

EP4CGX150DF31C8



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See Product Specifications for product details.
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Part Number: [EP4CGX150DF31C8](#)

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](#)

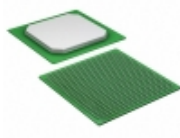
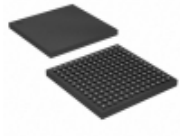
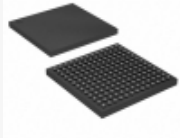
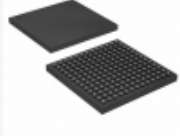
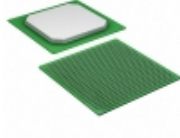
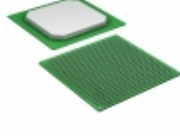
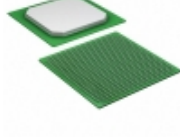
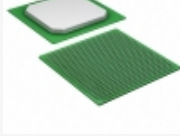
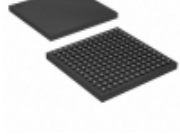
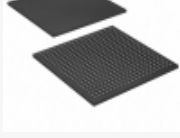
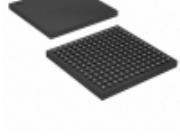
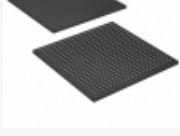
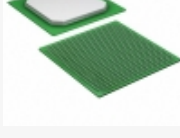
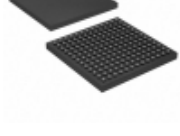
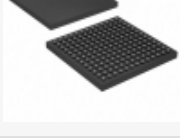
RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP4CGX150DF31C8	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 475 I/O 896FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	259 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
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	Contains lead / RoHS non-compliant
Base Part Number	EP4CGX150		
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	Part#: EP4CGX15BF14C6N Description: IC FPGA 72 I/O 169FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX15BF14C7N Description: IC FPGA 72 I/O 169FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX150DF31C7 Description: IC FPGA 475 I/O 896FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX15BF14C6 Description: IC FPGA 72 I/O 169FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX150DF27C8N Description: IC FPGA 393 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4CGX150DF27I7 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
	Part#: EP4CGX15BF14C8N Description: IC FPGA 72 I/O 169FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX150CF23I7N Description: IC FPGA 270 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP4CGX15BF14C7 Description: IC FPGA 72 I/O 169FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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