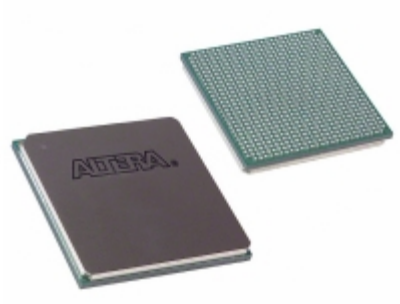


EP3C40F780C8N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C40F780C8N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 535 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](#)

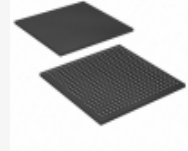
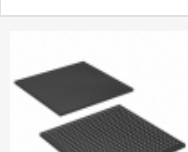
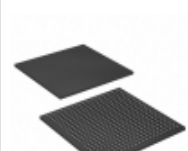
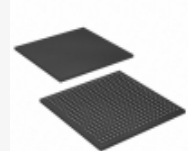
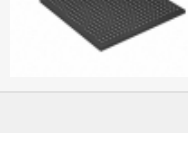
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	EP3C40F780C8N	Manufacturer	Intel® FPGAs
Description	IC FPGA 535 I/O 780FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	661 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	1161216	Supplier Device Package	780-FBGA (29x29)
Series	Cyclone® III	Package / Case	780-BGA
Other Names	544-2504	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	39600	Number of LABs/CLBs	2475
Number of I/O	535	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	EP3C40
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	Part#: EP3C40Q240C8N Description: IC FPGA 128 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F780C8 Description: IC FPGA 535 I/O 780FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40U484C8 Description: IC FPGA 331 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F780C7N Description: IC FPGA 535 I/O 780FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C40F484C8 Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40U484A7N Description: IC FPGA 331 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C40F484C8N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C40F780C6 Description: IC FPGA 535 I/O 780FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484I7N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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