



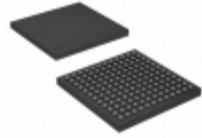
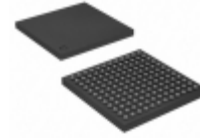


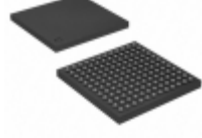
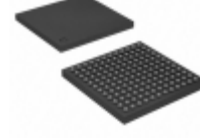
	<h2>EP20K30EFC144-1X</h2>
	<p><b>Manufacturer Part Number:</b> EP20K30EFC144-1X</p> <p><b>Manufacturer/Brand:</b> Altera</p> <p><b>Part of Description:</b> IC FPGA 93 I/O 144FBGA</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.EP20K30EFC144-1X.pdf</a></li> <li> <a href="#">2.EP20K30EFC144-1X.pdf</a></li> <li> <a href="#">3.EP20K30EFC144-1X.pdf</a></li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup> New original, 2670 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	EP20K30EFC144-1X
Manufacturer	Altera
Description	IC FPGA 93 I/O 144FBGA
Category	Integrated Circuits (ICs) > Embedded - FPGAs (Field
Part Status	2670 pcs Stock
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

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