

Image may be representation.  
See specifications for product details.



## EPF6016QC240-2N

Manufacturer Part Number **EPF6016QC240-2N**

Manufacturer **Intel**

Allelco Part Number **32D-EPF6016QC240-2N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 199 I/O 240QFP**

Package **240-BFQFP**

Data sheet **[FLEX 10K Embedded.pdf](#)**

**[FLEX 6000 Device Family Data Sheet.pdf](#)**

**Get a Quote**

EPF6016QC240-2N - Intel.New Original in Stock. Download Linear Technology EPF6016QC240-2N datasheet/specifications on AllelcoElec.com.

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### Specifications

EPF6016QC240-2N Tech Specifications

EPF6016QC240-2N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Logic Elements/Cells	1320
Voltage - Supply	4.75V ~ 5.25V	Number of LABs/CLBs	132
Supplier Device Package	240-PQFP (32x32)	Number of I/O	199
Series	FLEX 6000	Number of Gates	16000
Package / Case	240-BFQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF6016
Operating Temperature	0°C ~ 85°C (TJ)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF6016QC240-2N

Product Attribute				
Part Number	EPF6016QC240-2N	<a href="#">EPF6016TC144-2</a>	<a href="#">EPF6016BC256-2</a>	<a href="#">EPF6016QC240-3</a>
Manufacturer	Intel	Intel	Altera	Intel
Base Product Number	EPF6016	EPF6016	-	EPF6016
Number of LABs/CLBs	132	132	132	132
Number of Logic Elements/Cells	1320	1320	1320	1320
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Bulk	Tray
Number of Gates	16000	16000	16000	16000
Package / Case	240-BFQFP	144-LQFP	256-BGA	240-BFQFP
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	FLEX 6000	FLEX 6000	FLEX 6000	FLEX 6000
Supplier Device Package	240-PQFP (32x32)	144-TQFP (20x20)	256-FBGA (17x17)	240-PQFP (32x32)
Number of I/O	199	117	204	199

### EPF6016QC240-2N Datasheet PDF

Download EPF6016QC240-2N pdf datasheets and Intel documentation for EPF6016QC240-2N - Intel.

#### Datasheets

[FLEX 10K Embedded.pdf](#)

[FLEX 6000 Device Family 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](#)

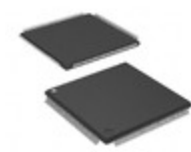
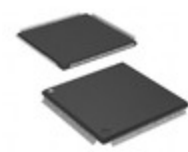
#### PCN Other

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

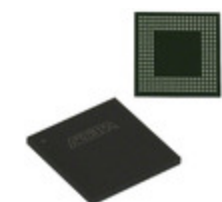
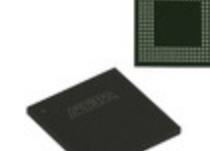
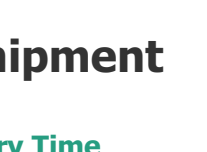
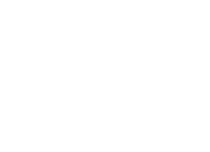
### Customers Also Interested in

#### Recommended Products



**EPF6016TC144-2**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016BC256-2**Altera  
IC FPGA 204 I/O 256FBGA**EPF6016QC240-3**Intel  
IC FPGA 199 I/O 240QFP**EPF6016QC208-2**Intel  
IC FPGA 171 I/O 208QFP**EPF6016ATI144-3N**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016QC240**

Altera (Intel)

**EPF6016QC208-3N**Intel  
IC FPGA 171 I/O 208QFP**EPF6016TC144-3N**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016TC144-2N**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016TC144-3**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016QC208-3**Intel  
IC FPGA 171 I/O 208QFP**EPF6016BC256-2**Intel  
IC FPGA 204 I/O 256BGA**EPF6016QC208-2N**Intel  
IC FPGA 171 I/O 208QFP**EPF6016QI208-3N**Intel  
IC FPGA 171 I/O 208QFP**EPF6016QC240-2**Intel  
IC FPGA 199 I/O 240QFP**EPF6016QI208-3**Intel  
IC FPGA 171 I/O 208QFP**EPF6016BC256-3**Intel  
IC FPGA 204 I/O 256BGA**EPF6016QC240-3N**Intel  
IC FPGA 199 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.



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Contact us if you have any questions.



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