

EP4CGX110DF31I7N



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Part Number: [EP4CGX110DF31I7N](#)

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

Description: IC FPGA 475 I/O 896FBGA

Data sheet:  [Cyclone IV FPGA Overview](#)
 [Cyclone IV Device Datasheet](#)
 [Virtual JTAG Megafuntion User Guide](#)
 [Cyclone IV Device Family Errata](#)
 [Cyclone IV Device Handbook](#)

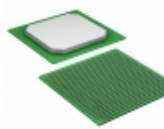
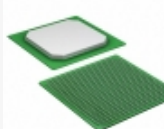
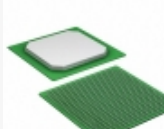
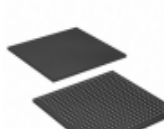
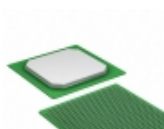
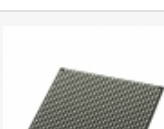
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP4CGX110DF31I7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 475 I/O 896FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	244 pcs	Data sheet	Cyclone IV FPGA Overview Cyclone IV Device Datasheet Virtual JTAG Megafuntion User Guide Cyclone IV Device Family Errata Cyclone IV Device Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	1.16 V ~ 1.24 V
Total RAM Bits	5621760	Supplier Device Package	896-FBGA (31x31)
Series	Cyclone® IV GX	Package / Case	896-BGA
Other Names	544-2983 EP4CGX110DF31I7N-ND	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	109424	Number of LABs/CLBs	6839
Number of I/O	475	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP4CGX110
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	Part#: EP4CGX110DF31C8N Description: IC FPGA 475 I/O 896FBGA	Manufacturers: Intel® FPGAs	RFQ
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