

Image may be representation.  
See specifications for product details.



## 5AGXFB3H4F40C5N

Manufacturer Part Number	<b>5AGXFB3H4F40C5N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-5AGXFB3H4F40C5N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 704 I/O 1517FBGA
Package	1517-BBGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Arria V Datasheet.pdf</a> <a href="#">Arria V Device Handbook.pdf</a>
RoHs Status	RoHS Compliant

**Get a Quote**

5AGXFB3H4F40C5N - Intel.New Original in Stock. Download Linear Technology 5AGXFB3H4F40C5N datasheet/specifications on AllelcoElec.com.  
Request a quote for 5AGXFB3H4F40C5N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

5AGXFB3H4F40C5N Tech Specifications  
5AGXFB3H4F40C5N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.07V ~ 1.13V	Number of Logic Elements/Cells	362000
Total RAM Bits	19822592	Number of LABs/CLBs	17110
Supplier Device Package	1517-FBGA (40x40)	Number of I/O	704
Series	Arria V GX	Mounting Type	Surface Mount
Package / Case	1517-BBGA	Base Product Number	5AGXFB3
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5AGXFB3H4F40C5N

Product Attribute				
Part Number	5AGXFB3H4F40C5N	5AGXFB3H4F35C5N	5AGXFB3H4F40I3N	5AGXFB1H6F40C6N
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	362000	362000	362000	300000
Package / Case	1517-BBGA	1152-BBGA, FCBGA Exposed Pad	1517-BBGA	1517-BBGA
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Arria V GX	Arria V GX	Arria V GX	Arria V GX
Total RAM Bits	19822592	19822592	19822592	17358848
Base Product Number	5AGXFB3	5AGXFB3	5AGXFB3	5AGXFB1
Supplier Device Package	1517-FBGA (40x40)	1152-FBGA (35x35)	1517-FBGA (40x40)	1517-FBGA (40x40)
Number of I/O	704	544	704	704
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	17110	17110	17110	14151
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.12V ~ 1.18V	1.07V ~ 1.13V

### 5AGXFB3H4F40C5N Datasheet PDF

Download 5AGXFB3H4F40C5N pdf datasheets and Intel documentation for 5AGXFB3H4F40C5N - Intel.

#### Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Arria V Datasheet.pdf](#)
- [Arria 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 28/Feb/2019.pdf](#)
- [Mult Dev EOL REV 2/Aug/2019.pdf](#)

#### PCN Other

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

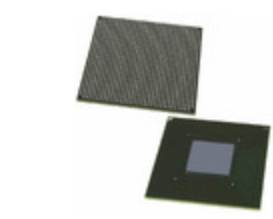
#### PCN Design/Specification

- [Arria V 25/Jan/2019.pdf](#)
- [Laser Marking 05/Oct/2018.pdf](#)

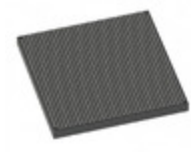
#### Errata

## Customers Also Interested in

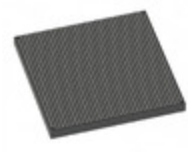
### Recommended Products



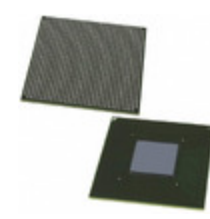
**5AGXFB3H4F35C5N**  
Intel  
IC FPGA 544 I/O 1152FBGA



**5AGXFB3H4F40I3N**  
Intel  
IC FPGA 704 I/O 1517FBGA



**5AGXFB1H6F40C6N**  
Intel  
IC FPGA 704 I/O 1517FBGA



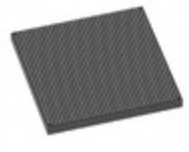
**5AGXFB5H4F35I3N**  
Intel  
IC FPGA 544 I/O 1152FBGA



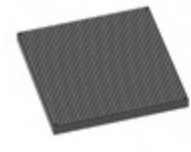
**5AGXFB3H4F40I3**  
Altera (Intel)



**5AGXFB3H6F35C6NES**  
Altera (Intel)



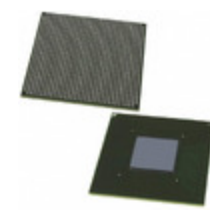
**5AGXFB1H4F40C5N**  
Intel  
IC FPGA 704 I/O 1517FBGA



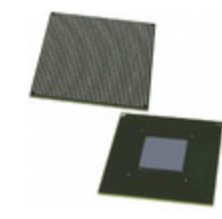
**5AGXFB3H4F40I5N**  
Intel  
IC FPGA 704 I/O 1517FBGA



**5AGXFB3H4F35C5G**  
Intel  
IC FPGA 544 I/O 1152FBGA



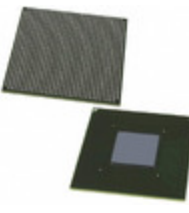
**5AGXFB3H6F35C6N**  
Intel  
IC FPGA 544 I/O 1152FBGA



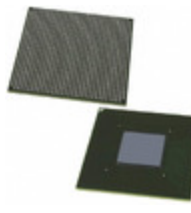
**5AGXFB3H4F35I3N**  
Intel  
IC FPGA 544 I/O 1152FBGA



**5AGXFB3H4F40I5NES**  
Altera (Intel)



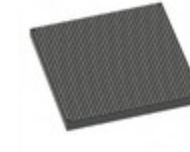
**5AGXFB1H6F35C6N**  
Intel  
IC FPGA 544 I/O 1152FBGA



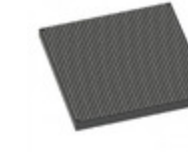
**5AGXFB3H4F35C4N**  
Intel  
IC FPGA 544 I/O 1152FBGA



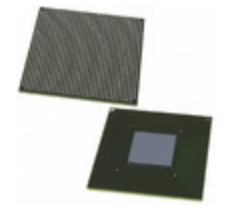
**5AGXFB3H4F35I5GAB**  
Altera (Intel)



**5AGXFB3H4F40I5G**  
Intel  
IC FPGA 704 I/O 1517FBGA



**5AGXFB3H4F40I3NAA**  
Intel  
IC FPGA 704 I/O 1517FBGA



**5AGXFB3H4F35I5N**  
Intel  
IC FPGA 544 I/O 1152FBGA

## 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