

EP20K100EF144-3



Part Number: [EP20K100EF144-3](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA

Data sheet:  [APEX 20K](#)

RoHs Status: Lead free / RoHS Compliant

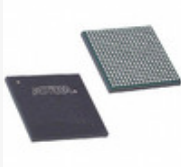
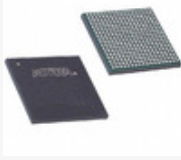
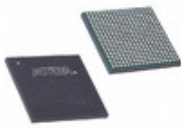
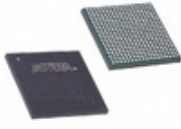
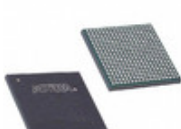
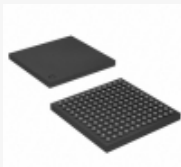
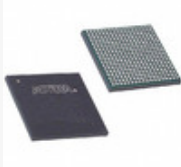
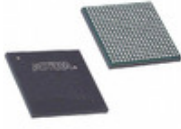
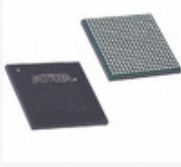
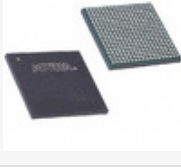
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PRODUCT PARAMETER			
Part Number	EP20K100EF144-3	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5258 pcs	Data sheet	APEX 20K
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 1.89 V
Total RAM Bits	53248	Supplier Device Package	144-TQFP (20x20)
Series	APEX-20K®	Package / Case	144-LQFP
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	4160
Number of LABs/CLBs	416	Number of I/O	93
Number of Gates	263000	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
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	Part#: EP20K100EF144-2N Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100EQC208-1X Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-3N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC208-2XN Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100EFC324-3GZ Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC208-2X Description: IC FPGA 151 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-1N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100EQC208-3N Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EF1324-2X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100EFC324-3 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-2X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-2 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQC208-2 Description: IC FPGA 151 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-1X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ

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