



Image may be representation.
See specifications for product details.



EPF6016TC144-3

Manufacturer Part Number	EPF6016TC144-3
Manufacturer	Intel
Allelco Part Number	32D-EPF6016TC144-3
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

Get a Quote

EPF6016TC144-3 - Intel.New Original in Stock. Download Linear Technology EPF6016TC144-3 datasheet/specifications on AllelcoElec.com.
Request a quote for EPF6016TC144-3, please send us email: info@allelco.com

Specifications

EPF6016TC144-3 Tech Specifications
EPF6016TC144-3 - 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	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	0°C ~ 85°C (TJ)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF6016TC144-3

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

EPF6016TC144-3 Datasheet PDF

Download EPF6016TC144-3 pdf datasheets and Intel documentation for EPF6016TC144-3 - Intel.

Datasheets

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

PCN Packaging

[2.73KHz.pdf](#)

PCN Obsolescence/ EOL

[EOL 01/Dec/2016.pdf](#)

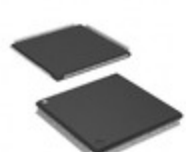
[EOL 21/Nov/2016.pdf](#)

PCN Other

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

Customers Also Interested in

Recommended Products



EPF6016TC144-3NIntel
IC FPGA 117 I/O 144TQFP**EPF6016TI144-3**Intel
IC FPGA 117 I/O 144TQFP**EPF6024ABC256-3**Intel
IC FPGA 218 I/O 256BGA**EPF6016TC144-2N**Intel
IC FPGA 117 I/O 144TQFP**EPF6016QI208-3N**Intel
IC FPGA 171 I/O 208QFP**EPF6016TC144-2U**

Altera (Intel)

EPF6024ABC256-2Intel
IC FPGA 218 I/O 256BGA**EPF6016TC144-2**Intel
IC FPGA 117 I/O 144TQFP**EPF6016QC240-2N**Intel
IC FPGA 199 I/O 240QFP**EPF6016QC240-3**Intel
IC FPGA 199 I/O 240QFP**EPF6016TI144-3N**Intel
IC FPGA 117 I/O 144TQFP**EPF6016TI144-2**Intel
IC FPGA 117 I/O 144TQFP**EPF6016QC240-3N**Intel
IC FPGA 199 I/O 240QFP**EPF6016QC240-2**Intel
IC FPGA 199 I/O 240QFP**EPF6024ABC256-1**Intel
IC FPGA 218 I/O 256BGA**EPF6016QC240**

Altera (Intel)

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

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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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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