

Image may be representation.
See specifications for product details.



5CGXFC3B6F23C7N

Manufacturer Part Number **5CGXFC3B6F23C7N**

Manufacturer **Intel**

Allelco Part Number **32D-5CGXFC3B6F23C7N**

ECAD Model Request Free CAD Models

Parts Description **IC FPGA 208 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

5CGXFC3B6F23C7N - Intel.New Original in Stock. Download Linear Technology 5CGXFC3B6F23C7N datasheet/specifications on AllelcoElec.com.
Request a quote for 5CGXFC3B6F23C7N, please send us email: info@allelco.com

Specifications

5CGXFC3B6F23C7N Tech Specifications

5CGXFC3B6F23C7N - 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	31500
Total RAM Bits	1381376	Number of LABs/CLBs	11900
Supplier Device Package	484-FBGA (23x23)	Number of I/O	208
Series	Cyclone® V GX	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	5CGXFC3
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CGXFC3B6F23C7N

Product Attribute				
Part Number	5CGXFC3B6F23C7N	5CGXFC4C7F27C8N	5CGTFD7D5F27C7N	5CGTFD7D5F31I7N
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	484-FBGA (23x23)	672-FBGA (27x27)	672-FBGA (27x27)	896-FBGA (31x31)
Number of I/O	208	336	336	480
Series	Cyclone® V GX	Cyclone® V GX	Cyclone® V GT	Cyclone® V GT
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V
Total RAM Bits	1381376	2862080	7880704	7880704
Number of LABs/CLBs	11900	18868	56480	56480
Package / Case	484-BGA	672-BGA	672-BGA	896-BGA
Base Product Number	5CGXFC3	5CGXFC4	5CGTFD7	5CGTFD7
Number of Logic Elements/Cells	31500	50000	149500	149500

5CGXFC3B6F23C7N Datasheet PDF

Download 5CGXFC3B6F23C7N pdf datasheets and Intel documentation for 5CGXFC3B6F23C7N - 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](#)

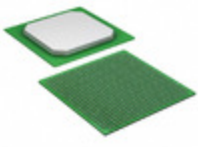
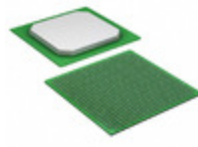


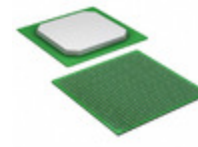
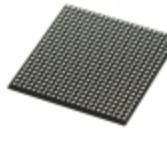
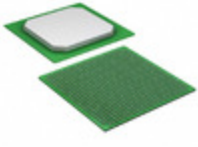
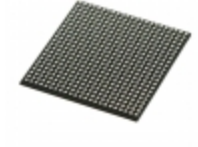
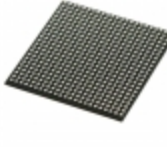
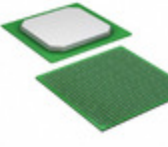




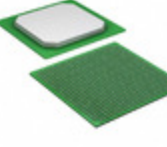
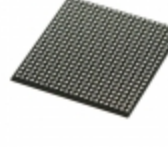
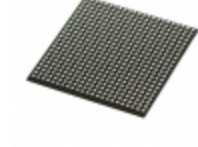
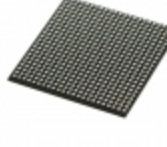
[Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Errata

[2.73KHz.pdf](#)

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Recommended Products

					
5CGXFC4C7F27C8N	5CGTFD7D5F27C7N	5CGTFD7D5F31I7N	5CGXBC4C6U19C7N	5CGTFD9D5F27I7N	5CGXFC5C6U19I7N
Intel IC FPGA 336 I/O 672FBGA	Intel IC FPGA 336 I/O 672FBGA	Intel IC FPGA 480 I/O 896FBGA	Intel IC FPGA 224 I/O 484UBGA	Intel IC FPGA 336 I/O 672FBGA	Intel IC FPGA 224 I/O 484UBGA
					
5CGXFC5C6F27C7N	5CGXFC4C6F23C7N	5CGXBC3B7F23C8N	5CGTFD7D5F27I7N	5CGXFC5C6F23I7N	5CGXBC9E6F31C7N
Intel IC FPGA 336 I/O 672FBGA	Intel IC FPGA 240 I/O 484FBGA	Intel IC FPGA 208 I/O 484FBGA	Intel IC FPGA 336 I/O 672FBGA	Intel IC FPGA 240 I/O 484FBGA	Intel IC FPGA 480 I/O 896FBGA
					
5CGXFC4C6U19I7N	5CGTFD9E5F31I7N	5CGXFC5C6F27I7N	5CGXBC3B6U19C7N	5CGXFC3B7F23C8N	5CGXFC4C6F23C6N
Intel IC FPGA 224 I/O 484UBGA	Intel IC FPGA 480 I/O 896FBGA	Intel IC FPGA 336 I/O 672FBGA	Intel IC FPGA 208 I/O 484UBGA	Intel IC FPGA 208 I/O 484FBGA	Intel IC FPGA 240 I/O 484FBGA

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.



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