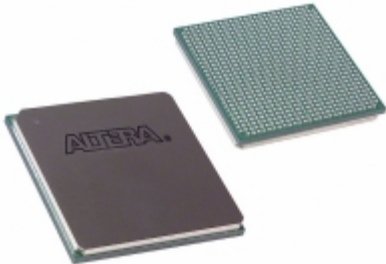


EP3C80F780C8



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C80F780C8](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 429 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](#)

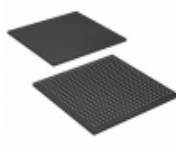
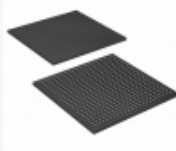
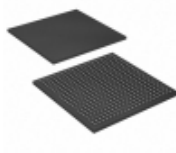
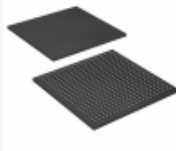
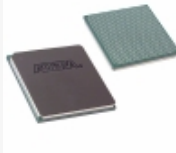
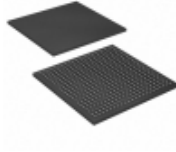
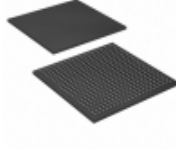
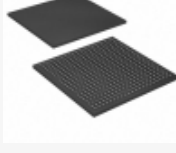
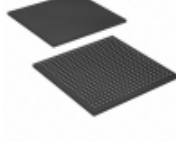
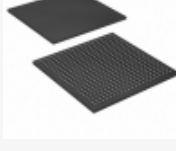
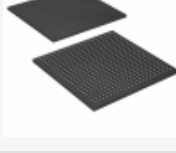
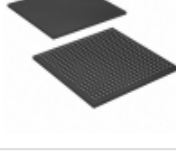
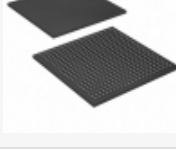
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	EP3C80F780C8	Manufacturer	Intel® FPGAs
Description	IC FPGA 429 I/O 780FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	337 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	2810880	Supplier Device Package	780-FBGA (29x29)
Series	Cyclone® III	Package / Case	780-BGA
Other Names	544-2522	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	81264	Number of LABs/CLBs	5079
Number of I/O	429	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	EP3C80
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	Part#: EP3C80U484C8N Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C80F484I7N Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C80F780C8N Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F780I7N Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F484C7N Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F780I7 Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80U484C6 Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F780C7 Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F780C6N Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80U484I7 Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F484I7 Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F484C8 Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C80F780C6 Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80U484C6N Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80U484C7N Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F484C7 Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80U484C7 Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F780C7N Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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