

Image may be representation.
See specifications for product details.



EP4SE230F29C2N

Manufacturer Part Number **EP4SE230F29C2N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4SE230F29C2N**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC FPGA 488 I/O 780FBGA**

Package **780-BBGA, FCBGA**

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

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

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

RoHs Status RoHS Compliant

[Get a Quote](#)

EP4SE230F29C2N - Intel.New Original in Stock. Download Linear Technology EP4SE230F29C2N datasheet/specifications on AllelcoElec.com.

Request a quote for EP4SE230F29C2N, please send us email: info@allelco.com

Specifications

EP4SE230F29C2N Tech Specifications

EP4SE230F29C2N - 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	228000
Total RAM Bits	17544192	Number of LABs/CLBs	9120
Supplier Device Package	780-FBGA (29x29)	Number of I/O	488
Series	STRATIX® IV E	Mounting Type	Surface Mount
Package / Case	780-BBGA, FCBGA	Base Product Number	EP4SE230
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4SE230F29C2N

Product Attribute				
Part Number	EP4SE230F29C2N	EP4S40G5H40I2NAD	EP4S40G2F40I3N	EP4SE360F35C4N
Manufacturer	Intel	Intel	Intel	Intel
Total RAM Bits	17544192	28033024	17544192	23105536
Voltage - Supply	0.87V ~ 0.93V	0.92V ~ 0.98V	0.92V ~ 0.98V	0.87V ~ 0.93V
Supplier Device Package	780-FBGA (29x29)	1517-HBGA (42.5x42.5)	1517-FBGA (40x40)	1152-FBGA (35x35)
Number of LABs/CLBs	9120	212480	9120	14144
Package / Case	780-BBGA, FCBGA	1517-BBGA, FCBGA	1517-BBGA, FCBGA	1152-BBGA, FCBGA
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	STRATIX® IV E	STRATIX® IV GT	STRATIX® IV GT	STRATIX® IV E
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	EP4SE230	-	EP4S40G2	EP4SE360
Number of Logic Elements/Cells	228000	531200	228000	353600
Number of I/O	488	654	654	744

EP4SE230F29C2N Datasheet PDF

Download EP4SE230F29C2N pdf datasheets and Intel documentation for EP4SE230F29C2N - Intel.

Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



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



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

Errata



[Stratix IV E Errata.pdf](#)

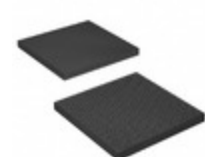
Customers Also Interested in

Recommended Products



EP4S40G5H40I2NAD

Intel
IC FPGA 654 I/O 1517HBGA



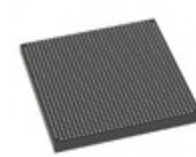
EP4S40G2F40I3N

Intel
IC FPGA 654 I/O 1517FBGA



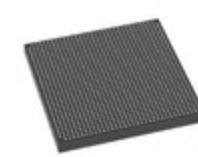
NO PICTURE

EP4S40G5H40C3N



EP4SE360F35C4N

Intel
IC FPGA 744 I/O 1152FBGA



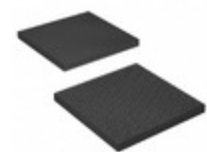
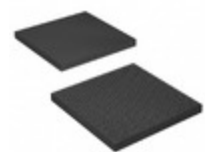
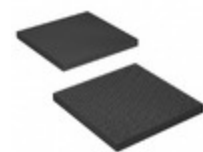
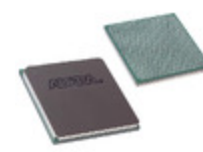
EP4SE230F35I4NAD

Intel
IC FPGA 1152FBGA

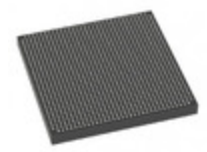


NO PICTURE

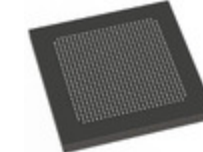
EP4S40G5H40C1N

**EP4SE230F29I4N**Intel
IC FPGA 488 I/O 780FBGA**EP4S40G5H40I1N**Intel
IC FPGA 654 I/O 1517HBGA**EP4S40G5H40I1**Intel
IC FPGA 654 I/O 1517HBGA**EP4S40G5H40I3N**Intel
IC FPGA 654 I/O 1517HBGA**EP4SE230F29C4N**Intel
IC FPGA 488 I/O 780FBGA**EP4S40G5H40C2N**

Altera (Intel)

**EP4SE360F35I3N**Intel
IC FPGA 744 I/O 1152FBGA**EP4SE360F35I4N**Intel
IC FPGA 744 I/O 1152FBGA**EP4S40G5H40**

Altera (Intel)

**EP4SE230F29I3N**Intel
IC FPGA 488 I/O 780FBGA**EP4S40G5H40I2N**Intel
IC FPGA 654 I/O 1517HBGA**EP4SE360H29C3N**Intel
IC FPGA 488 I/O 780HBGA

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](#)