



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

EP20K160ETC144-1X

Part Number:	EP20K160ETC144-1X
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 88 I/O 144TQFP
	 1.EP20K160ETC144-1X.pdf
	 2.EP20K160ETC144-1X.pdf
	 3.EP20K160ETC144-1X.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3326 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EP20K160ETC144-1X

PART NUMBER	EP20K160ETC144-1X
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 88 I/O 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3326 pcs
DATA SHEET	 1.EP20K160ETC144-1X.pdf  2.EP20K160ETC144-1X.pdf  3.EP20K160ETC144-1X.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) EP20K160ETC144-1X	EP20K160ETC144-1X Distributor	EP20K160ETC144-1X Supplier
EP20K160ETC144-1X Price	EP20K160ETC144-1X Pictures	EP20K160ETC144-1X Image
EP20K160ETC144-1X PDF Datasheet	EP20K160ETC144-1X Download Datasheet	EP20K160ETC144-1X Datasheet
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Altera (Intel® Programmable Solutions Group) EP20K160ETC144-1X	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
Altera (Intel® Programmable Solutions Group) EP20K160ETC144-1X	Altera EP20K160ETC144-1X	Altera (Intel® Programmable Solutions Group) EP20K160ETC144-1X

Related Products

 EP20K160ETC144-3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 3361 pcs RFQ	 EP20K160ETC144-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 6022 pcs RFQ
 EP20K160EQC240-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 175 I/O 240QFP In stock: 4119 pcs RFQ	 EP20K160EQC240-3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 175 I/O 240QFP In stock: 6827 pcs RFQ
 EP20K160ETI144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 7091 pcs RFQ	 EP20K160ETC144-2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 4865 pcs RFQ
 EP20K160EQC240-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 175 I/O 240QFP In stock: 6183 pcs RFQ	 EP20K160EQI208-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 3369 pcs RFQ
 EP20K160ETC144-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 3544 pcs RFQ	 EP20K160ETC144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 3727 pcs RFQ
 EP20K160ETC144-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 5327 pcs RFQ	 EP20K160EQI240-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 5044 pcs RFQ

