

EP2A40F1020C8





Part Number: [EP2A40F1020C8](#)

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

Description: IC FPGA 735 I/O 1020FBGA

Data sheet:  [APEX II Datasheet](#)
 [896-FBGA Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Lead free / RoHS Compliant

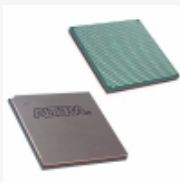
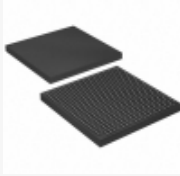
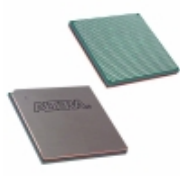
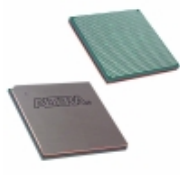
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PRODUCT PARAMETER			
Part Number	EP2A40F1020C8	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 735 I/O 1020FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4049 pcs	Data sheet	APEX II Datasheet 896-FBGA Pkg Info Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	655360	Supplier Device Package	1020-FBGA (33x33)
Series	APEX II	Package / Case	1020-BBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	38400
Number of LABs/CLBs	3840	Number of I/O	735
Number of Gates	3000000	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP2A40		
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	Part#: EP2A40B724C8 Description: IC FPGA 540 I/O 724BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2A40F672C9 Description: IC FPGA 492 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP2A40B724I8 Description: IC FPGA 540 I/O 724BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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