

Image may be representation.
See specifications for product details.



5CEBA2F17C6N

Manufacturer Part Number	5CEBA2F17C6N
Manufacturer	Intel
Allelco Part Number	32D-5CEBA2F17C6N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 128 I/O 256FBGA
Package	256-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone V Device Handbook.pdf Cyclone V Device Overview.pdf
RoHs Status	RoHS Compliant

Get a Quote

5CEBA2F17C6N - Intel.New Original in Stock. Download Linear Technology 5CEBA2F17C6N datasheet/specifications on AllelcoElec.com.
Request a quote for 5CEBA2F17C6N, please send us email: info@allelco.com

Specifications

5CEBA2F17C6N Tech Specifications

5CEBA2F17C6N - 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	25000
Total RAM Bits	2002944	Number of LABs/CLBs	9434
Supplier Device Package	256-FBGA (17x17)	Number of I/O	128
Series	Cyclone® V E	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	5CEBA2
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CEBA2F17C6N

Product Attribute				
Part Number	5CEBA2F17C6N	5CEBA4F1717N	5CEBA4F23C7N	5CEBA4U15C8N
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	256-LBGA	256-LBGA	484-BGA	324-LFBGA
Number of Logic Elements/Cells	25000	49000	49000	49000
Number of I/O	128	128	224	176
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	484-FBGA (23x23)	324-UBGA (15x15)
Package	Tray	Tray	Tray	Tray
Total RAM Bits	2002944	3464192	3464192	3464192
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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)
Base Product Number	5CEBA2	5CEBA4	5CEBA4	5CEBA4
Number of LABs/CLBs	9434	18480	18480	18480
Series	Cyclone® V E	Cyclone® V E	Cyclone® V E	Cyclone® V E

5CEBA2F17C6N Datasheet PDF

Download 5CEBA2F17C6N pdf datasheets and Intel documentation for 5CEBA2F17C6N - 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

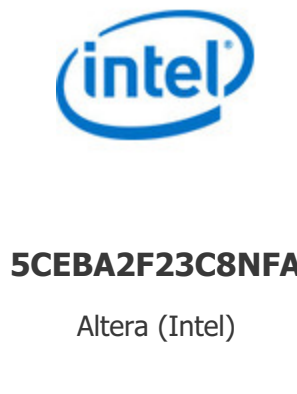
Mult Dev Software Chgs 3/Jun/2021.pdf

Errata

2.73KHz.pdf

Customers Also Interested in

Recommended Products



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

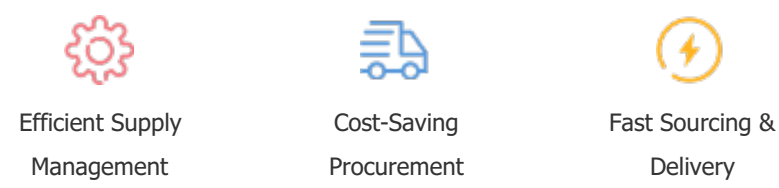
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

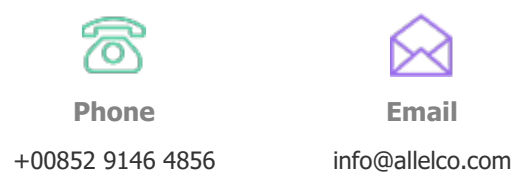
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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