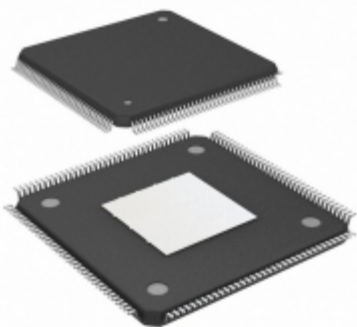


EP3C10E144I7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C10E144I7N](#)

Manufacturer: [Intel® FPGAs](#)

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](#)

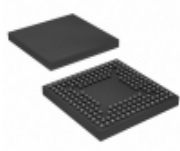
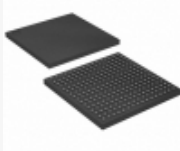
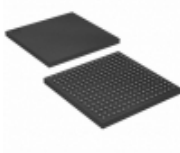
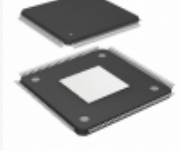
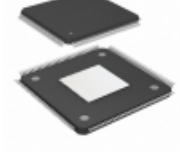
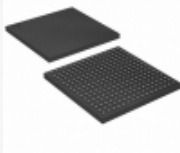
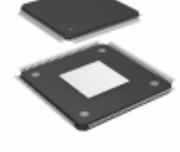
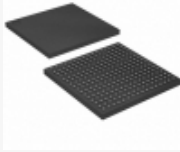
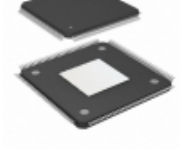
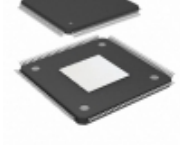
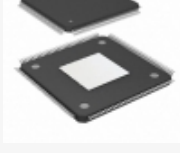
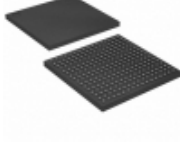
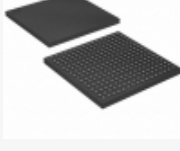
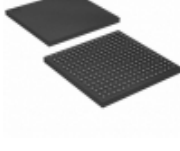
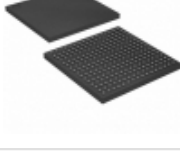
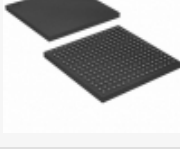
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C10E144I7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 94 I/O 144EQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2370 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	544-2535	Operating Temperature	-40°C ~ 100°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#: EP3C10F256C8 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144C7N Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C10F256A7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144A7N Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10F256I7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10E144C7 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3648 Description: PANEL STEEL 34.2X46.2" WHT	Manufacturers: Hammond Manufacturing	RFQ
	Part#: EP3C10E144I7 Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10E144C8N Description: IC FPGA 94 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10F256C8N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10F256C6N Description: IC FPGA 182 I/O 256FBGA	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
	Part#: EP3C10F256C7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C10F256C6 Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3636 Description: PANEL STEEL 34.2X34.2" WHT	Manufacturers: Hammond Manufacturing	RFQ
	Part#: EP3660 Description: PANEL STEEL 34.2X58.2" WHT	Manufacturers: Hammond Manufacturing	RFQ

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