

EP20K100EQC240-1





Part Number: [EP20K100EQC240-1](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 183 I/O 240QFP

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

RoHs Status: Contains lead / RoHS non-compliant

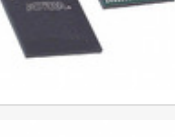
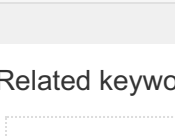
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP20K100EQC240-1	Manufacturer	Intel® FPGAs
Description	IC FPGA 183 I/O 240QFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5684 pcs	Data sheet	APEX 20K Family Datasheet 240-PQFP 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	240-PQFP (32x32)
Series	APEX-20KE®	Package / Case	240-BQFP
Other Names	544-1863 EP20K100EQC240-1-ND	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	4160	Number of LABs/CLBs	416
Number of I/O	183	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#: EP20K100EQC240-2N Description: IC FPGA 183 I/O 240QFP	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#: EP20K100EQC208-1 Description: IC FPGA 151 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQC208-3 Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC240-2X Description: IC FPGA 183 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQC240-2 Description: IC FPGA 183 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQI240-3 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#: EP20K100EFI324-2X 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
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	Part#: EP20K100EQC240-3 Description: IC FPGA 183 I/O 240QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQC240-1N Description: IC FPGA 183 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC240-1X Description: IC FPGA 183 I/O 240QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K100EQC208-2 Description: IC FPGA 151 I/O 208QFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP20K100EQC208-1X Description: IC FPGA 151 I/O 208QFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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