

EP2C8T144C6N



Part Number: [EP2C8T144C6N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 85 I/O 144TQFP

Data sheet:  [Cyclone II Handbook](#)
 [144-TQFP Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Lead free / RoHS Compliant

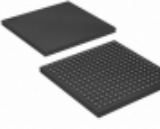
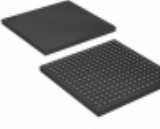
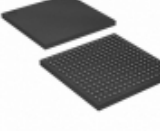
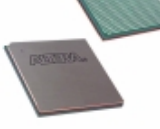
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PRODUCT PARAMETER			
Part Number	EP2C8T144C6N	Manufacturer	Intel® FPGAs
Description	IC FPGA 85 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3249 pcs	Data sheet	Cyclone II Handbook 144-TQFP Pkg Info Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	165888	Supplier Device Package	144-TQFP (20x20)
Series	Cyclone® II	Package / Case	144-LQFP
Other Names	544-2155	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	8256	Number of LABs/CLBs	516
Number of I/O	85	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	EP2C8
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	Part#: EP2C8Q208I8N Description: IC FPGA 138 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP2C8T144I8N Description: IC FPGA 85 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP2S130F1020C3N Description: IC FPGA 742 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K60EQI208-2X Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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