

Image may be representation.
See specifications for product details.



EP2AGX45DF29C6N

Manufacturer Part Number **EP2AGX45DF29C6N**

Manufacturer **Intel**

Allelco Part Number **32D-EP2AGX45DF29C6N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 364 I/O 780FBGA**

Package **780-BBGA, FCBGA**

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

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

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

RoHS Status **RoHS Compliant**

[Get a Quote](#)

EP2AGX45DF29C6N - Intel.New Original in Stock. Download Linear Technology EP2AGX45DF29C6N datasheet/specifications on AllelcoElec.com.
Request a quote for EP2AGX45DF29C6N, please send us email: info@allelco.com

Specifications

EP2AGX45DF29C6N Tech Specifications

EP2AGX45DF29C6N - 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	42959
Total RAM Bits	3517440	Number of LABs/CLBs	1805
Supplier Device Package	780-FBGA (29x29)	Number of I/O	364
Series	Arria II GX	Mounting Type	Surface Mount
Package / Case	780-BBGA, FCBGA	Base Product Number	EP2AGX45
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2AGX45DF29C6N

Product Attribute				
Part Number	EP2AGX45DF29C6N	EP2AGX65CU17C4N	EP2AGX45DF29I5	EP2AGX45DF25C6N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	1805	2530	1805	1805
Total RAM Bits	3517440	5371904	3517440	3517440
Package / Case	780-BBGA, FCBGA	358-LFBGA, FCBGA	780-BBGA, FCBGA	572-BGA, FCBGA
Package	Tray	Tray	Tray	Tray
Base Product Number	EP2AGX45	EP2AGX65	EP2AGX45	EP2AGX45
Number of I/O	364	156	364	252
Series	Arria II GX	Arria II GX	Arria II GX	Arria II GX
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	42959	60214	42959	42959
Supplier Device Package	780-FBGA (29x29)	358-UBGA, FCBGA (17x17)	780-FBGA (29x29)	572-FBGA, FC (25x25)
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V

EP2AGX45DF29C6N Datasheet PDF

Download EP2AGX45DF29C6N pdf datasheets and Intel documentation for EP2AGX45DF29C6N - Intel.

Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



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



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

Errata



[2.73KHz.pdf](#)

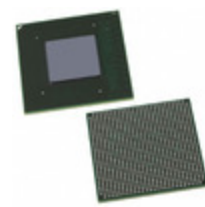
Customers Also Interested in

Recommended Products



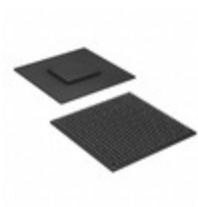
EP2AGX65CU17C4N

Intel
IC FPGA 156 I/O 358UBGA



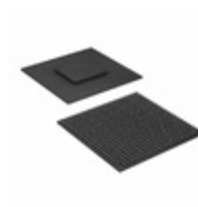
EP2AGX45DF29I5

Intel
IC FPGA 364 I/O 780FBGA



EP2AGX45DF25C6N

Intel
IC FPGA 252 I/O 572FBGA



EP2AGX45DF25I3N

Intel
IC FPGA 252 I/O 572FBGA



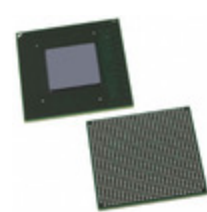
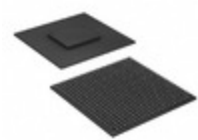
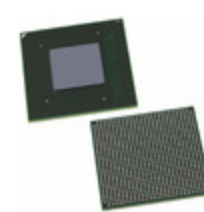
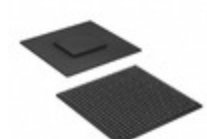
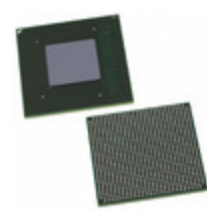
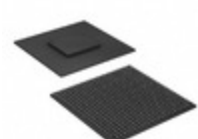
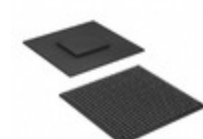
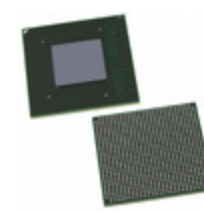
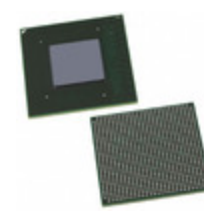
EP2AGX65CU17I5N

Intel
IC FPGA 156 I/O 358UBGA



EP2AGX65CU17I3N

Intel
IC FPGA 156 I/O 358UBGA

**EP2AGX45CU17I5N**Intel
IC FPGA 156 I/O 358UBGA**EP2AGX45DF29C6G**Intel
IC FPGA 364 I/O 780FBGA**EP2AGX45DF25C6G**Intel
IC FPGA 252 I/O 572FBGA**EP2AGX65CU17C6N**Intel
IC FPGA 156 I/O 358UBGA**EP2AGX65CU17C5N**Intel
IC FPGA 156 I/O 358UBGA**EP2AGX45DF29I5N**Intel
IC FPGA 364 I/O 780FBGA**EP2AGX45DF25C4N**Intel
IC FPGA 252 I/O 572FBGA**EP2AGX45DF29I3N**Intel
IC FPGA 364 I/O 780FBGA**EP2AGX65DF25C5N**Intel
IC FPGA 252 I/O 572FBGA**EP2AGX45DF25C5N**Intel
IC FPGA 252 I/O 572FBGA**EP2AGX45DF29C5N**Intel
IC FPGA 364 I/O 780FBGA**EP2AGX45DF29C4N**Intel
IC FPGA 364 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



[View More](#)