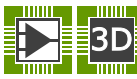




Image may be representation.  
See specifications for product details.



## EP1C3T100C6N

Manufacturer Part Number	<b>EP1C3T100C6N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP1C3T100C6N
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC FPGA 65 I/O 100TQFP
Package	100-TQFP
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">100-TQFP Pkg Info.pdf</a> <a href="#">Cyclone FPGA Family.pdf</a>

**Get a Quote**

EP1C3T100C6N - Intel.New Original in Stock. Download Linear Technology EP1C3T100C6N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP1C3T100C6N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications


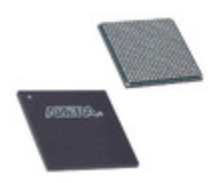

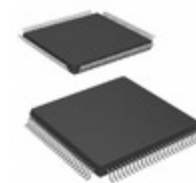
EP1C3T100C6N Tech Specifications

EP1C3T100C6N - 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	2910
Total RAM Bits	59904	Number of LABs/CLBs	291
Supplier Device Package	100-TQFP (14x14)	Number of I/O	65
Series	Cyclone®	Mounting Type	Surface Mount
Package / Case	100-TQFP	Base Product Number	EP1C3
Package	Tray		

### Parts with Similar Specifications

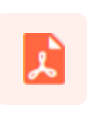
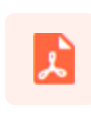
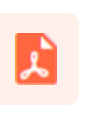
The three parts on the right have similar specifications to Intel EP1C3T100C6N

Product Attribute				
Part Number	EP1C3T100C6N	<a href="#">EP1C20F400C7N</a>	<a href="#">EP1C3T100C7</a>	<a href="#">EP1C3T100C7N</a>
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	100-TQFP (14x14)	400-FBGA (21x21)	100-TQFP (14x14)	100-TQFP (14x14)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	291	2006	291	291
Series	Cyclone®	Cyclone®	Cyclone®	Cyclone®
Number of Logic Elements/Cells	2910	20060	2910	2910
Package / Case	100-TQFP	400-BGA	100-TQFP	100-TQFP
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	Tray	Tray
Base Product Number	EP1C3	EP1C20	EP1C3	EP1C3
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Total RAM Bits	59904	294912	59904	59904
Number of I/O	65	301	65	65

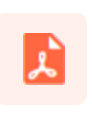
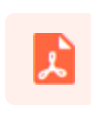
### EP1C3T100C6N Datasheet PDF

Download EP1C3T100C6N pdf datasheets and Intel documentation for EP1C3T100C6N - Intel.

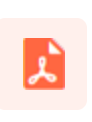
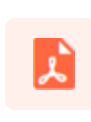
#### Datasheets

-  [Virtual JTAG Megafuntion Guide.pdf](#)
-  [100-TQFP Pkg Info.pdf](#)
-  [Cyclone FPGA Family.pdf](#)

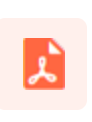
#### PCN Packaging

-  [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](#)
-  [Appearance Update 30/Mar/2015.pdf](#)

#### PCN Obsolescence/ EOL

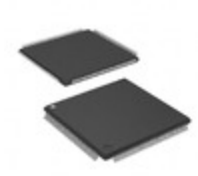
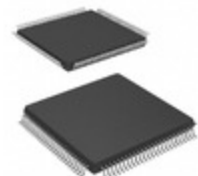
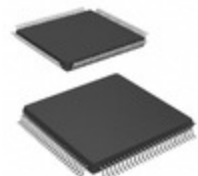
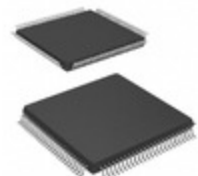
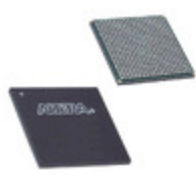
-  [EPC2/Cyclone/Stratix GX 13/Jun/2018.pdf](#)

#### PCN Assembly/Origin

-  [CYCLONE 10/Nov/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products



EP1C3T100C8L

Altera (Intel)

EP1C20F400C7N

Intel  
IC FPGA 301 I/O 400FBGA

EP1C3T100C7

Intel  
IC FPGA 65 I/O 100TQFP

EP1C3T100C7N

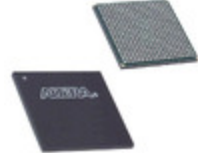
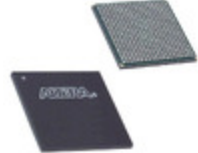
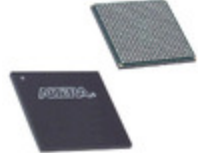
Intel  
IC FPGA 65 I/O 100TQFP

EP1C3T100I7N

Intel  
IC FPGA 65 I/O 100TQFP

EP1C3T144C6N

Intel  
IC FPGA 104 I/O 144TQFP



EP1C3T144C6

Intel  
IC FPGA 104 I/O 144TQFP

EP1C20F400I6N

Altera (Intel)

EP1C20F400C8

Intel  
IC FPGA 301 I/O 400FBGA

EP1C3T100C8

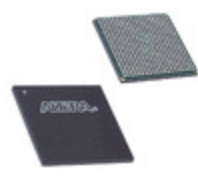
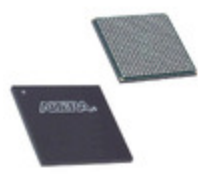
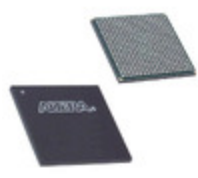
Intel  
IC FPGA 65 I/O 100TQFP

EP1C20F400I7N

Intel  
IC FPGA 301 I/O 400FBGA

EP1C20F400C6N

Intel  
IC FPGA 301 I/O 400FBGA



EP1C20F400I6

Altera (Intel)

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EP1C20F400C7

Intel  
IC FPGA 301 I/O 400FBGA

EP1C3T144C7

Intel  
IC FPGA 104 I/O 144TQFP

EP1C20F400I7

Intel  
IC FPGA 301 I/O 400FBGA

EP1C20F400C8N

Intel  
IC FPGA 301 I/O 400FBGA

## 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

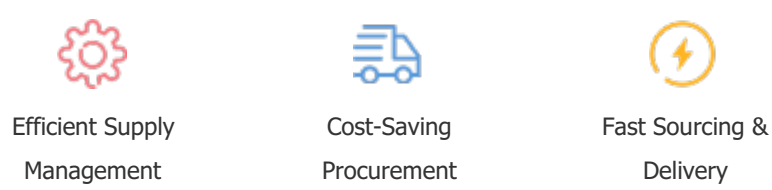
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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