

5SGSMD8N1F45I2N



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See Product Specifications for product details.
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Part Number: 5SGSMD8N1F45I2N

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

Description: IC FPGA 840 I/O 1932FBGA

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

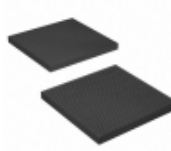
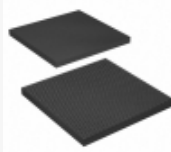
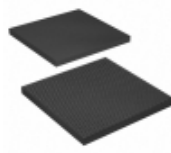
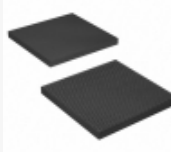
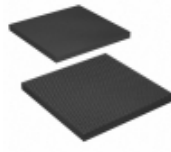
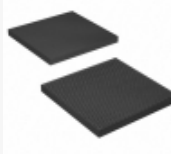
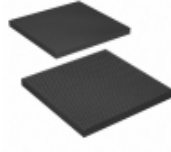
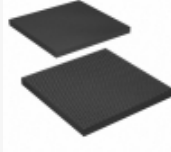
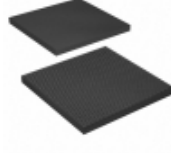
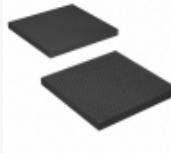
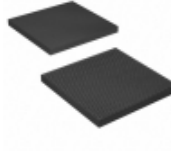
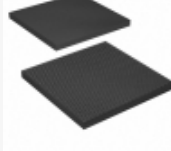
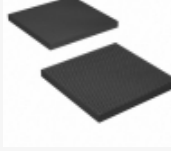
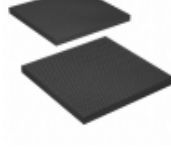
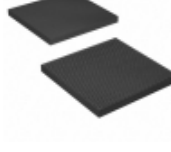
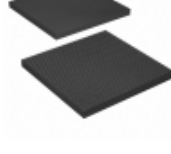
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	5SGSMD8N1F45I2N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 840 I/O 1932FBGA	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	1932-FBGA, FC (45x45)
Series	Stratix® V GS	Package / Case	1932-BBGA, FCBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	695000
Number of LABs/CLBs	262400	Number of I/O	840
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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