

Image may be representation.
See specifications for product details.



EP2SGX30CF780C3N

Manufacturer Part Number **EP2SGX30CF780C3N**

Manufacturer **Intel**

Allelco Part Number **32D-EP2SGX30CF780C3N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 361 I/O 780FBGA**

Package **780-BBGA**

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

[780-FBGA Pkg Info.pdf](#)

[Stratix II GX Device Handbook.pdf](#)

RoHs Status **RoHS Compliant**

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EP2SGX30CF780C3N - Intel.New Original in Stock. Download Linear Technology EP2SGX30CF780C3N datasheet/specifications on AllelcoElec.com.
Request a quote for EP2SGX30CF780C3N, please send us email: info@allelco.com

Specifications

EP2SGX30CF780C3N Tech Specifications
EP2SGX30CF780C3N - 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	33880
Total RAM Bits	1369728	Number of LABs/CLBs	1694
Supplier Device Package	780-FBGA (29x29)	Number of I/O	361
Series	Stratix® II GX	Mounting Type	Surface Mount
Package / Case	780-BBGA	Base Product Number	EP2SGX30
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2SGX30CF780C3N

Product Attribute				
Part Number	EP2SGX30CF780C3N	EP2SGX130GF1508C5N	EP2SGX30CF780C4N	EP2SGX30DF780I4
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	780-FBGA (29x29)	1508-FBGA, FC (40x40)	780-FBGA (29x29)	780-FBGA (29x29)
Base Product Number	EP2SGX30	EP2SGX130	EP2SGX30	EP2SGX30
Series	Stratix® II GX	Stratix® II GX	Stratix® II GX	Stratix® II GX
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	33880	132540	33880	33880
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of I/O	361	734	361	361
Total RAM Bits	1369728	6747840	1369728	1369728
Package / Case	780-BBGA	1508-BBGA, FCBGA	780-BBGA	780-BBGA
Number of LABs/CLBs	1694	6627	1694	1694

EP2SGX30CF780C3N Datasheet PDF

Download EP2SGX30CF780C3N pdf datasheets and Intel documentation for EP2SGX30CF780C3N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[780-FBGA Pkg Info.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

HTML Datasheet

Stratix II GX Device Handbook.pdf

Customers Also Interested in

Recommended Products



EP2SGX130GF1508C5N
Intel
IC FPGA 734 I/O 1508FBGA



EP2SGX130GF1508I3N
Altera (Intel)



EP2SGX125GF1508C4
Altera (Intel)



EP2SGX30CF780C4N
Intel
IC FPGA 361 I/O 780FBGA



EP2SGX30DF780I4
Intel
IC FPGA 361 I/O 780FBGA



EP2SGX130GF1508C3N
Intel
IC FPGA 734 I/O 1508FBGA



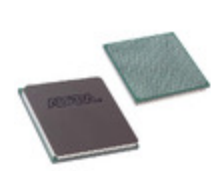
EP2SGX130GF1508C4N
Intel
IC FPGA 734 I/O 1508FBGA



EP2SGX30DF780C5N
Intel
IC FPGA 361 I/O 780FBGA



EP2SGX130GF1508I4N
Intel
IC FPGA 734 I/O 1508FBGA



EP2SGX30CF780C5N
Intel
IC FPGA 361 I/O 780FBGA



EP2SGX30DF780C5
Intel
IC FPGA 361 I/O 780FBGA



EP2SGX125GF1508C4N
Altera (Intel)



EP2SGX130GF1508I4
Intel
IC FPGA 734 I/O 1508FBGA



EP2SGX60CF780C4N
Intel
IC FPGA 364 I/O 780FBGA



EP2SGX130GF1508C3
Intel
IC FPGA 734 I/O 1508FBGA



EP2SGX130GF1508C5
Intel
IC FPGA 734 I/O 1508FBGA



EP2SGX30DF780C3
Intel
IC FPGA 361 I/O 780FBGA



EP2SGX30DF780I4N
Intel
IC FPGA 361 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

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com