

EP2C5AT144A7N



Part Number: [EP2C5AT144A7N](#)

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

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

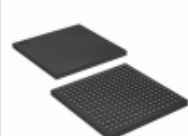
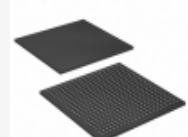
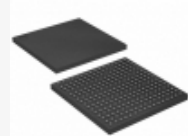
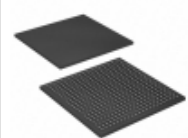
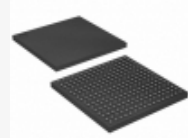
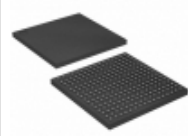
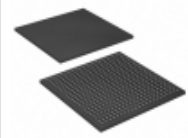
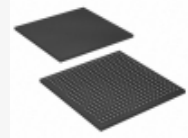
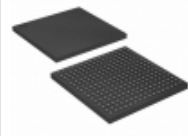
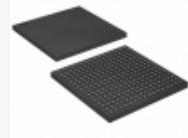
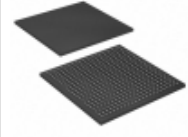
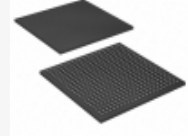
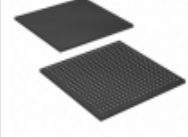
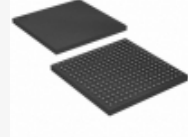
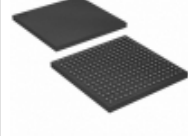
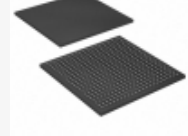
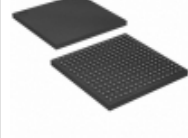
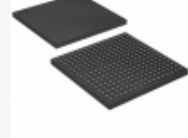
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PRODUCT PARAMETER			
Part Number	EP2C5AT144A7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 89 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4353 pcs	Data sheet	Cyclone II 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
Operating Temperature	-40°C ~ 125°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	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP2C5		
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	Part#: EP2C5Q208C7N Description: IC FPGA 142 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP2C5AF256A7N Description: IC FPGA 158 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2C50U484C8 Description: IC FPGA 294 I/O 484UBGA	Manufacturers: Intel® FPGAs	RFQ
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