

5SGXEA5N3F45I3N





Part Number: 5SGXEA5N3F45I3N

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

Description: IC FPGA 840 I/O 1932FBGA

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

RoHs Status: Lead free / RoHS Compliant

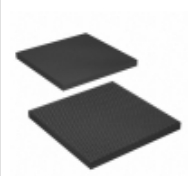
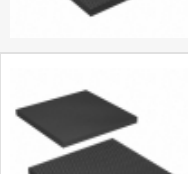
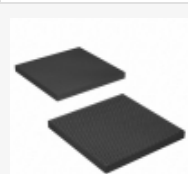
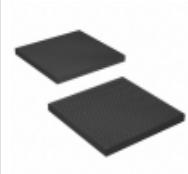
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PRODUCT PARAMETER			
Part Number	5SGXEA5N3F45I3N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 840 I/O 1932FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12 pcs	Data sheet	Stratix V Device Handbook Stratix V Device Datasheet Stratix V Devices Errata Stratix V Device Overview Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	0.82 V ~ 0.88 V
Total RAM Bits	53105664	Supplier Device Package	1932-FBGA, FC (45x45)
Series	Stratix® V GX	Package / Case	1932-BBGA, FCBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	490000
Number of LABs/CLBs	185000	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	5SGXEA5
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	Part#: 5SGXEA5N3F45I4N Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5SGXEA7H1F35C1 Description: IC FPGA 552 I/O 1152FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 5SGXEA5N3F40I3LN Description: IC FPGA 600 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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