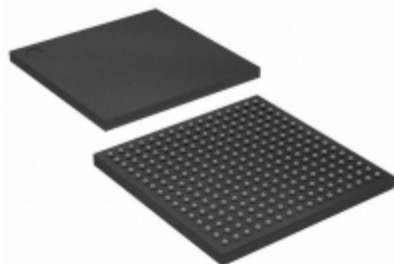


EP3C16U256C7



Images are for reference only.
See Product Specifications for product details.
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Part Number: EP3C16U256C7

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](#)

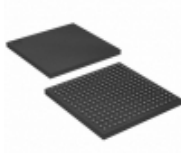
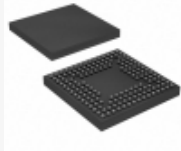
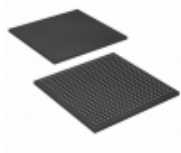
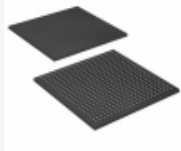
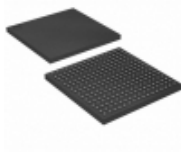
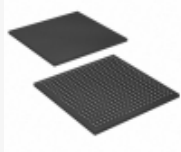
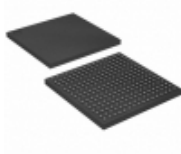
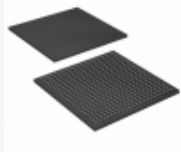
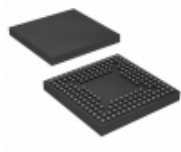
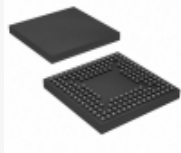
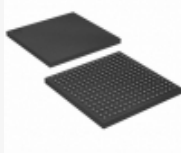
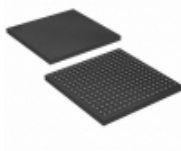
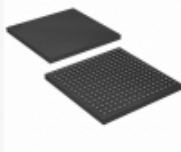
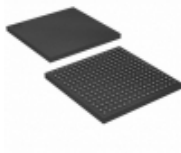
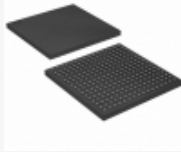
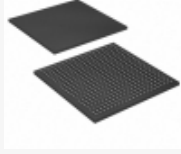
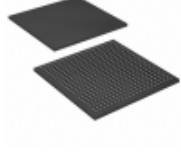
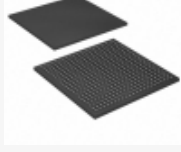
RoHs Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	EP3C16U256C7	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	1903 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
Other Names	544-2465	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#: EP3C16U484C7 Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U484C6N Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256C6N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F484I7 Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U256C8N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U484A7N Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16M164I7N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16M164C8N Description: IC FPGA 92 I/O 164MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16Q240C8N Description: IC FPGA 160 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256I7 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U256I7N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C16U256A7N Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U256C6 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	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#: EP3C16U484C7N Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U484C6 Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ

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