

Image may be representation.  
See specifications for product details.



## EP2SGX130GF1508C4N

Manufacturer Part Number	<b>EP2SGX130GF1508C4N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP2SGX130GF1508C4N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 734 I/O 1508FBGA
Package	1508-BBGA, FCBGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Stratix II GX Device Handbook.pdf</a>
RoHs Status	RoHS Compliant

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EP2SGX130GF1508C4N - Intel.New Original in Stock. Download Linear Technology EP2SGX130GF1508C4N datasheet/specifications on AllelcoElec.com.  
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### Specifications

EP2SGX130GF1508C4N Tech Specifications  
EP2SGX130GF1508C4N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	132540
Total RAM Bits	6747840	Number of LABs/CLBs	6627
Supplier Device Package	1508-FBGA, FC (40x40)	Number of I/O	734
Series	Stratix® II GX	Mounting Type	Surface Mount
Package / Case	1508-BBGA, FCBGA	Base Product Number	EP2SGX130
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2SGX130GF1508C4N

Product Attribute					
Part Number	EP2SGX130GF1508C4N	<a href="#">EP2S90H484C5</a>	<a href="#">EP2S90F780C5N</a>	<a href="#">EP2S90F78014</a>	
Manufacturer	Intel	Intel	Intel	Intel	
Number of I/O	734	308	534	534	
Total RAM Bits	6747840	4520488	4520488	4520488	
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount	
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	
Number of Logic Elements/Cells	132540	90960	90960	90960	
Series	Stratix® II GX	Stratix® II	Stratix® II	Stratix® II	
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	
Package	Tray	Tray	Tray	Tray	
Supplier Device Package	1508-FBGA, FC (40x40)	484-HBGA (27x27)	780-FBGA (29x29)	780-FBGA (29x29)	
Number of LABs/CLBs	6627	4548	4548	4548	
Package / Case	1508-BBGA, FCBGA	484-BBGA, FCBGA	780-BBGA	780-BBGA	
Base Product Number	EP2SGX130	EP2S90	EP2S90	EP2S90	

### EP2SGX130GF1508C4N Datasheet PDF

Download EP2SGX130GF1508C4N pdf datasheets and Intel documentation for EP2SGX130GF1508C4N - Intel.

#### Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Stratix II GX Device Handbook.pdf](#)

#### PCN Design/Specification

- [Cylindrical Battery Holders.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 4/Dec/2020.pdf](#)

#### PCN Other



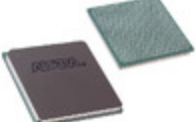



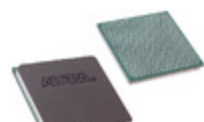


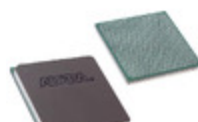








- [Readiness Plan Update 3/Apr/2020.pdf](#)

#### PCN Part Status Change

- [2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>EP2S90H484C5</b> Intel IC FPGA 308 I/O 484HBGA	<b>EP2S90F780C5N</b> Intel IC FPGA 534 I/O 780FBGA	<b>EP2S90F780I4</b> Intel IC FPGA 534 I/O 780FBGA	<b>EP2SGX130GF1508I4</b> Intel IC FPGA 734 I/O 1508FBGA	<b>EP2S90F1508I4</b> Intel IC FPGA 902 I/O 1508FBGA	<b>EP2SGX130GF1508C5N</b> Intel IC FPGA 734 I/O 1508FBGA
					
<b>EP2SGX30CF780C5N</b> Intel IC FPGA 361 I/O 780FBGA	<b>EP2SGX30CF780C3N</b> Intel IC FPGA 361 I/O 780FBGA	<b>EP2SGX125GF1508C4</b> Altera (Intel)	<b>EP2SGX30CF780C4N</b> Intel IC FPGA 361 I/O 780FBGA	<b>EP2SGX130GF1508I4N</b> Intel IC FPGA 734 I/O 1508FBGA	<b>EP2S90F780I4N</b> Intel IC FPGA 534 I/O 780FBGA
					
<b>EP2S90F1508I4N</b> Intel IC FPGA 902 I/O 1508FBGA	<b>EP2SGX125GF1508C4N</b> Altera (Intel)	<b>EP2SGX130GF1508C5</b> Intel IC FPGA 734 I/O 1508FBGA	<b>EP2SGX130GF1508C3</b> Intel IC FPGA 734 I/O 1508FBGA	<b>EP2SGX130GF1508C3N</b> Intel IC FPGA 734 I/O 1508FBGA	<b>EP2SGX130GF1508I3N</b> Altera (Intel)

## 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

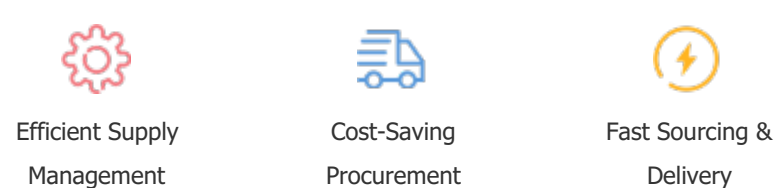
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

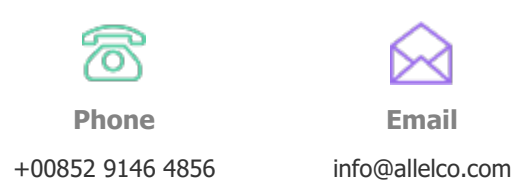
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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