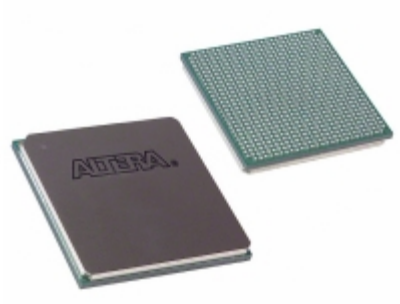


EP3CLS100F780C8



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3CLS100F780C8](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA 413 I/O 780FBGA

Data sheet:  [Cyclone III FPGA Family Errata](#)
 [Cyclone III Family Overview](#)
 [Cyclone III Device Handbook Vol2](#)
 [Cyclone III Device Handbook Vol1](#)
 [Cyclone III Brochure](#)
 [Cyclone III_Design Guidelines](#)
 [Virtual JTAG Megafuntion User Guide](#)
 [Cyclone III Datasheet](#)

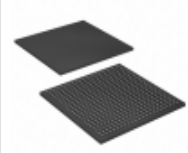
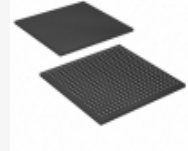
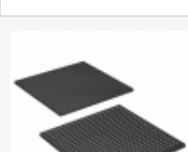
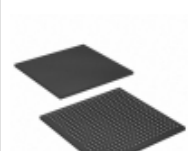
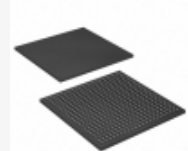
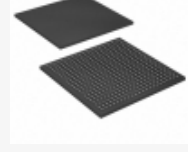
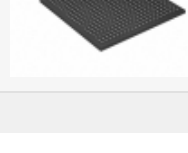
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	EP3CLS100F780C8	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 413 I/O 780FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	161 pcs	Data sheet	Cyclone III FPGA Family Errata Cyclone III Family Overview Cyclone III Device Handbook Vol2 Cyclone III Device Handbook Vol1 Cyclone III Brochure Cyclone III_Design Guidelines Virtual JTAG Megafuntion User Guide Cyclone III Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	4451328	Supplier Device Package	780-FBGA (29x29)
Series	Cyclone® III	Package / Case	780-BGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	100448
Number of LABs/CLBs	6278	Number of I/O	413
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	EP3CLS100		
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	Part#: EP3CLS100U484I7 Description: IC FPGA 278 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3CLS100F780C7 Description: IC FPGA 413 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3CLS150F484C7 Description: IC FPGA 210 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ

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