

Image may be representation.
See specifications for product details.



5CEBA5F23C7N

Manufacturer Part Number	5CEBA5F23C7N
Manufacturer	Intel
Allelco Part Number	32D-5CEBA5F23C7N
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

Get a Quote

5CEBA5F23C7N - Intel.New Original in Stock. Download Linear Technology 5CEBA5F23C7N datasheet/specifications on AllelcoElec.com.
Request a quote for 5CEBA5F23C7N, please send us email: info@allelco.com

Specifications

5CEBA5F23C7N Tech Specifications
5CEBA5F23C7N - 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 E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	5CEBA5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CEBA5F23C7N

Product Attribute				
Part Number	5CEBA5F23C7N	5CEBA7F23C8N	5CEBA7F27C7N	5CEBA7U19C7N
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	77000	149500	149500	149500
Supplier Device Package	484-FBGA (23x23)	484-FBGA (23x23)	672-FBGA (27x27)	484-UBGA (19x19)
Total RAM Bits	5001216	7880704	7880704	7880704
Base Product Number	5CEBA5	5CEBA7	5CEBA7	5CEBA7
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V
Package / Case	484-BGA	484-BGA	672-BGA	484-FBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Cyclone® V E	Cyclone® V E	Cyclone® V E	Cyclone® V E
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	29080	56480	56480	56480
Package	Tray	Tray	Tray	Tray
Number of I/O	240	240	336	240

5CEBA5F23C7N Datasheet PDF

Download 5CEBA5F23C7N pdf datasheets and Intel documentation for 5CEBA5F23C7N - 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

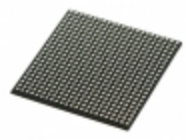
Mult Dev Software Chgs 3/Jun/2021.pdf

Errata

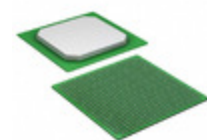
Cyclone V GX,GT,E Errata.pdf

Customers Also Interested in

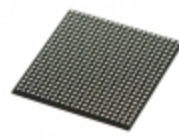
Recommended Products



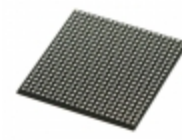
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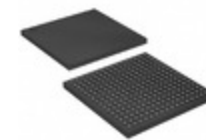
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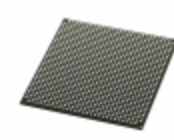
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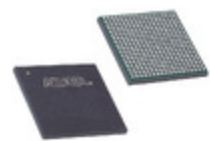
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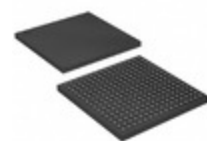
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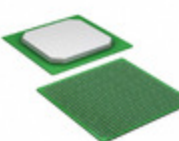
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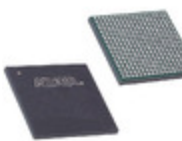
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IC FPGA 176 I/O 324UBGA



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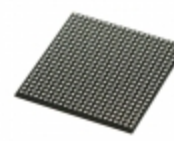
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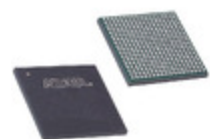
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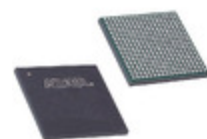
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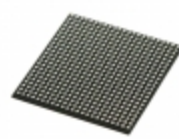
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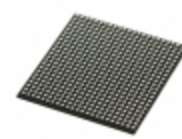
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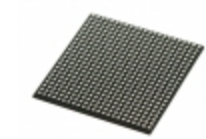
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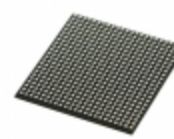
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Intel
IC FPGA 224 I/O 484FBGA



5CEBA5F23C8N
Intel
IC FPGA 240 I/O 484FBGA



5CEBA4U19C7N
Intel
IC FPGA 224 I/O 484UBGA



5CEBA7F23C7N
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

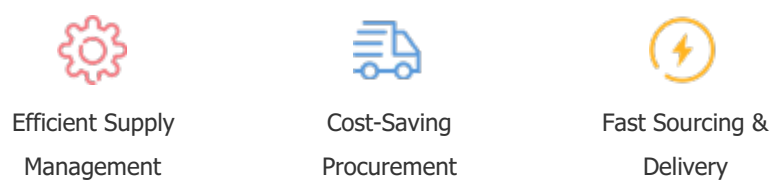
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

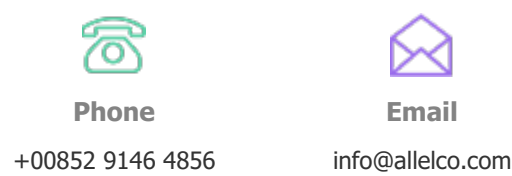
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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