

Image may be representation.  
See specifications for product details.



## EP1K100FC484-1

Manufacturer Part Number	<b>EP1K100FC484-1</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP1K100FC484-1
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 333 I/O 484FBGA
Package	484-BBGA
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

EP1K100FC484-1 - Intel.New Original in Stock. Download Linear Technology EP1K100FC484-1 datasheet/specifications on AllelcoElec.com.  
Request a quote for EP1K100FC484-1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP1K100FC484-1 Tech Specifications

EP1K100FC484-1 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	2.375V ~ 2.625V	Number of Logic Elements/Cells	4992
Total RAM Bits	49152	Number of LABs/CLBs	624
Supplier Device Package	484-FBGA (23x23)	Number of I/O	333
Series	ACEX-1K®	Number of Gates	257000
Package / Case	484-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EP1K100

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1K100FC484-1

Product Attribute				
Part Number	EP1K100FC484-1	<b>EP1C6T14417</b>	<b>EP1K100FC484-2N</b>	<b>EP1K100FC256-1N</b>
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	4992	5980	4992	4992
Series	ACEX-1K®	Cyclone®	ACEX-1K®	ACEX-1K®
Base Product Number	EP1K100	EP1C6	EP1K100	EP1K100
Package	Tray	Tray	Tray	Tray
Supplier Device Package	484-FBGA (23x23)	144-TQFP (20x20)	484-FBGA (23x23)	256-FBGA (17x17)
Voltage - Supply	2.375V ~ 2.625V	1.425V ~ 1.575V	2.375V ~ 2.625V	2.375V ~ 2.625V
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 100°C (TJ)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Total RAM Bits	49152	92160	49152	49152
Number of I/O	333	98	333	186
Package / Case	484-BBGA	144-LQFP	484-BBGA	256-BGA
Number of Gates	257000	-	257000	257000
Number of LABs/CLBs	624	598	624	624
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### EP1K100FC484-1 Datasheet PDF

Download EP1K100FC484-1 pdf datasheets and Intel documentation for EP1K100FC484-1 - Intel.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[All Dev Pkg Chg 1/Aug/2018.pdf](#)

[Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

#### PCN Obsolescence/ EOL

[EOL 01/Dec/2016.pdf](#)

[EOL 21/Nov/2016.pdf](#)

#### PCN Other

[Software Disc 06/Nov/2020.pdf](#)

#### PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

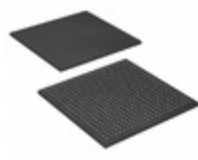
### Customers Also Interested in

## Recommended Products



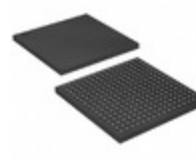
**EP1C6T144I7**

Intel  
IC FPGA 98 I/O 144TQFP



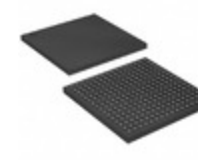
**EP1K100FC484-2N**

Intel  
IC FPGA 333 I/O 484FBGA



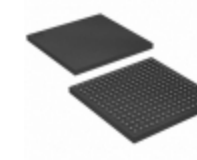
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Intel  
IC FPGA 186 I/O 256FBGA



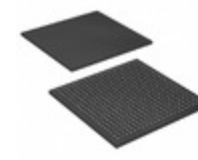
**EP1K100FC256-2**

Intel  
IC FPGA 186 I/O 256FBGA



**EP1K100FC256-1**

Intel® FPGAs  
IC FPGA 186 I/O 256FBGA



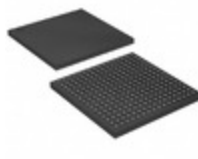
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Intel  
IC FPGA 333 I/O 484FBGA



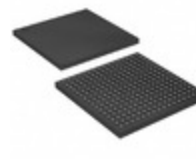
**EP1K100QC208-1**

Intel  
IC FPGA 147 I/O 208QFP



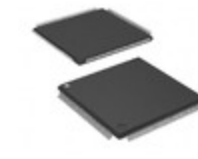
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Intel  
IC FPGA 186 I/O 256FBGA



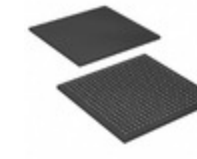
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Intel  
IC FPGA 186 I/O 256FBGA



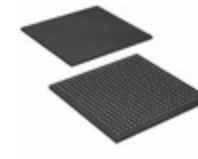
**EP1C6T144I7N**

Intel  
IC FPGA 98 I/O 144TQFP



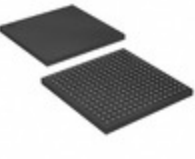
**EP1K100FI484-2**

Intel  
IC FPGA 333 I/O 484FBGA



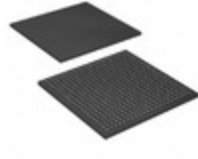
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IC FPGA 333 I/O 484FBGA



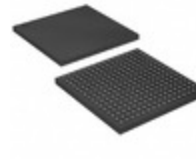
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IC FPGA 186 I/O 256FBGA



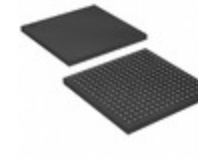
**EP1K100FC484-2**

Intel  
IC FPGA 333 I/O 484FBGA



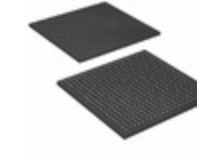
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Intel  
IC FPGA 186 I/O 256FBGA



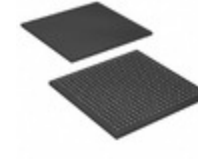
**EP1K100FC256-3**

Intel  
IC FPGA 186 I/O 256FBGA



**EP1K100FC484-3**

Intel  
IC FPGA 333 I/O 484FBGA



**EP1K100FI484-2N**

Intel  
IC FPGA 333 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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