



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

EP20K160ETC144-3N

Part Number: EP20K160ETC144-3N

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 88 I/O 144TQFP

Datasheets: [1. EP20K160ETC144-3N.pdf](#)
[2. EP20K160ETC144-3N.pdf](#)
[3. EP20K160ETC144-3N.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 3361 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

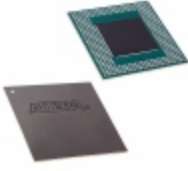
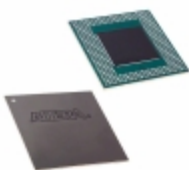
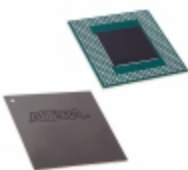
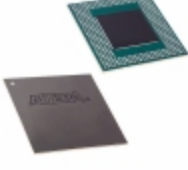
Specifications of EP20K160ETC144-3N

PART NUMBER	EP20K160ETC144-3N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 88 I/O 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3361 pcs
DATA SHEET	1. EP20K160ETC144-3N.pdf 2. EP20K160ETC144-3N.pdf 3. EP20K160ETC144-3N.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) EP20K160ETC144-3N	EP20K160ETC144-3N Distributor	EP20K160ETC144-3N Supplier
EP20K160ETC144-3N Price	EP20K160ETC144-3N Pictures	EP20K160ETC144-3N Image
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Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3N	Altera EP20K160ETC144-3N	Altera (Intel® Programmable Solutions Group) EP20K160ETC144-3N

Related Products

 EP20K160ETC144-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 3326 pcs RFQ	 EP20K160ETC144-2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 4865 pcs RFQ
 EP20K160ETC144-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 6022 pcs RFQ	 EP20K160ETC144-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 3544 pcs RFQ
 EP20K160ETC144-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 5327 pcs RFQ	 EP20K200BC356-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: 4529 pcs RFQ
 EP20K200BC356-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: 3798 pcs RFQ	 EP20K200BC356-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: 2821 pcs RFQ
 EP20K160ETI144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 7091 pcs RFQ	 EP20K200BC356-2XV Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 4946 pcs RFQ
 EP20K160ETC144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 88 I/O 144TQFP In stock: 3727 pcs RFQ	 EP20K200BC356-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 277 I/O 356BGA In stock: 6429 pcs RFQ