

EP20K100EFI324-2X





Part Number: [EP20K100EFI324-2X](#)

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

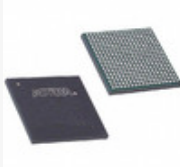
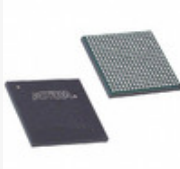
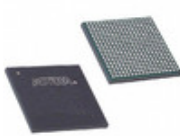
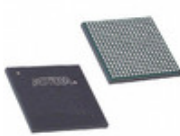
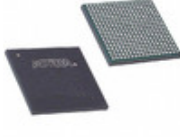
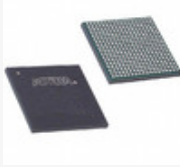
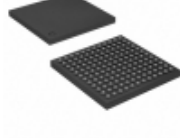
Ship From: Hong Kong

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EP20K100EFI324-2X	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	5401 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	544-2091	Operating Temperature	-40°C ~ 100°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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RELATED PRODUCTS			
	Part#: EP20K100EFI144-2N 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#: EP20K100EQC208-2XN Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC208-3 Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC240-1 Description: IC FPGA 183 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-3 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#: EP20K100EFI144-3 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#: EP20K100EQC208-1X Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFI324-3 Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-3GZ Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFI324-2N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC208-2X Description: IC FPGA 151 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFC324-2N Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC208-3N Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC240-1N Description: IC FPGA 183 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EFC324-2X Description: IC FPGA 246 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EFI144-2X Description: IC FPGA 93 I/O 144FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQC208-1 Description: IC FPGA 151 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ

Related keywords for EP20K100EFI324-2X			
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