



XC6VLX550T-1FFG1759I

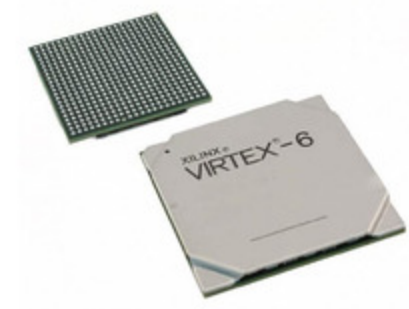


Image may be representation.
See specifications for product details.

Manufacturer Part Number	XC6VLX550T-1FFG1759I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC6VLX550T-1FFG1759I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 840 I/O 1759FCBGA
Package	1759-BBGA, FCBGA
Data sheet	XC6VLX550T-1FFG1759I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



XC6VLX550T-1FFG1759I - AMD.New Original in Stock. Download Linear Technology XC6VLX550T-1FFG1759I datasheet/specifications on AllelcoElec.com.
Request a quote for XC6VLX550T-1FFG1759I, please send us email: info@allelco.com

Specifications

XC6VLX550T-1FFG1759I Tech Specifications

XC6VLX550T-1FFG1759I - 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	549888
Total RAM Bits	23298048	Number of LABs/CLBs	42960
Supplier Device Package	1759-FCBGA (42.5x42.5)	Number of I/O	840
Series	Virtex®-6 LXT	Mounting Type	Surface Mount
Package / Case	1759-BBGA, FCBGA	Base Product Number	XC6VLX550
Package	Tray		

Parts with Similar Specifications

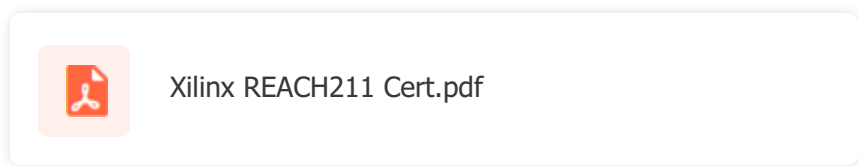
The three parts on the right have similar specifications to AMD XC6VLX550T-1FFG1759I

Product Attribute				
Part Number	XC6VLX550T-1FFG1759I	XC6VLX365T-2FFG1156I	XC6VLX550T-1FFG1759C	XC6VLX75T-1FFG784I
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	1759-FCBGA (42.5x42.5)	1156-FCBGA (35x35)	1759-FCBGA (42.5x42.5)	784-FCBGA (29x29)
Number of Logic Elements/Cells	549888	364032	549888	74496
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Total RAM Bits	23298048	15335424	23298048	5750784
Series	Virtex®-6 LXT	Virtex®-6 LXT	Virtex®-6 LXT	Virtex®-6 LXT
Base Product Number	XC6VLX550	XC6VLX365	XC6VLX550	XC6VLX75
Number of LABs/CLBs	42960	28440	42960	5820
Package / Case	1759-BBGA, FCBGA	1156-BBGA, FCBGA	1759-BBGA, FCBGA	784-BBGA, FCBGA
Number of I/O	840	600	840	360
Package	Tray	Tray	Tray	Tray

XC6VLX550T-1FFG1759I Datasheet PDF

Download XC6VLX550T-1FFG1759I pdf datasheets and AMD documentation for XC6VLX550T-1FFG1759I - AMD.

Environmental Information



Customers Also Interested in

Recommended Products

XC6VLX365T-2FFG1156I AMD IC FPGA 600 I/O 1156FCBGA	XC6VLX550T-1FFG1759C AMD IC FPGA 840 I/O 1759FCBGA	XC6VLX75T-1FFG784I AMD IC FPGA 360 I/O 784FCBGA	XC6VLX365T-2FF1759C AMD IC FPGA 720 I/O 1759FCBGA	XC6VLX550T-2FFG1759E Xilinx IC FPGA 840 I/O 1759FCBGA	XC6VLX550T-2FFG1760C AMD IC FPGA 1200 I/O 1760FCBGA
XC6VLX75T-1FFG784C AMD IC FPGA 360 I/O 784FCBGA	XC6VLX365T-2FFG1759I AMD IC FPGA 720 I/O 1759FCBGA	XC6VLX75T-1FF484I AMD IC FPGA 240 I/O 484FCBGA	XC6VLX550T-2FFG1759C AMD IC FPGA 840 I/O 1759FCBGA	XC6VLX365T-2FFG1156I4228 AMD Xilinx	XC6VLX75T-1FFG484I AMD IC FPGA 240 I/O 484FCBGA



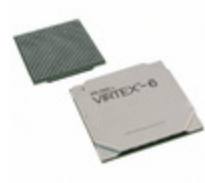
XC6VLX365T-2FFG1156C

AMD
IC FPGA 600 I/O 1156FCBGA



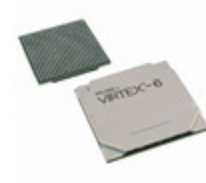
XC6VLX365T-3FFG1156C

AMD
IC FPGA 600 I/O 1156FCBGA



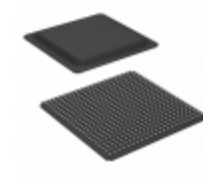
XC6VLX550T-1FFG1760I

AMD
IC FPGA 1200 I/O 1760FCBGA



XC6VLX365T-2FFG1759C

AMD
IC FPGA 720 I/O 1759FCBGA



XC6VLX75T-1FFG484C

AMD
IC FPGA 240 I/O 484FBGA



XC6VLX365T-2FF1156C

Xilinx
IC FPGA 600 I/O 1156FCBGA

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.

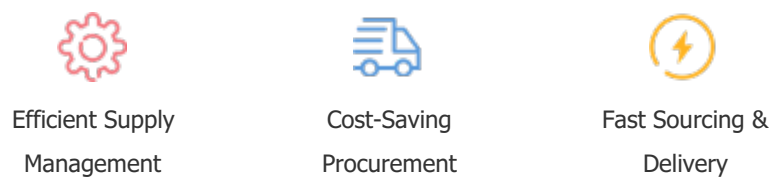
Payment Support

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

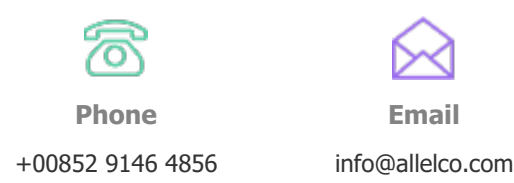
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



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.