

Image may be representation.  
See specifications for product details.



## 5AGXFB3H6F35C6N

Manufacturer Part Number	<b>5AGXFB3H6F35C6N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-5AGXFB3H6F35C6N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 544 I/O 1152FBGA
Package	1152-BBGA, FCBGA Exposed Pad
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**

5AGXFB3H6F35C6N - Intel.New Original in Stock. Download Linear Technology 5AGXFB3H6F35C6N datasheet/specifications on AllelcoElec.com.  
Request a quote for 5AGXFB3H6F35C6N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

5AGXFB3H6F35C6N Tech Specifications  
5AGXFB3H6F35C6N - 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	1152-FBGA (35x35)	Number of I/O	544
Series	Arria V GX	Mounting Type	Surface Mount
Package / Case	1152-BBGA, FCBGA Exposed Pad	Base Product Number	5AGXFB3
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5AGXFB3H6F35C6N

Product Attribute				
Part Number	5AGXFB3H6F35C6N	5AGXFB5H4F35I3N	5AGXFB7H4F35I3N	5AGXFB3H4F40I3NAA
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Arria V GX	Arria V GX	Arria V GX	Arria V GX
Number of LABs/CLBs	17110	19811	23780	17110
Number of I/O	544	544	544	704
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	1.07V ~ 1.13V	1.12V ~ 1.18V	1.12V ~ 1.18V	1.12V ~ 1.18V
Base Product Number	5AGXFB3	5AGXFB5	5AGXFB7	-
Number of Logic Elements/Cells	362000	420000	504000	362000
Supplier Device Package	1152-FBGA (35x35)	1152-FBGA (35x35)	1152-FBGA (35x35)	1517-FBGA, FC (40x40)
Package / Case	1152-BBGA, FCBGA Exposed Pad	1152-BBGA, FCBGA Exposed Pad	1152-BBGA, FCBGA Exposed Pad	1517-BBGA, FCBGA
Package	Tray	Tray	Tray	Tray
Total RAM Bits	19822592	23625728	27695104	19822592

### 5AGXFB3H6F35C6N Datasheet PDF

Download 5AGXFB3H6F35C6N pdf datasheets and Intel documentation for 5AGXFB3H6F35C6N - 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](#)

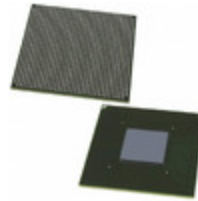
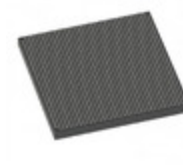
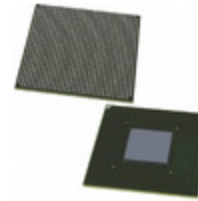

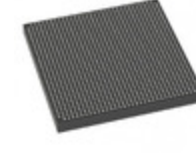

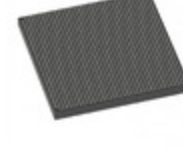
#### PCN Design/Specification

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

#### Errata

## Customers Also Interested in

### Recommended Products

 <b>5AGXFB5H4F35C3N</b>	 <b>5AGXFB5H4F35I3N</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB7H4F35I3N</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB3H4F40I3NAA</b> Intel IC FPGA 704 I/O 1517FBGA	 <b>5AGXFB5H4F35I5N</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB3H4F40I13</b> Altera (Intel)
 <b>5AGXFB3H4F40I5NES</b> Altera (Intel)	 <b>5AGXFB3H4F35I5GAB</b> Altera (Intel)	 <b>5AGXFB7H4F35I3G</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB3H4F40C5N</b> Intel IC FPGA 704 I/O 1517FBGA	 <b>5AGXFB3H4F35I3N</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB3H4F40I5G</b> Intel IC FPGA 704 I/O 1517FBGA
 <b>5AGXFB3H6F35C6NES</b> Altera (Intel)	 <b>5AGXFB7H4F35C4N</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB3H4F35I5N</b> Intel IC FPGA 544 I/O 1152FBGA	 <b>5AGXFB3H4F40I5N</b> Intel IC FPGA 704 I/O 1517FBGA	 <b>5AGXFB3H4F40I3N</b> Intel IC FPGA 704 I/O 1517FBGA	 <b>5AGXFB5K4F40I3N</b> Intel IC FPGA 704 I/O 1517FBGA

## 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