

EP20K160ETC144-1



Part Number: [EP20K160ETC144-1](#)

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: Contains lead / RoHS non-compliant

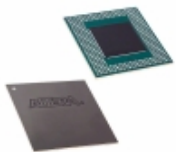
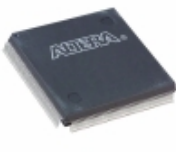
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
Buy EP20K160ETC144-1 with confidence from
Component-World.HK, 1 Year Warranty

Request For Quotation

PRODUCT PARAMETER			
Part Number	EP20K160ETC144-1	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 88 I/O 144TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4375 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	Contains lead / RoHS non-compliant
Base Part Number	EP20K160		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 4375 pieces of Altera (Intel® Programmable Solutions Group) EP20K160ETC144-1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: EP20K200BC356-1 Description: IC FPGA 277 I/O 356BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-2X Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQI240-3 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-1N Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-1X Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-2 Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160ETI144-3 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC208-3N Description: IC FPGA 143 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-3N Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160ETC144-2X Description: IC FPGA 88 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160ETC144-1X Description: IC FPGA 88 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160ETC144-2N Description: IC FPGA 88 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160ETC144-2 Description: IC FPGA 88 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-3 Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQI208-3 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K200BC356-2 Description: IC FPGA 277 I/O 356BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160EQC240-1 Description: IC FPGA 175 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K160ETC144-3 Description: IC FPGA 88 I/O 144TQFP	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#: EP20K160ETC144-3N Description: IC FPGA 88 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

Related keywords for EP20K160ETC144-1			
Altera (Intel® Programmable Solutions Group)	EP20K160ETC144-1 distributor	EP20K160ETC144-1 supplier	EP20K160ETC144-1 price
EP20K160ETC144-1	EP20K160ETC144-1 download datasheet	EP20K160ETC144-1 datasheet	EP20K160ETC144-1 stock
buy EP20K160ETC144-1	Altera (Intel® Programmable Solutions Group)	Altera EP20K160ETC144-1	Altera (Intel® Programmable Solutions Group)
	EP20K160ETC144-1		EP20K160ETC144-1