

EP3C5E144C7



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See Product Specifications for product details.
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Part Number: [EP3C5E144C7](#)

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](#)

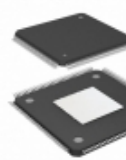
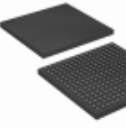
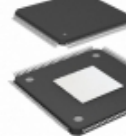
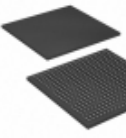
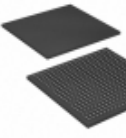
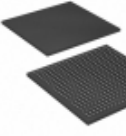
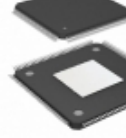
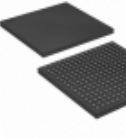
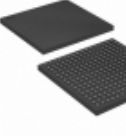
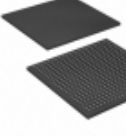
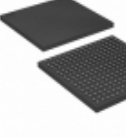
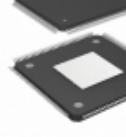
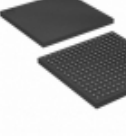
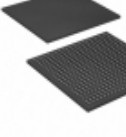
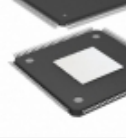
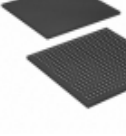
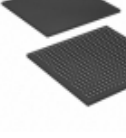
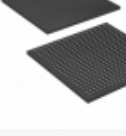
RoHs Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	EP3C5E144C7	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 94 I/O 144EQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4344 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
Other Names	544-2428 EP3C5E144C7-ND	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	5136	Number of LABs/CLBs	321
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	Contains lead / RoHS non-compliant	Base Part Number	EP3C5
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	Part#: EP3C5F256C7 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C5E144C8N Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C55U484C6N Description: IC FPGA 327 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C55U484C6 Description: IC FPGA 327 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C55U484C8 Description: IC FPGA 327 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C5E144C8 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C5F256A7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C5F256C6N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C55U484I7N Description: IC FPGA 327 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C5F256C6 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C5E144I7 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C5F256C7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
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