

Image may be representation.
See specifications for product details.



5CGXFC4C7F23C8N

Manufacturer Part Number	5CGXFC4C7F23C8N
Manufacturer	Intel
Allelco Part Number	32D-5CGXFC4C7F23C8N
ECAD Model	Request Free CAD Models
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

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5CGXFC4C7F23C8N - Intel.New Original in Stock. Download Linear Technology 5CGXFC4C7F23C8N datasheet/specifications on AllelcoElec.com.
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Specifications

5CGXFC4C7F23C8N Tech Specifications
5CGXFC4C7F23C8N - 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	50000
Total RAM Bits	2862080	Number of LABs/CLBs	18868
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	5CGXFC4
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CGXFC4C7F23C8N

Product Attribute				
Part Number	5CGXFC4C7F23C8N	5CGXFC7C6U19I7N	5CGXFC5C6F27C7N	5CGXFC4C6F23C7N
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	18868	56480	29080	18868
Number of Logic Elements/Cells	50000	149500	77000	50000
Package	Tray	Tray	Tray	Tray
Package / Case	484-BGA	484-FBGA	672-BGA	484-BGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	484-FBGA (23x23)	484-UBGA (19x19)	672-FBGA (27x27)	484-FBGA (23x23)
Total RAM Bits	2862080	7880704	5001216	2862080
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Series	Cyclone® V GX	Cyclone® V GX	Cyclone® V GX	Cyclone® V GX
Base Product Number	5CGXFC4	5CGXFC7	5CGXFC5	5CGXFC4
Number of I/O	240	240	336	240
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V

5CGXFC4C7F23C8N Datasheet PDF

Download 5CGXFC4C7F23C8N pdf datasheets and Intel documentation for 5CGXFC4C7F23C8N - 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

Cyclone V GX,GT,E Errata.pdf

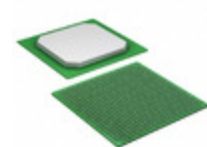
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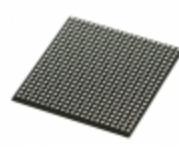
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Intel
IC FPGA 240 I/O 484UBGA



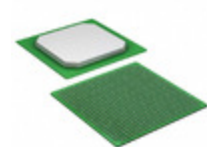
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Intel
IC FPGA 336 I/O 672FBGA



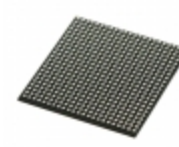
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Intel
IC FPGA 240 I/O 484FBGA



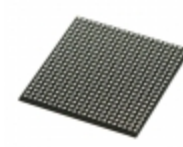
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Intel
IC FPGA 336 I/O 672FBGA



5CGXFC7C6U19C7N

Intel
IC FPGA 240 I/O 484UBGA



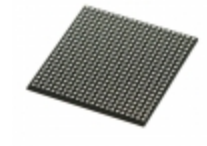
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Intel
IC FPGA 208 I/O 484FBGA



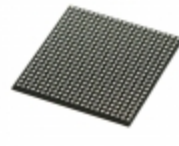
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Intel
IC FPGA 480 I/O 896FBGA



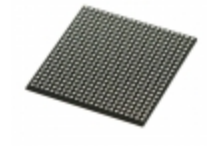
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Intel
IC FPGA 240 I/O 484FBGA



5CGXFC4C6U19I7N

Intel
IC FPGA 224 I/O 484UBGA



5CGXFC7C6F23C7N

Intel
IC FPGA 240 I/O 484FBGA



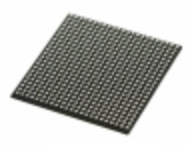
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Intel
IC FPGA 208 I/O 484UBGA



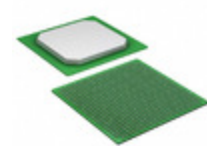
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Intel
IC FPGA 240 I/O 484FBGA



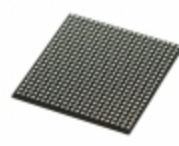
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Intel
IC FPGA 224 I/O 484UBGA



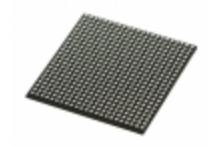
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Intel
IC FPGA 336 I/O 672FBGA



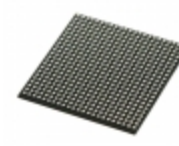
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Intel
IC FPGA 208 I/O 484FBGA



5CGXFC3B7F23C8N

Intel
IC FPGA 208 I/O 484FBGA



5CGXFC5C7F23C8N

Intel
IC FPGA 240 I/O 484FBGA



5CGXBC4C6U19C7N

Intel
IC FPGA 224 I/O 484UBGA

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.

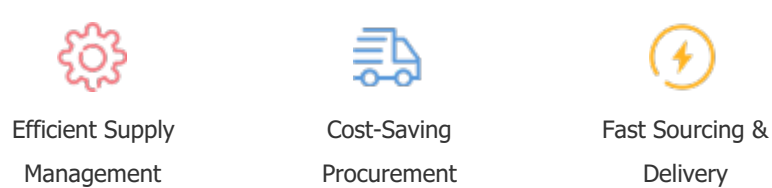
Contact us if you have any questions.

Payment Support

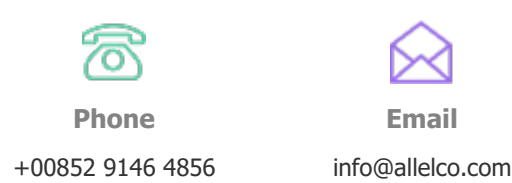
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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