

Image may be representation.
See specifications for product details.



EP1K100FC256-3

Manufacturer Part Number	EP1K100FC256-3
Manufacturer	Intel
Allelco Part Number	32D-EP1K100FC256-3
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 186 I/O 256FBGA
Package	256-BGA
Data sheet	256-FBGA Pkg Info.pdf Cylindrical Battery Holders.pdf

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EP1K100FC256-3 - Intel.New Original in Stock. Download Linear Technology EP1K100FC256-3 datasheet/specifications on AllelcoElec.com.
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Specifications

EP1K100FC256-3 Tech Specifications

EP1K100FC256-3 - 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	256-FBGA (17x17)	Number of I/O	186
Series	ACEX-1K®	Number of Gates	257000
Package / Case	256-BGA	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 EP1K100FC256-3

Product Attribute				
Part Number	EP1K100FC256-3	EP1K100FC484-2	EP1K100FC484-3N	EP1K100FC484-2N
Manufacturer	Intel	Intel	Intel	Intel
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of Gates	257000	257000	257000	257000
Number of Logic Elements/Cells	4992	4992	4992	4992
Series	ACEX-1K®	ACEX-1K®	ACEX-1K®	ACEX-1K®
Total RAM Bits	49152	49152	49152	49152
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of LABs/CLBs	624	624	624	624
Supplier Device Package	256-FBGA (17x17)	484-FBGA (23x23)	484-FBGA (23x23)	484-FBGA (23x23)
Package / Case	256-BGA	484-BBGA	484-BBGA	484-BBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	186	333	333	333
Base Product Number	EP1K100	EP1K100	EP1K100	EP1K100

EP1K100FC256-3 Datasheet PDF

Download EP1K100FC256-3 pdf datasheets and Intel documentation for EP1K100FC256-3 - Intel.

Datasheets

[256-FBGA Pkg Info.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](#)

HTML Datasheet

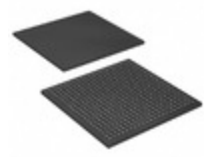
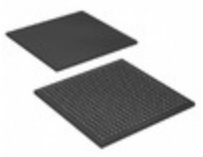
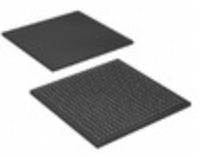
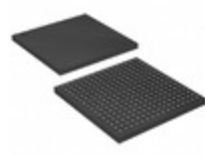
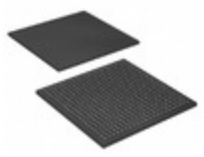
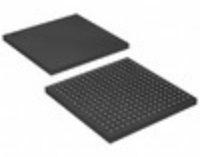


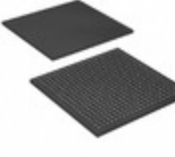

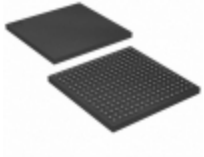
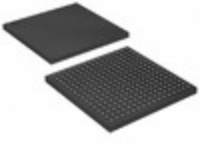
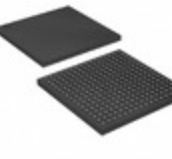
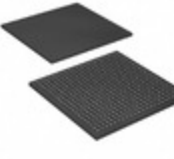
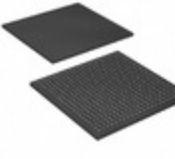

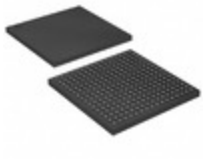
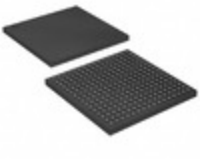
[Cylindrical Battery Holders.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

 EP1K100FC484-2 Intel IC FPGA 333 I/O 484FBGA	 EP1K100FC484-3N Intel IC FPGA 333 I/O 484FBGA	 EP1K100FC484-2N Intel IC FPGA 333 I/O 484FBGA	 EP1K100FC256-1N Intel IC FPGA 186 I/O 256FBGA	 EP1K100FC484-3 Intel IC FPGA 333 I/O 484FBGA	 EP1K100FC256-2 Intel IC FPGA 186 I/O 256FBGA
 EP1C6T144C8N Intel IC FPGA 98 I/O 144TQFP	 EP1C6T144I7 Intel IC FPGA 98 I/O 144TQFP	 EP1K100FC484-1 Intel IC FPGA 333 I/O 484FBGA	 EP1C6T144I6N Altera (Intel)	 EP1K100FC256-1 Intel® FPGAs IC FPGA 186 I/O 256FBGA	 EP1K100FI256-2 Intel IC FPGA 186 I/O 256FBGA
 EP1K100FC256-3N Intel IC FPGA 186 I/O 256FBGA	 EP1K100FI484-2 Intel IC FPGA 333 I/O 484FBGA	 EP1K100FC484-1N Intel IC FPGA 333 I/O 484FBGA	 EP1C6T144I7N Intel IC FPGA 98 I/O 144TQFP	 EP1K100FI256-2N Intel IC FPGA 186 I/O 256FBGA	 EP1K100FC256-2N Intel IC FPGA 186 I/O 256FBGA

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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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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