

EP3C25U256C8



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See Product Specifications for product details.
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Part Number: [EP3C25U256C8](#)

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

Description IC FPGA 156 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](#)

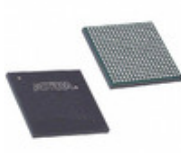
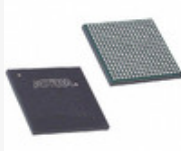
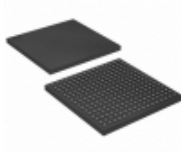
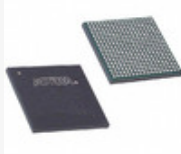
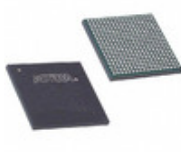
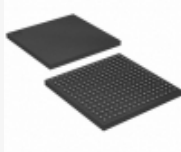
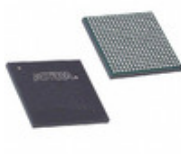
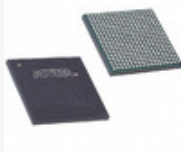
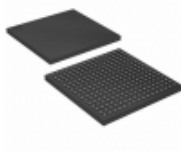
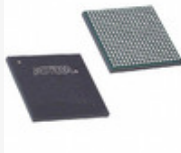
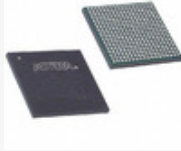
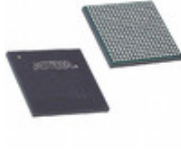
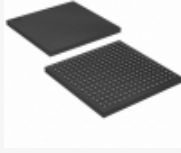
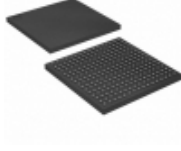
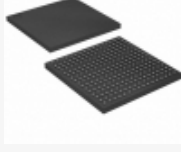
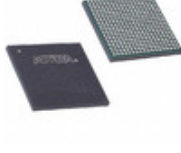
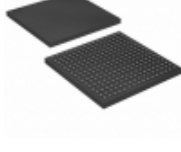
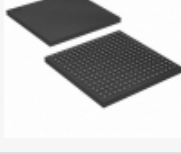
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C25U256C8	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 156 I/O 256UBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1563 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	608256	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	24624
Number of LABs/CLBs	1539	Number of I/O	156
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	EP3C25		
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	Part#: EP3C25U256I7 Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25F324C8N Description: IC FPGA 215 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F324C8 Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25U256I7N Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C25F324I7 Description: IC FPGA 215 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25U256C6N Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F324C7 Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25Q240C8 Description: IC FPGA 148 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C40F324C7N Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F324A7N Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25U256C8N Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C25U256C6 Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C25Q240C8N Description: IC FPGA 148 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25U256C7N Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
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