

EP20K160ETC144-2



Part Number: [EP20K160ETC144-2](#)

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

Description: IC FPGA 88 I/O 144TQFP

Data sheet:  [APEX 20K Family Datasheet](#)
 [144-TQFP Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Lead free / RoHS Compliant

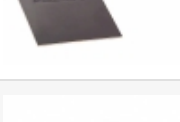
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PRODUCT PARAMETER			
Part Number	EP20K160ETC144-2	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 88 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5890 pcs	Data sheet	APEX 20K Family Datasheet 144-TQFP Pkg Info Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 1.89 V
Total RAM Bits	81920	Supplier Device Package	144-TQFP (20x20)
Series	APEX-20KE®	Package / Case	144-LQFP
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	6400
Number of LABs/CLBs	640	Number of I/O	88
Number of Gates	404000	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP20K160		
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	Part#: EP20K160EQI240-3 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K200BC356-1X Description: IC FPGA 277 I/O 356BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-3N Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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