



Image may be representation.  
See specifications for product details.



## 5AGXMB1G4F31I3N

Manufacturer Part Number	<b>5AGXMB1G4F31I3N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-5AGXMB1G4F31I3N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 384 I/O 896FBGA
Package	896-BBGA, FCBGA
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**

5AGXMB1G4F31I3N - Intel.New Original in Stock. Download Linear Technology 5AGXMB1G4F31I3N datasheet/specifications on AllelcoElec.com.  
Request a quote for 5AGXMB1G4F31I3N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

5AGXMB1G4F31I3N Tech Specifications  
5AGXMB1G4F31I3N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.12V ~ 1.18V	Number of Logic Elements/Cells	300000
Total RAM Bits	17358848	Number of LABs/CLBs	14151
Supplier Device Package	896-FBGA (31x31)	Number of I/O	384
Series	Arria V GX	Mounting Type	Surface Mount
Package / Case	896-BBGA, FCBGA	Base Product Number	5AGXMB1
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5AGXMB1G4F31I3N

Product Attribute				
Part Number	5AGXMB1G4F31I3N	5AGXMB1G4F31I5G	5AGXMA7G4F31I5N	5AGXMA7G4F31I3N
Manufacturer	Intel	Intel	Intel	Intel
Series	Arria V GX	Arria V GX	Arria V GX	Arria V GX
Number of LABs/CLBs	14151	14151	11460	11460
Base Product Number	5AGXMB1	-	5AGXMA7	5AGXMA7
Voltage - Supply	1.12V ~ 1.18V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.12V ~ 1.18V
Package / Case	896-BBGA, FCBGA	896-BBGA, FCBGA	896-BBGA, FCBGA	896-BBGA, FCBGA
Package	Tray	Tray	Tray	Tray
Supplier Device Package	896-FBGA (31x31)	896-FBGA (31x31)	896-FBGA (31x31)	896-FBGA (31x31)
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	300000	300000	242000	242000
Total RAM Bits	17358848	17358848	15470592	15470592
Number of I/O	384	384	384	384

### 5AGXMB1G4F31I3N Datasheet PDF

Download 5AGXMB1G4F31I3N pdf datasheets and Intel documentation for 5AGXMB1G4F31I3N - Intel.

#### Datasheets

<a href="#">Virtual JTAG Megafuntion Guide.pdf</a>	<a href="#">Arria V Datasheet.pdf</a>	<a href="#">Arria V Device Handbook.pdf</a>
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#### PCN Packaging

<a href="#">Mult Dev Label CHG 24/Jan/2020.pdf</a>	<a href="#">Mult Dev Label Chgs 24/Feb/2020.pdf</a>
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#### PCN Obsolescence/ EOL

<a href="#">Mult Dev Add Subs 6/Sep/2019.pdf</a>	<a href="#">Mult Dev EOL 28/Feb/2019.pdf</a>	<a href="#">Mult Dev EOL REV 2/Aug/2019.pdf</a>
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#### PCN Other

<a href="#">Readiness Plan Update 3/Apr/2020.pdf</a>
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#### PCN Design/Specification

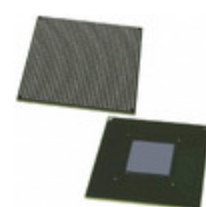
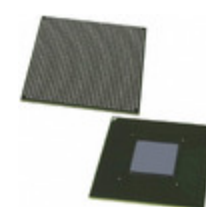
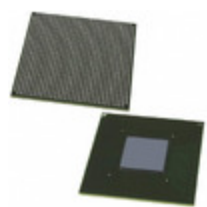
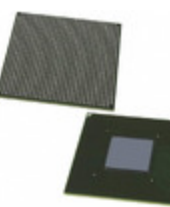
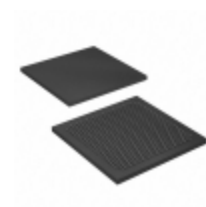
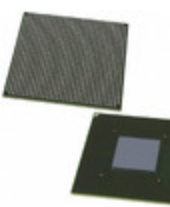
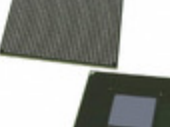
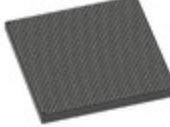
<a href="#">Arria V 25/Jan/2019.pdf</a>	<a href="#">Laser Marking 05/Oct/2018.pdf</a>
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#### Errata



## Customers Also Interested in

### Recommended Products

**5AGXMB1G4F31I5G**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMA7G4F31I5N**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMA7G4F31I3N**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMB1G4F35C4N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMA7G4F35C4N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMB3G4F31C5G**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMA5G6F35C6N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMA7G4F31C4N**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMA5G4F35I5N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMB3E4F29I5N**Intel  
IC FPGA 780FBGA**5AGXMB1G4F31I5N**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMB1G4F35I5N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMA7G4F31C5N**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMA5G4F35C5N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMB1G4F40I5N**Intel  
IC FPGA 704 I/O 1517FBGA**5AGXMB3G4F31C5N**Intel  
IC FPGA 384 I/O 896FBGA**5AGXMA7G4F35I5N**Intel  
IC FPGA 544 I/O 1152FBGA**5AGXMA7G4F31C5G**Intel  
IC FPGA 384 I/O 896FBGA

## 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.



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### Certifications & Memberships



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