

EP20K100EFC324-1X





Part Number: [EP20K100EFC324-1X](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 246 I/O 324FBGA

Data sheet:  [APEX 20K Family Datasheet](#)
 [324-FBGA Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Contains lead / RoHS non-compliant

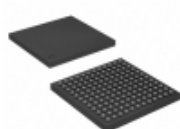
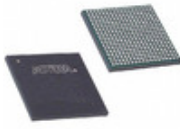
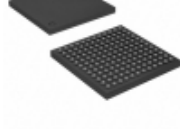
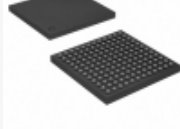
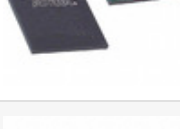
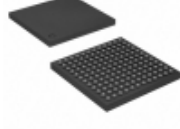
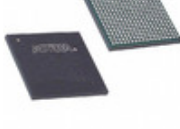
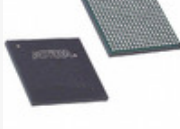
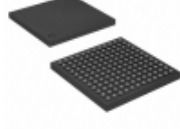
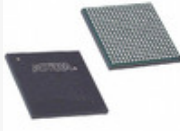
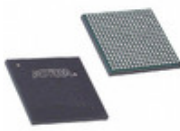
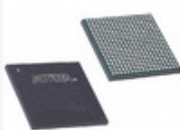
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EP20K100EFC324-1X	Manufacturer	Intel® FPGAs
Description	IC FPGA 246 I/O 324FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4719 pcs	Data sheet	APEX 20K Family Datasheet 324-FBGA Pkg Info Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 1.89 V
Total RAM Bits	53248	Supplier Device Package	324-FBGA (19x19)
Series	APEX-20KE®	Package / Case	324-BGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	4160
Number of LABs/CLBs	416	Number of I/O	246
Number of Gates	263000	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Base Part Number	EP20K100		
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	Part#: EP20K100EFC324-3 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-3GZ Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC196-3 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-1 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EF144-2X Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC144-2 Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC196-1 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC196-2 Description: IC FPGA	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#: EP20K100EFC144-3 Description: IC FPGA 93 I/O 144FBGA	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#: EP20K100EF144-3 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#: EP20K100EF1324-2N 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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	Part#: EP20K100EFC324-2X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
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