



Image may be representation.
See specifications for product details.



EP1K100QC208-1N

Manufacturer Part Number	EP1K100QC208-1N
Manufacturer	Intel
Allelco Part Number	32D-EP1K100QC208-1N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 147 I/O 208QFP
Package	208-BFQFP
Data sheet	ACEX 1K PLD Family.pdf

Get a Quote

EP1K100QC208-1N - Intel.New Original in Stock. Download Linear Technology EP1K100QC208-1N datasheet/specifications on AllelcoElec.com.
Request a quote for EP1K100QC208-1N, please send us email: info@allelco.com

Specifications

EP1K100QC208-1N Tech Specifications
EP1K100QC208-1N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	2.375V ~ 2.625V	Number of Logic Elements/Cells	4992
Total RAM Bits	49152	Number of LABs/CLBs	624
Supplier Device Package	208-PQFP (28x28)	Number of I/O	147
Series	ACEX-1K®	Number of Gates	257000
Package / Case	208-BFQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EP1K100

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1K100QC208-1N

Product Attribute				
Part Number	EP1K100QC208-1N	EP1K100FC484-2N	EP1K100QC208-3	EP1K100FC484-3
Manufacturer	Intel	Intel	Intel	Intel
Series	ACEX-1K®	ACEX-1K®	ACEX-1K®	ACEX-1K®
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of Logic Elements/Cells	4992	4992	4992	4992
Package / Case	208-BFQFP	484-BBGA	208-BFQFP	484-BBGA
Number of I/O	147	333	147	333
Supplier Device Package	208-PQFP (28x28)	484-FBGA (23x23)	208-PQFP (28x28)	484-FBGA (23x23)
Package	Tray	Tray	Tray	Tray
Base Product Number	EP1K100	EP1K100	EP1K100	EP1K100
Number of Gates	257000	257000	257000	257000
Total RAM Bits	49152	49152	49152	49152
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	624	624	624	624

EP1K100QC208-1N Datasheet PDF

Download EP1K100QC208-1N pdf datasheets and Intel documentation for EP1K100QC208-1N - Intel.

Datasheets

[ACEX 1K PLD Family.pdf](#)

PCN Packaging

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

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

PCN Obsolescence/ EOL

[EOL 01/Dec/2016.pdf](#)

[EOL 21/Nov/2016.pdf](#)

PCN Other

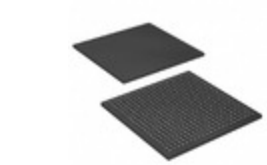
[Software Disc 06/Nov/2020.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products



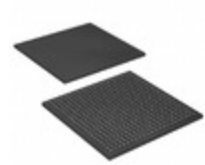
EP1K100FC484-2N

Intel
IC FPGA 333 I/O 484FBGA



EP1K100QC208-3

Intel
IC FPGA 147 I/O 208QFP



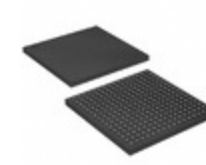
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Intel
IC FPGA 333 I/O 484FBGA



EP1K100QC208-2

Intel
IC FPGA 147 I/O 208QFP



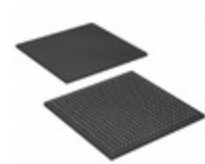
EP1K100FI256-2

Intel
IC FPGA 186 I/O 256FBGA



EP1K100QI208-2

Intel
IC FPGA 147 I/O 208QFP



EP1K100FC484-3N

Intel
IC FPGA 333 I/O 484FBGA



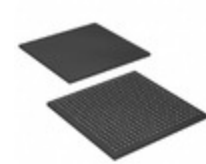
EP1K100QC208-2N

Intel
IC FPGA 147 I/O 208QFP



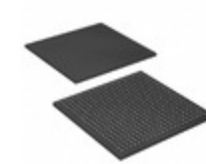
EP1K100QI208-2N

Intel
IC FPGA 147 I/O 208QFP



EP1K100FC484-2

Intel
IC FPGA 333 I/O 484FBGA



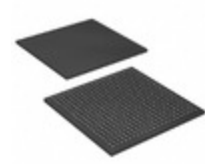
EP1K100FI484-2N

Intel
IC FPGA 333 I/O 484FBGA



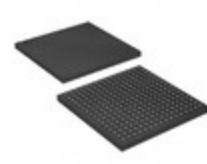
EP1K100QC208-1

Intel
IC FPGA 147 I/O 208QFP



EP1K100FI484-2

Intel
IC FPGA 333 I/O 484FBGA



EP1K100FI256-2N

Intel
IC FPGA 186 I/O 256FBGA



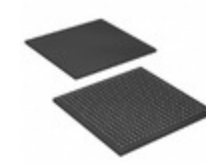
EP1K100QC208-3N

Intel
IC FPGA 147 I/O 208QFP



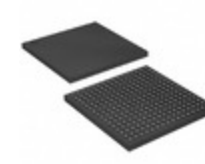
EP1K100QC2088-2

Altera (Intel)



EP1K100FC484-1N

Intel
IC FPGA 333 I/O 484FBGA



EP1K10FC256-2

Intel
IC FPGA 136 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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