

EP20K100EFC196-3



Part Number: [EP20K100EFC196-3](#)

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

Description: IC FPGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

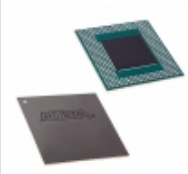
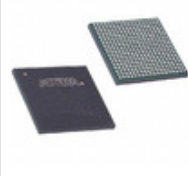
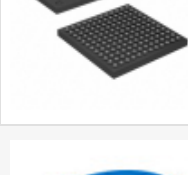
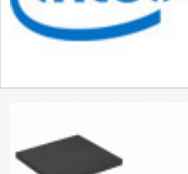
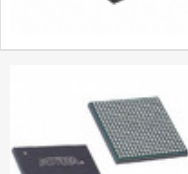
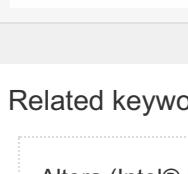
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PRODUCT PARAMETER			
Part Number	EP20K100EFC196-3	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5943 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 1.89 V
Total RAM Bits	53248	Supplier Device Package	196-BGA
Series	APEX-20K®	Package / Case	196-BGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	4160
Number of LABs/CLBs	416	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#: EP20K100EBI356-2X Description: IC FPGA 246 I/O 356BGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EF324I2XGZ Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-1X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC196-2 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-2 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	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#: EP20K100EFC324-1 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC144-1X Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-3GZ Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC196-1 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-1N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EF144-2N Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC144-2 Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K100EFC144-1 Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC144-3 Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-2N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC144-2X Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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