



Altera (Intel® Programmable Solutions Group)



Part Number:EP20K60EFC144-2X

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

Product description:IC FPGA 93 I/O 144FBGA

1.EP20K60EFC144-2X.pdf

2.EP20K60EFC144-2X.pdf

3.EP20K60EFC144-2X.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Stock Condition:5867 pcs stock

Ship From:Hong Kong

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

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

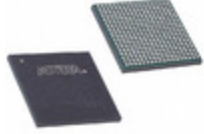
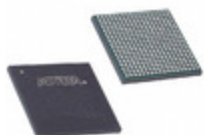
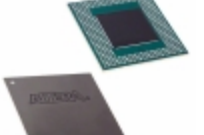
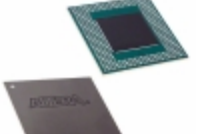
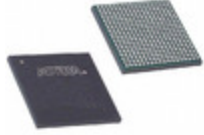
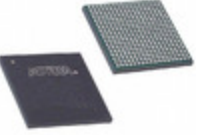
Specifications of EP20K60EFC144-2X

PART NUMBER	EP20K60EFC144-2X
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 93 I/O 144FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5867 pcs
DATA SHEET	1.EP20K60EFC144-2X.pdf 2.EP20K60EFC144-2X.pdf 3.EP20K60EFC144-2X.pdf
VOLTAGE - SUPPLY	1.71 V ~ 1.89 V
TOTAL RAM BITS	32768
SUPPLIER DEVICE PACKAGE	144-FBGA (13x13)
SERIES	APEX-20KE®
PACKAGE / CASE	144-BGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	2560
NUMBER OF LABS/CLBS	2560
NUMBER OF I/O	93
NUMBER OF GATES	162000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP20K60

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K60EFC144-2X	EP20K60EFC144-2X Distributor	EP20K60EFC144-2X Supplier
EP20K60EFC144-2X Price	EP20K60EFC144-2X Pictures	EP20K60EFC144-2X Image
EP20K60EFC144-2X PDF Datasheet	EP20K60EFC144-2X Download Datasheet	EP20K60EFC144-2X Datasheet
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Related Products

 EP20K60EFC324-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 324FBGA In stock: 3626 pcs RFQ	 EP20K60EFC144-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3845 pcs RFQ
 EP20K60EFC324-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 324FBGA In stock: 6522 pcs RFQ	 EP20K60EBC356-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 6915 pcs RFQ
 EP20K60EFC144-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 6892 pcs RFQ	 EP20K60EFC144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 2756 pcs RFQ
 EP20K60EFC144-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3185 pcs RFQ	 EP20K60EBC356-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 4887 pcs RFQ
 EP20K60EFC144-2XN Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3476 pcs RFQ	 EP20K60EBC356-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 6586 pcs RFQ
 EP20K60EFC324-1N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 324FBGA In stock: 4040 pcs RFQ	 EP20K60EFC324-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 324FBGA In stock: 6299 pcs RFQ