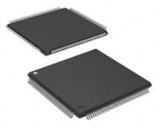

Image may be representation.
See specifications for product details.

EP2C5T144C8N

Manufacturer Part Number	EP2C5T144C8N
Manufacturer	Intel
Allelco Part Number	32D-EP2C5T144C8N
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC FPGA 89 I/O 144TQFP
Package	144-LQFP
Data sheet	Virtual JTAG Megafuntion Guide.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP2C5T144C8N - Intel.New Original in Stock. Download Linear Technology EP2C5T144C8N datasheet/specifications on AllelcoElec.com.
Request a quote for EP2C5T144C8N, please send us email: info@allelco.com

Specifications

EP2C5T144C8N Tech Specifications
EP2C5T144C8N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	4608
Total RAM Bits	119808	Number of LABs/CLBs	288
Supplier Device Package	144-TQFP (20x20)	Number of I/O	89
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	144-LQFP	Base Product Number	EP2C5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C5T144C8N

Product Attribute				
Part Number	EP2C5T144C8N	EP2C5Q208C8N	EP2C5Q208C7N	EP2C5T144C7N
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	144-LQFP	208-BFQFP	208-BFQFP	144-LQFP
Number of I/O	89	142	142	89
Total RAM Bits	119808	119808	119808	119808
Supplier Device Package	144-TQFP (20x20)	208-PQFP (28x28)	208-PQFP (28x28)	144-TQFP (20x20)
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of LABs/CLBs	288	288	288	288
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	4608	4608	4608	4608
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Base Product Number	EP2C5	EP2C5	EP2C5	EP2C5
Package	Tray	Tray	Tray	Tray

EP2C5T144C8N Datasheet PDF

Download EP2C5T144C8N pdf datasheets and Intel documentation for EP2C5T144C8N - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Packaging

Mult Dev Label CHG 24/Jan/2020.pdf

Mult Dev Label Chgs 24/Feb/2020.pdf

Customers Also Interested in

Recommended Products

EP2C60F672I4N
Altera (Intel)

EP2C5Q208C8N
Intel
IC FPGA 142 I/O 208QFP

EP2C5Q208C7N
Intel
IC FPGA 142 I/O 208QFP

EP2C5T144C7N
Intel
IC FPGA 89 I/O 144TQFP

EP2C5T144C6N
Intel
IC FPGA 89 I/O 144TQFP

EP2C70F672C7
Intel
IC FPGA 422 I/O 672FBGA

EP2C70F672I8N

Intel

IC FPGA 422 I/O 672FBGA

EP2C5Q208C7

Intel

IC FPGA 142 I/O 208QFP

EP2C70F672C6N

Intel

IC FPGA 422 I/O 672FBGA

EP2C70F672C8

Intel

IC FPGA 422 I/O 672FBGA

EP2C5T144C7

Intel

IC FPGA 89 I/O 144TQFP

EP2C70F672C8N

Intel

IC FPGA 422 I/O 672FBGA

EP2C5T144I8N

Intel

IC FPGA 89 I/O 144TQFP

EP2C5T144C8

Intel

IC FPGA 89 I/O 144TQFP

EP2C5Q208I8N

Intel

IC FPGA 142 I/O 208QFP

EP2C70F672I8

Intel

IC FPGA 422 I/O 672FBGA

EP2C70F672C7N

Intel

IC FPGA 422 I/O 672FBGA

EP2C5Q208C8

Intel

IC FPGA 142 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.

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · PayPal

Your Faithful Supply Chain Partner -

Efficient Supply Management

Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856

Email
info@allelco.com

Certifications & Memberships

ISO 13485:2016 · ISO 9001:2015 · ISO 14001:2015 · ISO 28000:2007 · IPC Member · SMTA

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