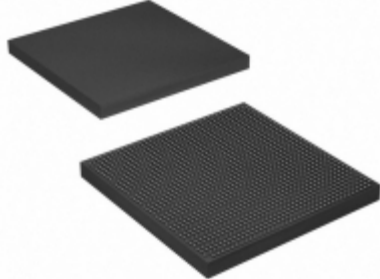


5SGSMD8K1F40I2N





Part Number: 5SGSMD8K1F40I2N

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 696 I/O 1517FBGA

Data sheet:

PDF

Stratix V Device Datasheet

PDF

Stratix V Device Overview

PDF

Virtual JTAG Megafuntion User Guide

RoHs Status: Lead free / RoHS Compliant

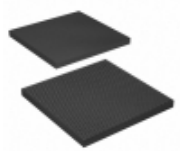
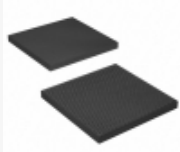
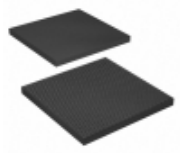
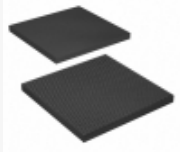
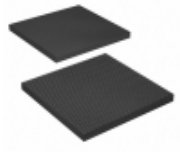
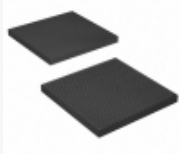
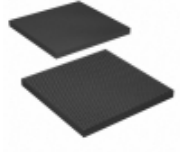
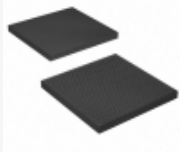
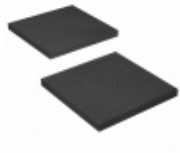
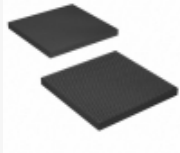
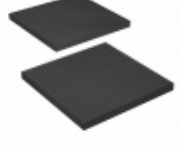
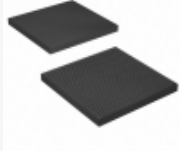
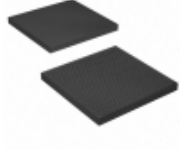
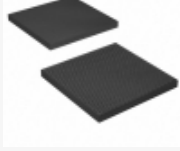
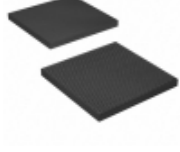
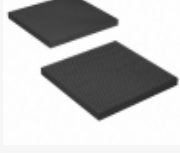
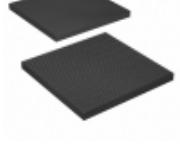
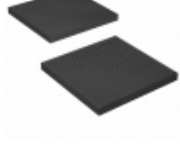
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PRODUCT PARAMETER			
Part Number	5SGSMD8K1F40I2N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 696 I/O 1517FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6 pcs	Data sheet	Stratix V 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	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	5SGSMD8
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RELATED PRODUCTS			
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	Part#: 5SGSMD6N3F45I3LN Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGSMD6N3F45I3N Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGSMD6N3F45C3N Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGSMD8K2F40I3N Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGSMD6N3F45C2N Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGSMD8K1F40C2N Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 5SGSMD8K2F40I2LN Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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