

Image may be representation.
See specifications for product details.



EP1S40F780I6

Manufacturer Part Number	EP1S40F780I6
Manufacturer	Intel
Allelco Part Number	32D-EP1S40F780I6
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 615 I/O 780FBGA
Package	780-BBGA, FCBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 780-FBGA Pkg Info.pdf Stratix Device Datasheet.pdf Stratix Device Handbook.pdf

Get a Quote

EP1S40F780I6 - Intel.New Original in Stock. Download Linear Technology EP1S40F780I6 datasheet/specifications on AllelcoElec.com.
Request a quote for EP1S40F780I6, please send us email: info@allelco.com

Specifications

EP1S40F780I6 Tech Specifications

EP1S40F780I6 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.425V ~ 1.575V	Number of Logic Elements/Cells	41250
Total RAM Bits	3423744	Number of LABs/CLBs	4125
Supplier Device Package	780-FBGA (29x29)	Number of I/O	615
Series	Stratix®	Mounting Type	Surface Mount
Package / Case	780-BBGA, FCBGA	Base Product Number	EP1S40
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1S40F780I6

Product Attribute				
Part Number	EP1S40F780I6	EP1S60F1020I6	EP1S60F1020I6N	EP1S60B956I7
Manufacturer	Intel	Intel	Intel	Intel
Base Product Number	EP1S40	EP1S60	EP1S60	EP1S60
Number of Logic Elements/Cells	41250	57120	57120	57120
Number of I/O	615	773	773	683
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	4125	5712	5712	5712
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Series	Stratix®	Stratix®	Stratix®	Stratix®
Total RAM Bits	3423744	5215104	5215104	5215104
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Supplier Device Package	780-FBGA (29x29)	1020-FBGA (33x33)	1020-FBGA (33x33)	956-BGA (40x40)
Package / Case	780-BBGA, FCBGA	1020-BBGA	1020-BBGA	956-BBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EP1S40F780I6 Datasheet PDF

Download EP1S40F780I6 pdf datasheets and Intel documentation for EP1S40F780I6 - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

780-FBGA Pkg Info.pdf

Stratix Device Datasheet.pdf

Stratix Device Handbook.pdf

PCN Packaging

All Dev Pkg Chg 1/Aug/2018.pdf

Mult Dev Dessicant Chg 19/Jul/2019.pdf

PCN Design/Specification

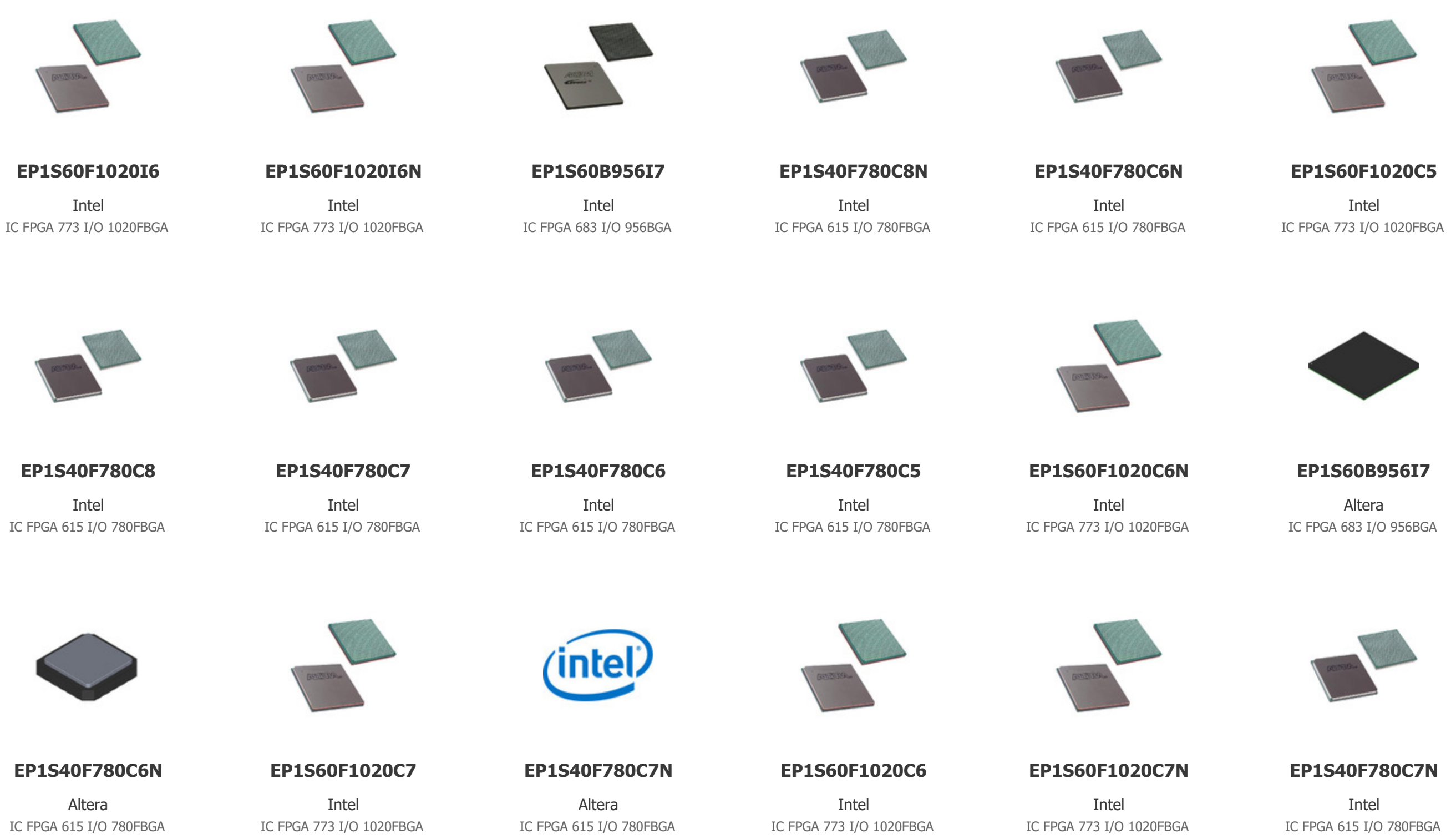
Mult Series Software Chgs 26/Mar/2020.pdf

PCN Obsolescence/ EOL

Mult Device EOL 1/Jun/2017.pdf

Customers Also Interested in

Recommended Products



Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

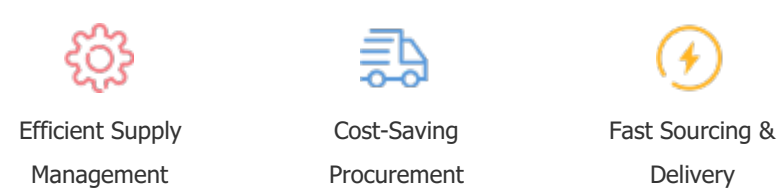
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

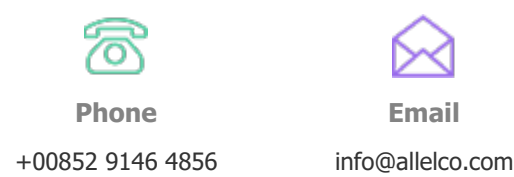
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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