

Image may be representation.
See specifications for product details.



EP2SGX60EF1152C3N

Manufacturer Part Number	EP2SGX60EF1152C3N
Manufacturer	Intel
Allelco Part Number	32D-EP2SGX60EF1152C3N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 534 I/O 1152FBGA
Package	1152-BBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 1152-FBGA Pkg Info.pdf Stratix II GX Device Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP2SGX60EF1152C3N - Intel.New Original in Stock. Download Linear Technology EP2SGX60EF1152C3N datasheet/specifications on AllelcoElec.com.
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Specifications

EP2SGX60EF1152C3N Tech Specifications
EP2SGX60EF1152C3N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	60440
Total RAM Bits	2544192	Number of LABs/CLBs	3022
Supplier Device Package	1152-FBGA (35x35)	Number of I/O	534
Series	Stratix® II GX	Mounting Type	Surface Mount
Package / Case	1152-BBGA	Base Product Number	EP2SGX60
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2SGX60EF1152C3N

Product Attribute				
Part Number	EP2SGX60EF1152C3N	EP2SGX60EF1152C4N	EP2SGX60DF780C3N	EP2SGX60EF1152C5N
Manufacturer	Intel	Intel	Intel	Intel
Number of I/O	534	534	364	534
Number of Logic Elements/Cells	60440	60440	60440	60440
Package / Case	1152-BBGA	1152-BBGA	780-BBGA	1152-BBGA
Number of LABs/CLBs	3022	3022	3022	3022
Supplier Device Package	1152-FBGA (35x35)	1152-FBGA (35x35)	780-FBGA (29x29)	1152-FBGA (35x35)
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Total RAM Bits	2544192	2544192	2544192	2544192
Base Product Number	EP2SGX60	EP2SGX60	EP2SGX60	EP2SGX60
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Stratix® II GX	Stratix® II GX	Stratix® II GX	Stratix® II GX

EP2SGX60EF1152C3N Datasheet PDF

Download EP2SGX60EF1152C3N pdf datasheets and Intel documentation for EP2SGX60EF1152C3N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [1152-FBGA Pkg Info.pdf](#)

PCN Design/Specification

- [Cylindrical Battery Holders.pdf](#)

PCN Packaging

- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Obsolescence/ EOL

- [Mult Dev Add Subs 6/Sep/2019.pdf](#)
- [Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Other

- [Readiness Plan Update 3/Apr/2020.pdf](#)

PCN Part Status Change

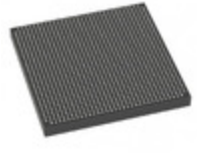

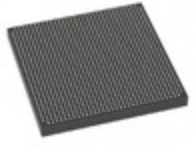
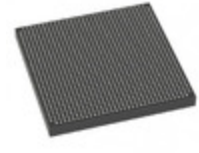

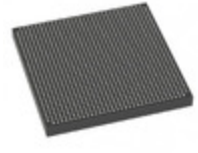



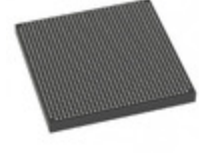
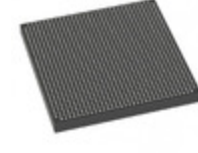
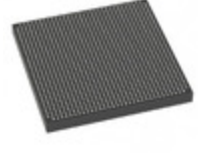


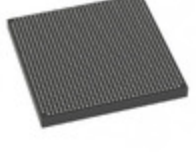
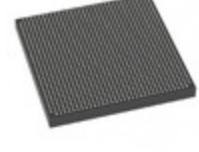


2.73KHz.pdf

HTML Datasheet

Stratix II GX Device Handbook.pdf

Customers Also Interested in

Recommended Products

 EP2SGX60EF1152C4N Intel IC FPGA 534 I/O 1152FBGA	 EP2SGX60DF780C3N Intel IC FPGA 364 I/O 780FBGA	 EP2SGX60EF1152C5N Intel IC FPGA 534 I/O 1152FBGA	 EP2SGX90EF1152C3 Intel IC FPGA 558 I/O 1152FBGA	 EP2SGX60DF780C4 Intel IC FPGA 364 I/O 780FBGA	 EP2SGX60EF1152C3 Intel IC FPGA 534 I/O 1152FBGA
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 EP2SGX60DF780I4N Intel IC FPGA 364 I/O 780FBGA	 EP2SGX60EF1152C5 Altera IC FPGA 534 I/O 1152FBGA	 EP2SGX60EF1152I4 Intel IC FPGA 534 I/O 1152FBGA	 EP2SGX90EF1152C3N Intel IC FPGA 558 I/O 1152FBGA	 EP2SGX60DF780I4 Intel IC FPGA 364 I/O 780FBGA	 EP2SGX60CF780C5N Intel IC FPGA 364 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.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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