

EP2C5T144I8N



Part Number: [EP2C5T144I8N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 89 I/O 144TQFP

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

RoHs Status: Lead free / RoHS Compliant

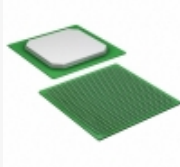
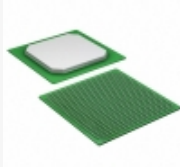
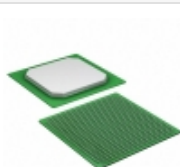
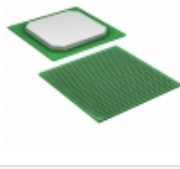
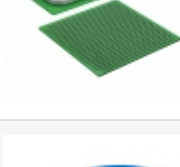
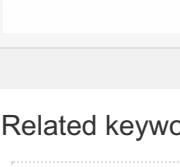
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PRODUCT PARAMETER			
Part Number	EP2C5T144I8N	Manufacturer	Intel® FPGAs
Description	IC FPGA 89 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5880 pcs	Data sheet	Cyclone II Handbook 144-TQFP Pkg Info Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	119808	Supplier Device Package	144-TQFP (20x20)
Series	Cyclone® II	Package / Case	144-LQFP
Other Names	544-2139	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	4608	Number of LABs/CLBs	288
Number of I/O	89	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	22 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP2C5
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RELATED PRODUCTS			
	Part#: EP2C5T144C7 Description: IC FPGA 89 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2C70F672C7N Description: IC FPGA 422 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2C5T144C8 Description: IC FPGA 89 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP2C70F672C7 Description: IC FPGA 422 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2C5T144I8 Description: IC FPGA 89 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP2C70F672I8N Description: IC FPGA 422 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP2C70F896C6N Description: IC FPGA 622 I/O 896FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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