

Image may be representation.
See specifications for product details.



EP1SGX25DF1020C6

Manufacturer Part Number **EP1SGX25DF1020C6**

Manufacturer **Intel**

Allelco Part Number **32D-EP1SGX25DF1020C6**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 607 I/O 1020FBGA**

Package **1020-BBGA**

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

[896-FBGA Pkg Info.pdf](#)

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

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EP1SGX25DF1020C6 - Intel.New Original in Stock. Download Linear Technology EP1SGX25DF1020C6 datasheet/specifications on AllelcoElec.com.
Request a quote for EP1SGX25DF1020C6, please send us email: info@allelco.com

Specifications

EP1SGX25DF1020C6 Tech Specifications
EP1SGX25DF1020C6 - 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	1020-FBGA (33x33)	Number of I/O	607
Series	Stratix® GX	Mounting Type	Surface Mount
Package / Case	1020-BBGA	Base Product Number	EP1SGX25
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1SGX25DF1020C6

Product Attribute				
Part Number	EP1SGX25DF1020C6	EP1SGX25CF672C7	EP1SGX25DF672C7	EP1SGX25CF672C6N
Manufacturer	Intel	Altera	Altera	Intel
Number of I/O	607	455	455	455
Package / Case	1020-BBGA	672-BBGA, FCBGA	672-BGA	672-BBGA
Package	Tray	Bulk	Bulk	Tray
Number of LABs/CLBs	2566	-	2566	2566
Number of Logic Elements/Cells	25660	-	25660	25660
Base Product Number	EP1SGX25	EP1SGX25	-	EP1SGX25
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Supplier Device Package	1020-FBGA (33x33)	672-FBGA (27x27)	672-FBGA (27x27)	672-FBGA (27x27)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	1944576	-	1944576	1944576
Series	Stratix® GX	Stratix® GX	Stratix® GX	Stratix® GX

EP1SGX25DF1020C6 Datasheet PDF

Download EP1SGX25DF1020C6 pdf datasheets and Intel documentation for EP1SGX25DF1020C6 - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[896-FBGA Pkg Info.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](#)

[Stratix Dev Sub Material REV 22/Dec/2017.pdf](#)

Customers Also Interested in

Recommended Products

EP1SGX25CF672C7
Altera
IC FPGA 455 I/O 672FBGA

EP1SGX25DF672C7
Altera
IC FPGA 455 I/O 672FBGA

EP1SGX25CF672C6N
Intel
IC FPGA 455 I/O 672FBGA

EP1SGX25CF672C5
Intel
IC FPGA 455 I/O 672FBGA

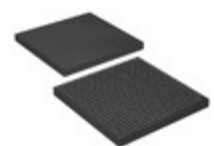
EP1SGX25CF672C7
Intel
IC FPGA 455 I/O 672FBGA

EP1SGX10DF672I6
Intel
IC FPGA 362 I/O 672FBGA



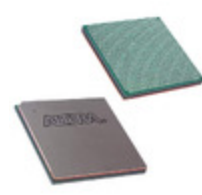
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Altera
IC FPGA 455 I/O 672FBGA



EP1SGX25DF672C7N

Intel
IC FPGA 455 I/O 672FBGA



EP1SGX25DF1020C7

Intel
IC FPGA 607 I/O 1020FBGA



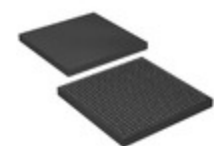
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Altera
IC FPGA 455 I/O 672FBGA



EP1SGX25CF672C7N

Intel
IC FPGA 455 I/O 672FBGA



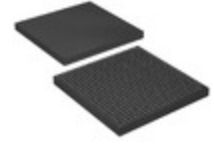
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Intel
IC FPGA 455 I/O 672FBGA



EP1SGX25CF672C7N

Altera
IC FPGA 455 I/O 672FBGA



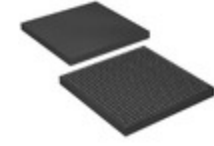
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Intel
IC FPGA 455 I/O 672FBGA



EP1SGX25DF1020C7

Altera
IC FPGA 607 I/O 1020FBGA



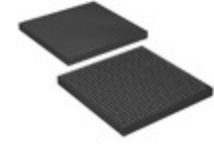
EP1SGX10DF672I6N

Intel
IC FPGA 362 I/O 672FBGA



EP1SGX25DF672C5N

Intel
IC FPGA 455 I/O 672FBGA



EP1SGX25DF672C7

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.



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Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Email

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Certifications & Memberships



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