



XC3S400-4PQ208I

| | |
|--------------------------|-------------------------|
| Manufacturer Part Number | XC3S400-4PQ208I |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC3S400-4PQ208I |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 141 I/O 208QFP |
| Package | 208-BFQFP |
| Data sheet | XC3S400-4PQ208I.pdf |



Get a Quote

XC3S400-4PQ208I - AMD.New Original in Stock. Download Linear Technology XC3S400-4PQ208I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S400-4PQ208I, please send us email: info@allelco.com

Specifications

XC3S400-4PQ208I Tech Specifications

XC3S400-4PQ208I - AMD technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|--------------------------------|--------------------|
| Manufacturer | AMD Xilinx | Operating Temperature | -40°C ~ 100°C (TJ) |
| Voltage - Supply | 1.14V ~ 1.26V | Number of Logic Elements/Cells | 8064 |
| Total RAM Bits | 294912 | Number of LABs/CLBs | 896 |
| Supplier Device Package | 208-PQFP (28x28) | Number of I/O | 141 |
| Series | Spartan®-3 | Number of Gates | 400000 |
| Package / Case | 208-BFQFP | Mounting Type | Surface Mount |
| Package | Tray | Base Product Number | XC3S400 |

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S400-4PQ208I

| Product Attribute | NO PICTURE | | | |
|--------------------------------|--------------------|-------------------|------------------|--------------------|
| Part Number | XC3S400-4PQ208I | XC3S400-4FTG256C | XC3S400-4PQ208C | XC3S400-4TQG144I |
| Manufacturer | AMD | AMD | AMD | AMD |
| Series | Spartan®-3 | Spartan®-3 | Spartan®-3 | Spartan®-3 |
| 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 | 896 | 896 | 896 | 896 |
| Supplier Device Package | 208-PQFP (28x28) | 256-FTBGA (17x17) | 208-PQFP (28x28) | 144-TQFP (20x20) |
| Number of Logic Elements/Cells | 8064 | 8064 | 8064 | 8064 |
| Total RAM Bits | 294912 | 294912 | 294912 | 294912 |
| Number of I/O | 141 | 173 | 141 | 97 |
| Package | Tray | Tray | Tray | Tray |
| Package / Case | 208-BFQFP | 256-LBGA | 208-BFQFP | 144-LQFP |
| Voltage - Supply | 1.14V ~ 1.26V | 1.14V ~ 1.26V | 1.14V ~ 1.26V | 1.14V ~ 1.26V |
| Base Product Number | XC3S400 | XC3S400 | XC3S400 | XC3S400 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of Gates | 400000 | 400000 | 400000 | 400000 |

XC3S400-4PQ208I Datasheet PDF

Download XC3S400-4PQ208I pdf datasheets and AMD documentation for XC3S400-4PQ208I - AMD.

PCN Assembly/Origin

2.73KHz.pdf

Environmental Information

Xilinx REACH211 Cert.pdf

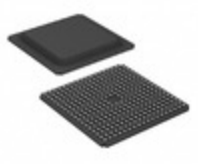
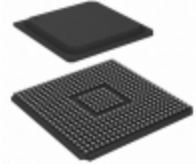
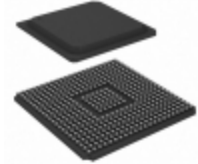
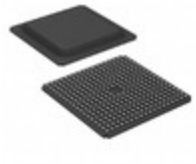
PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

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Recommended Products

| | | | | | |
|--------------------------|------------------------|-------------------------|--------------------------|-------------------------|-------------------------|
| | | | | | |
| XC3S400-4FTG256C | XC3S400-4PQ208C | XC3S400-4TQG144I | XC3S400-4FT256C | XC3S400-5FGG456C | XC3S400-4FGG320C |
| AMD | AMD | AMD | AMD | AMD | AMD |
| IC FPGA 173 I/O 256FTBGA | IC FPGA 141 I/O 208QFP | IC FPGA 97 I/O 144TQFP | IC FPGA 173 I/O 256FTBGA | IC FPGA 264 I/O 456FBGA | IC FPGA 221 I/O 320FBGA |

**XC3S400-5FGG320C**AMD
IC FPGA 221 I/O 320FBGA**XC3S400-4FGG456C**AMD
IC FPGA 264 I/O 456FBGA**XC3S400-5FT256C**AMD
IC FPGA 173 I/O 256FTBGA**XC3S400-5FTG256C**AMD
IC FPGA 173 I/O 256FTBGA**XC3S400-4FTG256I**AMD
IC FPGA 173 I/O 256FTBGA**XC3S400-4FGG456I**AMD
IC FPGA 264 I/O 456FBGA**XC3S400-4PQG208C**AMD
IC FPGA 141 I/O 208QFP**XC3S400-4FGG320I**AMD
IC FPGA 221 I/O 320FBGA**XC3S400-4TQG144C**AMD
IC FPGA 97 I/O 144TQFP**XC3S400-4FT256I**AMD
IC FPGA 173 I/O 256FTBGA**XC3S400-4TQ144I**AMD
IC FPGA 97 I/O 144TQFP**XC3S400-4PQG208I**AMD
IC FPGA 141 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:
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