

Image may be representation.
See specifications for product details.



5SGXMABK2H40I2N

Manufacturer Part Number **5SGXMABK2H40I2N**

Manufacturer **Intel**

Allelco Part Number **32D-5SGXMABK2H40I2N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 696 I/O 1517HBGA**

Package **1517-BBGA, FCBGA**

Data sheet [Stratix V Device Datasheet.pdf](#)

[Stratix V Device Overview.pdf](#)

[Stratix V Device Handbook.pdf](#)

RoHs Status **RoHS Compliant**

Get a Quote

5SGXMABK2H40I2N - Intel.New Original in Stock. Download Linear Technology 5SGXMABK2H40I2N datasheet/specifications on AllelcoElec.com.
Request a quote for 5SGXMABK2H40I2N, please send us email: info@allelco.com

Specifications

5SGXMABK2H40I2N Tech Specifications
5SGXMABK2H40I2N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°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	1517-HBGA (45x45)	Number of I/O	696
Series	Stratix® V GX	Mounting Type	Surface Mount
Package / Case	1517-BBGA, FCBGA	Base Product Number	5SGXMAB
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5SGXMABK2H40I2N

Product Attribute				
Part Number	5SGXMABK2H40I2N	5SGXMABR2H43I2N	5SGXMABN2F45C2NCV	5SGXMABR2H40I3NAB
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Supplier Device Package	1517-HBGA (45x45)	1760-HBGA (45x45)	1932-FBGA, FC (45x45)	1517-HBGA (45x45)
Series	Stratix® V GX	Stratix® V GX	Stratix® V GX	Stratix® V GX
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.82V ~ 0.88V
Package / Case	1517-BBGA, FCBGA	1760-BBGA, FCBGA	1932-BBGA, FCBGA	1517-BBGA, FCBGA
Base Product Number	5SGXMAB	5SGXMAB	5SGXMAB	5SGXMAB
Total RAM Bits	53248000	53248000	53248000	53248000
Number of I/O	696	600	840	696
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of LABs/CLBs	359200	359200	359200	359200
Number of Logic Elements/Cells	952000	952000	952000	952000

5SGXMABK2H40I2N Datasheet PDF

Download 5SGXMABK2H40I2N pdf datasheets and Intel documentation for 5SGXMABK2H40I2N - Intel.

Datasheets

- [Stratix V Device Datasheet.pdf](#)
- [Stratix V Device Overview.pdf](#)
- [Stratix V Device Handbook.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

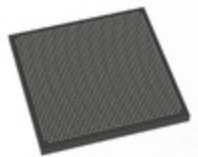
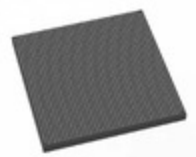
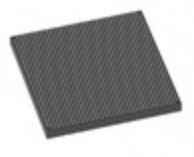
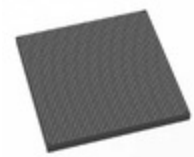
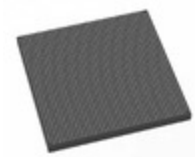
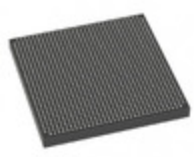
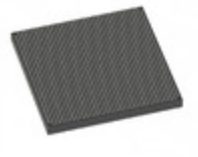
- [Stratix V 25/Jan/2019.pdf](#)

Errata

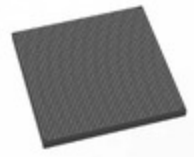
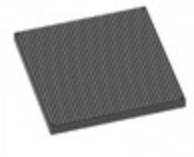
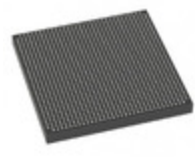
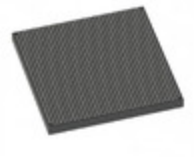
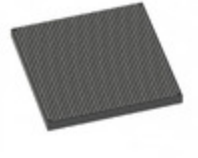
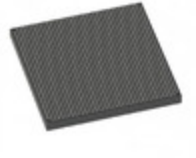
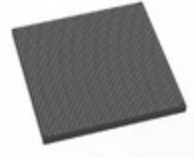
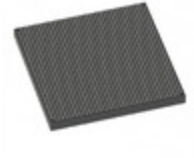
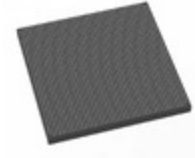
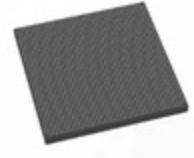


Customers Also Interested in

Recommended Products

**5SGXMBBR2H43I2N**Intel
IC FPGA 600 I/O 1760HBGA**5SGXMABN2F45C2NCV**Intel
IC FPGA 840 I/O 1932FBGA**5SGXMBBR2H40I3NAB**Intel
IC FPGA 696 I/O 1517HBGA**5SGXMA7N3F45C4N**Intel
IC FPGA 840 I/O 1932FBGA**5SGXMA7N2F45C2**Intel
IC FPGA 840 I/O 1932FBGA**5SGXMA7H3F35I3N**Intel
IC FPGA 552 I/O 1152FBGA**5SGXMA9K2H40I2N**Intel
IC FPGA 696 I/O 1517HBGA**5SGXMA7H3F35C2NGA**

Altera (Intel)

**5SGXMA9N2F45I2N**Intel
IC FPGA 840 I/O 1932FBGA**5SGXMA7K2F40I3LN**Intel
IC FPGA 696 I/O 1517FBGA**5SGXMA7K2F35I3NAA**Intel
IC FPGA 432 I/O 1152FBGA**5SGXMA7N2F40C2N**Intel
IC FPGA 600 I/O 1517FBGA**5SGXMA7K2F40C2N**Intel
IC FPGA 696 I/O 1517FBGA**5SGXMA7K2F40I3N**Intel
IC FPGA 696 I/O 1517FBGA**5SGXMA7N2F45I3LN**Intel
IC FPGA 840 I/O 1932FBGA**5SGXMBBR2H40I3N**Intel
IC FPGA 696 I/O 1517HBGA**5SGXMABN2F45C2N**Intel
IC FPGA 840 I/O 1932FBGA**5SGXMA9N2F45C2N**Intel
IC FPGA 840 I/O 1932FBGA

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 Alleco 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 -



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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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