

Image may be representation.
See specifications for product details.



5SGXEABN2F45C2N

Manufacturer Part Number **5SGXEABN2F45C2N**

Manufacturer **Intel**

Allelco Part Number **32D-5SGXEABN2F45C2N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 840 I/O 1932FBGA**

Package **1932-BBGA, FCBGA**

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

[Stratix V Device Datasheet.pdf](#)

[Stratix V Device Overview.pdf](#)

RoHs Status **RoHS Compliant**

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5SGXEABN2F45C2N - Intel.New Original in Stock. Download Linear Technology 5SGXEABN2F45C2N datasheet/specifications on AllelcoElec.com.
Request a quote for 5SGXEABN2F45C2N, please send us email: info@allelco.com

Specifications

5SGXEABN2F45C2N Tech Specifications

5SGXEABN2F45C2N - 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	952000
Total RAM Bits	53248000	Number of LABs/CLBs	359200
Supplier Device Package	1932-FBGA, FC (45x45)	Number of I/O	840
Series	Stratix® V GX	Mounting Type	Surface Mount
Package / Case	1932-BBGA, FCBGA	Base Product Number	5SGXEAB
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5SGXEABN2F45C2N

Product Attribute				
Part Number	5SGXEABN2F45C2N	5SGXEA7N2F45I3N	5SGXEBSR2F43I3N	5SGXEA7N2F45C3N
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	1932-FBGA, FC (45x45)	1932-FBGA, FC (45x45)	1760-FCBGA (42.5x42.5)	1932-FBGA, FC (45x45)
Base Product Number	5SGXEAB	5SGXEA7	5SGXEBS	5SGXEA7
Voltage - Supply	0.87V ~ 0.93V	0.82V ~ 0.88V	0.82V ~ 0.88V	0.82V ~ 0.88V
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	952000	622000	490000	622000
Number of LABs/CLBs	359200	234720	185000	234720
Series	Stratix® V GX	Stratix® V GX	Stratix® V GX	Stratix® V GX
Total RAM Bits	53248000	51200000	41984000	51200000
Package / Case	1932-BBGA, FCBGA	1932-BBGA, FCBGA	1760-BBGA, FCBGA	1932-BBGA, FCBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	840	840	600	840

5SGXEABN2F45C2N Datasheet PDF

Download 5SGXEABN2F45C2N pdf datasheets and Intel documentation for 5SGXEABN2F45C2N - Intel.

Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



[Stratix V Device Datasheet.pdf](#)



[Stratix V Device Overview.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 30/Mar/2020.pdf](#)



[Mult Dev EOL Rev 30/Mar/2020.pdf](#)

PCN Other



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

PCN Design/Specification



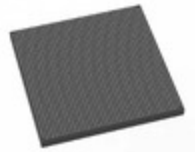
[Stratix V 25/Jan/2019.pdf](#)

Errata



Customers Also Interested in

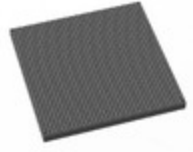
Recommended Products



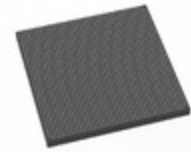
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Intel
IC FPGA 840 I/O 1932FBGA



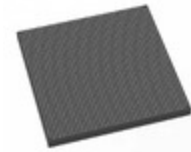
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Altera (Intel)



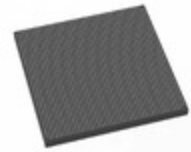
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IC FPGA 600 I/O 1760FBGA



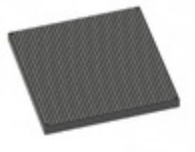
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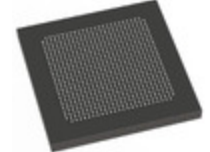
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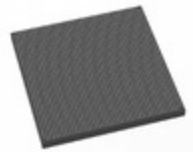
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IC FPGA 840 I/O 1932FBGA



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Intel
IC FPGA 696 I/O 1517HBGA



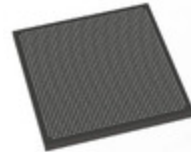
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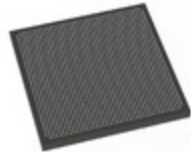
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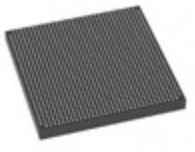
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Altera (Intel)



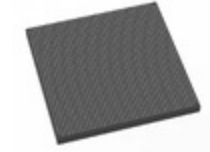
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IC FPGA 600 I/O 1760HBGA



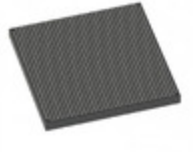
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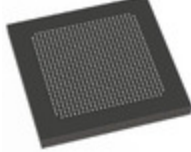
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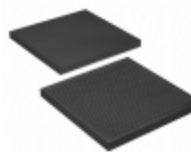
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IC FPGA 840 I/O 1932FBGA



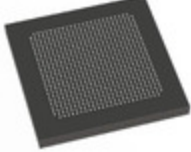
5SGXEABK2H40I3N
Intel
IC FPGA 696 I/O 1517HBGA



5SGXMA3E3H29I4N
Intel
IC FPGA 600 I/O 780HBGA



5SGXE9K3H40C2N
Altera (Intel® Programmable Solutions Group)
IC FPGA 696 I/O 1517HBGA



5SGXMA3E1H29I2N
Intel
IC FPGA 600 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



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info@allelco.com

Certifications & Memberships



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