

Image may be representation.
See specifications for product details.



EP1K50QC208-1

| | |
|--------------------------|-------------------------------|
| Manufacturer Part Number | EP1K50QC208-1 |
| Manufacturer | Intel |
| Allelco Part Number | 32D-EP1K50QC208-1 |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 147 I/O 208QFP |
| Package | 208-BFQFP |
| Data sheet | ACEX 1K PLD Family.pdf |

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EP1K50QC208-1 - Intel.New Original in Stock. Download Linear Technology EP1K50QC208-1 datasheet/specifications on AllelcoElec.com.
Request a quote for EP1K50QC208-1, please send us email: info@allelco.com

Specifications

EP1K50QC208-1 Tech Specifications
EP1K50QC208-1 - 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 | 2880 |
| Total RAM Bits | 40960 | Number of LABs/CLBs | 360 |
| Supplier Device Package | 208-PQFP (28x28) | Number of I/O | 147 |
| Series | ACEX-1K® | Number of Gates | 199000 |
| Package / Case | 208-BFQFP | Mounting Type | Surface Mount |
| Package | Tray | Base Product Number | EP1K50 |

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1K50QC208-1

| Product Attribute | | | | |
|--------------------------------|------------------|----------------------|----------------------|----------------------|
| Part Number | EP1K50QC208-1 | EP1K50TC144-1 | EP1K50QC208-2 | EP1K50FC484-2 |
| Manufacturer | Intel | Intel | Intel | Intel |
| Number of Gates | 199000 | 199000 | 199000 | 199000 |
| 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 |
| Voltage - Supply | 2.375V ~ 2.625V | 2.375V ~ 2.625V | 2.375V ~ 2.625V | 2.375V ~ 2.625V |
| Number of I/O | 147 | 102 | 147 | 249 |
| Series | ACEX-1K® | ACEX-1K® | ACEX-1K® | ACEX-1K® |
| Number of Logic Elements/Cells | 2880 | 2880 | 2880 | 2880 |
| Package | Tray | Tray | Tray | Tray |
| Base Product Number | EP1K50 | EP1K50 | EP1K50 | EP1K50 |
| Number of LABs/CLBs | 360 | 360 | 360 | 360 |
| Supplier Device Package | 208-PQFP (28x28) | 144-TQFP (20x20) | 208-PQFP (28x28) | 484-FBGA (23x23) |
| Total RAM Bits | 40960 | 40960 | 40960 | 40960 |
| Package / Case | 208-BFQFP | 144-LQFP | 208-BFQFP | 484-BBGA |

EP1K50QC208-1 Datasheet PDF

Download EP1K50QC208-1 pdf datasheets and Intel documentation for EP1K50QC208-1 - 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

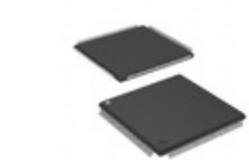
[Software Disc 06/Nov/2020.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products



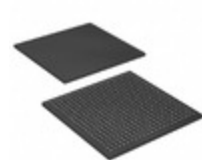
EP1K50TC144-1

Intel
IC FPGA 102 I/O 144TQFP



EP1K50QC208-2

Intel
IC FPGA 147 I/O 208QFP



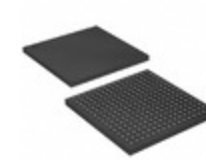
EP1K50FC484-2

Intel
IC FPGA 249 I/O 484FBGA



EP1K50QC208-1N

Intel
IC FPGA 147 I/O 208QFP



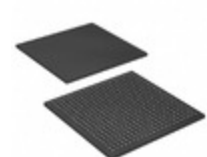
EP1K50FC256-3N

Intel
IC FPGA 186 I/O 256FBGA



EP1K50QC208-2N

Intel
IC FPGA 147 I/O 208QFP



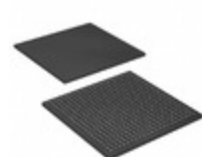
EP1K50FC484-3

Intel
IC FPGA 249 I/O 484FBGA



EP1K50QC208-3N

Intel
IC FPGA 147 I/O 208QFP



EP1K50FC484-1

Intel
IC FPGA 249 I/O 484FBGA



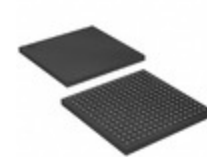
EP1K50FI484-2

Altera
LOADABLE PLD, 0.4NS PBGA484



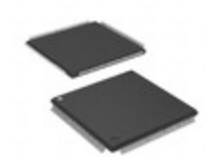
EP1K50QC208-3

Intel
IC FPGA 147 I/O 208QFP



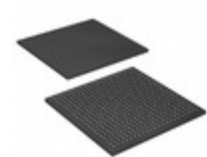
EP1K50FI256-2N

Intel
IC FPGA 186 I/O 256FBGA



EP1K50TC144-1N

Intel
IC FPGA 102 I/O 144TQFP



EP1K50FC484-3N

Intel
IC FPGA 249 I/O 484FBGA



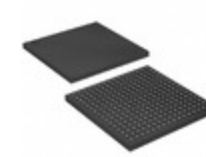
EP1K50QI208-2N

Intel
IC FPGA 147 I/O 208QFP



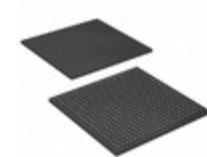
EP1K50QI208-2

Intel
IC FPGA 147 I/O 208QFP



EP1K50FI256-2

Intel
IC FPGA 186 I/O 256FBGA



EP1K50FC484-2N

Intel
IC FPGA 249 I/O 484FBGA

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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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



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