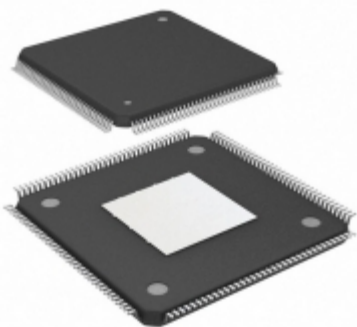


EP3C25E144I7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C25E144I7N](#)

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

Description: IC FPGA 82 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](#)

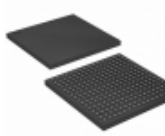
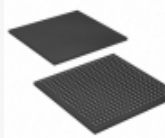
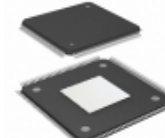
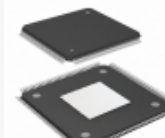
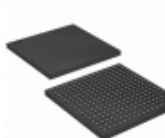
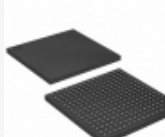
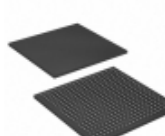
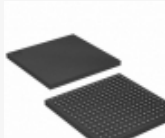
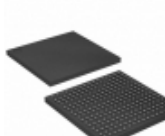
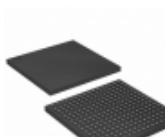
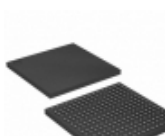
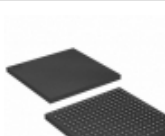
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C25E144I7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 82 I/O 144EQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1229 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	608256	Supplier Device Package	144-EQFP (20x20)
Series	Cyclone® III	Package / Case	144-LQFP Exposed Pad
Other Names	544-2542	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	24624	Number of LABs/CLBs	1539
Number of I/O	82	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	EP3C25
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	Part#: EP3C25E144C7 Description: IC FPGA 82 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C25E144C8N Description: IC FPGA 82 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25F256C7 Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25F256C8N Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U484C8N Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C25F256C8 Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C25F256A7N Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25E144I7 Description: IC FPGA 82 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25E144C7N Description: IC FPGA 82 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C25E144C8 Description: IC FPGA 82 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C25F256C7N Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C16U484C8 Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C25F256I7 Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25E144A7N Description: IC FPGA 82 I/O 144EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25F256C6 Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25F256C7ES Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP3C16U484I7 Description: IC FPGA 346 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25F256C6N Description: IC FPGA 156 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ

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