

Image may be representation.  
See specifications for product details.



## 5CEFA7U19C7N

Manufacturer Part Number	<b>5CEFA7U19C7N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-5CEFA7U19C7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 240 I/O 484UBGA
Package	484-FBGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Cyclone V Device Handbook.pdf</a> <a href="#">Cyclone V Device Overview.pdf</a>
RoHs Status	RoHS Compliant

**Get a Quote**

5CEFA7U19C7N - Intel.New Original in Stock. Download Linear Technology 5CEFA7U19C7N datasheet/specifications on AllelcoElec.com.  
Request a quote for 5CEFA7U19C7N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

5CEFA7U19C7N Tech Specifications  
5CEFA7U19C7N - 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	149500
Total RAM Bits	7880704	Number of LABs/CLBs	56480
Supplier Device Package	484-UBGA (19x19)	Number of I/O	240
Series	Cyclone® V E	Mounting Type	Surface Mount
Package / Case	484-FBGA	Base Product Number	5CEFA7
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CEFA7U19C7N

Product Attribute				
Part Number	5CEFA7U19C7N	5CEFA9F27I7N	5CEFA9F23C8N	5CEFA7F27C8N
Manufacturer	Intel	Intel	Intel	Intel
Base Product Number	5CEFA7	5CEFA9	5CEFA9	5CEFA7
Number of LABs/CLBs	56480	113560	113560	56480
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	149500	301000	301000	149500
Total RAM Bits	7880704	14251008	14251008	7880704
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V	1.07V ~ 1.13V
Series	Cyclone® V E	Cyclone® V E	Cyclone® V E	Cyclone® V E
Supplier Device Package	484-UBGA (19x19)	672-FBGA (27x27)	484-FBGA (23x23)	672-FBGA (27x27)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	240	336	224	336
Package / Case	484-FBGA	672-BGA	484-BGA	672-BGA

### 5CEFA7U19C7N Datasheet PDF

Download 5CEFA7U19C7N pdf datasheets and Intel documentation for 5CEFA7U19C7N - 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



## 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

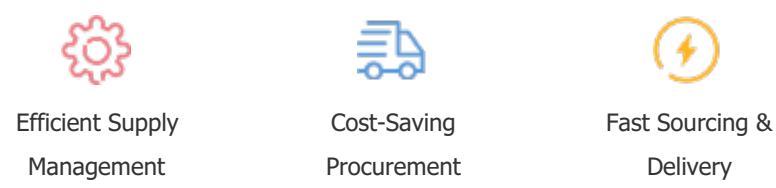
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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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