

Image may be representation.
See specifications for product details.



EPF10K100EQC240-1

Manufacturer Part Number	EPF10K100EQC240-1
Manufacturer	Intel
Allelco Part Number	32D-EPF10K100EQC240-1
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 189 I/O 240QFP
Package	240-BFQFP
Data sheet	FLEX 10K Embedded.pdf FLEX 10KE Device Data Sheet.pdf

Get a Quote

EPF10K100EQC240-1 - Intel.New Original in Stock. Download Linear Technology EPF10K100EQC240-1 datasheet/specifications on AllelcoElec.com.
Request a quote for EPF10K100EQC240-1, please send us email: info@allelco.com

Specifications

EPF10K100EQC240-1 Tech Specifications
EPF10K100EQC240-1 - 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	240-PQFP (32x32)	Number of I/O	189
Series	FLEX-10KE®	Number of Gates	257000
Package / Case	240-BFQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF10K100

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF10K100EQC240-1

Product Attribute				
Part Number	EPF10K100EQC240-1	EPF10K100EFT484-2	EPF10K100EQC240-1N	EPF10K100EQC240-2
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Total RAM Bits	49152	49152	49152	49152
Package / Case	240-BFQFP	484-BBGA	240-BFQFP	240-BFQFP
Base Product Number	EPF10K100	EPF10K100	EPF10K100	EPF10K100
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°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
Number of I/O	189	338	189	189
Supplier Device Package	240-PQFP (32x32)	484-FBGA (23x23)	240-PQFP (32x32)	240-PQFP (32x32)
Series	FLEX-10KE®	FLEX-10KE®	FLEX-10KE®	FLEX-10KE®
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	624	624	624	624
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EPF10K100EQC240-1 Datasheet PDF

Download EPF10K100EQC240-1 pdf datasheets and Intel documentation for EPF10K100EQC240-1 - Intel.

Datasheets

- [FLEX 10K Embedded.pdf](#)
- [FLEX 10KE Device Data Sheet.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

					
EPF10K100EFI484-2 Intel IC FPGA 338 I/O 484FBGA	EPF10K100EQC240-1N Intel IC FPGA 189 I/O 240QFP	EPF10K100EQC240-2 Intel IC FPGA 189 I/O 240QFP	EPF10K100EFC256-3N Intel IC FPGA 191 I/O 256FBGA	EPF10K100EFC256-2X Altera IC FPGA 191 I/O 256FBGA	EPF10K100EFC484-2X Altera IC FPGA 338 I/O 484FBGA
					
EPF10K100EFC484-1N Intel IC FPGA 338 I/O 484FBGA	EPF10K100EQC240-2X Altera IC FPGA 189 I/O 240QFP	EPF10K100EQC240-2 Altera IC FPGA 189 I/O 240QFP	EPF10K100EFC484-1 Intel IC FPGA 338 I/O 484FBGA	EPF10K100EFC484-2X Intel IC FPGA 338 I/O 484FBGA	EPF10K100EFI256-2 Intel IC FPGA 191 I/O 256FBGA
					
EPF10K100EFC484-3 Intel IC FPGA 338 I/O 484FBGA	EPF10K100EQC240-2X Intel IC FPGA 189 I/O 240QFP	EPF10K100EQC240-2N Intel IC FPGA 189 I/O 240QFP	EPF10K100EQC240-1N Altera IC FPGA 189 I/O 240QFP	EPF10K100EQC240-3N Intel IC FPGA 189 I/O 240QFP	EPF10K100EQC240-2N Altera 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.

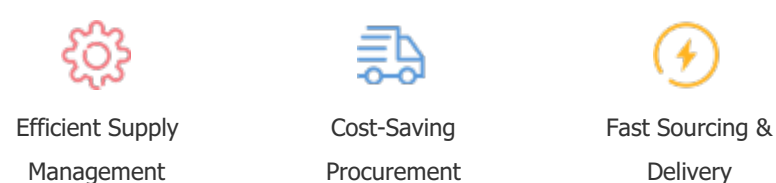
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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