

EP3C120F780C8



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Part Number: [EP3C120F780C8](#)

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

Description IC FPGA 531 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](#)

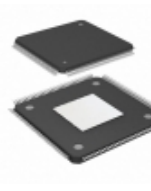
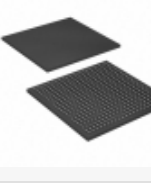
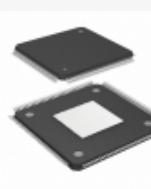
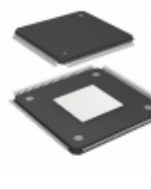
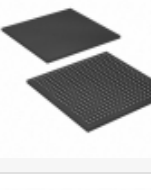
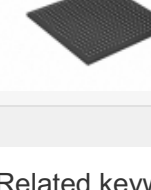
RoHs Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	EP3C120F780C8	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 531 I/O 780FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	183 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	3981312	Supplier Device Package	780-FBGA (29x29)
Series	Cyclone® III	Package / Case	780-BGA
Other Names	544-2391 544-2531 544-2531-ND EP3C120F780C8ES	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	119088	Number of LABs/CLBs	7443
Number of I/O	531	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	EP3C120
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	Part#: EP3C120F484C8 Description: IC FPGA 283 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C120F780I7 Description: IC FPGA 531 I/O 780FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10U256I7N Description: IC FPGA 182 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C120F484I7 Description: IC FPGA 283 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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