



EP3C5E144I7N

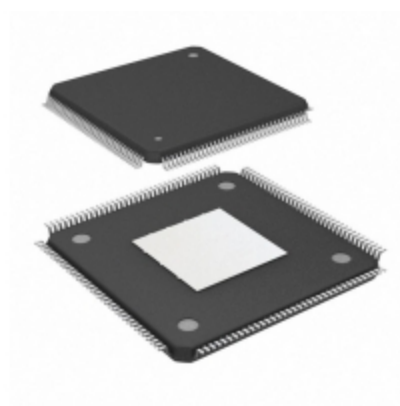


Image may be representation.
See specifications for product details.



Manufacturer Part Number	EP3C5E144I7N
Manufacturer	Intel
Allelco Part Number	32D-EP3C5E144I7N
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 Brochure.pdf Cyclone III Family Overview.pdf Cyclone III Device Handbook Vol1.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP3C5E144I7N - Intel.New Original in Stock. Download Linear Technology EP3C5E144I7N datasheet/specifications on AllelcoElec.com.
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Specifications

EP3C5E144I7N Tech Specifications

EP3C5E144I7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	5136
Total RAM Bits	423936	Number of LABs/CLBs	321
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	EP3C5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C5E144I7N

Product Attribute				
Part Number	EP3C5E144I7N	EP3C55F780C7N	EP3C5E144C8N	EP3C55U484I7N
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	144-LQFP Exposed Pad	780-BGA	144-LQFP Exposed Pad	484-FBGA
Base Product Number	EP3C5	EP3C55	EP3C5	EP3C55
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Number of I/O	94	377	94	327
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	5136	55856	5136	55856
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of LABs/CLBs	321	3491	321	3491
Supplier Device Package	144-EQFP (20x20)	780-FBGA (29x29)	144-EQFP (20x20)	484-UBGA (19x19)
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Total RAM Bits	423936	2396160	423936	2396160

EP3C5E144I7N Datasheet PDF

Download EP3C5E144I7N pdf datasheets and Intel documentation for EP3C5E144I7N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Cyclone III Family Overview.pdf](#)

HTML Datasheet

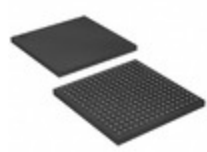
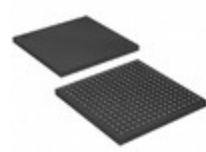
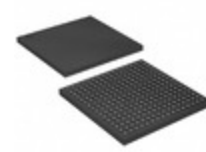
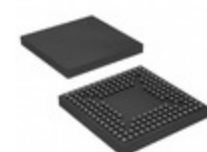
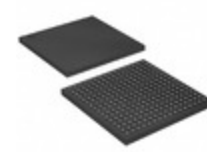
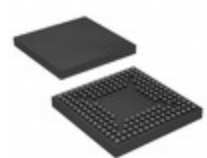
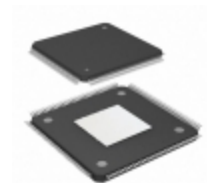
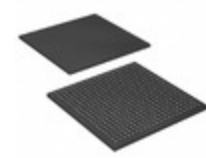
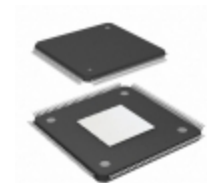
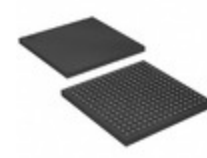
[Cyclone III Brochure.pdf](#)

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

Customers Also Interested in

Recommended Products

EP3C55F780C7N	EP3C5E144C8N	EP3C55U484I7N	EP3C5M164I7N	EP3C5F256C7N	EP3C5U256I7N
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 377 I/O 780FBGA	IC FPGA 94 I/O 144EQFP	IC FPGA 327 I/O 484UBGA	IC FPGA 106 I/O 164MBGA	IC FPGA 182 I/O 256FBGA	IC FPGA 182 I/O 256UBGA

**EP3C5F256C8N**Intel
IC FPGA 182 I/O 256FBGA**EP3C55F780I7N**Intel
IC FPGA 377 I/O 780FBGA**EP3C5F256I7N**Intel
IC FPGA 182 I/O 256FBGA**EP3C5F256C6N**Intel
IC FPGA 182 I/O 256FBGA**EP3C5M164C7N**Intel
IC FPGA 106 I/O 164MBGA**EP3C5F256I7**Intel
IC FPGA 182 I/O 256FBGA**EP3C5M164C8N**Intel
IC FPGA 106 I/O 164MBGA**EP3C5E144A7N**Intel
IC FPGA 94 I/O 144EQFP**EP3C55F780C8N**Intel
IC FPGA 377 I/O 780FBGA**EP3C55U484C6N**Intel
IC FPGA 327 I/O 484UBGA**EP3C5E144C7N**Intel
IC FPGA 94 I/O 144EQFP**EP3C5F256C8**Intel
IC FPGA 182 I/O 256FBGA

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

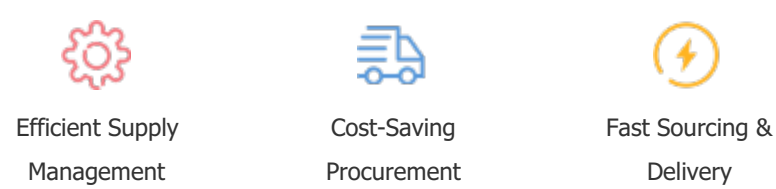
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

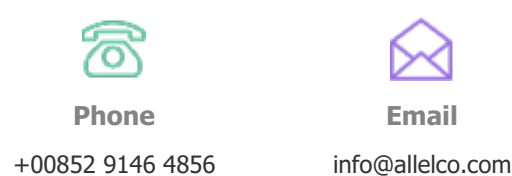
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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