

Image may be representation.  
See specifications for product details.



## EP2AGX190FF35I5

Manufacturer Part Number	<b>EP2AGX190FF35I5</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP2AGX190FF35I5
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 612 I/O 1152FBGA
Package	1152-BBGA, FCBGA
Data sheet	<b>Virtual JTAG Megafuntion Guide.pdf</b> <b>Arria II Device Handbook Vol 1.pdf</b>

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### Specifications

EP2AGX190FF35I5 Tech Specifications

EP2AGX190FF35I5 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	0.87V ~ 0.93V	Number of Logic Elements/Cells	181165
Total RAM Bits	10177536	Number of LABs/CLBs	7612
Supplier Device Package	1152-FBGA (35x35)	Number of I/O	612
Series	Arria II GX	Mounting Type	Surface Mount
Package / Case	1152-BBGA, FCBGA	Base Product Number	EP2AGX190
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2AGX190FF35I5

Product Attribute				
Part Number	EP2AGX190FF35I5	EP2AGX190FF35C4G	EP2AGX190EF29I5G	EP2AGX260FF35C6G
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Arria II GX	Arria II GX	Arria II GX	Arria II GX
Number of LABs/CLBs	7612	7612	7612	10260
Number of I/O	612	612	372	612
Supplier Device Package	1152-FBGA (35x35)	1152-FBGA (35x35)	780-FBGA (29x29)	1152-FBGA (35x35)
Package	Tray	Tray	Tray	Tray
Total RAM Bits	10177536	10177536	10177536	12038144
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP2AGX190	EP2AGX190	EP2AGX190	EP2AGX260
Number of Logic Elements/Cells	181165	181165	181165	244188
Package / Case	1152-BBGA, FCBGA	1152-BBGA, FCBGA	780-BBGA, FCBGA	1152-BBGA, FCBGA

### EP2AGX190FF35I5 Datasheet PDF

Download EP2AGX190FF35I5 pdf datasheets and Intel documentation for EP2AGX190FF35I5 - Intel.

#### Datasheets

- Virtual JTAG Megafuntion Guide.pdf
- Arria II Device Handbook Vol 1.pdf

#### Errata

- 2.73KHz.pdf

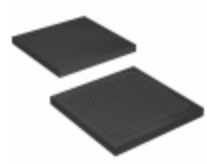
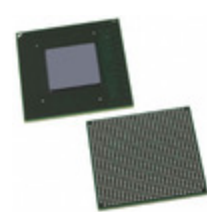
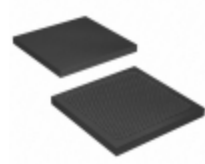
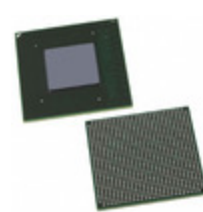
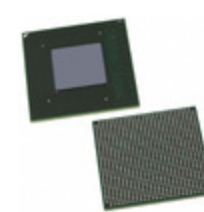
#### Manuals

- 2.73KHz.pdf

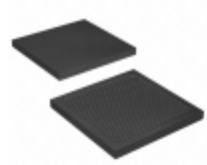
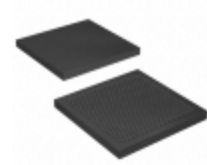
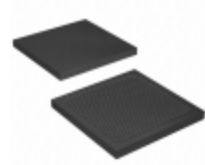
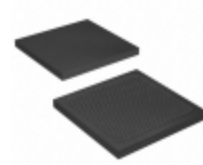
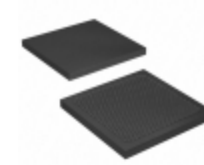
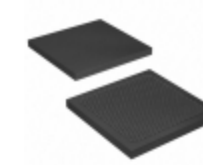
### Customers Also Interested in

#### Recommended Products

- EP2AGX190FF35C4G**  
Intel  
IC FPGA 612 I/O 1152FBGA
- EP2AGX190EF29I5G**  
Intel  
IC FPGA 372 I/O 780FBGA
- EP2AGX260FF35C6G**  
Intel  
IC FPGA 612 I/O 1152FBGA
- EP2AGX190EF29I3N**  
Intel  
IC FPGA 372 I/O 780FBGA
- EP2AGX190FF35C6N**  
Intel  
IC FPGA 612 I/O 1152FBGA
- EP2AGX260EF29C6N**  
Intel  
IC FPGA 372 I/O 780FBGA

**EP2AGX190FF35I3N**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX260EF29I3N**Intel  
IC FPGA 372 I/O 780FBGA**EP2AGX190FF35I5N**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX260EF29I5N**Intel  
IC FPGA 372 I/O 780FBGA**EP2AGX190EF29I5N**Intel  
IC FPGA 372 I/O 780FBGA**EP2AGX260EF35AA**

Altera (Intel)

**EP2AGX190FF35I3G**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX260FF35C4N**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX190FF35C4N**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX260FF35C6N**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX190FF35C5N**Intel  
IC FPGA 612 I/O 1152FBGA**EP2AGX260FF35C5G**Intel  
IC FPGA 612 I/O 1152FBGA

## 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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