

EP1S40F780C6N



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Part Number: [EP1S40F780C6N](#)

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

Description IC FPGA 615 I/O 780FBGA

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

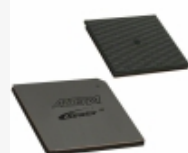
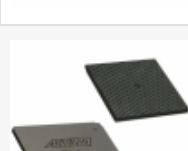
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP1S40F780C6N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 615 I/O 780FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5462 pcs	Data sheet	Stratix Device Handbook Vol 2 780-FBGA 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	3423744	Supplier Device Package	780-FBGA (29x29)
Series	Stratix®	Package / Case	780-BBGA, FCBGA
Operating Temperature	0°C ~ 85°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#: EP1S40F780C7 Description: IC FPGA 615 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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