

Image may be representation.
See specifications for product details.



XC5VLX50-2FFG324I

| | |
|--------------------------|--------------------------|
| Manufacturer Part Number | XC5VLX50-2FFG324I |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC5VLX50-2FFG324I |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 220 I/O 324FCBGA |
| Package | 324-BBGA, FCBGA |
| Data sheet | XC5VLX50-2FFG324I.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

XC5VLX50-2FFG324I - AMD.New Original in Stock. Download Linear Technology XC5VLX50-2FFG324I datasheet/specifications on AllelcoElec.com.
Request a quote for XC5VLX50-2FFG324I, please send us email: info@allelco.com

Specifications

XC5VLX50-2FFG324I Tech Specifications
XC5VLX50-2FFG324I - 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 | 0.95V ~ 1.05V | Number of Logic Elements/Cells | 46080 |
| Total RAM Bits | 1769472 | Number of LABs/CLBs | 3600 |
| Supplier Device Package | 324-FCBGA (19x19) | Number of I/O | 220 |
| Series | Virtex®-5 LX | Mounting Type | Surface Mount |
| Package / Case | 324-BBGA, FCBGA | Base Product Number | XC5VLX50 |
| Package | Tray | | |

Parts with Similar Specifications

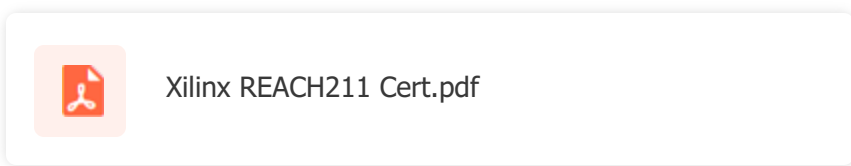
The three parts on the right have similar specifications to AMD XC5VLX50-2FFG324I

| Product Attribute | | | | |
|--------------------------------|--------------------|-------------------------|---------------------------|----------------------------|
| Part Number | XC5VLX50-2FFG324I | XC5VLX50-2FFG76I | XC5VLX50T-1FFG665C | XC5VLX50T-1FFG1136C |
| Manufacturer | AMD | AMD | AMD | AMD |
| Voltage - Supply | 0.95V ~ 1.05V | 0.95V ~ 1.05V | 0.95V ~ 1.05V | 0.95V ~ 1.05V |
| Supplier Device Package | 324-FCBGA (19x19) | 676-FCBGA (27x27) | 665-FCBGA (27x27) | 1136-FCBGA (35x35) |
| Number of Logic Elements/Cells | 46080 | 46080 | 46080 | 46080 |
| Number of LABs/CLBs | 3600 | 3600 | 3600 | 3600 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package / Case | 324-BBGA, FCBGA | 676-BBGA, FCBGA | 665-BBGA, FCBGA | 1136-BBGA, FCBGA |
| Number of I/O | 220 | 440 | 360 | 480 |
| Package | Tray | Tray | Tray | Tray |
| Base Product Number | XC5VLX50 | XC5VLX50 | XC5VLX50 | XC5VLX50 |
| Series | Virtex®-5 LX | Virtex®-5 LX | Virtex®-5 LXT | Virtex®-5 LXT |
| Total RAM Bits | 1769472 | 1769472 | 2211840 | 2211840 |
| Operating Temperature | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) |

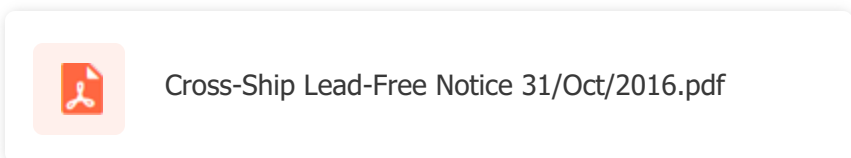
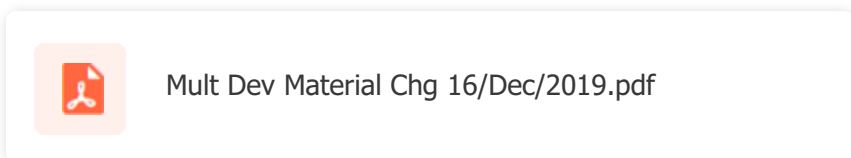
XC5VLX50-2FFG324I Datasheet PDF

Download XC5VLX50-2FFG324I pdf datasheets and AMD documentation for XC5VLX50-2FFG324I - AMD.

