EP1S25F780C7

Manufacturer Part Number	EP1S25F780C7
Manufacturer	Intel
Allelco Part Number	32D-EP1S25F780C7
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 597 I/O 780FBGA
Package	780-BBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf
	780-FBGA Pkg Info.pdf
	Stratix Device Datasheet.pdf
	Stratix Device Handbook.pdf

Image may be representation.
See specifications for product details.

intel

Get a Quote

EP1S25F780C7 - Intel.New Original in Stock. Download Linear Technology EP1S25F780C7 datasheet/specifications on AllelcoElec.com.
Request a quote for EP1S25F780C7, please send us email: info@allelco.com

◢ Specifications

EP1S25F780C7 Tech Specifications
EP1S25F780C7 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.425V ~ 1.575V	Number of Logic Elements/Cells	25660
Total RAM Bits	1944576	Number of LABs/CLBs	2566
Supplier Device Package	780-FBGA (29x29)	Number of I/O	597
Series	Stratix®	Mounting Type	Surface Mount
Package / Case	780-BBGA	Base Product Number	EP1S25
Package	Tray		

◢ Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1S25F780C7

Product Attribute				
Part Number	EP1S25F780C7	EP1S25F672C7N	EP1S25F672C8	EP1S25F780C6N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	780-FBGA (29x29)	672-FBGA (27x27)	672-FBGA (27x27)	780-FBGA (29x29)
Series	Stratix®	Stratix®	Stratix®	Stratix®
Base Product Number	EP1S25	EP1S25	EP1S25	EP1S25
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Number of LABs/CLBs	2566	2566	2566	2566
Number of Logic Elements/Cells	25660	25660	25660	25660
Package / Case	780-BBGA	672-BBGA	672-BBGA	780-BBGA
Package	Tray	Tray	Tray	Tray
Number of I/O	597	473	473	597
Total RAM Bits	1944576	1944576	1944576	1944576

◢ EP1S25F780C7 Datasheet PDF

Download EP1S25F780C7 pdf datasheets and Intel documentation for EP1S25F780C7 - 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	📄 Package Height 03/March/2008.pdf

PCN Obsolescence/ EOL

📄 Cylindrical Battery Holders.pdf

◢ Customers Also Interested in

Recommended Products
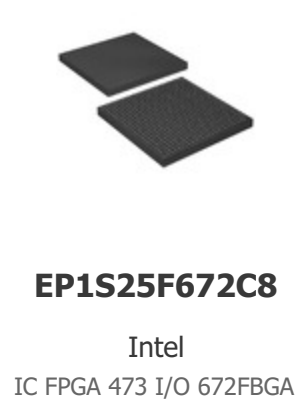
EP1S25F672C7N	EP1S25F672C8	EP1S25F780C6N	EP1S25F672I7N	EP1S30F1020C5	EP1S25F780C6
Intel	Intel	Intel	Intel	Altera	Intel
IC FPGA 473 I/O 672FBGA	IC FPGA 473 I/O 672FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 473 I/O 672FBGA	IC FPGA 726 I/O 1020FBGA	IC FPGA 597 I/O 780FBGA

EP1S30F1020C5	EP1S25F780I6N	EP1S25F672C7	EP1S30F1020C5N	EP1S30B956C5	EP1S25F672I7
Intel	Intel	Intel	Intel	Altera	Intel
IC FPGA 726 I/O 1020FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 473 I/O 672FBGA	IC FPGA 726 I/O 1020FBGA	IC FPGA 683 I/O 956BGA	IC FPGA 473 I/O 672FBGA
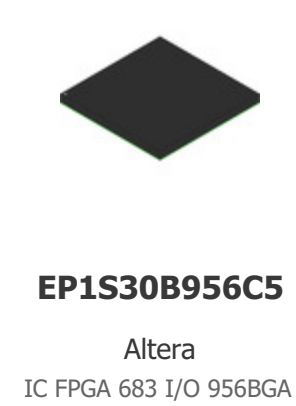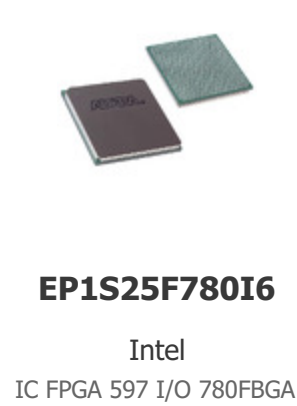
EP1S30B956C5	EP1S25F672C8N	EP1S30F1020C6N	EP1S25F780I6	EP1S25F780C5	EP1S25F780C7N
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 683 I/O 956BGA	IC FPGA 473 I/O 672FBGA	IC FPGA 726 I/O 1020FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA

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

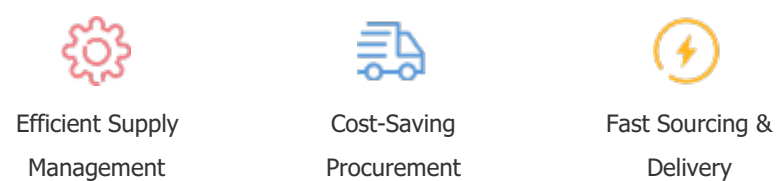| DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD$)
0.00kg-1.00kg	USD$60.00
1.00kg-2.00kg	USD$70.00
2.00kg-3.00kg	USD$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

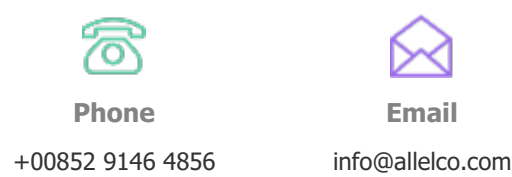Contact us if you have any questions.

Payment Support

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

EAST WEST BANK   MasterCard   VISA

WESTERN UNION   PayPal

Your Faithful Supply Chain Partner -

Efficient Supply Management   Cost-Saving Procurement   Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016   ISO 9001:2015 CERTIFIED COMPANY   ISO 14001:2015 CERTIFIED COMPANY

ISO 28000:2007   IPC Member   SMTA Surface Mount Technology Association

View More

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