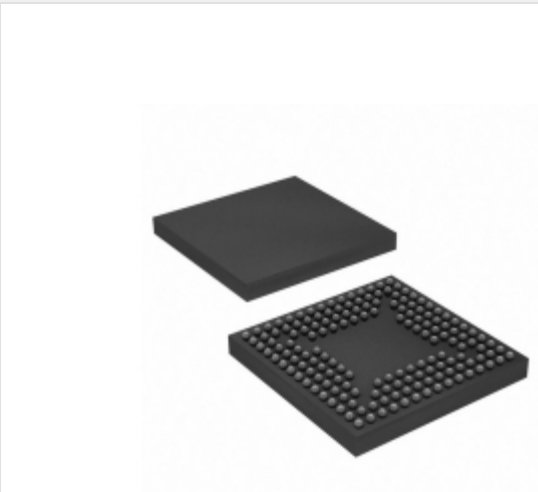


EP3C16M164C8N





Part Number: [EP3C16M164C8N](#)

Manufacturer: [Intel® FPGAs](#)

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

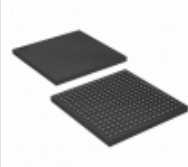
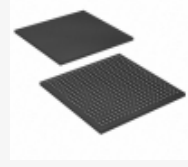
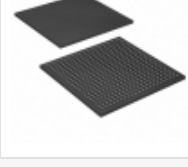
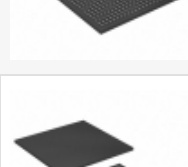
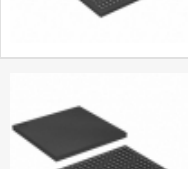
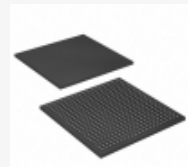
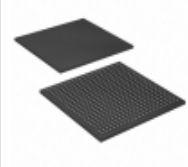
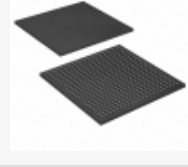
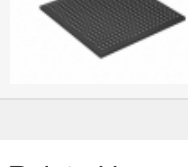
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	EP3C16M164C8N	Manufacturer	Intel® FPGAs
Description	IC FPGA 92 I/O 164MBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2361 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
Other Names	544-2541	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
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 2361 pieces of Intel® FPGAs EP3C16M164C8N in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

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	Part#: EP3C16F484C6 Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F484A7N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256C6 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16M164I7N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256C8N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16Q240C8 Description: IC FPGA 160 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16F484C8N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16F484I7 Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U256C6N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U256C7 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F484C7 Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16M164C7N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C16F484C7N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F484I7N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U256C8 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16Q240C8N Description: IC FPGA 160 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256A7N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16F484C8 Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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