

EP1SGX40DF1020C5N



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Part Number: [EP1SGX40DF1020C5N](#)

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

Description: IC FPGA 624 I/O 1020FBGA

Data sheet:  [Stratix GX Family Datasheet](#)
 [Stratix GX Device Handbook, Volume 1](#)
 [896-FBGA Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)

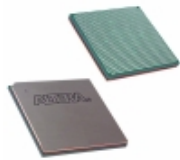
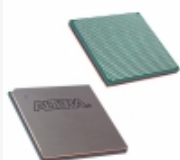
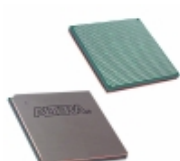
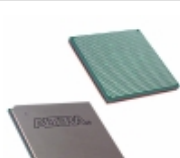
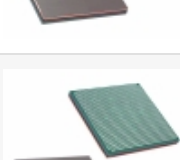
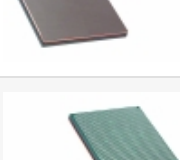
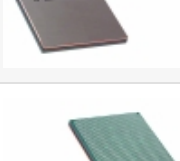
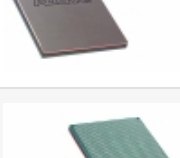
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP1SGX40DF1020C5N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 624 I/O 1020FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30 pcs	Data sheet	Stratix GX Family Datasheet Stratix GX Device Handbook, Volume 1 896-FBGA Pkg Info Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	3423744	Supplier Device Package	1020-FBGA (33x33)
Series	Stratix® GX	Package / Case	1020-BBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	41250
Number of LABs/CLBs	4125	Number of I/O	624
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP1SGX40
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