

EP4CGX150DF31C7N



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See Product Specifications for product details.
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Part Number: [EP4CGX150DF31C7N](#)

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](#)

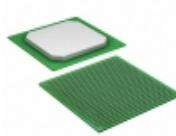
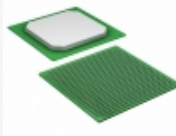
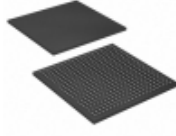
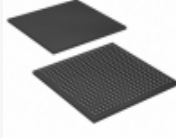
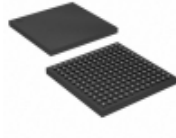
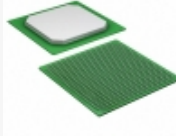
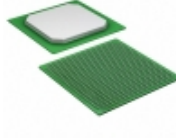
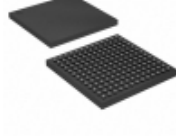
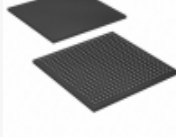
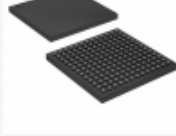
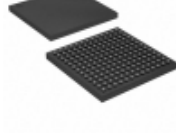
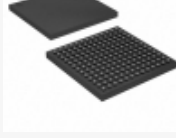
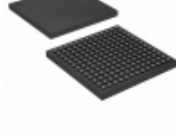
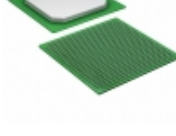
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP4CGX150DF31C7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 475 I/O 896FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	218 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	6635520	Supplier Device Package	896-FBGA (31x31)
Series	Cyclone® IV GX	Package / Case	896-BGA
Other Names	544-2670	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	149760	Number of LABs/CLBs	9360
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	EP4CGX150
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	Part#: EP4CGX150DF27C7N Description: IC FPGA 393 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX150CF23I7N Description: IC FPGA 270 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX150CF23C8N Description: IC FPGA 270 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX15BF14C8 Description: IC FPGA 72 I/O 169FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX150DF27C8 Description: IC FPGA 393 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX150DF27C7 Description: IC FPGA 393 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4CGX150CF23I7 Description: IC FPGA 270 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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