

Image may be representation.  
See specifications for product details.



## EP2AGX190FF35C4N

Manufacturer Part Number **EP2AGX190FF35C4N**

Manufacturer **Intel**

Allelco Part Number **32D-EP2AGX190FF35C4N**

ECAD Model PCB Symbol, Footprint & 3D Model

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

Package **1152-BBGA, FCBGA**

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

[Arria II Device Family Overview.pdf](#)

[Arria II Device Family Overview.pdf](#)

RoHs Status RoHS Compliant

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### Specifications

EP2AGX190FF35C4N Tech Specifications

EP2AGX190FF35C4N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°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 EP2AGX190FF35C4N

Product Attribute				
Part Number	EP2AGX190FF35C4N	EP2AGX190FF35C5N	EP2AGX190FF35I3N	EP2AGX125EF35I5G
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V
Number of LABs/CLBs	7612	7612	7612	4964
Total RAM Bits	10177536	10177536	10177536	8315904
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	612	612	612	452
Package / Case	1152-BBGA, FCBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA
Series	Arria II GX	Arria II GX	Arria II GX	Arria II GX
Supplier Device Package	1152-FBGA (35x35)	1152-FBGA (35x35)	1152-FBGA (35x35)	1152-FBGA (35x35)
Number of Logic Elements/Cells	181165	181165	181165	118143
Base Product Number	EP2AGX190	EP2AGX190	EP2AGX190	EP2AGX125
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)

### EP2AGX190FF35C4N Datasheet PDF

Download EP2AGX190FF35C4N pdf datasheets and Intel documentation for EP2AGX190FF35C4N - Intel.

#### Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Arria II Device Family Overview.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 28/Feb/2019.pdf](#)
- [Mult Dev EOL REV 2/Aug/2019.pdf](#)

#### PCN Other

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

#### PCN Design/Specification

- [Laser Marking 05/Oct/2018.pdf](#)

#### Errata

Arria II GX Errata.pdf

## HTML Datasheet

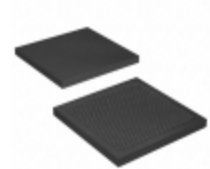
Arria II Device Family Overview.pdf

## Manuals

Arria II Device Handbook.pdf

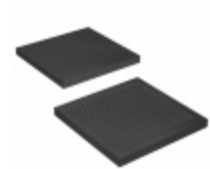
## Customers Also Interested in

### Recommended Products



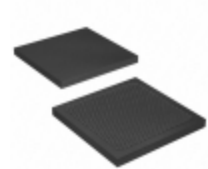
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Intel  
IC FPGA 612 I/O 1152FBGA



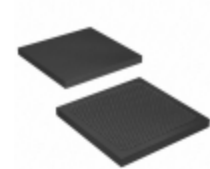
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Intel  
IC FPGA 612 I/O 1152FBGA



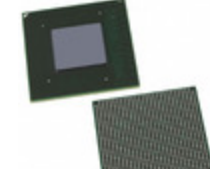
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Intel  
IC FPGA 452 I/O 1152FBGA



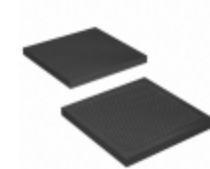
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Intel  
IC FPGA 612 I/O 1152FBGA



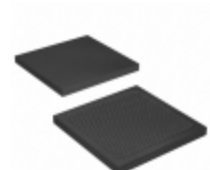
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Intel  
IC FPGA 372 I/O 780FBGA



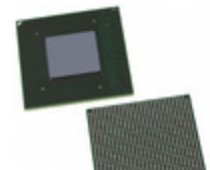
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Intel  
IC FPGA 612 I/O 1152FBGA



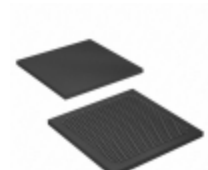
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Intel  
IC FPGA 612 I/O 1152FBGA



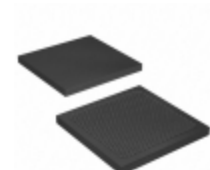
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Intel  
IC FPGA 372 I/O 780FBGA



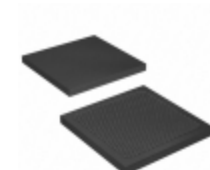
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Intel  
IC FPGA 372 I/O 780FBGA



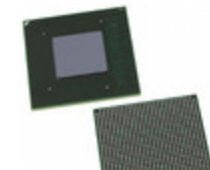
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Intel  
IC FPGA 612 I/O 1152FBGA



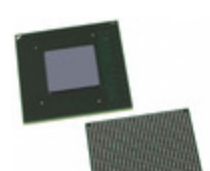
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IC FPGA 452 I/O 1152FBGA



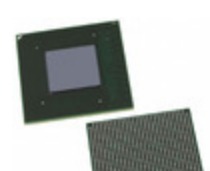
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Intel  
IC FPGA 372 I/O 780FBGA



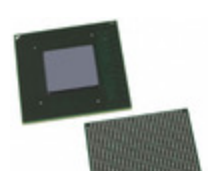
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Intel  
IC FPGA 372 I/O 780FBGA



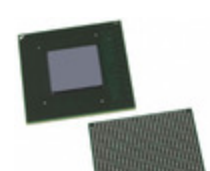
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Intel  
IC FPGA 372 I/O 780FBGA



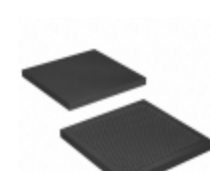
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Intel  
IC FPGA 372 I/O 780FBGA



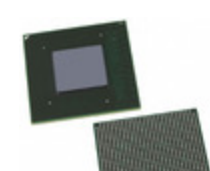
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Intel  
IC FPGA 372 I/O 780FBGA



**EP2AGX190FF35C6N**

Intel  
IC FPGA 612 I/O 1152FBGA



**EP2AGX260EF29C6N**

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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