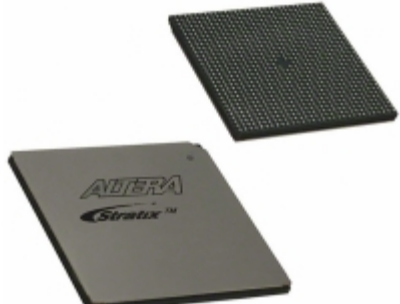


EP1S80B956C7



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP1S80B956C7](#)

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

Description: IC FPGA 683 I/O 956BGA

Data sheet:  [956-BGA Pkg Info](#)
 [Virtual JTAG Megafuntion User Guide](#)
 [Stratix Device Datasheet](#)
 [Stratix Device Handbook](#)

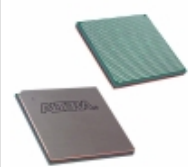
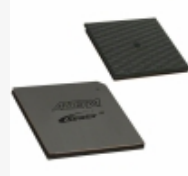
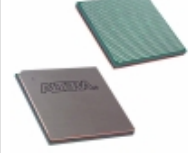
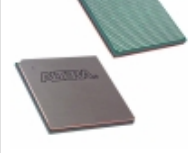
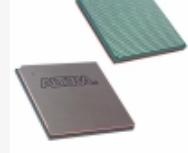
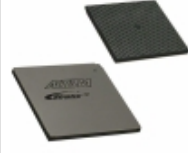
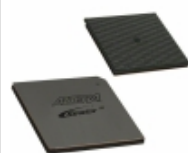
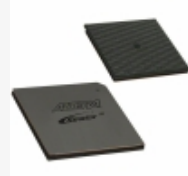
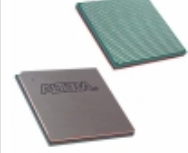
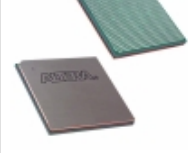
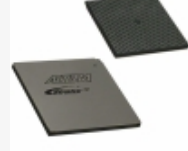
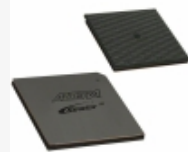
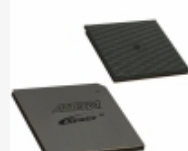
RoHS Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	EP1S80B956C7	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 683 I/O 956BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4654 pcs	Data sheet	956-BGA Pkg Info Virtual JTAG Megafuntion 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	956-BGA (40x40)
Series	Stratix®	Package / Case	956-BBGA, FCBGA
Other Names	544-1438 EP1S80B956C7-ND	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	79040	Number of LABs/CLBs	7904
Number of I/O	683	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Base Part Number	EP1S80		
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	Part#: EP1S80B956C6 Description: IC FPGA 683 I/O 956BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1S60F1508C7 Description: IC FPGA 1022 I/O 1508FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1S60F1020I6N Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1S80B956C7N Description: IC FPGA 683 I/O 956BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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