

EP20K100FC144-2



Part Number: [EP20K100FC144-2](#)

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

Description: IC FPGA

Data sheet:  [APEX 20K](#)

RoHs Status: Lead free / RoHS Compliant

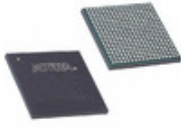
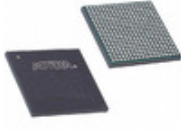
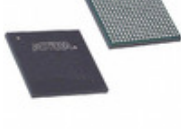
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PRODUCT PARAMETER			
Part Number	EP20K100FC144-2	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5644 pcs	Data sheet	APEX 20K
Category	Integrated Circuits (ICs)	Voltage - Supply	2.375 V ~ 2.625 V
Total RAM Bits	53248	Supplier Device Package	144-TQFP (20x20)
Series	APEX-20K®	Package / Case	144-LQFP
Operating Temperature	0°C ~ 85°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#: EP20K100ETC144-3 Description: IC FPGA 92 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100FC196-1 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100FC196-2X Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100FC144-2X Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100FC324-1X Description: IC FPGA 252 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100ETC144-1N Description: IC FPGA 92 I/O 144TQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100FC324-1V Description: IC FPGA 252 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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