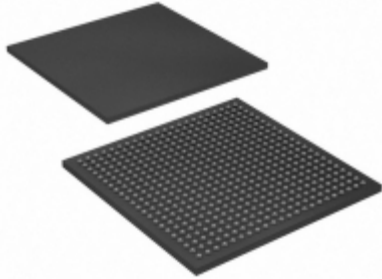


EP3C80F48417N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C80F48417N](#)

Manufacturer [Intel® FPGAs](#)

Description IC FPGA 295 I/O 484FBGA

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](#)

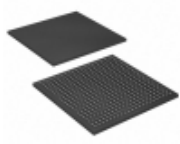
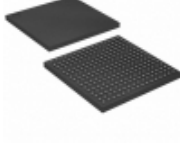
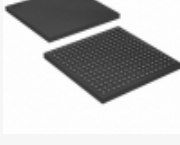
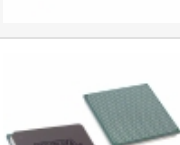
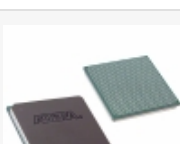
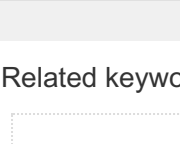
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	EP3C80F48417N	Manufacturer	Intel® FPGAs
Description	IC FPGA 295 I/O 484FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	257 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	484-FBGA (23x23)
Series	Cyclone® III	Package / Case	484-BGA
Other Names	544-3448 EP3C80F48417N-ND	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	81264	Number of LABs/CLBs	5079
Number of I/O	295	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#: EP3C5U256C8N Description: IC FPGA 182 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C5U256I7 Description: IC FPGA 182 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F780I7 Description: IC FPGA 429 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C80F484I7 Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C80F484C7N Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C80F484C8 Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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