




Image may be representation.
See specifications for product details.

XC6VLX550T-1FFG1759C

Manufacturer Part Number	XC6VLX550T-1FFG1759C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC6VLX550T-1FFG1759C
ECAD Model	 Request Free CAD Models
Parts Description	IC FPGA 840 I/O 1759FCBGA
Package	1759-BBGA, FCBGA
Data sheet	XC6VLX550T-1FFG1759C.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote



XC6VLX550T-1FFG1759C - AMD.New Original in Stock. Download Linear Technology XC6VLX550T-1FFG1759C datasheet/specifications on AllelcoElec.com.
Request a quote for XC6VLX550T-1FFG1759C, please send us email: info@allelco.com

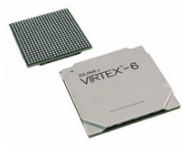
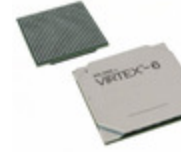

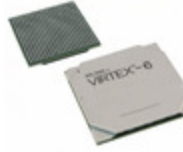
Specifications

XC6VLX550T-1FFG1759C Tech Specifications
XC6VLX550T-1FFG1759C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value
Manufacturer	AMD Xilinx
Voltage - Supply	0.95V ~ 1.05V
Total RAM Bits	23298048
Supplier Device Package	1759-FCBGA (42.5x42.5)
Series	Virtex®-6 LXT
Package / Case	1759-BBGA, FCBGA
Package	Tray
Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	549888
Number of LABs/CLBs	42960
Number of I/O	840
Mounting Type	Surface Mount
Base Product Number	XC6VLX550

Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XC6VLX550T-1FFG1759C

Product Attribute				
Part Number	XC6VLX550T-1FFG1759C	XC6VLX365T-2FF1759C	XC6VLX75T-1FF484I	XC6VLX365T-2FFG1759C
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	-	Tray	Tray
Package / Case	1759-BBGA, FCBGA	-	484-BBGA, FCBGA	1759-BBGA, FCBGA
Operating Temperature	0°C ~ 85°C (TJ)	-	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	XC6VLX550	-	XC6VLX75	XC6VLX365
Number of LABs/CLBs	42960	-	5820	28440
Supplier Device Package	1759-FCBGA (42.5x42.5)	-	484-FCBGA (23x23)	1759-FCBGA (42.5x42.5)
Number of Logic Elements/Cells	549888	-	74496	364032
Series	Virtex®-6 LXT	-	Virtex®-6 LXT	Virtex®-6 LXT
Voltage - Supply	0.95V ~ 1.05V	-	0.95V ~ 1.05V	0.95V ~ 1.05V
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Total RAM Bits	23298048	-	5750784	15335424
Number of I/O	840	-	240	720


XC6VLX550T-1FFG1759C Datasheet PDF

Download XC6VLX550T-1FFG1759C pdf datasheets and AMD documentation for XC6VLX550T-1FFG1759C - AMD.

Environmental Information

 [Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products



XC6VLX365T-2FF1759C
AMD
IC FPGA 720 I/O 1759FCBGA



XC6VLX75T-1FF484I
AMD
IC FPGA 240 I/O 484FCBGA



XC6VLX365T-2FFG1759C
AMD
IC FPGA 720 I/O 1759FCBGA



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



XC6VLX365T-2FFG1156I
AMD
IC FPGA 600 I/O 1156FCBGA

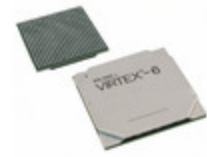
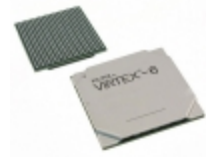
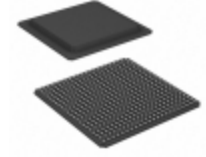
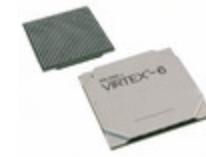


XC6VLX550T-2FFG1759C
AMD
IC FPGA 840 I/O 1759FCBGA








XC6VLX550T-1FFG1760IAMD
IC FPGA 1200 I/O 1760FCBGA**XC6VLX365T-2FFG1156C**AMD
IC FPGA 600 I/O 1156FCBGA**XC6VLX365T-3FFG1156C**AMD
IC FPGA 600 I/O 1156FCBGA**XC6VLX550T-1FFG1759I**AMD
IC FPGA 840 I/O 1759FCBGA**XC6VLX365T-1FFG1759I**AMD
IC FPGA 720 I/O 1759FCBGA**XC6VLX550T-2FFG1760C**AMD
IC FPGA 1200 I/O 1760FCBGA**XC6VLX365T-2FFG1156C**Xilinx
IC FPGA 600 I/O 1156FCBGA**XC6VLX365T-2FFG1759I**AMD
IC FPGA 720 I/O 1759FCBGA**XC6VLX550T-2FFG1759E**Xilinx
IC FPGA 840 I/O 1759FCBGA**XC6VLX75T-1FFG484C**AMD
IC FPGA 240 I/O 484FCBGA**XC6VLX75T-1FFG784C**AMD
IC FPGA 360 I/O 784FCBGA**XC6VLX365T-2FFG1156I4228**

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 -



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



[View More](#)



ALLELCO LIMITED
WWW.ALLELCOELEC.COM

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.