



XC5VLX110T-1FFG1738I



Image may be representation.
See specifications for product details.



Manufacturer Part Number	XC5VLX110T-1FFG1738I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC5VLX110T-1FFG1738I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 680 I/O 1738FCBGA
Package	1738-BBGA, FCBGA
Data sheet	Virtex-5 Family Overview.pdf Virtex-5 FPGA User Guide.pdf Virtex-5 FPGA Datasheet.pdf
RoHS Status	Lead free / RoHS Compliant

Get a Quote

XC5VLX110T-1FFG1738I - Xilinx.New Original in Stock. Download Linear Technology XC5VLX110T-1FFG1738I datasheet/specifications on AllelcoElec.com.
Request a quote for XC5VLX110T-1FFG1738I, please send us email: info@allelco.com

Specifications

XC5VLX110T-1FFG1738I Tech Specifications

XC5VLX110T-1FFG1738I - Xilinx technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of LABs/CLBs	8640
Voltage - Supply	0.95 V ~ 1.05 V	Number of I/O	680
Total RAM Bits	5455872	Mounting Type	Surface Mount
Supplier Device Package	1738-FCBGA (42.5x42.5)	Moisture Sensitivity Level (MSL)	4 (72 Hours)
Series	Virtex®-5 LXT	Manufacturer Standard Lead Time	10 Weeks
Package / Case	1738-BBGA, FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Operating Temperature	-40°C ~ 100°C (TJ)	Base Part Number	XC5VLX110T
Number of Logic Elements/Cells	110592		

Parts with Similar Specifications

The three parts on the right have similar specifications to Xilinx XC5VLX110T-1FFG1738I

Product Attribute				
Part Number	XC5VLX110T-1FFG1738I	XC5VLX110T-2FFG1738C	XC5VLX110T-2FFG1136I	XC5VLX110T-2FF1136C
Manufacturer	Xilinx	AMD	AMD	AMD
Moisture Sensitivity Level (MSL)	4 (72 Hours)	-	-	-
Voltage - Supply	0.95 V ~ 1.05 V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Manufacturer Standard Lead Time	10 Weeks	-	-	-
Total RAM Bits	5455872	5455872	5455872	5455872
Number of I/O	680	680	640	640
Package / Case	1738-BBGA, FCBGA	1738-BBGA, FCBGA	1136-BBGA, FCBGA	1136-BBGA, FCBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
Supplier Device Package	1738-FCBGA (42.5x42.5)	1738-FCBGA (42.5x42.5)	1136-FCBGA (35x35)	1136-FCBGA (35x35)
Number of Logic Elements/Cells	110592	110592	110592	110592
Number of LABs/CLBs	8640	8640	8640	8640
Series	Virtex®-5 LXT	Virtex®-5 LXT	Virtex®-5 LXT	Virtex®-5 LXT
Base Part Number	XC5VLX110T	-	-	-
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)

XC5VLX110T-1FFG1738I Datasheet PDF

Download XC5VLX110T-1FFG1738I pdf datasheets and Xilinx documentation for XC5VLX110T-1FFG1738I - Xilinx.

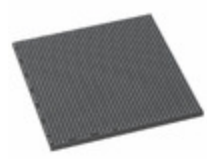
Datasheets

- [Virtex-5 Family Overview.pdf](#)
- [Virtex-5 FPGA User Guide.pdf](#)
- [Virtex-5 FPGA Datasheet.pdf](#)

Customers Also Interested in

Recommended Products

- XC5VLX110T-2FFG1738C**
AMD
IC FPGA 680 I/O 1738FCBGA
- XC5VLX110T-2FFG1136I**
AMD
IC FPGA 640 I/O 1136FCBGA
- XC5VLX110T-2FF1136C**
AMD
IC FPGA 640 I/O 1136FCBGA
- XC5VLX110T-1FFG1136I**
AMD
IC FPGA 640 I/O 1136FCBGA
- XC5VLX110T-1FF1136I4051**
AMD Xilinx
- XC5VLX110-FFG676**
AMD Xilinx



XC5VLX110T-1FFG1738C

AMD
IC FPGA 680 I/O 1738FCBGA

XC5VLX110T-1FF1136

AMD Xilinx

XC5VLX110T-1FF1136C

AMD
IC FPGA 640 I/O 1136FCBGA

XC5VLX110T-1FFG1136C

AMD
IC FPGA 640 I/O 1136FCBGA

XC5VLX110T-1FFG1136FGU1017C

AMD Xilinx

XC5VLX110T-2FFG1136C

AMD
IC FPGA 640 I/O 1136FCBGA



XC5VLX110T-1FF1136I

AMD
IC FPGA 640 I/O 1136FCBGA



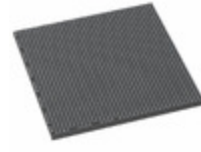
XC5VLX110T-3FFG1136C

AMD
IC FPGA 640 I/O 1136FCBGA



XC5VLX110T-1FFV1136C

AMD Xilinx



XC5VLX110T-1FF1738C

AMD
IC FPGA 680 I/O 1738FCBGA



XC5VLX110T-2FFG1738I

Xilinx
IC FPGA 680 I/O 1738FCBGA



XC5VLX110T-2FF1136I

AMD
IC FPGA 640 I/O 1136FCBGA

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.



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