EP1S10F780C6

Manufacturer Part Number	EP1S10F780C6
Manufacturer	Intel
Allelco Part Number	32D-EP1S10F780C6
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 426 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

EP1S10F780C6 - Intel.New Original in Stock. Download Linear Technology EP1S10F780C6 datasheet/specifications on AllelcoElec.com.
Request a quote for EP1S10F780C6, please send us email: info@allelco.com

Specifications

EP1S10F780C6 Tech Specifications
EP1S10F780C6 - 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	10570
Total RAM Bits	920448	Number of LABs/CLBs	1057
Supplier Device Package	780-FBGA (29x29)	Number of I/O	426
Series	Stratix®	Mounting Type	Surface Mount
Package / Case	780-BBGA	Base Product Number	EP1S10
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1S10F780C6

Product Attribute				
Part Number	EP1S10F780C6	EP1S10F780C5N	EP1S10F780C7N	EP1S20B672C7
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	1057	1057	1057	1846
Total RAM Bits	920448	920448	920448	1669248
Package / Case	780-BBGA	780-BBGA	780-BBGA	672-BBGA
Number of I/O	426	426	426	426
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Series	Stratix®	Stratix®	Stratix®	Stratix®
Supplier Device Package	780-FBGA (29x29)	780-FBGA (29x29)	780-FBGA (29x29)	672-BGA (35x35)
Base Product Number	EP1S10	EP1S10	EP1S10	EP1S20
Number of Logic Elements/Cells	10570	10570	10570	18460
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray

EP1S10F780C6 Datasheet PDF

Download EP1S10F780C6 pdf datasheets and Intel documentation for EP1S10F780C6 - 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

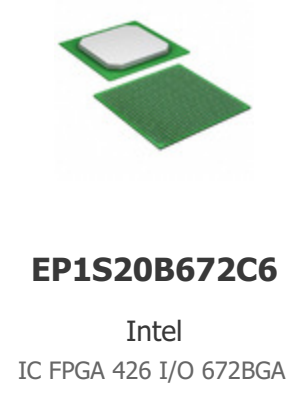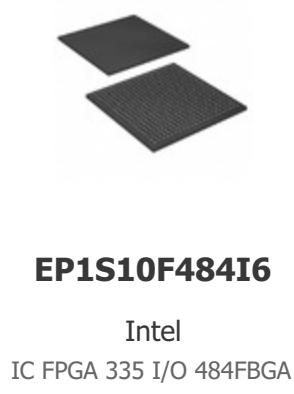Mult Series Software Chgs 26/Mar/2020.pdf

Package Height 03/March/2008.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

EP1S10F780C5N	EP1S10F780C7N	EP1S20B672C7	EP1S10F672C7	EP1S20F484C5N	EP1S10F672C6
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 426 I/O 780FBGA	IC FPGA 426 I/O 780FBGA	IC FPGA 426 I/O 672BGA	IC FPGA 345 I/O 672FBGA	IC FPGA 361 I/O 484FBGA	IC FPGA 345 I/O 672FBGA

EP1S10F672I7	EP1S10F672C7N	EP1S10F484I6	EP1S20B672C6	EP1S10F780I6	EP1S10F780C6N
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 345 I/O 672FBGA	IC FPGA 345 I/O 672FBGA	IC FPGA 335 I/O 484FBGA	IC FPGA 426 I/O 672BGA	IC FPGA 426 I/O 780FBGA	IC FPGA 426 I/O 780FBGA

EP1S10F672I7N	EP1S10F672C6N	EP1S10F484C7N	EP1S10F780C7	EP1S10F780I6N	EP1S10F484I6N
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 345 I/O 672FBGA	IC FPGA 345 I/O 672FBGA	IC FPGA 335 I/O 484FBGA	IC FPGA 426 I/O 780FBGA	IC FPGA 426 I/O 780FBGA	IC FPGA 335 I/O 484FBGA

▣ 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

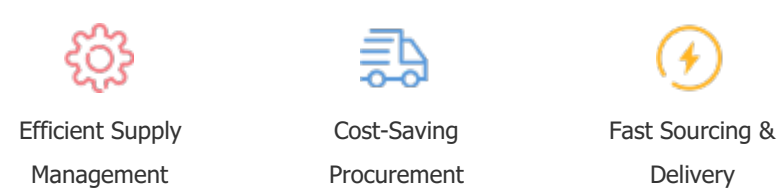| DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD$)
0.00kg-1.00kg	USD$60.00
1.00kg-2.00kg	USD$70.00
2.00kg-3.00kg	USD$80.00

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.
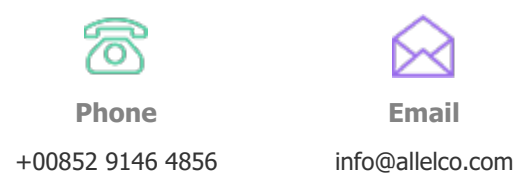
Payment Support

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

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Efficient Supply Management   Cost-Saving Procurement   Fast Sourcing & Delivery

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Phone
+00852 9146 4856

Email
info@allelco.com

Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016   ISO CERTIFIED 9001:2015 COMPANY   ISO CERTIFIED 14001:2015 COMPANY
ISO 28000:2007   IPC Member   SMTA Surface Mount Technology Association

View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com