

EP4CGX50DF27I7N



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Part Number: [EP4CGX50DF27I7N](#)

Manufacturer [Intel® FPGAs](#)

Description IC FPGA 310 I/O 672FBGA

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

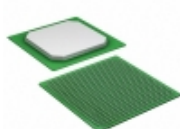
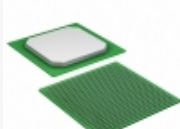
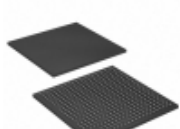
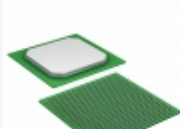
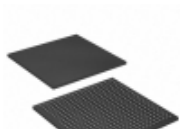
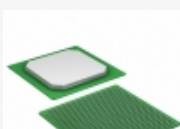
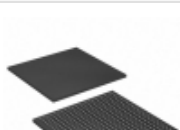
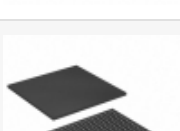
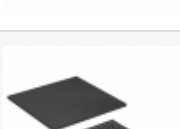
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	EP4CGX50DF27I7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 310 I/O 672FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	389 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	2562048	Supplier Device Package	672-FBGA (27x27)
Series	Cyclone® IV GX	Package / Case	672-BGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	49888
Number of LABs/CLBs	3118	Number of I/O	310
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	EP4CGX50		
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	Part#: EP4CGX50DF27C6N Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23C6N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75DF27C6 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23I7N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50DF27C7 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50CF23I7N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX75CF23C8N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50DF27C8N Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP4CGX75CF23C7 Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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