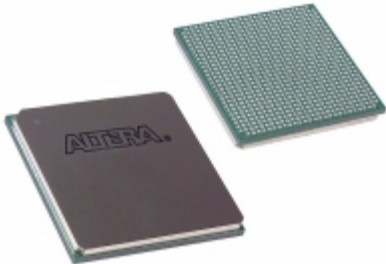


EP3C80F780C8N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C80F780C8N](#)

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

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](#)
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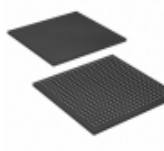
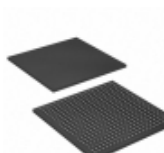
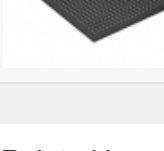
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C80F780C8N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 429 I/O 780FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	336 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	544-2525	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	Lead free / RoHS Compliant	Base Part Number	EP3C80
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	Part#: EP3C80U484I7N Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C80U484C8 Description: IC FPGA 295 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C80F484C8N Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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