

Image may be representation.
See specifications for product details.



EP2AGX125EF35C6N

Manufacturer Part Number **EP2AGX125EF35C6N**

Manufacturer **Intel**

Allelco Part Number **32D-EP2AGX125EF35C6N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 452 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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EP2AGX125EF35C6N - Intel.New Original in Stock. Download Linear Technology EP2AGX125EF35C6N datasheet/specifications on AllelcoElec.com.
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Specifications

EP2AGX125EF35C6N Tech Specifications

EP2AGX125EF35C6N - 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 | 118143 |
| Total RAM Bits | 8315904 | Number of LABs/CLBs | 4964 |
| Supplier Device Package | 1152-FBGA (35x35) | Number of I/O | 452 |
| Series | Arria II GX | Mounting Type | Surface Mount |
| Package / Case | 1152-BBGA, FCBGA | Base Product Number | EP2AGX125 |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2AGX125EF35C6N

| Product Attribute | | | | |
|--------------------------------|-------------------|------------------|--------------------|--------------------|
| Part Number | EP2AGX125EF35C6N | EP2AGX125EF29C6G | EP2AGX125EF35I3N | EP2AGX190EF29I5N |
| Manufacturer | Intel | Intel | Intel | Intel |
| Supplier Device Package | 1152-FBGA (35x35) | 780-FBGA (29x29) | 1152-FBGA (35x35) | 780-FBGA (29x29) |
| Base Product Number | EP2AGX125 | EP2AGX125 | EP2AGX125 | EP2AGX190 |
| Number of Logic Elements/Cells | 118143 | 118143 | 118143 | 181165 |
| Voltage - Supply | 0.87V ~ 0.93V | 0.87V ~ 0.93V | 0.87V ~ 0.93V | 0.87V ~ 0.93V |
| Operating Temperature | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) |
| 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 | 4964 | 4964 | 4964 | 7612 |
| Number of I/O | 452 | 372 | 452 | 372 |
| Package | Tray | Tray | Tray | Tray |
| Total RAM Bits | 8315904 | 8315904 | 8315904 | 10177536 |
| Package / Case | 1152-BBGA, FCBGA | 780-BBGA, FCBGA | 1152-BBGA, FCBGA | 780-BBGA, FCBGA |

EP2AGX125EF35C6N Datasheet PDF

Download EP2AGX125EF35C6N pdf datasheets and Intel documentation for EP2AGX125EF35C6N - 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

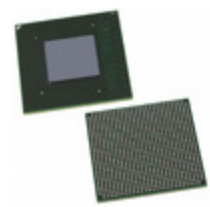
Arria II Device Family Overview.pdf

Manuals

Arria II Device Handbook.pdf

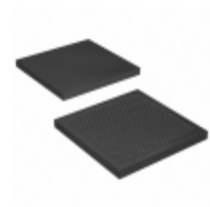
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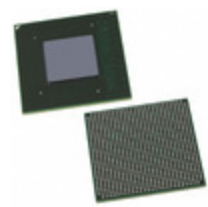
EP2AGX125EF29C6G

Intel
IC FPGA 372 I/O 780FBGA



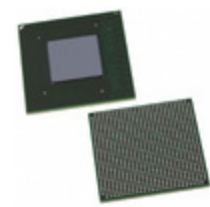
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Intel
IC FPGA 452 I/O 1152FBGA



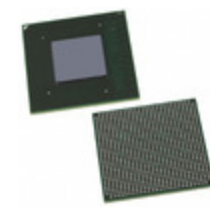
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Intel
IC FPGA 372 I/O 780FBGA



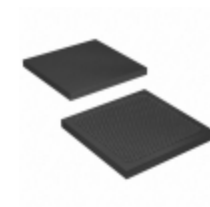
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Intel
IC FPGA 372 I/O 780FBGA



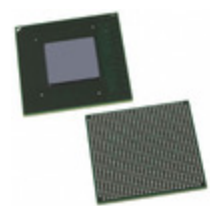
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Intel
IC FPGA 372 I/O 780FBGA



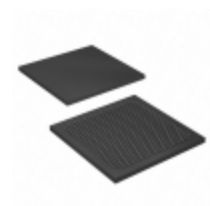
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IC FPGA 452 I/O 1152FBGA



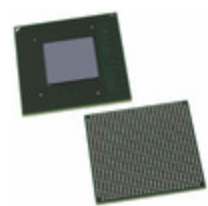
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IC FPGA 372 I/O 780FBGA



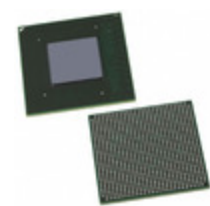
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Intel
IC FPGA 372 I/O 780FBGA



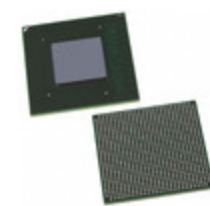
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Intel
IC FPGA 372 I/O 780FBGA



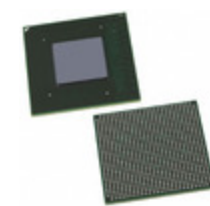
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IC FPGA 372 I/O 780FBGA



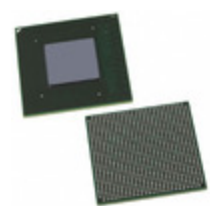
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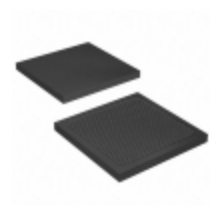
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IC FPGA 372 I/O 780FBGA



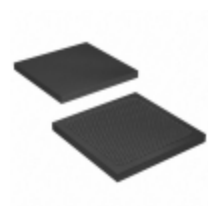
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Intel
IC FPGA 372 I/O 780FBGA



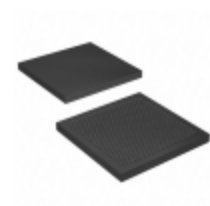
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Intel
IC FPGA 452 I/O 1152FBGA



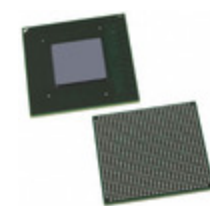
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IC FPGA 452 I/O 1152FBGA



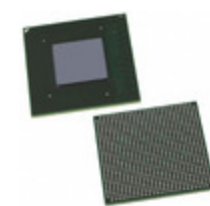
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IC FPGA 452 I/O 1152FBGA



EP2AGX190EF29I3N

Intel
IC FPGA 372 I/O 780FBGA



EP2AGX125EF29I5N

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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