

EP3C10E144A7N



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Part Number: [EP3C10E144A7N](#)

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

Description: IC FPGA 94 I/O 144EQFP

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](#)

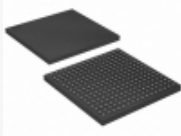
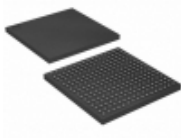
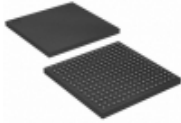
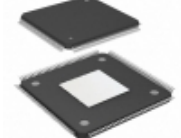
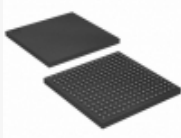
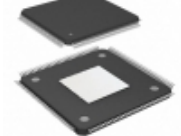
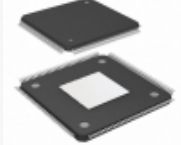
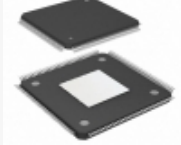
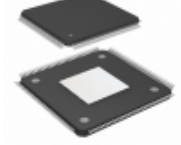
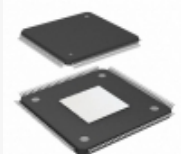
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	EP3C10E144A7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 94 I/O 144EQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1795 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	144-EQFP (20x20)
Series	Cyclone® III	Package / Case	144-LQFP Exposed Pad
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Logic Elements/Cells	10320
Number of LABs/CLBs	645	Number of I/O	94
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP3C10		
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	Part#: EP3642 Description: PANEL STEEL 34.2X40.2" WHT	Manufacturers: Hammond Manufacturing	RFQ
	Part#: EP3C10F256A7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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