

Image may be representation.  
See specifications for product details.



## EP2AGX190FF35I5N

Manufacturer Part Number **EP2AGX190FF35I5N**

Manufacturer **Intel**

Allelco Part Number **32D-EP2AGX190FF35I5N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 612 I/O 1152FBGA**

Package **1152-BBGA, FCBGA**

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

[Arria II Device Handbook Vol 3.pdf](#)

RoHs Status **RoHS Compliant**

**Get a Quote**

EP2AGX190FF35I5N - Intel.New Original in Stock. Download Linear Technology EP2AGX190FF35I5N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP2AGX190FF35I5N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP2AGX190FF35I5N Tech Specifications  
EP2AGX190FF35I5N - 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 EP2AGX190FF35I5N

| Product Attribute              |                    |                    |                   |                   |
|--------------------------------|--------------------|--------------------|-------------------|-------------------|
| Part Number                    | EP2AGX190FF35I5N   | EP2AGX260EF29I5N   | EP2AGX260FF35C6G  | EP2AGX190FF35C5N  |
| Manufacturer                   | Intel              | Intel              | Intel             | Intel             |
| Supplier Device Package        | 1152-FBGA (35x35)  | 780-FBGA (29x29)   | 1152-FBGA (35x35) | 1152-FBGA (35x35) |
| Total RAM Bits                 | 10177536           | 12038144           | 12038144          | 10177536          |
| Package                        | Tray               | Tray               | Tray              | Tray              |
| Number of I/O                  | 612                | 372                | 612               | 612               |
| Number of Logic Elements/Cells | 181165             | 244188             | 244188            | 181165            |
| Number of LABs/CLBs            | 7612               | 10260              | 10260             | 7612              |
| Base Product Number            | EP2AGX190          | EP2AGX260          | EP2AGX260         | EP2AGX190         |
| Series                         | Arria II GX        | Arria II GX        | Arria II GX       | Arria II GX       |
| Mounting Type                  | Surface Mount      | Surface Mount      | Surface Mount     | Surface Mount     |
| Operating Temperature          | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ)   | 0°C ~ 85°C (TJ)   |
| Package / Case                 | 1152-BBGA, FCBGA   | 780-BBGA, FCBGA    | 1152-BBGA, FCBGA  | 1152-BBGA, FCBGA  |
| Voltage - Supply               | 0.87V ~ 0.93V      | 0.87V ~ 0.93V      | 0.87V ~ 0.93V     | 0.87V ~ 0.93V     |

### EP2AGX190FF35I5N Datasheet PDF

Download EP2AGX190FF35I5N pdf datasheets and Intel documentation for EP2AGX190FF35I5N - Intel.

#### Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Arria II Device Handbook Vol 3.pdf](#)

#### Errata

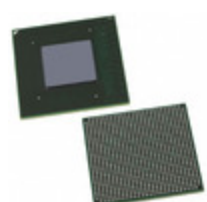
- [2.73KHz.pdf](#)

#### Manuals

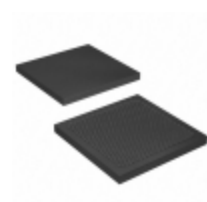
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### Customers Also Interested in

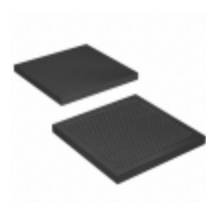
#### Recommended Products



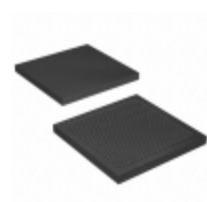
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Intel  
IC FPGA 372 I/O 780FBGA



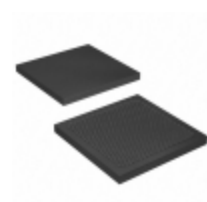
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Intel  
IC FPGA 612 I/O 1152FBGA



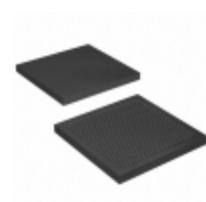
**EP2AGX190FF35C5N**  
Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX260FF35I3N**  
Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX260FF35C4N**  
Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX190FF35I5**  
Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX190FF35C6N**  
Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX190EF29I5N**  
Intel  
IC FPGA 372 I/O 780FBGA



**EP2AGX190FF35C4N**  
Intel  
IC FPGA 612 I/O 1152FBGA



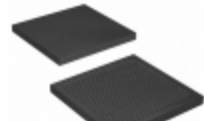
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Intel  
IC FPGA 612 I/O 1152FBGA



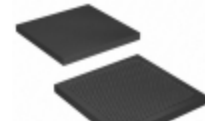
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Intel  
IC FPGA 612 I/O 1152FBGA



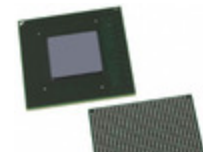
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Intel  
IC FPGA 612 I/O 1152FBGA



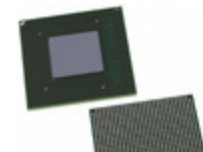
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Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX260FF35C6N**  
Intel  
IC FPGA 612 I/O 1152FBGA



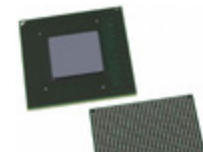
**EP2AGX190EF29I5G**  
Intel  
IC FPGA 372 I/O 780FBGA



**EP2AGX260EF29C6N**  
Intel  
IC FPGA 372 I/O 780FBGA



**EP2AGX260EF35AA**  
Altera (Intel)



**EP2AGX260EF29I3N**  
Intel  
IC FPGA 372 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           |

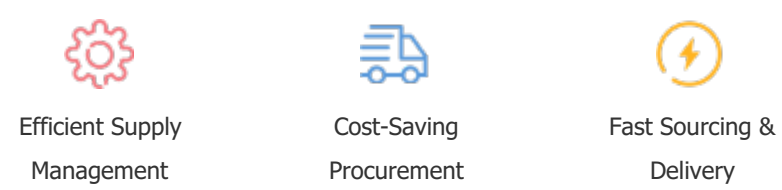
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

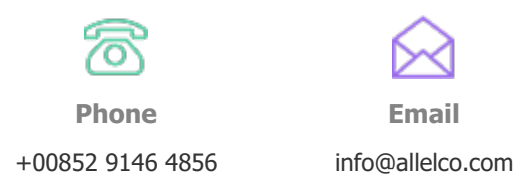
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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