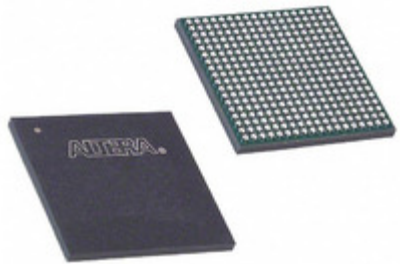


EP20K100EFC324-1





Part Number: [EP20K100EFC324-1](#)

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

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

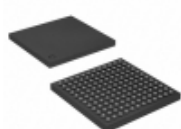
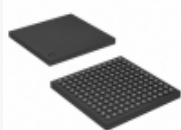
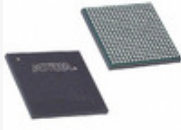
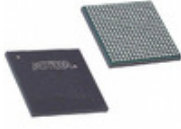
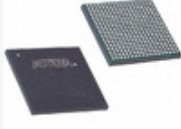
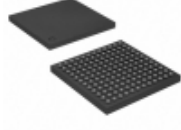
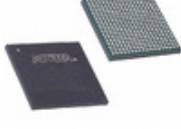
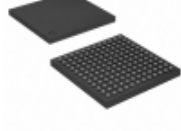
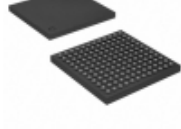
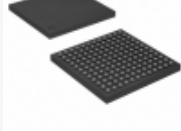
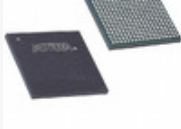
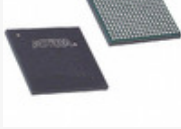
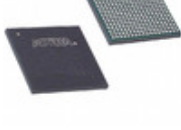
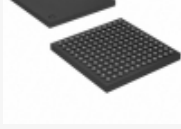
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	EP20K100EFC324-1	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 246 I/O 324FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4446 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
Other Names	544-2090	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#: EP20K100EFC196-3 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#: EP20K100EFC324-3 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-1X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC144-1X 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#: EP20K100EFC324-2 Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EF144-2N Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC144-2X Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EF324I2XGZ Description: IC FPGA	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#: EP20K100EF144-2X Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC196-2 Description: IC FPGA	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#: EP20K100EFC324-3GZ Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-2X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-1N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC144-1 Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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