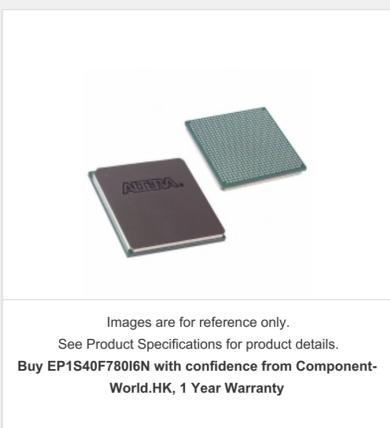


**EP1S40F780I6N**



**Part Number:** [EP1S40F780I6N](#)

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

**Description:** IC FPGA 615 I/O 780FBGA

**Data sheet:** [780-FBGA 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			
Part Number	EP1S40F780I6N	Manufacturer	<a href="#">Altera (Intel® Programmable Solutions Group)</a>
Description	IC FPGA 615 I/O 780FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4988 pcs	Data sheet	<a href="#">780-FBGA Pkg Info</a> <a href="#">Virtual JTAG Megafuntion User Guide</a> <a href="#">Stratix Device Datasheet</a> <a href="#">Stratix Device Handbook</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	3423744	Supplier Device Package	780-FBGA (29x29)
Series	Stratix®	Package / Case	780-BBGA, FCBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	41250
Number of LABs/CLBs	4125	Number of I/O	615
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP1S40

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	Part#: <a href="#">EP1S60F1020C6</a> Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60F1020C5N</a> Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780C7</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780C6N</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60B956I7</a> Description: IC FPGA 683 I/O 956BGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780I6</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60F1020C6NAA</a> Description: IC FPGA STRATIX 1020FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780C5</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780C8</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780I8</a> Description: IC FPGA STRATIX 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780C7N</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F780C6</a> Description: IC FPGA 615 I/O 780FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60B956C6N</a> Description: IC FPGA 683 I/O 956BGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">EP1S60F1020C5</a> Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60B956C6</a> Description: IC FPGA 683 I/O 956BGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60F1020C6N</a> Description: IC FPGA 773 I/O 1020FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S40F1508C7N</a> Description: IC FPGA 822 I/O 1508FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">EP1S60B956C7</a> Description: IC FPGA 683 I/O 956BGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>

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