



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

EP20K60EFC144-1

Part Number:	EP20K60EFC144-1
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 93 I/O 144FBGA  1.EP20K60EFC144-1.pdf  2.EP20K60EFC144-1.pdf  3.EP20K60EFC144-1.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3185 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

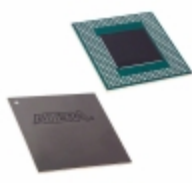
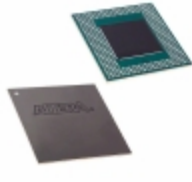
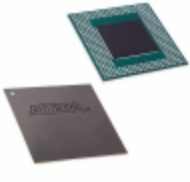
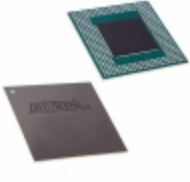
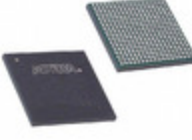
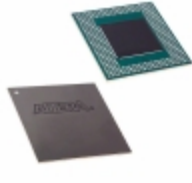
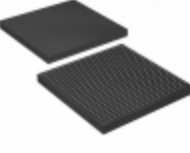
Specifications of EP20K60EFC144-1

PART NUMBER	EP20K60EFC144-1
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 93 I/O 144FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3185 pcs
DATA SHEET	 1.EP20K60EFC144-1.pdf  2.EP20K60EFC144-1.pdf  3.EP20K60EFC144-1.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) EP20K60EFC144-1	EP20K60EFC144-1 Distributor	EP20K60EFC144-1 Supplier
EP20K60EFC144-1 Price	EP20K60EFC144-1 Pictures	EP20K60EFC144-1 Image
EP20K60EFC144-1 PDF Datasheet	EP20K60EFC144-1 Download Datasheet	EP20K60EFC144-1 Datasheet
EP20K60EFC144-1 Stock	Buy EP20K60EFC144-1	Buy Altera (Intel® Programmable Solutions Group) EP20K60EFC144-1
Altera (Intel® Programmable Solutions Group) EP20K60EFC144-1	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
Altera (Intel® Programmable Solutions Group) EP20K60EFC144-1	Altera EP20K60EFC144-1	Altera (Intel® Programmable Solutions Group) EP20K60EFC144-1

Related Products

 EP20K60EBC356-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 6586 pcs RFQ	 EP20K60EFC144-2XN Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3476 pcs RFQ
 EP20K60EBC356-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 4887 pcs RFQ	 EP20K60EBC356-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 6915 pcs RFQ
 EP20K60EFC144-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3845 pcs RFQ	 EP20K60EBC356-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 356BGA In stock: 5317 pcs RFQ
 EP20K60EFC324-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 196 I/O 324FBGA In stock: 6522 pcs RFQ	 EP20K60EFC144-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 5867 pcs RFQ
 EP20K60EBC356-1 Manufacturers: Intel® FPGAs Description: IC FPGA 196 I/O 356BGA In stock: 5150 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	 EP20K600EF1672-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 3867 pcs RFQ