

Image may be representation.  
See specifications for product details.



## EP4SGX360FH29C3N

Manufacturer Part Number **EP4SGX360FH29C3N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4SGX360FH29C3N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 289 I/O 780HBGA**

Package **780-BBGA, FCBGA**

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

[Stratix IV Device Handbook Vol.4.pdf](#)

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RoHs Status **RoHS Compliant**

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## Specifications

EP4SGX360FH29C3N Tech Specifications

EP4SGX360FH29C3N - 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	353600
Total RAM Bits	23105536	Number of LABs/CLBs	14144
Supplier Device Package	780-HBGA (33x33)	Number of I/O	289
Series	Stratix® IV GX	Mounting Type	Surface Mount
Package / Case	780-BBGA, FCBGA	Base Product Number	EP4SGX360
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4SGX360FH29C3N

Product Attribute				
Part Number	EP4SGX360FH29C3N	EP4SGX360FF35C3N	EP4SGX360HF35I3N	EP4SGX230KF40I4
Manufacturer	Intel	Intel	Intel	Intel
Series	Stratix® IV GX	Stratix® IV GX	Stratix® IV GX	Stratix® IV GX
Number of LABs/CLBs	14144	14144	14144	9120
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	289	564	564	744
Package / Case	780-BBGA, FCBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA	1517-BBGA, FCBGA
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)
Supplier Device Package	780-HBGA (33x33)	1152-FBGA (35x35)	1152-FBGA (35x35)	1517-FBGA (40x40)
Number of Logic Elements/Cells	353600	353600	353600	228000
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V
Total RAM Bits	23105536	23105536	23105536	17544192
Base Product Number	EP4SGX360	EP4SGX360	EP4SGX360	EP4SGX230

## EP4SGX360FH29C3N Datasheet PDF

Download EP4SGX360FH29C3N pdf datasheets and Intel documentation for EP4SGX360FH29C3N - Intel.

### Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



[Stratix IV Device Handbook Vol.4.pdf](#)



[Stratix IV Device Handbook Vol.1.pdf](#)

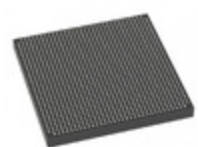
### Errata



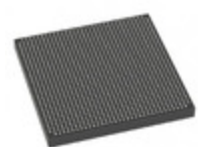
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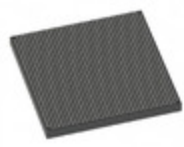
### Recommended Products



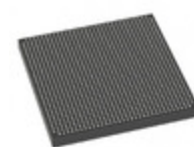
**EP4SGX360FF35C3N**  
Intel  
IC FPGA 564 I/O 1152FBGA



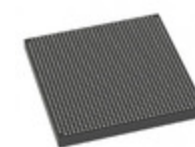
**EP4SGX360HF35I3N**  
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IC FPGA 564 I/O 1152FBGA



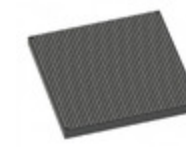
**EP4SGX230KF40I4**  
Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360HF35C4N**  
Intel  
IC FPGA 564 I/O 1152FBGA



**EP4SGX360FF35I4N**  
Intel  
IC FPGA 564 I/O 1152FBGA



**EP4SGX290KF40C3N**  
Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360KF40C2N**

Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360KF40C4N**

Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360HF35C2N**

Intel  
IC FPGA 564 I/O 1152FBGA



**EP4SGX290NF45I3N**

Intel  
IC FPGA 920 I/O 1932FBGA



**EP4SGX290NF45C3N**

Intel  
IC FPGA 920 I/O 1932FBGA



**EP4SGX290KF40I3N**

Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360HF35I4N**

Intel  
IC FPGA 564 I/O 1152FBGA



**EP4SGX360KF40C4**

Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360FF35I3N**

Intel  
IC FPGA 564 I/O 1152FBGA



**EP4SGX360KF40C3N**

Intel  
IC FPGA 744 I/O 1517FBGA



**EP4SGX360HF35C3N**

Intel  
IC FPGA 564 I/O 1152FBGA



**EP4SGX230KF40I4N**

Intel  
IC FPGA 744 I/O 1517FBGA

## 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  
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info@allelco.com

## Certifications & Memberships



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