



XC5VLX110T-1FFG1136C



Image may be representation.
See specifications for product details.



| | |
|--------------------------|-----------------------------|
| Manufacturer Part Number | XC5VLX110T-1FFG1136C |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC5VLX110T-1FFG1136C |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 640 I/O 1136FCBGA |
| Package | 1136-BBGA, FCBGA |
| Data sheet | XC5VLX110T-1FFG1136C.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

XC5VLX110T-1FFG1136C - AMD.New Original in Stock. Download Linear Technology XC5VLX110T-1FFG1136C datasheet/specifications on AllelcoElec.com.
Request a quote for XC5VLX110T-1FFG1136C, please send us email: info@allelco.com

Specifications

XC5VLX110T-1FFG1136C Tech Specifications

XC5VLX110T-1FFG1136C - AMD technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|--------------------|--------------------------------|-----------------|
| Manufacturer | AMD Xilinx | Operating Temperature | 0°C ~ 85°C (TJ) |
| Voltage - Supply | 0.95V ~ 1.05V | Number of Logic Elements/Cells | 110592 |
| Total RAM Bits | 5455872 | Number of LABs/CLBs | 8640 |
| Supplier Device Package | 1136-FCBGA (35x35) | Number of I/O | 640 |
| Series | Virtex®-5 LXT | Mounting Type | Surface Mount |
| Package / Case | 1136-BBGA, FCBGA | Base Product Number | XC5VLX110 |
| Package | Tray | | |

Parts with Similar Specifications

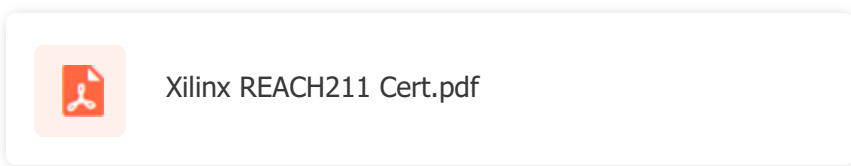
The three parts on the right have similar specifications to AMD XC5VLX110T-1FFG1136C

| Product Attribute | | | | |
|--------------------------------|----------------------|----------------------------|-----------------------------|-----------------------------|
| Part Number | XC5VLX110T-1FFG1136C | XC5VLX110T-2FF1136I | XC5VLX110T-1FFG1738I | XC5VLX110T-2FFG1136I |
| Manufacturer | AMD | AMD | Xilinx | AMD |
| Package | Tray | Tray | - | Tray |
| Number of Logic Elements/Cells | 110592 | 110592 | 110592 | 110592 |
| Total RAM Bits | 5455872 | 5455872 | 5455872 | 5455872 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package / Case | 1136-BBGA, FCBGA | 1136-BBGA, FCBGA | 1738-BBGA, FCBGA | 1136-BBGA, FCBGA |
| Operating Temperature | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) |
| Series | Virtex®-5 LXT | Virtex®-5 LXT | Virtex®-5 LXT | Virtex®-5 LXT |
| Base Product Number | XC5VLX110 | XC5VLX110 | - | XC5VLX110 |
| Supplier Device Package | 1136-FCBGA (35x35) | 1136-FCBGA (35x35) | 1738-FCBGA (42.5x42.5) | 1136-FCBGA (35x35) |
| Number of I/O | 640 | 640 | 680 | 640 |
| Number of LABs/CLBs | 8640 | 8640 | 8640 | 8640 |
| Voltage - Supply | 0.95V ~ 1.05V | 0.95V ~ 1.05V | 0.95 V ~ 1.05 V | 0.95V ~ 1.05V |

XC5VLX110T-1FFG1136C Datasheet PDF

Download XC5VLX110T-1FFG1136C pdf datasheets and AMD documentation for XC5VLX110T-1FFG1136C - AMD.

Environmental Information



Customers Also Interested in

Recommended Products

| | | | | | | |
|---------------------------------|----------------------------------|-------------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
| | | | | | | |
| XC5VLX110-FFG676 | XC5VLX110T-2FF1136I | XC5VLX110T-1FFG1738I | XC5VLX110T-2FFG1136I | XC5VLX110T-2FF1136C | XC5VLX110T-1FF1136I4051 | |
| AMD Xilinx | AMD IC FPGA 640 I/O 1136FCBGA | Xilinx IC FPGA 680 I/O 1738FCBGA | AMD IC FPGA 640 I/O 1136FCBGA | AMD IC FPGA 640 I/O 1136FCBGA | AMD Xilinx | |
| | | | | | | |
| XC5VLX110-3FFG676C | XC5VLX110T-1FF1136 | XC5VLX110T-1FFG1136FGU1017C | XC5VLX110T-1FFG1136I | XC5VLX110T-2FFG1136C | XC5VLX110T-1FF1136I | |
| AMD IC FPGA 440 I/O 676FCBGA | AMD Xilinx | AMD Xilinx | AMD IC FPGA 640 I/O 1136FCBGA | AMD IC FPGA 640 I/O 1136FCBGA | AMD IC FPGA 640 I/O 1136FCBGA | |

XC5VLX110T-1FF1738C

AMD
IC FPGA 680 I/O 1738FCBGA

XC5VLX110T-1FF1136C

AMD
IC FPGA 640 I/O 1136FCBGA

XC5VLX110-3FFG1153C

AMD
IC FPGA 800 I/O 1153FCBGA

XC5VLX110-3FFG1760C

Xilinx
IC FPGA 800 I/O 1760FBGA

XC5VLX110T-1FFG1738C

AMD
IC FPGA 680 I/O 1738FCBGA

XC5VLX110-FF1153

AMD Xilinx

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.

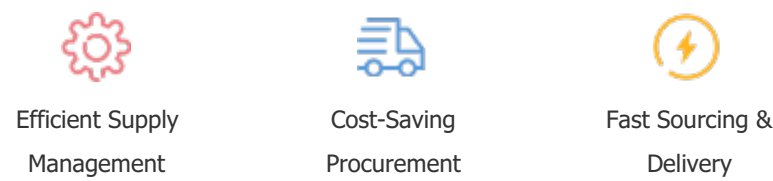
Payment Support

The payment method can be chosen from the methods shown below:

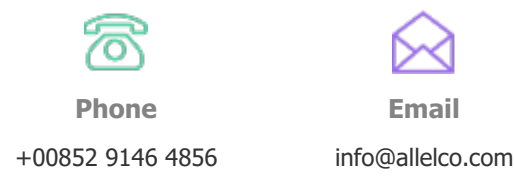
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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