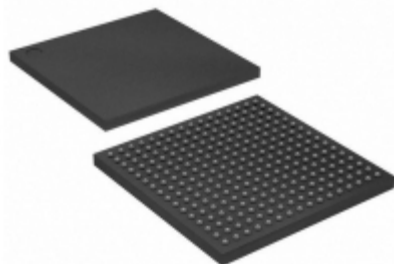


EP3C16F256A7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C16F256A7N](#)

Manufacturer [Intel® FPGAs](#)

Description IC FPGA 168 I/O 256FBGA

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](#)

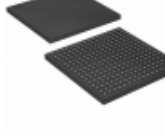
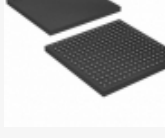
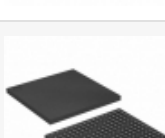
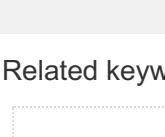
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	EP3C16F256A7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 168 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1237 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-FBGA (17x17)
Series	Cyclone® III	Package / Case	256-LBGA
Operating Temperature	-40°C ~ 125°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#: EP3C16F256C7 Description: IC FPGA 168 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F256C7N Description: IC FPGA 168 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16E144I7N Description: IC FPGA 84 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C16E144I7 Description: IC FPGA 84 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F256I7 Description: IC FPGA 168 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C16F256C6 Description: IC FPGA 168 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F484C6 Description: IC FPGA 346 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C120F780I7 Description: IC FPGA 531 I/O 780FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16E144C8 Description: IC FPGA 84 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16E144C7 Description: IC FPGA 84 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16F256C8 Description: IC FPGA 168 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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