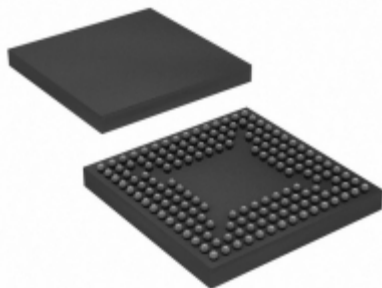


EP3C16M164C7N



Images are for reference only.
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Part Number: EP3C16M164C7N

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

Description IC FPGA 92 I/O 164MBGA

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](#)

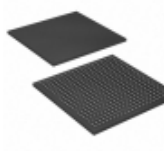
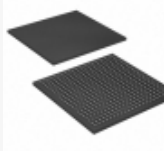
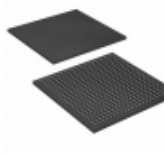
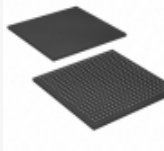
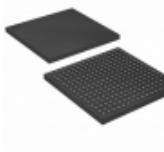
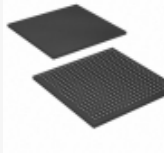
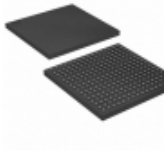
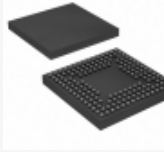
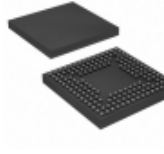
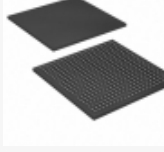
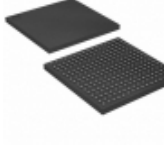
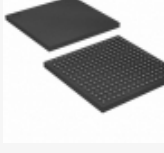
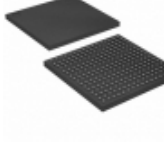
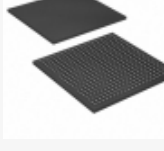
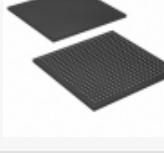
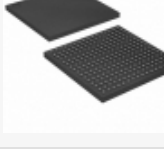
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP3C16M164C7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 92 I/O 164MBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2425 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	516096	Supplier Device Package	164-MBGA (8x8)
Series	Cyclone® III	Package / Case	164-TFBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	15408
Number of LABs/CLBs	963	Number of I/O	92
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	EP3C16		
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	Part#: EP3C16F484C6N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C16Q240C8N Description: IC FPGA 160 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16F256I7N Description: IC FPGA 168 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256C6 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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