

Image may be representation.
See specifications for product details.



EP1AGX90EF1152C6N

Manufacturer Part Number	EP1AGX90EF1152C6N
Manufacturer	Intel
Allelco Part Number	32D-EP1AGX90EF1152C6N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 538 I/O 1152FBGA
Package	1152-BBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 1152-FBGA Pkg Info.pdf Arria GX Device Handbook.pdf EP1AGX Arria GX.pdf
RoHS Status	RoHS Compliant

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EP1AGX90EF1152C6N - Intel.New Original in Stock. Download Linear Technology EP1AGX90EF1152C6N datasheet/specifications on AllelcoElec.com.
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Specifications

EP1AGX90EF1152C6N Tech Specifications
EP1AGX90EF1152C6N - 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	90220
Total RAM Bits	4477824	Number of LABs/CLBs	4511
Supplier Device Package	1152-FBGA (35x35)	Number of I/O	538
Series	Arria GX	Mounting Type	Surface Mount
Package / Case	1152-BBGA	Base Product Number	EP1AGX90
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1AGX90EF1152C6N

Product Attribute				
Part Number	EP1AGX90EF1152C6N	EP1AGX90EF1152C6	EP1C12F256C8	EP1AGX90EF1152I6N
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	EP1AGX90	EP1AGX90	EP1C12	EP1AGX90
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.425V ~ 1.575V	1.15V ~ 1.25V
Supplier Device Package	1152-FBGA (35x35)	1152-FBGA (35x35)	256-FBGA (17x17)	1152-FBGA (35x35)
Total RAM Bits	4477824	4477824	239616	4477824
Number of Logic Elements/Cells	90220	90220	12060	90220
Package / Case	1152-BBGA	1152-BBGA	256-BGA	1152-BBGA
Number of LABs/CLBs	4511	4511	1206	4511
Package	Tray	Tray	Tray	Tray
Number of I/O	538	538	185	538
Series	Arria GX	Arria GX	Cyclone®	Arria GX
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)

EP1AGX90EF1152C6N Datasheet PDF

Download EP1AGX90EF1152C6N pdf datasheets and Intel documentation for EP1AGX90EF1152C6N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [1152-FBGA Pkg Info.pdf](#)
- [Arria GX Device Handbook.pdf](#)
- [EP1AGX Arria GX.pdf](#)

PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)

PCN Packaging

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

PCN Obsolescence/ EOL

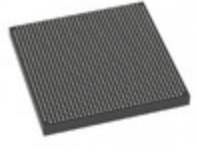
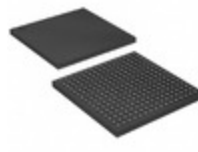
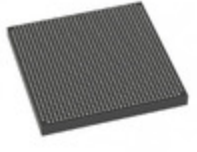
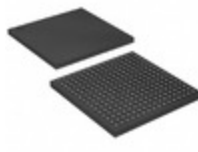
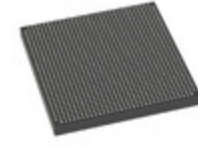
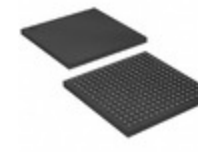



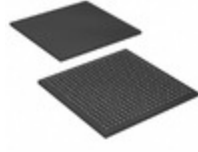
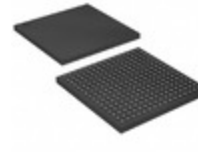

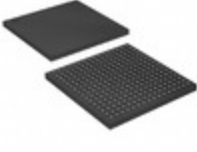
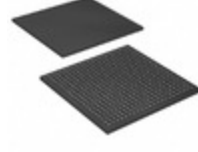
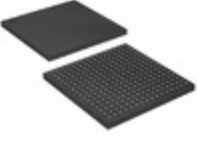
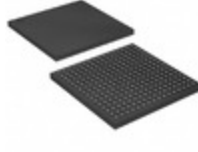


- [Mult Dev Add Subs 6/Sep/2019.pdf](#)
- [Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Other

PCN Part Status Change

Customers Also Interested in

Recommended Products

 EP1AGX90EF1152C6 Intel IC FPGA 538 I/O 1152FBGA	 EP1C12F256C8 Intel IC FPGA 185 I/O 256FBGA	 EP1AGX90EF1152I6N Intel IC FPGA 538 I/O 1152FBGA	 EP1C12F256C8N Intel IC FPGA 185 I/O 256FBGA	 EP1AGX60EF1152C6N Intel IC FPGA 514 I/O 1152FBGA	 EP1C12F256C7 Intel IC FPGA 185 I/O 256FBGA
 EP1AGX50DF780I6N Intel IC FPGA 350 I/O 780FBGA	 EP1AGX60DF780I6N Intel IC FPGA 350 I/O 780FBGA	 EP1AGX50DF780I6N Altera IC FPGA 350 I/O 780FBGA	 EP1AGX60CF484C6N Intel IC FPGA 229 I/O 484FBGA	 EP1C12F256C6N Intel IC FPGA 185 I/O 256FBGA	 EP1AGX60DF780C6N Intel IC FPGA 350 I/O 780FBGA
 EP1C12F256C6 Intel IC FPGA 185 I/O 256FBGA	 EP1AGX60CF484I6N Intel IC FPGA 229 I/O 484FBGA	 EP1C12F256I7 Intel IC FPGA 185 I/O 256FBGA	 EP1C12F256C7N Intel IC FPGA 185 I/O 256FBGA	 EP1AGX60DF780C6N Altera FIELD PROGRAMMABLE GATE ARRAY, 6	 EP1C12F256I6 Altera (Intel)

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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Contact us if you have any questions.

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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