

EP3C16U256C6



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See Product Specifications for product details.
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Part Number: [EP3C16U256C6](#)

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

Description IC FPGA 168 I/O 256UBGA

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](#)

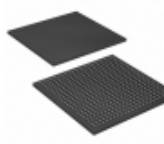
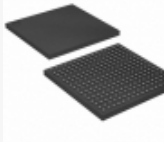
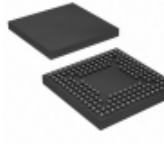
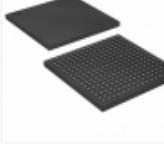
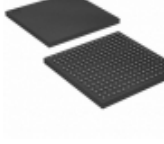
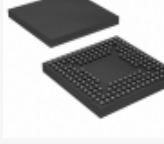
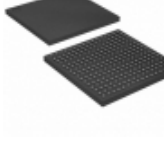
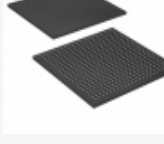
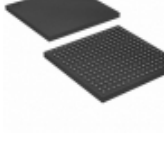
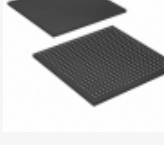
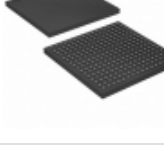
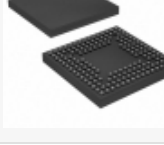
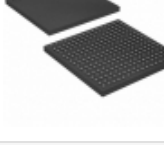
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	EP3C16U256C6	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 168 I/O 256UBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	1687 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	256-UBGA (14x14)
Series	Cyclone® III	Package / Case	256-LFBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	15408
Number of LABs/CLBs	963	Number of I/O	168
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Base Part Number	EP3C16		
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	Part#: EP3C16M164I7N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256I7 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#: EP3C16M164C8N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256A7N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U484C6N Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256I7N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U484C6 Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256C7N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16M164C7N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U256C8N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C16Q240C8 Description: IC FPGA 160 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16F484I7N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F484C8N Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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