Image may be representation.
See specifications for product details.

EP1S20F780C5N

Manufacturer Part Number	EP1S20F780C5N
Manufacturer	Intel
Allelco Part Number	32D-EP1S20F780C5N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 586 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

EP1S20F780C5N - Intel.New Original in Stock. Download Linear Technology EP1S20F780C5N datasheet/specifications on AllelcoElec.com.
Request a quote for EP1S20F780C5N, please send us email: info@allelco.com

Specifications

EP1S20F780C5N Tech Specifications
EP1S20F780C5N - 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	18460
Total RAM Bits	1669248	Number of LABs/CLBs	1846
Supplier Device Package	780-FBGA (29x29)	Number of I/O	586
Series	Stratix®	Mounting Type	Surface Mount
Package / Case	780-BBGA, FCBGA	Base Product Number	EP1S20
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1S20F780C5N

Product Attribute				
Part Number	EP1S20F780C5N	EP1S20F780C6	EP1S20F780I6N	EP1S20F484I6N
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Package / Case	780-BBGA, FCBGA	780-BBGA, FCBGA	780-BBGA, FCBGA	484-BBGA, FCBGA
Number of LABs/CLBs	1846	1846	1846	1846
Number of I/O	586	586	586	361
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Series	Stratix®	Stratix®	Stratix®	Stratix®
Base Product Number	EP1S20	EP1S20	EP1S20	EP1S20
Supplier Device Package	780-FBGA (29x29)	780-FBGA (29x29)	780-FBGA (29x29)	484-FBGA (23x23)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	1669248	1669248	1669248	1669248
Number of Logic Elements/Cells	18460	18460	18460	18460
Package	Tray	Tray	Tray	Tray

EP1S20F780C5N Datasheet PDF

Download EP1S20F780C5N pdf datasheets and Intel documentation for EP1S20F780C5N - 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

EP1S20F780C6

Intel

IC FPGA 586 I/O 780FBGA

EP1S20F780I6N

Intel

IC FPGA 586 I/O 780FBGA

EP1S20F484I6N

Intel

IC FPGA 361 I/O 484FBGA

EP1S25F1020C6

Intel

IC FPGA 706 I/O 1020FBGA

EP1S20F484I6

Intel

IC FPGA 361 I/O 484FBGA

EP1S20F672C7N

Intel

IC FPGA 426 I/O 672FBGA

EP1S25F1020C5N

Intel

IC FPGA 706 I/O 1020FBGA

EP1S20F780C7

Intel

IC FPGA 586 I/O 780FBGA

EP1S20F780C5

Intel

IC FPGA 586 I/O 780FBGA

EP1S20F672I7N

Intel

IC FPGA 426 I/O 672FBGA

EP1S20F484C7

Intel

IC FPGA 361 I/O 484FBGA

EP1S20F672I7

Intel

IC FPGA 426 I/O 672FBGA

EP1S20F672C6N

Intel

IC FPGA 426 I/O 672FBGA

EP1S20F672C7

Intel

IC FPGA 426 I/O 672FBGA

EP1S25F1020C5

Intel

IC FPGA 706 I/O 1020FBGA

EP1S20F780C7N

Intel

IC FPGA 586 I/O 780FBGA

EP1S20F780I6

Intel

IC FPGA 586 I/O 780FBGA

EP1S20F484I7N

Altera (Intel)

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 -

Efficient Supply Management

Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856

Email
info@allelco.com

Certifications & Memberships

View More

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