

Image may be representation.
See specifications for product details.



EPF10K50EQC240-2N

Manufacturer Part Number	EPF10K50EQC240-2N
Manufacturer	Intel
Allelco Part Number	32D-EPF10K50EQC240-2N
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

EPF10K50EQC240-2N - Intel.New Original in Stock. Download Linear Technology EPF10K50EQC240-2N datasheet/specifications on AllelcoElec.com.
Request a quote for EPF10K50EQC240-2N, please send us email: info@allelco.com

Specifications

EPF10K50EQC240-2N Tech Specifications
EPF10K50EQC240-2N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	2.3V ~ 2.7V	Number of Logic Elements/Cells	2880
Total RAM Bits	40960	Number of LABs/CLBs	360
Supplier Device Package	240-PQFP (32x32)	Number of I/O	189
Series	FLEX-10KE®	Number of Gates	199000
Package / Case	240-BFQFP	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 EPF10K50EQC240-2N

Product Attribute				
Part Number	EPF10K50EQC240-2N	EPF10K50ETC144-3	EPF10K50EQC240-3N	EPF10K50EQC208-3
Manufacturer	Intel	Intel	Intel	Intel
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	199000	199000	199000	199000
Number of Logic Elements/Cells	2880	2880	2880	2880
Number of LABs/CLBs	360	360	360	360
Supplier Device Package	240-PQFP (32x32)	144-TQFP (20x20)	240-PQFP (32x32)	208-PQFP (28x28)
Package	Tray	Tray	Tray	Tray
Voltage - Supply	2.3V ~ 2.7V	2.3V ~ 2.7V	2.3V ~ 2.7V	2.3V ~ 2.7V
Package / Case	240-BFQFP	144-LQFP	240-BFQFP	208-BFQFP
Base Product Number	EPF10K50	EPF10K50	EPF10K50	EPF10K50
Series	FLEX-10KE®	FLEX-10KE®	FLEX-10KE®	FLEX-10KE®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	189	102	189	147
Total RAM Bits	40960	40960	40960	40960

EPF10K50EQC240-2N Datasheet PDF

Download EPF10K50EQC240-2N pdf datasheets and Intel documentation for EPF10K50EQC240-2N - 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

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

Customers Also Interested in

Recommended Products



EPF10K50ETC144-3

Intel
IC FPGA 102 I/O 144TQFP



EPF10K50EQC240-3N

Intel
IC FPGA 189 I/O 240QFP



EPF10K50EQC208-3

Intel
IC FPGA 147 I/O 208QFP



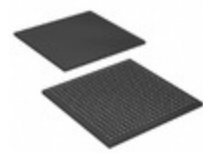
EPF10K50ETI144-2N

Intel
IC FPGA 102 I/O 144TQFP



EPF10K50EQC240-1

Intel
IC FPGA 189 I/O 240QFP



EPF10K50EFC484-1

Intel
IC FPGA 220 I/O 484FBGA



EPF10K50EQI240-2

Intel
IC FPGA 189 I/O 240QFP



EPF10K50EQC240-2

Intel
IC FPGA 189 I/O 240QFP



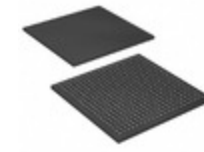
EPF10K50EQC208-1

Intel
IC FPGA 147 I/O 208QFP



EPF10K50EQC240-3

Intel
IC FPGA 189 I/O 240QFP



EPF10K50EFC484-3

Intel
IC FPGA 220 I/O 484FBGA



EPF10K50ETC144-1

Intel
IC FPGA 102 I/O 144TQFP



EPF10K50ETI144-2

Intel
IC FPGA 102 I/O 144TQFP



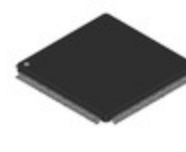
EPF10K50EQC240-1N

Intel
IC FPGA 189 I/O 240QFP



EPF10K50EQC208-3

Altera
IC FPGA 147 I/O 208QFP



EPF10K50ETC144-2

Altera
IC FPGA 102 I/O 144TQFP



EPF10K50EQI240-2N

Intel
IC FPGA 189 I/O 240QFP



EPF10K50ETC144-2

Intel
IC FPGA 102 I/O 144TQFP

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



View More