



Image may be representation.
See specifications for product details.



EP2SGX130GF1508C5N

Manufacturer Part Number	EP2SGX130GF1508C5N
Manufacturer	Intel
Allelco Part Number	32D-EP2SGX130GF1508C5N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 734 I/O 1508FBGA
Package	1508-BBGA, FCBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Stratix II GX Device Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP2SGX130GF1508C5N - Intel.New Original in Stock. Download Linear Technology EP2SGX130GF1508C5N datasheet/specifications on AllelcoElec.com.
Request a quote for EP2SGX130GF1508C5N, please send us email: info@allelco.com

Specifications

EP2SGX130GF1508C5N Tech Specifications

EP2SGX130GF1508C5N - 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 EP2SGX130GF1508C5N

Product Attribute				
Part Number	EP2SGX130GF1508C5N	EP2SGX30CF780C3N	EP2SGX130GF1508C5	EP2S90F780C5N
Manufacturer	Intel	Intel	Intel	Intel
Total RAM Bits	6747840	1369728	6747840	4520488
Number of I/O	734	361	734	534
Number of Logic Elements/Cells	132540	33880	132540	90960
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP2SGX130	EP2SGX30	EP2SGX130	EP2S90
Supplier Device Package	1508-FBGA, FC (40x40)	780-FBGA (29x29)	1508-FBGA, FC (40x40)	780-FBGA (29x29)
Series	Stratix® II GX	Stratix® II GX	Stratix® II GX	Stratix® II
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package / Case	1508-BBGA, FCBGA	780-BBGA	1508-BBGA, FCBGA	780-BBGA
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	6627	1694	6627	4548
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EP2SGX130GF1508C5N Datasheet PDF

Download EP2SGX130GF1508C5N pdf datasheets and Intel documentation for EP2SGX130GF1508C5N - 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

					
EP2SGX30CF780C3N Intel IC FPGA 361 I/O 780FBGA	EP2SGX130GF1508C5 Intel IC FPGA 734 I/O 1508FBGA	EP2S90F780C5N Intel IC FPGA 534 I/O 780FBGA	EP2SGX130GF1508I4 Intel IC FPGA 734 I/O 1508FBGA	EP2SGX130GF1508I3N Altera (Intel)	EP2SGX30DF780C5 Intel IC FPGA 361 I/O 780FBGA
					
EP2SGX30CF780C5N Intel IC FPGA 361 I/O 780FBGA	EP2SGX130GF1508I4N Intel IC FPGA 734 I/O 1508FBGA	EP2SGX125GF1508C4N Altera (Intel)	EP2SGX130GF1508C4N Intel IC FPGA 734 I/O 1508FBGA	EP2SGX130GF1508C3N Intel IC FPGA 734 I/O 1508FBGA	EP2SGX130GF1508C3 Intel IC FPGA 734 I/O 1508FBGA
					
EP2S90H484C5 Intel IC FPGA 308 I/O 484HBGA	EP2SGX30DF780C3 Intel IC FPGA 361 I/O 780FBGA	EP2S90F780I4 Intel IC FPGA 534 I/O 780FBGA	EP2SGX30CF780C4N Intel IC FPGA 361 I/O 780FBGA	EP2S90F780I4N Intel IC FPGA 534 I/O 780FBGA	EP2SGX125GF1508C4 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

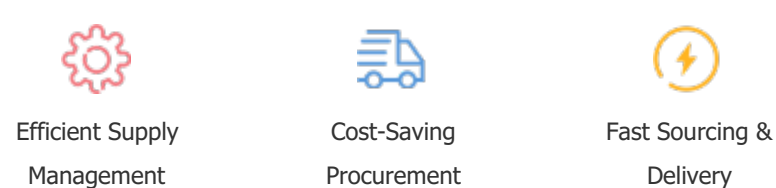
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

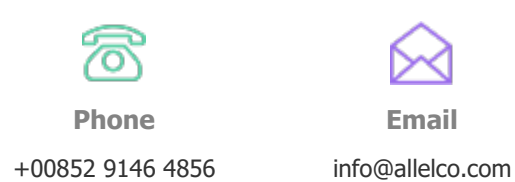
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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