

Image may be representation.
See specifications for product details.



EP2AGX190FF35C5N

Manufacturer Part Number **EP2AGX190FF35C5N**

Manufacturer **Intel**

Allelco Part Number **32D-EP2AGX190FF35C5N**

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 1.pdf](#)

[Cylindrical Battery Holders.pdf](#)

RoHs Status **RoHS Compliant**

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Specifications

EP2AGX190FF35C5N Tech Specifications

EP2AGX190FF35C5N - 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 EP2AGX190FF35C5N

Product Attribute				
Part Number	EP2AGX190FF35C5N	EP2AGX260EF29C6N	EP2AGX190FF35I3N	EP2AGX190EF29C6N
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	7612	10260	7612	7612
Total RAM Bits	10177536	12038144	10177536	10177536
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V
Package / Case	1152-BBGA, FCBGA	780-BBGA, FCBGA	1152-BBGA, FCBGA	780-BBGA, FCBGA
Number of I/O	612	372	612	372
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP2AGX190	EP2AGX260	EP2AGX190	EP2AGX190
Number of Logic Elements/Cells	181165	244188	181165	181165
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Supplier Device Package	1152-FBGA (35x35)	780-FBGA (29x29)	1152-FBGA (35x35)	780-FBGA (29x29)
Series	Arria II GX	Arria II GX	Arria II GX	Arria II GX

EP2AGX190FF35C5N Datasheet PDF

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Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Arria II Device Handbook Vol 1.pdf](#)

Errata

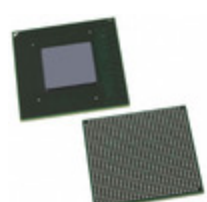
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HTML Datasheet

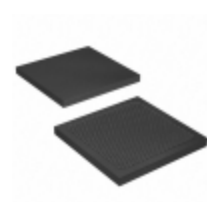
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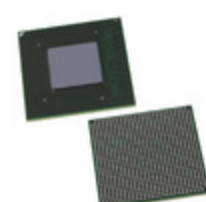
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Intel
IC FPGA 372 I/O 780FBGA



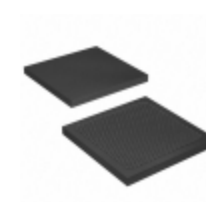
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Intel
IC FPGA 612 I/O 1152FBGA



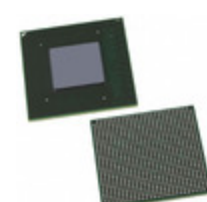
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Altera (Intel)



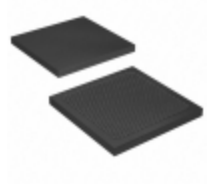
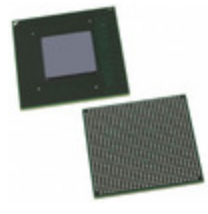
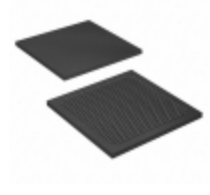
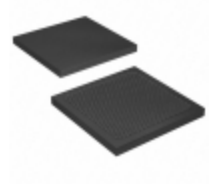
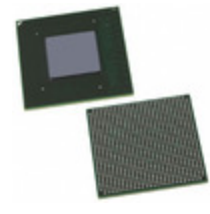
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Intel
IC FPGA 372 I/O 780FBGA



EP2AGX190FF35C6N
Intel
IC FPGA 612 I/O 1152FBGA



EP2AGX190EF29I3N
Intel
IC FPGA 372 I/O 780FBGA



EP2AGX190ED29I5N

Altera (Intel)

EP2AGX260EF29I5N

Intel
IC FPGA 372 I/O 780FBGA

EP2AGX190FF35C4G

Intel
IC FPGA 612 I/O 1152FBGA

EP2AGX190EF29C4G

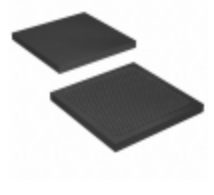
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IC FPGA 372 I/O 780FBGA

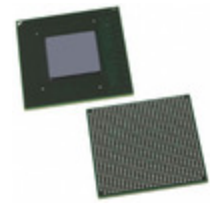
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IC FPGA 612 I/O 1152FBGA



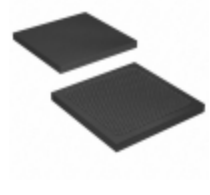
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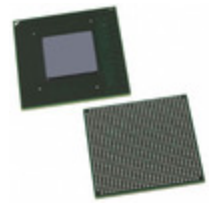
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Intel
IC FPGA 372 I/O 780FBGA



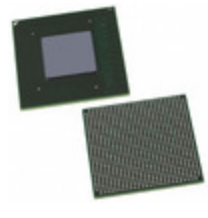
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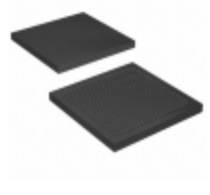
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IC FPGA 372 I/O 780FBGA



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Intel
IC FPGA 372 I/O 780FBGA



EP2AGX190FF35I5

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.



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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