

Image may be representation.  
See specifications for product details.



## EP1SGX10CF672C7N

Manufacturer Part Number **EP1SGX10CF672C7N**

Manufacturer **Intel**

Allelco Part Number **32D-EP1SGX10CF672C7N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 362 I/O 672FBGA**

Package **672-BBGA**

Data sheet **[Virtual JTAG Megafuntion Guide.pdf](#)**

**[Stratix GX FPGA Family Datasheet.pdf](#)**

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EP1SGX10CF672C7N - Intel.New Original in Stock. Download Linear Technology EP1SGX10CF672C7N datasheet/specifications on AllelcoElec.com.  
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### Specifications

EP1SGX10CF672C7N Tech Specifications

EP1SGX10CF672C7N - 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	672-FBGA (27x27)	Number of I/O	362
Series	Stratix® GX	Mounting Type	Surface Mount
Package / Case	672-BBGA	Base Product Number	EP1SGX10
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1SGX10CF672C7N

Product Attribute				
Part Number	EP1SGX10CF672C7N	EP1S80F1020C7	EP1SGX10DF672I6	EP1S80F1020C5N
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	672-BBGA	1020-BBGA	672-BBGA	1020-BBGA
Number of I/O	362	773	362	773
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	10570	79040	10570	79040
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	672-FBGA (27x27)	1020-FBGA (33x33)	672-FBGA (27x27)	1020-FBGA (33x33)
Base Product Number	EP1SGX10	EP1S80	EP1SGX10	EP1S80
Number of LABs/CLBs	1057	7904	1057	7904
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	920448	7427520	920448	7427520
Series	Stratix® GX	Stratix®	Stratix® GX	Stratix®

### EP1SGX10CF672C7N Datasheet PDF

Download EP1SGX10CF672C7N pdf datasheets and Intel documentation for EP1SGX10CF672C7N - Intel.

#### Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Stratix GX FPGA Family Datasheet.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 Assembly/Origin

[Wafer Bump Transfer 06/Feb/2015.pdf](#)

#### PCN Obsolescence/ EOL

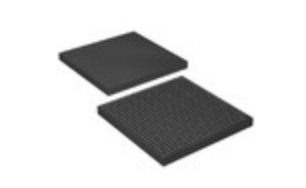
[Mult Device EOL 1/Jun/2017.pdf](#)

### Customers Also Interested in

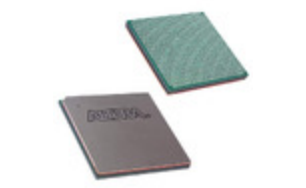
#### Recommended Products



**EP1S80F1020C7**  
Intel  
IC FPGA 773 I/O 1020FBGA



**EP1SGX10DF672I6**  
Intel  
IC FPGA 362 I/O 672FBGA



**EP1S80F1020C5N**  
Intel  
IC FPGA 773 I/O 1020FBGA



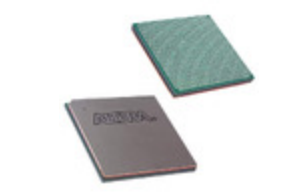
**EP1SGX25CF672C5**  
Altera  
IC FPGA 455 I/O 672FBGA



**EP1SGX25CF672C6N**  
Intel  
IC FPGA 455 I/O 672FBGA



**EP1SGX25CF672C7**  
Intel  
IC FPGA 455 I/O 672FBGA



**EP1S80F1020C6**  
Intel  
IC FPGA 773 I/O 1020FBGA



**EP1SGX10CF672C6N**  
Intel  
IC FPGA 362 I/O 672FBGA



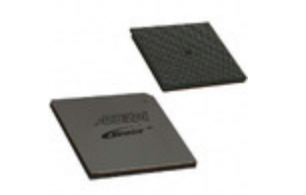
**EP1S80F1508C7**  
Intel  
IC FPGA 1203 I/O 1508FBGA



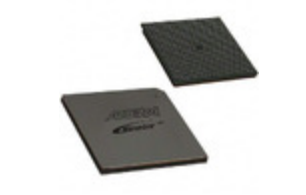
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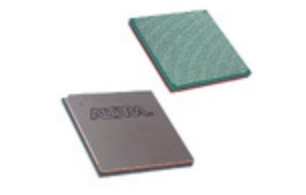
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Altera  
IC FPGA 773 I/O 1020FBGA



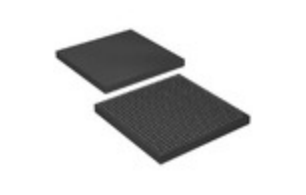
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IC FPGA 1203 I/O 1508FBGA



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Intel  
IC FPGA 1203 I/O 1508FBGA



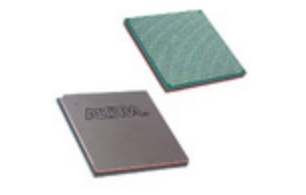
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Intel  
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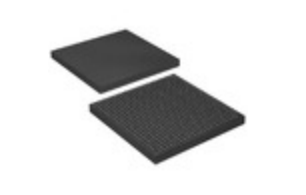
**EP1SGX10DF672C7**  
Intel  
IC FPGA 362 I/O 672FBGA



**EP1SGX25CF672C7**  
Altera  
IC FPGA 455 I/O 672FBGA



**EP1S80F1020I7N**  
Intel  
IC FPGA 773 I/O 1020FBGA



**EP1SGX25CF672C5**  
Intel  
IC FPGA 455 I/O 672FBGA

## 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

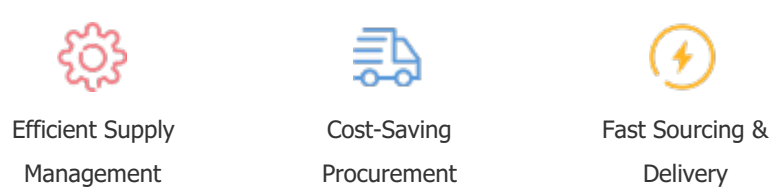
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

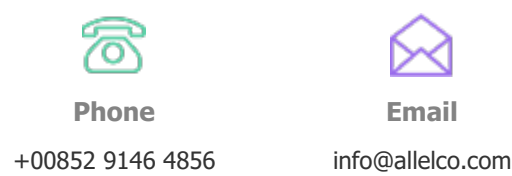
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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