

Image may be representation.
See specifications for product details.



5CGXFC5C7F23C8N

Manufacturer Part Number	5CGXFC5C7F23C8N
Manufacturer	Intel
Allelco Part Number	32D-5CGXFC5C7F23C8N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 240 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone V Device Handbook.pdf Cyclone V Device Overview.pdf
RoHs Status	RoHS Compliant

Get a Quote

5CGXFC5C7F23C8N - Intel.New Original in Stock. Download Linear Technology 5CGXFC5C7F23C8N datasheet/specifications on AllelcoElec.com.
Request a quote for 5CGXFC5C7F23C8N, please send us email: info@allelco.com

Specifications

5CGXFC5C7F23C8N Tech Specifications
5CGXFC5C7F23C8N - 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	77000
Total RAM Bits	5001216	Number of LABs/CLBs	29080
Supplier Device Package	484-FBGA (23x23)	Number of I/O	240
Series	Cyclone® V GX	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	5CGXFC5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CGXFC5C7F23C8N

Product Attribute				
Part Number	5CGXFC5C7F23C8N	5CGXFC5C6F2717N	5CGXFC5C6F27C7N	5CGXFC3B7F23C8N
Manufacturer	Intel	Intel	Intel	Intel
Series	Cyclone® V GX	Cyclone® V GX	Cyclone® V GX	Cyclone® V GX
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	484-BGA	672-BGA	672-BGA	484-BGA
Total RAM Bits	5001216	5001216	5001216	1381376
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	29080	29080	29080	11900
Number of I/O	240	336	336	208
Number of Logic Elements/Cells	77000	77000	77000	31500
Supplier Device Package	484-FBGA (23x23)	672-FBGA (27x27)	672-FBGA (27x27)	484-FBGA (23x23)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	5CGXFC5	5CGXFC5	5CGXFC5	5CGXFC3

5CGXFC5C7F23C8N Datasheet PDF

Download 5CGXFC5C7F23C8N pdf datasheets and Intel documentation for 5CGXFC5C7F23C8N - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

Cyclone V Device Handbook.pdf

Cyclone V Device Overview.pdf

PCN Packaging

Mult Dev Label CHG 24/Jan/2020.pdf

Mult Dev Label Chgs 24/Feb/2020.pdf

PCN Design/Specification

Quartus SW/Web Chgs 23/Sep/2021.pdf

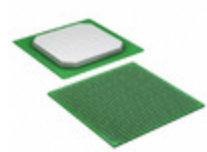
Mult Dev Software Chgs 3/Jun/2021.pdf

Errata

2.73KHz.pdf

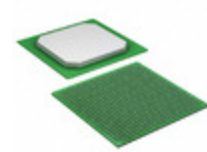
Customers Also Interested in

Recommended Products



5CGXFC5C6F27I7N

Intel
IC FPGA 336 I/O 672FBGA



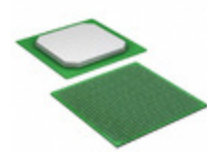
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Intel
IC FPGA 336 I/O 672FBGA



5CGXFC3B7F23C8N

Intel
IC FPGA 208 I/O 484FBGA



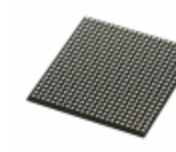
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Intel
IC FPGA 336 I/O 672FBGA



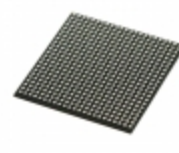
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Intel
IC FPGA 480 I/O 896FBGA



5CGXFC4C6U19I7N

Intel
IC FPGA 224 I/O 484UBGA



5CGXFC4C6F23C6N

Intel
IC FPGA 240 I/O 484FBGA



5CGXFC7C6U19C7N

Intel
IC FPGA 240 I/O 484UBGA



5CGXFC5C6F23I7N

Intel
IC FPGA 240 I/O 484FBGA



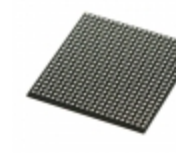
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Intel
IC FPGA 240 I/O 484UBGA



5CGXFC7D6F31I7

Intel
IC FPGA 480 I/O 896FBGA



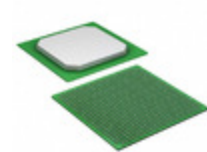
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Intel
IC FPGA 224 I/O 484UBGA



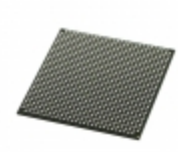
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IC FPGA 240 I/O 484FBGA



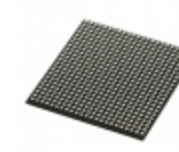
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Intel
IC FPGA 336 I/O 672FBGA



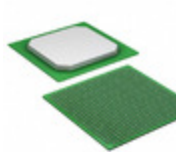
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Shipment

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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 Email
 +00852 9146 4856 info@allelco.com

Certifications & Memberships



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