

Image may be representation.
See specifications for product details.



EP3C10E144A7N

Manufacturer Part Number	EP3C10E144A7N
Manufacturer	Intel
Allelco Part Number	32D-EP3C10E144A7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 94 I/O 144EQFP
Package	144-LQFP Exposed Pad
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone III Family Overview.pdf Cyclone III Device Handbook Vol1.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP3C10E144A7N - Intel.New Original in Stock. Download Linear Technology EP3C10E144A7N datasheet/specifications on AllelcoElec.com.
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Specifications

EP3C10E144A7N Tech Specifications
EP3C10E144A7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	10320
Total RAM Bits	423936	Number of LABs/CLBs	645
Supplier Device Package	144-EQFP (20x20)	Number of I/O	94
Series	Cyclone® III	Mounting Type	Surface Mount
Package / Case	144-LQFP Exposed Pad	Base Product Number	EP3C10
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C10E144A7N

Product Attribute				
Part Number	EP3C10E144A7N	EP3C10E144C8N	EP3C10F256C6N	EP3C10F256A7N
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	10320	10320	10320	10320
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Operating Temperature	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of I/O	94	94	182	182
Package	Tray	Tray	Tray	Tray
Supplier Device Package	144-EQFP (20x20)	144-EQFP (20x20)	256-FBGA (17x17)	256-FBGA (17x17)
Number of LABs/CLBs	645	645	645	645
Package / Case	144-LQFP Exposed Pad	144-LQFP Exposed Pad	256-LBGA	256-LBGA
Base Product Number	EP3C10	EP3C10	EP3C10	EP3C10
Total RAM Bits	423936	423936	423936	423936

EP3C10E144A7N Datasheet PDF

Download EP3C10E144A7N pdf datasheets and Intel documentation for EP3C10E144A7N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone III Family Overview.pdf](#)

PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Appearance Update 30/Mar/2015.pdf](#)

PCN Packaging

- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

HTML Datasheet

- [Cyclone III Device Handbook Vol1.pdf](#)

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Recommended Products



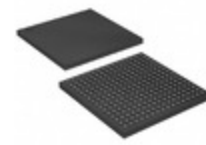
EP3C10E144C8N
Intel
IC FPGA 94 I/O 144EQFP



EP330-15CN
Texas Instruments



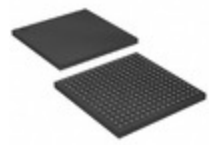
EP330-15CDB/OB
Texas Instruments



EP3C10F256C6N
Intel
IC FPGA 182 I/O 256FBGA



EP330PC-15
Altera (Intel)



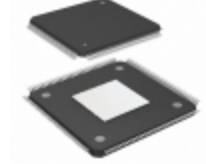
EP3C10F256A7N
Intel
IC FPGA 182 I/O 256FBGA



EP36236/8A374L43
INERGY



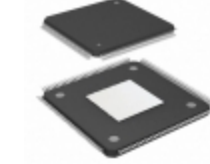
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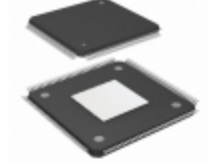
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Intel
IC FPGA 94 I/O 144EQFP



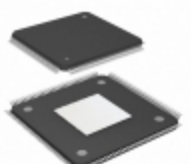
EP3C10E144C8NEP3C10I
Altera (Intel)



EP3C10E144C7N
Intel
IC FPGA 94 I/O 144EQFP



EP3C10E144I7N
Intel
IC FPGA 94 I/O 144EQFP



EP3C10E144C7
Intel
IC FPGA 94 I/O 144EQFP



EP3C10E144CBN
Altera (Intel)



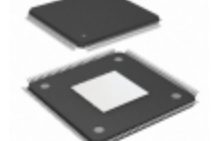
EP324LC-25
Altera (Intel)



EP330PC-12
Altera (Intel)



EP330LC-12
ALTIERA



EP3C10E144I7
Intel
IC FPGA 94 I/O 144EQFP

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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 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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