



Image may be representation.  
See specifications for product details.



## EP1C6T144C8

Manufacturer Part Number	<b>EP1C6T144C8</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP1C6T144C8
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 98 I/O 144TQFP
Package	144-LQFP
Data sheet	<b>Virtual JTAG Megafuntion Guide.pdf</b> <b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

EP1C6T144C8 - Intel.New Original in Stock. Download Linear Technology EP1C6T144C8 datasheet/specifications on AllelcoElec.com.  
Request a quote for EP1C6T144C8, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP1C6T144C8 Tech Specifications

EP1C6T144C8 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.425V ~ 1.575V	Number of Logic Elements/Cells	5980
Total RAM Bits	92160	Number of LABs/CLBs	598
Supplier Device Package	144-TQFP (20x20)	Number of I/O	98
Series	Cyclone®	Mounting Type	Surface Mount
Package / Case	144-LQFP	Base Product Number	EP1C6
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1C6T144C8

Product Attribute				
Part Number	EP1C6T144C8	EP1C6T144C8N	EP1C6T144C7N	EP1C6T144C7
Manufacturer	Intel	Intel	Intel	Intel
Number of I/O	98	98	98	98
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Package	Tray	Tray	Tray	Tray
Base Product Number	EP1C6	EP1C6	EP1C6	EP1C6
Package / Case	144-LQFP	144-LQFP	144-LQFP	144-LQFP
Number of LABs/CLBs	598	598	598	598
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	144-TQFP (20x20)	144-TQFP (20x20)
Number of Logic Elements/Cells	5980	5980	5980	5980
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	92160	92160	92160	92160
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Cyclone®	Cyclone®	Cyclone®	Cyclone®

### EP1C6T144C8 Datasheet PDF

Download EP1C6T144C8 pdf datasheets and Intel documentation for EP1C6T144C8 - Intel.

#### Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

#### PCN Packaging

[All Dev Pkg Chg 1/Aug/2018.pdf](#)

[Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

#### PCN Design/Specification

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

#### HTML Datasheet

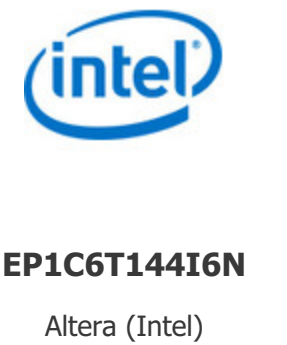
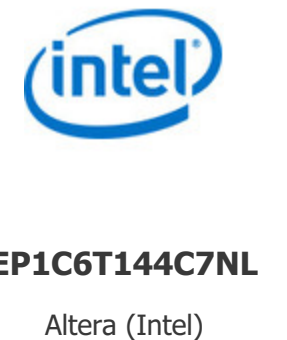
[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products



## 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

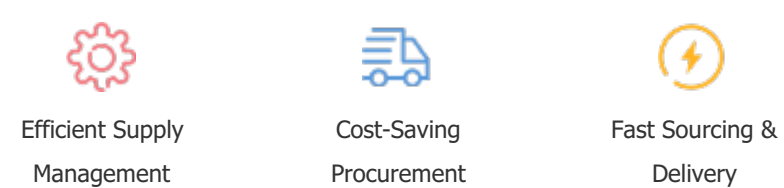
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

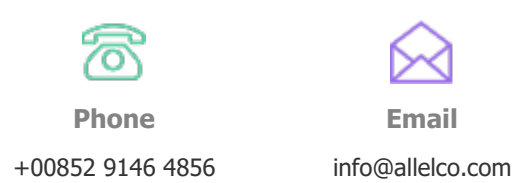
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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