Environmental Information

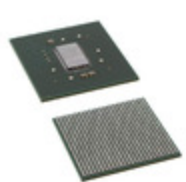


PCN Design/Specification

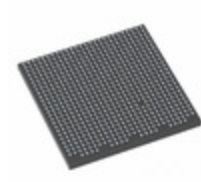


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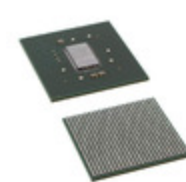
XC5VLX50-2FFG76I
AMD
IC FPGA 440 I/O 676FCBGA



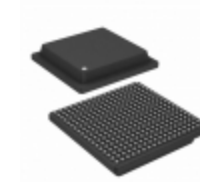
XC5VLX50T-1FFG665C
AMD
IC FPGA 360 I/O 665FCBGA



XC5VLX50T-1FFG1136C
AMD
IC FPGA 480 I/O 1136FCBGA



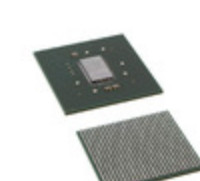
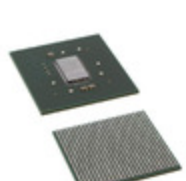
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AMD
IC FPGA 440 I/O 676FCBGA



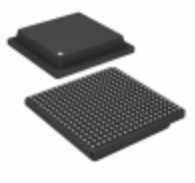
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AMD
IC FPGA 220 I/O 324FCBGA



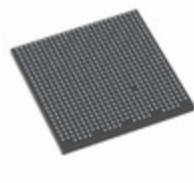
XC5VLX50-1FFG1153C
AMD
IC FPGA 560 I/O 1153FCBGA



XC5VLX50-2FFG676C
AMD
IC FPGA 440 I/O 676FCBGA



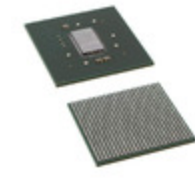
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AMD
IC FPGA 480 I/O 1136FCBGA



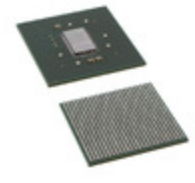
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AMD
IC FPGA 560 I/O 1153FCBGA



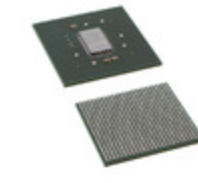
XC5VLX50T-1FFG1136I
AMD
IC FPGA 480 I/O 1136FCBGA



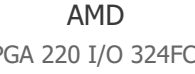
XC5VLX50-2FFG676C
AMD
IC FPGA 440 I/O 676FCBGA



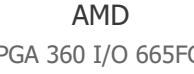
XC5VLX50-1FFG1153I
AMD
IC FPGA 560 I/O 1153FCBGA



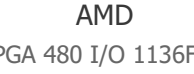
XC5VLX50-2FFG324C
AMD
IC FPGA 220 I/O 324FCBGA



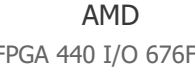
XC5VLX50T-1FF665C
AMD
IC FPGA 360 I/O 665FCBGA



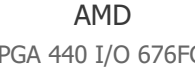
XC5VLX50T-1FF1136C
AMD
IC FPGA 480 I/O 1136FCBGA



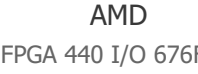
XC5VLX50-1FFG676C
AMD
IC FPGA 440 I/O 676FCBGA



XC5VLX50-3FFG676C
AMD
IC FPGA 440 I/O 676FCBGA



XC5VLX50-1FFG676I
AMD
IC FPGA 440 I/O 676FCBGA



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

info@allelco.com

Certifications & Memberships



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Contact us

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