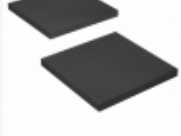
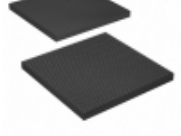
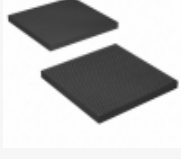
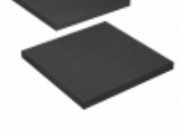
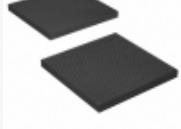
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PRODUCT PARAMETER			
Part Number	5SGTMC5K2F40C1N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 600 I/O 1517FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10 pcs	Data sheet	Stratix V Device Datasheet Stratix V Device Overview Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	0.87 V ~ 0.93 V
Total RAM Bits	52318208	Supplier Device Package	1517-FBGA (40x40)
Series	Stratix® V GT	Package / Case	1517-BBGA, FCBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	425000
Number of LABs/CLBs	160500	Number of I/O	600
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	5SGTMC5
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	Part#: 5SGSMD8N3F45I3L Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGTMC7K2F40C2N Description: IC FPGA 600 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 5SGTMC7K3F40C2N Description: IC FPGA 600 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 5SGT Description: LED GREEN CLEAR T-1 3/4 T/H	Manufacturers: Bivar, Inc.	RFQ
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