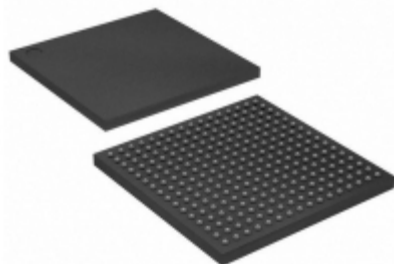


EP3C10F256A7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C10F256A7N](#)

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

Description: IC FPGA 182 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](#)

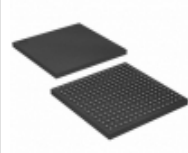
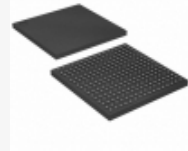
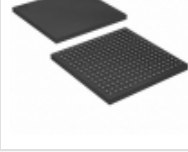
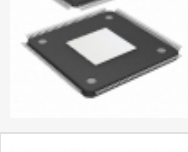
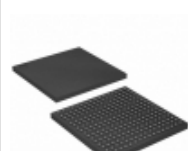
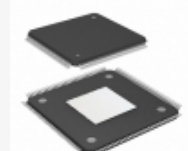
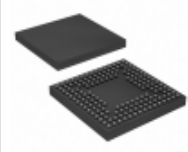
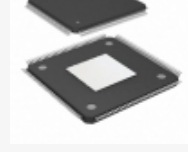
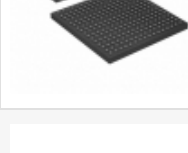
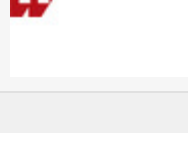
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C10F256A7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 182 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1411 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	423936	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	10320
Number of LABs/CLBs	645	Number of I/O	182
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	EP3C10		
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	Part#: EP3C10F256C7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144I7N Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10F256C7 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10M164C7N Description: IC FPGA 106 I/O 164MBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144I7 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10F256C6 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144C7 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP3C10F256C6N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C10E144C8 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144C7N Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10F256I7 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3642 Description: PANEL STEEL 34.2X40.2" WHT	Manufacturers: Hammond Manufacturing	RFQ

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