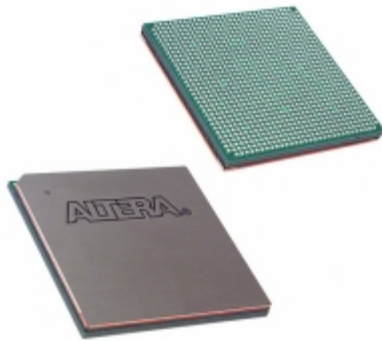


EP1S80F1020I7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP1S80F1020I7N](#)

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

Description: IC FPGA 773 I/O 1020FBGA

Data sheet:  [Stratix Device Handbook Vol 2](#)
 [896-FBGA Pkg Info](#)
 [Virtual JTAG Megafunfun User Guide](#)
 [Stratix Device Datasheet](#)
 [Stratix Device Handbook](#)

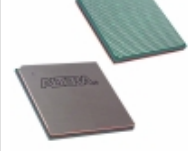
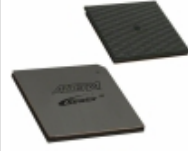
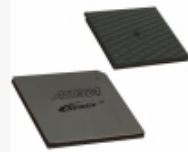
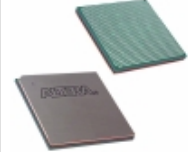
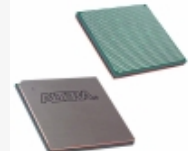
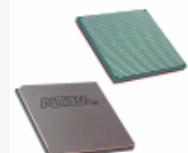
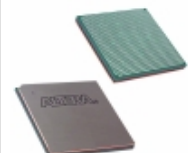
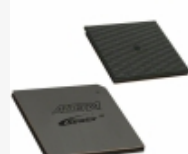
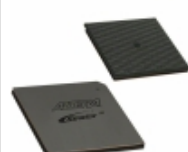
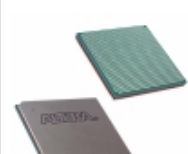
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP1S80F1020I7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 773 I/O 1020FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5330 pcs	Data sheet	Stratix Device Handbook Vol 2 896-FBGA Pkg Info Virtual JTAG Megafunfun User Guide Stratix Device Datasheet Stratix Device Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	7427520	Supplier Device Package	1020-FBGA (33x33)
Series	Stratix®	Package / Case	1020-BBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	79040
Number of LABs/CLBs	7904	Number of I/O	773
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP1S80
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	Part#: EP1S80F1020C5N Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1S80F1508C5 Description: IC FPGA 1022 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1S80F1508C7 Description: IC FPGA 1203 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1S80F1508C6AA Description: IC FPGA STRATIX 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1S80F1508C5N Description: IC FPGA 1022 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1S80F1020I7NGA Description: IC FPGA STRATIX 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1S80F1020C6 Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1S80F1020C6N Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1S80F1508I7 Description: IC FPGA 1203 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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