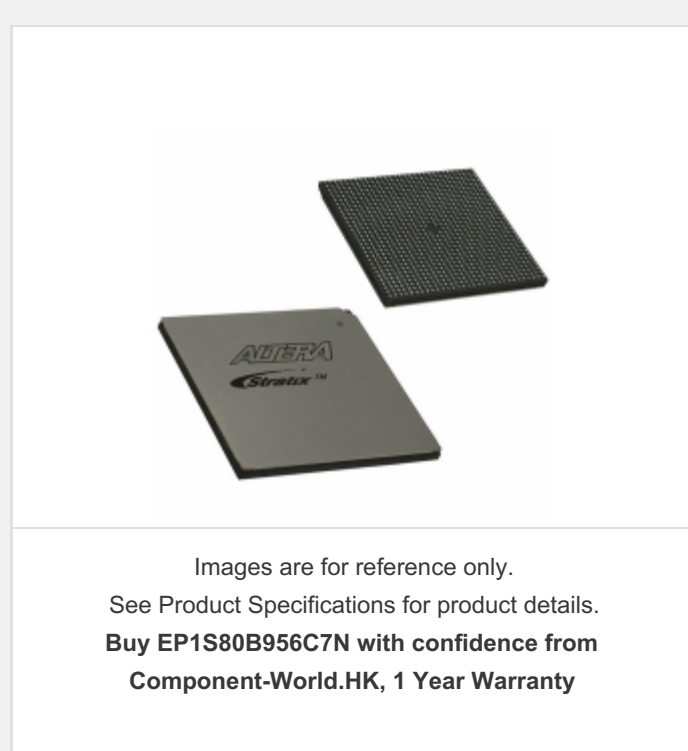


## EP1S80B956C7N



**Part Number:** [EP1S80B956C7N](#)

**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:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

### PRODUCT PARAMETER

<b>Part Number</b>	EP1S80B956C7N	<b>Manufacturer</b>	<a href="#">Altera (Intel® Programmable Solutions Group)</a>
<b>Description</b>	IC FPGA 683 I/O 956BGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	4396 pcs	<b>Data sheet</b>	<a href="#">956-BGA Pkg Info</a> <a href="#">Virtual JTAG Megafuntion User Guide</a> <a href="#">Stratix Device Datasheet</a> <a href="#">Stratix Device Handbook</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply</b>	1.425 V ~ 1.575 V
<b>Total RAM Bits</b>	7427520	<b>Supplier Device Package</b>	956-BGA (40x40)
<b>Series</b>	Stratix®	<b>Package / Case</b>	956-BBGA
<b>Operating Temperature</b>	0°C ~ 85°C (TJ)	<b>Number of Logic Elements/Cells</b>	79040
<b>Number of LABs/CLBs</b>	7904	<b>Number of I/O</b>	683
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Base Part Number</b>	EP1S80

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">EP1S60F1508C7N</a> <b>Description:</b> IC FPGA 1022 I/O 1508FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C7GA</a> <b>Description:</b> IC FPGA STRATIX 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020I7</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80B956C6N</a> <b>Description:</b> IC FPGA 683 I/O 956BGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C7N</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S60F1508C7</a> <b>Description:</b> IC FPGA 1022 I/O 1508FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S60F1508C6</a> <b>Description:</b> IC FPGA 1022 I/O 1508FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C5</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C7</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C6N</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020I7N</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C5N</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80B956C6AA</a> <b>Description:</b> IC FPGA STRATIX 956BGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C6</a> <b>Description:</b> IC FPGA 773 I/O 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S60F1508I6</a> <b>Description:</b> IC FPGA 1022 I/O 1508FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80B956C6AB</a> <b>Description:</b> IC FPGA STRATIX 956BGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80F1020C7NGA</a> <b>Description:</b> IC FPGA STRATIX 1020FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S60F1508C6N</a> <b>Description:</b> IC FPGA 1022 I/O 1508FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80B956C6</a> <b>Description:</b> IC FPGA 683 I/O 956BGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP1S80B956C7</a> <b>Description:</b> IC FPGA 683 I/O 956BGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>

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