

5CEFA7F31I7N





Part Number: 5CEFA7F31I7N

Manufacturer: Intel® FPGAs

Description: IC FPGA 480 I/O 896FBGA

Data sheet:  [Cyclone V Device Overview](#)
 [Cyclone V GX,GT,E Errata](#)
 [Cyclone V Device Datasheet](#)
 [Cyclone V Device Handbook](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Lead free / RoHS Compliant

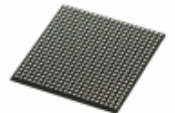
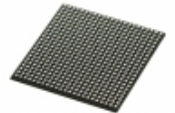
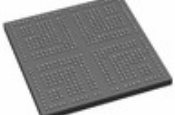
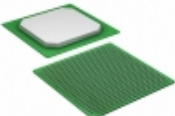
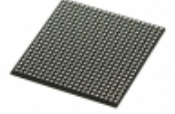
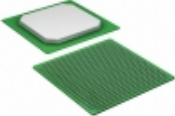
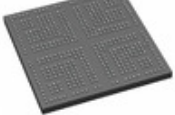
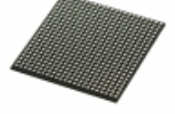
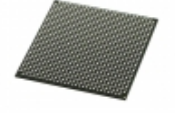
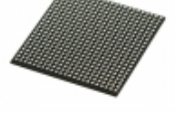
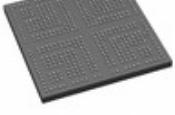
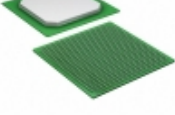
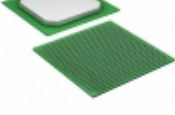
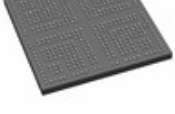
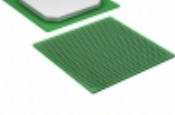
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	5CEFA7F31I7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 480 I/O 896FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	324 pcs	Data sheet	Cyclone V Device Overview Cyclone V GX,GT,E Errata Cyclone V Device Datasheet Cyclone V Device Handbook Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.07 V ~ 1.13 V
Total RAM Bits	7880704	Supplier Device Package	896-FBGA (31x31)
Series	Cyclone® V E	Package / Case	896-BGA
Other Names	544-3003 5CEFA7F31I7N-ND	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	149500	Number of LABs/CLBs	56480
Number of I/O	480	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	5CEFA7
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	Part#: 5CEFA7U19C6N Description: IC FPGA 240 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CEFA7M15I7N Description: IC FPGA 240 I/O 484MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CEFA7F27C8N Description: IC FPGA 336 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CEFA7U19I7 Description: IC FPGA 240 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 5CEFA7F27C7N Description: IC FPGA 336 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CEFA7M15C8N Description: IC FPGA 240 I/O 484MBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: 5CEFA7U19C8N Description: IC FPGA 240 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5CEFA7F27I7 Description: IC FPGA 336 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 5CEFA7F27C6N Description: IC FPGA 336 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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