



Image may be representation.
See specifications for product details.



EPF10K70RC240-4N

Manufacturer Part Number	EPF10K70RC240-4N
Manufacturer	Intel
Allelco Part Number	32D-EPF10K70RC240-4N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 189 I/O 240RQFP
Package	240-BFQFP Exposed Pad
Data sheet	FLEX 10K.pdf

Get a Quote

EPF10K70RC240-4N - Intel.New Original in Stock. Download Linear Technology EPF10K70RC240-4N datasheet/specifications on AllelcoElec.com.
Request a quote for EPF10K70RC240-4N, please send us email: info@allelco.com

Specifications

EPF10K70RC240-4N Tech Specifications
EPF10K70RC240-4N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	4.75V ~ 5.25V	Number of Logic Elements/Cells	3744
Total RAM Bits	18432	Number of LABs/CLBs	468
Supplier Device Package	240-RQFP (32x32)	Number of I/O	189
Series	FLEX-10K®	Number of Gates	118000
Package / Case	240-BFQFP Exposed Pad	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF10K70

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF10K70RC240-4N

Product Attribute				
Part Number	EPF10K70RC240-4N	EPF10K70RC240-3N	EPF10K50VRC240-3	EPF6010ATC100-2N
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	240-RQFP (32x32)	240-RQFP (32x32)	240-RQFP (32x32)	100-TQFP (14x14)
Number of Logic Elements/Cells	3744	3744	2880	880
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Number of I/O	189	189	189	71
Series	FLEX-10K®	FLEX-10K®	FLEX-10K®	FLEX 6000
Total RAM Bits	18432	18432	20480	-
Base Product Number	EPF10K70	EPF10K70	EPF10K50	EPF6010
Number of Gates	118000	118000	116000	10000
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 85°C (TJ)
Package / Case	240-BFQFP Exposed Pad	240-BFQFP Exposed Pad	240-BFQFP Exposed Pad	100-TQFP
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	3V ~ 3.6V	3V ~ 3.6V
Number of LABs/CLBs	468	468	360	88

EPF10K70RC240-4N Datasheet PDF

Download EPF10K70RC240-4N pdf datasheets and Intel documentation for EPF10K70RC240-4N - Intel.

Datasheets

[FLEX 10K.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](#)







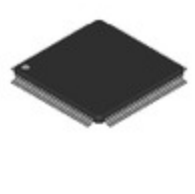







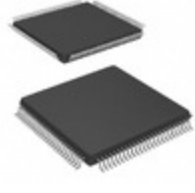
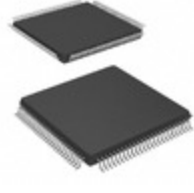
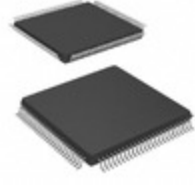
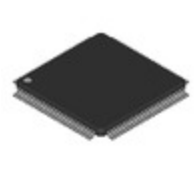
PCN Design/Specification

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

[Laser Mark 17/Feb/2016.pdf](#)

Customers Also Interested in

Recommended Products

					
EPF10K70RC240-3N	EPF10K50VRC240-3	EPF6010ATC100-2N	EPF10K50VRI240-4	EPF10K70RC240-3	EPF10K70RC240-4
Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 71 I/O 100TQFP	Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 189 I/O 240RQFP
					
EPF6010ATC100-2	EPF10K50VRC240-4	EPF10K50VRC240-3N	EPF6010ATC144-1	EPF6010ATC100-3	EPF6010ATC100-1N
Altera IC FPGA 71 I/O 100TQFP	Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 102 I/O 144TQFP	Intel IC FPGA 71 I/O 100TQFP	Intel IC FPGA 71 I/O 100TQFP
					
EPF10K50VRI240-4N	EPF10K50VRC240-4N	EPF6010ATC100-1	EPF6010ATC100-3N	EPF6010ATC100-2	EPF6010ATC100-1
Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 189 I/O 240RQFP	Intel IC FPGA 71 I/O 100TQFP	Intel IC FPGA 71 I/O 100TQFP	Intel IC FPGA 71 I/O 100TQFP	Altera IC FPGA 71 I/O 100TQFP

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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