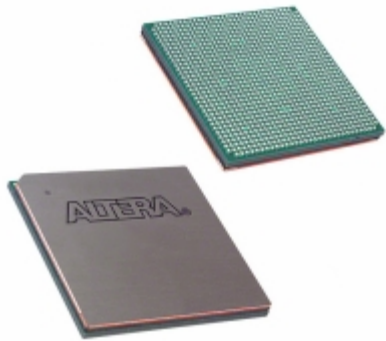


EP2S180F1020I4



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP2S180F1020I4](#)

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

Description IC FPGA 742 I/O 1020FBGA

Data sheet:  [Stratix II Device Handbook, Volume1](#)
 [896-FBGA Pkg Info](#)
 [Stratix II Device Handbook](#)
 [Virtual JTAG Megafuntion User Guide](#)

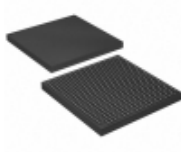
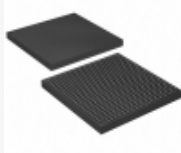
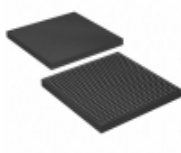
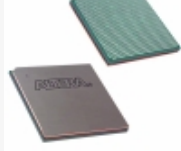
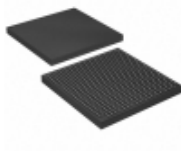
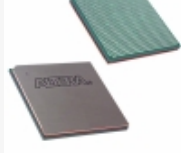
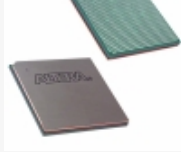
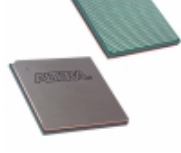
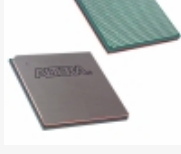
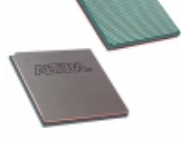
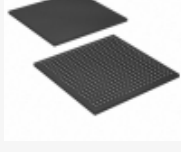
RoHs Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	EP2S180F1020I4	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 742 I/O 1020FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	8 pcs	Data sheet	Stratix II Device Handbook, Volume1 896-FBGA Pkg Info Stratix II Device Handbook Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	9383040	Supplier Device Package	1020-FBGA (33x33)
Series	Stratix® II	Package / Case	1020-BBGA
Other Names	544-2162	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	179400	Number of LABs/CLBs	8970
Number of I/O	742	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Base Part Number	EP2S180		
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	Part#: EP2S15F672C5 Description: IC FPGA 366 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP2S15F672I4N Description: IC FPGA 366 I/O 672FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP2S180F1020C3N Description: IC FPGA 742 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2S180F1508C4 Description: IC FPGA 1170 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP2S180F1020C4 Description: IC FPGA 742 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2S180F1020I4N Description: IC FPGA 742 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2S30F484C3 Description: IC FPGA 342 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2S180F1508C4N Description: IC FPGA 1170 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2S180F1020C5N Description: IC FPGA 742 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP2S180F1508C3N Description: IC FPGA 1170 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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