

EP1C6T144I7N



Part Number: [EP1C6T144I7N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 98 I/O 144TQFP

Data sheet:  [Cyclone Device Handbook, Volume 1](#)
 [144-TQFP Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)
 [Cyclone FPGA Family](#)

RoHs Status: Lead free / RoHS Compliant

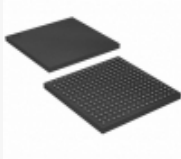
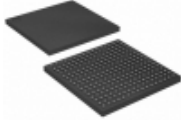
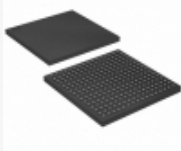
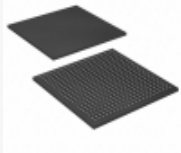
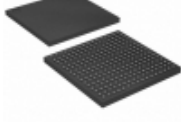
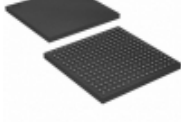
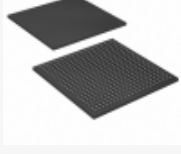
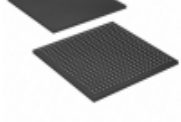
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EP1C6T144I7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 98 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3542 pcs	Data sheet	Cyclone Device Handbook, Volume 1 144-TQFP Pkg Info Virtual JTAG Megafuntion User Guide Cyclone FPGA Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	92160	Supplier Device Package	144-TQFP (20x20)
Series	Cyclone®	Package / Case	144-LQFP
Other Names	544-1818 EP1C6T144I7N-ND	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	5980	Number of LABs/CLBs	598
Number of I/O	98	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP1C6		
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	Part#: EP1K100FC256-3 Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C6T144C7N Description: IC FPGA 98 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C6T144C7 Description: IC FPGA 98 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1K100FC256-1N Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP1C6XXA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C6T144C6N Description: IC FPGA 98 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K100FC256-2 Description: IC FPGA 186 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C6T144C6 Description: IC FPGA 98 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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