



Altera (Intel® Programmable Solutions Group)

Solutions Group)



Image may be representation. See specifications for product details.

EP20K160ETC144-3

Part Number:	EP20K160ETC144-3
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 88 I/O 144TQFP 1.EP20K160ETC144-3.pdf 2.EP20K160ETC144-3.pdf 3.EP20K160ETC144-3.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

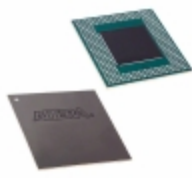
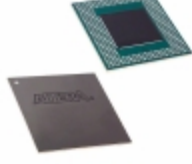
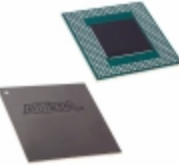
Specifications of EP20K160ETC144-3

PART NUMBER	EP20K160ETC144-3
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 88 I/O 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.EP20K160ETC144-3.pdf 2.EP20K160ETC144-3.pdf 3.EP20K160ETC144-3.pdf
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

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3	EP20K160ETC144-3 Distributor	EP20K160ETC144-3 Supplier
EP20K160ETC144-3 Price	EP20K160ETC144-3 Pictures	EP20K160ETC144-3 Image
EP20K160ETC144-3 PDF Datasheet	EP20K160ETC144-3 Download Datasheet	EP20K160ETC144-3 Datasheet
EP20K160ETC144-3 Stock	Buy EP20K160ETC144-3	Buy Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3
Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3	Altera EP20K160ETC144-3	Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3

Related Products

 EP20K200BC356-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: Out stock RFQ	 EP20K160ETC144-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: Out stock RFQ
 EP20K160ETC144-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: Out stock RFQ	 EP20K160EQI240-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160ETC144-2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: Out stock RFQ	 EP20K160ETI144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160ETC144-3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: Out stock RFQ	 EP20K160ETC144-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: Out stock RFQ
 EP20K200BC356-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: Out stock RFQ	 EP20K200BC356-2XV Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160ETC144-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: Out stock RFQ	 EP20K200BC356-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: Out stock RFQ