EP1S30F780C8N

Image may be representation.
See specifications for product details.

Manufacturer Part Number	**EP1S30F780C8N**
Manufacturer	**Intel**
Allelco Part Number	32D-EP1S30F780C8N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 597 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

EP1S30F780C8N - Intel.New Original in Stock. Download Linear Technology EP1S30F780C8N datasheet/specifications on AllelcoElec.com.
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Specifications

EP1S30F780C8N Tech Specifications
EP1S30F780C8N - 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	32470
Total RAM Bits	3317184	Number of LABs/CLBs	3247
Supplier Device Package	780-FBGA (29x29)	Number of I/O	597
Series	Stratix®	Mounting Type	Surface Mount
Package / Case	780-BBGA, FCBGA	Base Product Number	EP1S30
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1S30F780C8N

Product Attribute				
Part Number	EP1S30F780C8N	EP1S40B956C6N	EP1S30F780C7	EP1S30F780C7N
Manufacturer	Intel	Altera	Altera	Intel
Base Product Number	EP1S30	EP1S40	EP1S30	EP1S30
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Series	Stratix®	Stratix®	Stratix®	Stratix®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	32470	-	-	32470
Total RAM Bits	3317184	-	-	3317184
Number of LABs/CLBs	3247	-	-	3247
Supplier Device Package	780-FBGA (29x29)	956-BGA (40x40)	780-FBGA (29x29)	780-FBGA (29x29)
Number of I/O	597	683	597	597
Package / Case	780-BBGA, FCBGA	956-BBGA	780-BBGA, FCBGA	780-BBGA, FCBGA
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Bulk	Bulk	Tray

EP1S30F780C8N Datasheet PDF

Download EP1S30F780C8N pdf datasheets and Intel documentation for EP1S30F780C8N - 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
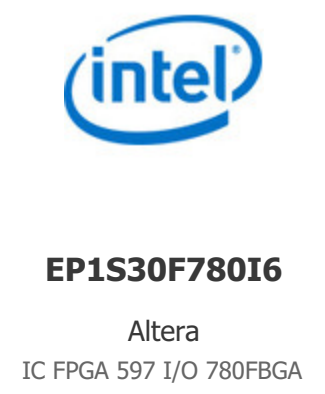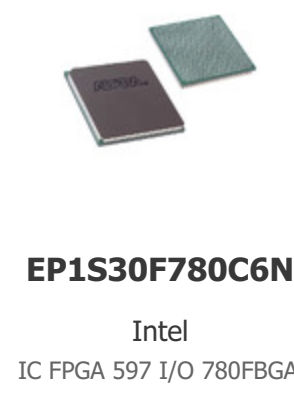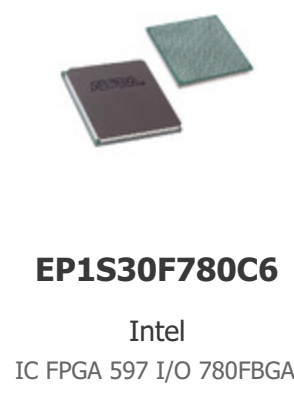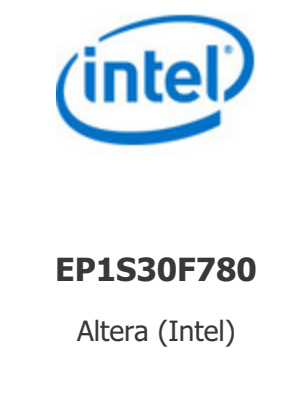
Mult Series Software Chgs 26/Mar/2020.pdf

Package Height 03/March/2008.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

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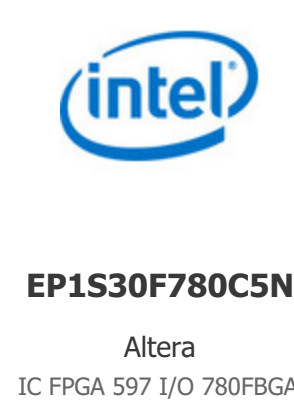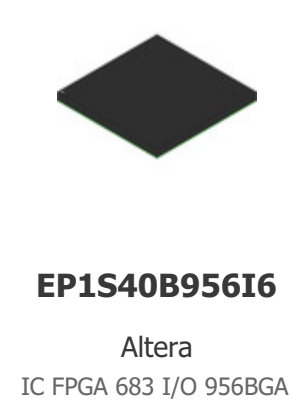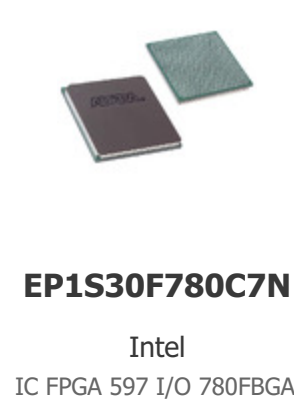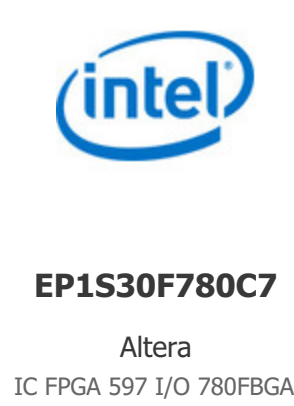|					
EP1S40B956C6N	**EP1S30F780C7**	**EP1S30F780C7N**	**EP1S40B956I6**	**EP1S30F780C5N**	**EP1S30F780C5**
Altera	Altera	Intel	Altera	Altera	Intel
IC FPGA 683 I/O 956BGA	IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 683 I/O 956BGA	IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA
EP1S30F780C5N	**EP1S30F780**	**EP1S30F780I6**	**EP1S30F780C6**	**EP1S30F780C6N**	**EP1S30F780I6**
Intel	Altera (Intel)	Intel	Intel	Intel	Altera
IC FPGA 597 I/O 780FBGA		IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA	IC FPGA 597 I/O 780FBGA
EP1S30F780C7	**EP1S40B956C6**	**EP1S30F780C8**	**EP1S40B956C6**	**EP1S40B956C6N**	**EP1S30F780I6N**
Intel	Altera	Intel	Intel	Intel	Intel
IC FPGA 597 I/O 780FBGA	IC FPGA 683 I/O 956BGA	IC FPGA 597 I/O 780FBGA	IC FPGA 683 I/O 956BGA	IC FPGA 683 I/O 956BGA	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

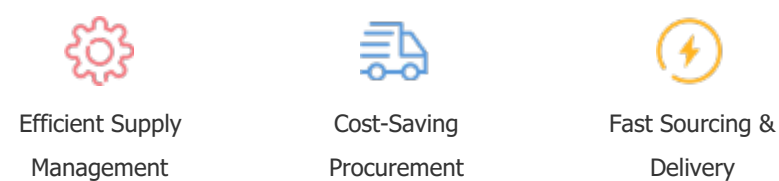| DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	**Reference DHL(USD$)**
0.00kg-1.00kg	USD$60.00
1.00kg-2.00kg	USD$70.00
2.00kg-3.00kg	USD$80.00

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

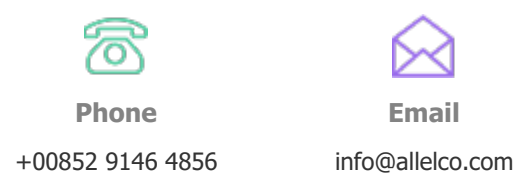Contact us if you have any questions.

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 -

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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

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