



Image may be representation.  
See specifications for product details.



## EPF6016TI144-3N

Manufacturer Part Number **EPF6016TI144-3N**

Manufacturer **Intel**

Allelco Part Number **32D-EPF6016TI144-3N**

ECAD Model Request Free CAD Models

Parts Description **IC FPGA 117 I/O 144TQFP**

Package **144-LQFP**

Data sheet **FLEX 6000 Device Family Data Sheet.pdf**

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EPF6016TI144-3N - Intel.New Original in Stock. Download Linear Technology EPF6016TI144-3N datasheet/specifications on AllelcoElec.com.  
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### Specifications

EPF6016TI144-3N Tech Specifications

EPF6016TI144-3N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Logic Elements/Cells	1320
Voltage - Supply	4.5V ~ 5.5V	Number of LABs/CLBs	132
Supplier Device Package	144-TQFP (20x20)	Number of I/O	117
Series	FLEX 6000	Number of Gates	16000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF6016
Operating Temperature	-40°C ~ 100°C (TJ)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF6016TI144-3N

Product Attribute				
Part Number	EPF6016TI144-3N	EPF6016TC144-2N	EPF6016QI208-3N	EPF6024ABC256-2
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	208-PQFP (28x28)	256-BGA (27x27)
Number of Gates	16000	16000	16000	24000
Number of Logic Elements/Cells	1320	1320	1320	1960
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	FLEX 6000	FLEX 6000	FLEX 6000	FLEX 6000
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	132	132	132	196
Voltage - Supply	4.5V ~ 5.5V	4.75V ~ 5.25V	4.5V ~ 5.5V	3V ~ 3.6V
Number of I/O	117	117	171	218
Package	Tray	Tray	Tray	Tray
Base Product Number	EPF6016	EPF6016	EPF6016	EPF6024
Package / Case	144-LQFP	144-LQFP	208-BFQFP	256-BBGA

### EPF6016TI144-3N Datasheet PDF

Download EPF6016TI144-3N pdf datasheets and Intel documentation for EPF6016TI144-3N - Intel.

#### Datasheets

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

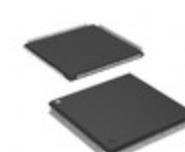
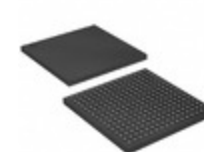
EOL 21/Nov/2016.pdf

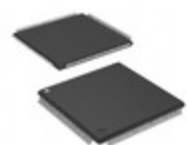
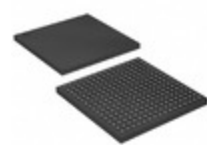
#### PCN Other

Software Disc 06/Nov/2020.pdf

### Customers Also Interested in

#### Recommended Products



**EPF6016TC144-2N**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016TC144-3N**Intel  
IC FPGA 117 I/O 144TQFP**EPF6024ABC256-1**Intel  
IC FPGA 218 I/O 256BGA**EPF6016QI208-3N**Intel  
IC FPGA 171 I/O 208QFP**EPF6024AQC208-1**Intel  
IC FPGA 171 I/O 208QFP**EPF6016TI144-3**Intel  
IC FPGA 117 I/O 144TQFP**EPF6024ABC256-2**Intel  
IC FPGA 218 I/O 256BGA**EPF6016TC144-3**Intel  
IC FPGA 117 I/O 144TQFP**EPF6024ABI256-2**Altera  
IC FPGA 218 I/O 256BGA**EPF6016TC144-2**Intel  
IC FPGA 117 I/O 144TQFP**EPF6024AFC256-1**Intel  
IC FPGA 219 I/O 256FBGA**EPF6024ABC256-3**Intel  
IC FPGA 218 I/O 256BGA**EPF6024AFC256-3**Intel  
IC FPGA 219 I/O 256FBGA**EPF6024ABI256-2**Intel  
IC FPGA 218 I/O 256BGA**EPF6016TC144-2U**

Altera (Intel)

**EPF6016TI144-2**Intel  
IC FPGA 117 I/O 144TQFP**EPF6016QI208-3**Intel  
IC FPGA 171 I/O 208QFP**EPF6024ABC256-2N**Intel  
IC FPGA 218 I/O 256BGA

## 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.

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Contact us if you have any questions.



Phone  
+00852 9146 4856



Email  
info@allelco.com

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### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com