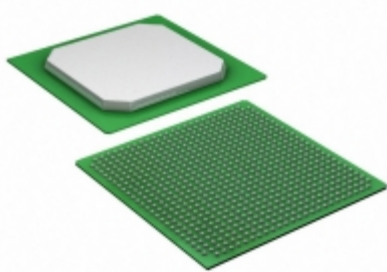


EP4CGX50DF27C8N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP4CGX50DF27C8N](#)

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](#)

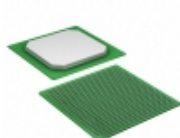
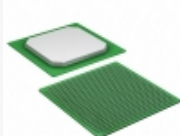
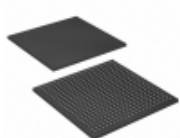
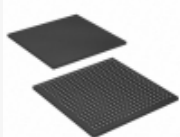
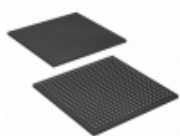
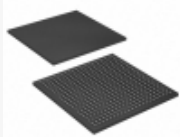
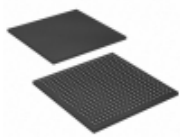
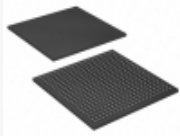
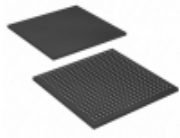
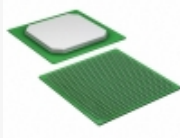
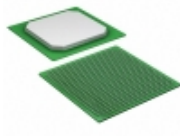
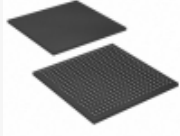
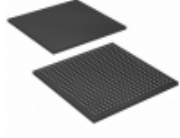
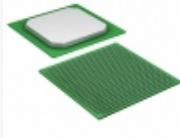
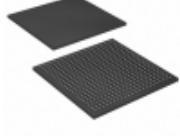
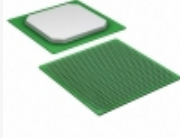
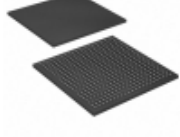
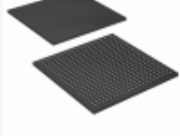
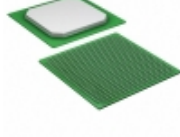
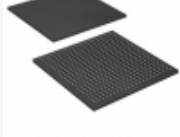
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP4CGX50DF27C8N	Manufacturer	Intel® FPGAs
Description	IC FPGA 310 I/O 672FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	662 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
Other Names	544-3537 EP4CGX50DF27C8N-ND	Operating Temperature	0°C ~ 85°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#: EP4CGX50CF23C8N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50CF23C7N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23C7 Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50CF2317 Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP4CGX75CF2317N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23C6N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50DF27C8 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50DF2717 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23C6 Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23C8N 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#: EP4CGX75CF2317 Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50DF27C6N Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75CF23C8 Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX50CF2317N Description: IC FPGA 290 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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