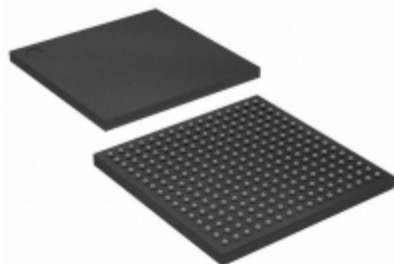


EP3C16U256I7



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C16U256I7](#)

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](#)

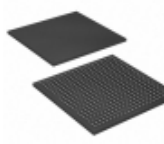
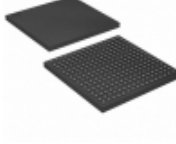
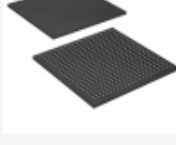
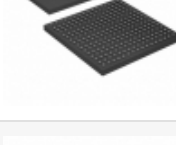
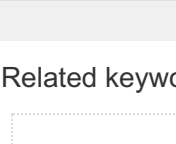
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C16U256I7	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 168 I/O 256UBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1579 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	-40°C ~ 100°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	Lead free / RoHS Compliant
Base Part Number	EP3C16		
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	Part#: EP3C16U256C8 Description: IC FPGA 168 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U484A7N 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
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