

Image may be representation.
See specifications for product details.



XC6VLX75T-1FFG784C

| | |
|--------------------------|---------------------------|
| Manufacturer Part Number | XC6VLX75T-1FFG784C |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC6VLX75T-1FFG784C |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 360 I/O 784FCBGA |
| Package | 784-BBGA, FCBGA |
| Data sheet | XC6VLX75T-1FFG784C.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

XC6VLX75T-1FFG784C - AMD.New Original in Stock. Download Linear Technology XC6VLX75T-1FFG784C datasheet/specifications on AllelcoElec.com.
Request a quote for XC6VLX75T-1FFG784C, please send us email: info@allelco.com

Specifications

XC6VLX75T-1FFG784C Tech Specifications
XC6VLX75T-1FFG784C - 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 | 74496 |
| Total RAM Bits | 5750784 | Number of LABs/CLBs | 5820 |
| Supplier Device Package | 784-FCBGA (29x29) | Number of I/O | 360 |
| Series | Virtex®-6 LXT | Mounting Type | Surface Mount |
| Package / Case | 784-BBGA, FCBGA | Base Product Number | XC6VLX75 |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC6VLX75T-1FFG784C

| Product Attribute | | | | |
|--------------------------------|--------------------|---------------------------|--------------------------|----------------------------|
| Part Number | XC6VLX75T-1FFG784C | XC6VLX75T-2FFG484C | XC6VLX75T-2FF784I | XC6VLX760-1FFG1760I |
| Manufacturer | AMD | AMD | Xilinx | Xilinx |
| Supplier Device Package | 784-FCBGA (29x29) | 484-FBGA (23x23) | 784-FCBGA (29x29) | 1760-FCBGA (42.5x42.5) |
| Total RAM Bits | 5750784 | 5750784 | 5750784 | 26542080 |
| Package | Tray | Tray | - | - |
| Number of I/O | 360 | 240 | 360 | 1200 |
| Voltage - Supply | 0.95V ~ 1.05V | 0.95V ~ 1.05V | 0.95 V ~ 1.05 V | 0.95 V ~ 1.05 V |
| Number of Logic Elements/Cells | 74496 | 74496 | 74496 | 758784 |
| Number of LABs/CLBs | 5820 | 5820 | 5820 | 59280 |
| Operating Temperature | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package / Case | 784-BBGA, FCBGA | 484-BBGA | 784-BBGA, FCBGA | 1760-BBGA, FCBGA |
| Base Product Number | XC6VLX75 | XC6VLX75 | - | - |
| Series | Virtex®-6 LXT | Virtex®-6 LXT | Virtex®-6 LXT | Virtex®-6 LXT |

XC6VLX75T-1FFG784C Datasheet PDF

Download XC6VLX75T-1FFG784C pdf datasheets and AMD documentation for XC6VLX75T-1FFG784C - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

[Mult Dev Material Chg 16/Dec/2019.pdf](#)

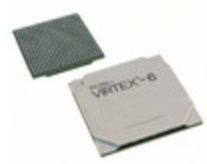
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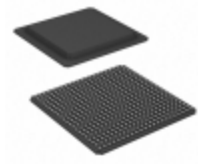
Recommended Products

| | | | | | |
|--------------------------------|------------------------------------|-------------------------------------|--------------------------------|---------------------------------|---------------------------------|
| | | | | | |
| XC6VLX75T-2FFG484C | XC6VLX75T-2FF784I | XC6VLX760-1FFG1760I | XC6VLX75T-1FFG484C | XC6VLX75T-1FF484I | XC6VLX75T-3FFG784C |
| AMD IC FPGA 240 I/O 484FBGA | Xilinx IC FPGA 360 I/O 784FCBGA | Xilinx IC FPGA 1200 I/O 1760FBGA | AMD IC FPGA 240 I/O 484FBGA | AMD IC FPGA 240 I/O 484FCBGA | AMD IC FPGA 360 I/O 784FCBGA |

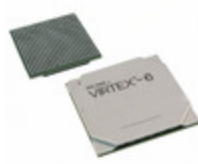
XC6VLX75T-3FFG484C
AMD
IC FPGA 240 I/O 484FCBGA



XC6VLX75T-2FFG784C
AMD
IC FPGA 360 I/O 784FCBGA



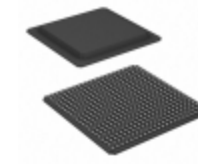
XC6VLX550T-2FFG1759C
AMD
IC FPGA 840 I/O 1759FCBGA



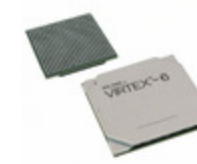
XC6VLX550T-2FFG1759E
Xilinx
IC FPGA 840 I/O 1759FCBGA



XC6VLX550T-2FFG1760C
AMD
IC FPGA 1200 I/O 1760FCBGA



XC6VLX550T-1FFG1759I
AMD
IC FPGA 840 I/O 1759FCBGA



XC6VLX550T-1FFG1760I
AMD
IC FPGA 1200 I/O 1760FCBGA

XC6VLX75T-1FFG484I
AMD
IC FPGA 240 I/O 484FCBGA

XC6VLX75T-2FFG784I
AMD
IC FPGA 360 I/O 784FCBGA

XC6VLX760-1FFG1760C
Xilinx
IC FPGA 1200 I/O 1760FCBGA

XC6VLX75T-2FFG484I
AMD
IC FPGA 240 I/O 484FCBGA

XC6VLX75T-1FFG784I
AMD
IC FPGA 360 I/O 784FCBGA

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.

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Certifications & Memberships



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