



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

Part Number:	EP20K30EFC144-2X
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 93 I/O 144FBGA
	 1.EP20K30EFC144-2X.pdf
	 2.EP20K30EFC144-2X.pdf
	 3.EP20K30EFC144-2X.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3279 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EP20K30EFC144-2X

PART NUMBER	EP20K30EFC144-2X
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 93 I/O 144FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3279 pcs
DATA SHEET	 1.EP20K30EFC144-2X.pdf  2.EP20K30EFC144-2X.pdf  3.EP20K30EFC144-2X.pdf
VOLTAGE - SUPPLY	1.71 V ~ 1.89 V
TOTAL RAM BITS	24576
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	1200
NUMBER OF LABS/CLBS	120
NUMBER OF I/O	93
NUMBER OF GATES	113000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP20K30

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K30EFC144-2X	EP20K30EFC144-2X Distributor	EP20K30EFC144-2X Supplier
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Altera (Intel® Programmable Solutions Group) EP20K30EFC144-2X	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
Altera (Intel® Programmable Solutions Group) EP20K30EFC144-2X	Altera EP20K30EFC144-2X	Altera (Intel® Programmable Solutions Group) EP20K30EFC144-2X

Related Products

 EP20K30EFC144-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 5426 pcs RFQ	 EP20K30EFI144-2XN Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 6924 pcs RFQ
 EP20K30EFI144-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3963 pcs RFQ	 EP20K30EFC256-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 3589 pcs RFQ
 EP20K30EFC256-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 6679 pcs RFQ	 EP20K30EFC144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3091 pcs RFQ
 EP20K30EFC144-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 93 I/O 144FBGA In stock: 3941 pcs RFQ	 EP20K30EFC256-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: 6477 pcs RFQ
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