

EP1K50TC144-1N



Part Number: [EP1K50TC144-1N](#)

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

Description: IC FPGA 102 I/O 144TQFP

Data sheet:  [ACEX 1K PLD Family](#)
 [144-TQFP Pkg Info](#)

RoHS Status: Lead free / RoHS Compliant

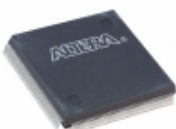
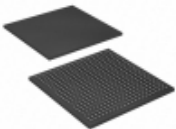
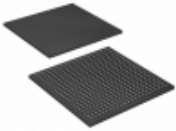
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PRODUCT PARAMETER			
Part Number	EP1K50TC144-1N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 102 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4040 pcs	Data sheet	ACEX 1K PLD Family 144-TQFP Pkg Info
Category	Integrated Circuits (ICs)	Voltage - Supply	2.375 V ~ 2.625 V
Total RAM Bits	40960	Supplier Device Package	144-TQFP (20x20)
Series	ACEX-1K®	Package / Case	144-LQFP
Other Names	544-1847 EP1K50TC144-1N-ND	Operating Temperature	0°C ~ 70°C (TA)
Number of Logic Elements/Cells	2880	Number of LABs/CLBs	360
Number of I/O	102	Number of Gates	199000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP1K50
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	Part#: EP1K50QC208-1N Description: IC FPGA 147 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1K50QC208-3AA Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50TC144-3 Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP1K50TC144-2 Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP1K50XXC Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50QC208-2 Description: IC FPGA 147 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K50QC208-2N Description: IC FPGA 147 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50TC144-1 Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1K50TC144-3N Description: IC FPGA 102 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50XXB Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1K50QI208-2N Description: IC FPGA 147 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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