

Image may be representation.
See specifications for product details.



EPF10K50VBC356-2

Manufacturer Part Number	EPF10K50VBC356-2
Manufacturer	Intel
Allelco Part Number	32D-EPF10K50VBC356-2
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 274 I/O 356BGA
Package	356-LBGA
Data sheet	FLEX 10K.pdf

Get a Quote

EPF10K50VBC356-2 - Intel.New Original in Stock. Download Linear Technology EPF10K50VBC356-2 datasheet/specifications on AllelcoElec.com.
Request a quote for EPF10K50VBC356-2, please send us email: info@allelco.com

Specifications

EPF10K50VBC356-2 Tech Specifications
EPF10K50VBC356-2 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	3V ~ 3.6V	Number of Logic Elements/Cells	2880
Total RAM Bits	20480	Number of LABs/CLBs	360
Supplier Device Package	356-BGA (35x35)	Number of I/O	274
Series	FLEX-10K®	Number of Gates	116000
Package / Case	356-LBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF10K50

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF10K50VBC356-2

Product Attribute				
Part Number	EPF10K50VBC356-2	EPF10K50VFC484-3	EPF10K50SQC240-3N	EPF10K50SQC240-2N
Manufacturer	Intel	Altera	Intel	Intel
Total RAM Bits	20480	40960	40960	40960
Package	Tray	Bulk	Tray	Tray
Base Product Number	EPF10K50	-	EPF10K50	EPF10K50
Number of Gates	116000	116000	199000	199000
Number of LABs/CLBs	360	360	360	360
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of Logic Elements/Cells	2880	2880	2880	2880
Package / Case	356-LBGA	484-BBGA	240-BFQFP	240-BFQFP
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of I/O	274	291	189	189
Supplier Device Package	356-BGA (35x35)	484-FBGA (23x23)	240-PQFP (32x32)	240-PQFP (32x32)
Series	FLEX-10K®	FLEX-10K®	FLEX-10KS®	FLEX-10KS®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EPF10K50VBC356-2 Datasheet PDF

Download EPF10K50VBC356-2 pdf datasheets and Intel documentation for EPF10K50VBC356-2 - Intel.

Datasheets

[FLEX 10K.pdf](#)

PCN Packaging

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

PCN Obsolescence/ EOL

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

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

PCN Other

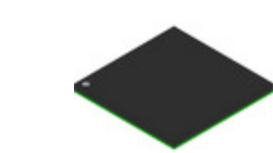
[Software Disc 06/Nov/2020.pdf](#)

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.pdf](#)

Customers Also Interested in

Recommended Products



EPF10K50VFC484-3

Altera
IC FPGA 291 I/O 484FBGA



EPF10K50SQC240-3N

Intel
IC FPGA 189 I/O 240QFP



EPF10K50SQC240-2N

Intel
IC FPGA 189 I/O 240QFP



EPF10K50VRC240-1

Intel
IC FPGA 189 I/O 240RQFP



EPF10K50VQC240-3

Intel
IC FPGA 189 I/O 240QFP



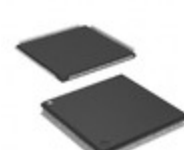
EPF10K50SQC240-2

Intel
IC FPGA 189 I/O 240QFP



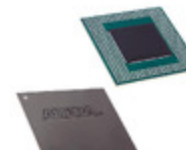
EPF10K50STC144-3

Intel
IC FPGA 102 I/O 144TQFP



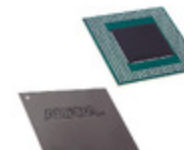
EPF10K50STC144-2

Intel
IC FPGA 102 I/O 144TQFP



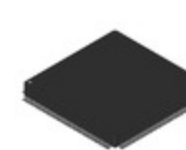
EPF10K50VBC356-1

Intel
IC FPGA 274 I/O 356BGA



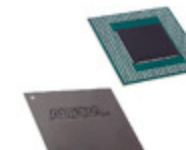
EPF10K50VBI356-3

Intel
IC FPGA 274 I/O 356BGA



EPF10K50SQC240-1X

Altera
IC FPGA 189 I/O 240QFP



EPF10K50VBC356-3

Intel
IC FPGA 274 I/O 356BGA



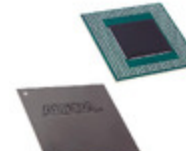
EPF10K50VQC240-1

Intel
IC FPGA 189 I/O 240QFP



EPF10K50SQC240-1N

Intel
IC FPGA 189 I/O 240QFP



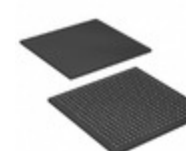
EPF10K50VBC356-4

Intel
IC FPGA 274 I/O 356BGA



EPF10K50SQC240-1X

Intel
IC FPGA 189 I/O 240QFP



EPF10K50VFC484-3

Intel
IC FPGA 291 I/O 484FBGA



EPF10K50VQC240-3N

Intel
IC FPGA 189 I/O 240QFP

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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