

EP1SGX40GF1020C7N



Part Number: [EP1SGX40GF1020C7N](#)

Manufacturer: [Intel® FPGAs](#)

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	EP1SGX40GF1020C7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 624 I/O 1020FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45 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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	Part#: EP1SGX40GF1020C6BN Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1SGX40DF1020I6N Description: IC FPGA 624 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1W22RJ Description: RES 22 OHM 1W 5% AXIAL	Manufacturers: AMP Connectors / TE Connectivity	RFQ
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	Part#: EP1W15RJ Description: RES 15 OHM 1W 5% AXIAL	Manufacturers: AMP Connectors / TE Connectivity	RFQ
	Part#: EP1SGX40GF1020C6N Description: IC FPGA 624 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1W150RJ Description: RES 150 OHM 1W 5% AXIAL	Manufacturers: AMP Connectors / TE Connectivity	RFQ
	Part#: EP1SGX40GF1020I6N Description: IC FPGA 624 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1SGX40GF1020C6B Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1SGX40GF1020C6 Description: IC FPGA 624 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1W220RJ Description: RES 220 OHM 1W 5% AXIAL	Manufacturers: AMP Connectors / TE Connectivity	RFQ
	Part#: EP1SGX40GF1020C5 Description: IC FPGA 624 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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