




XC5VLX30T-2FF665C

Manufacturer Part Number	XC5VLX30T-2FF665C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC5VLX30T-2FF665C
ECAD Model	 Request Free CAD Models
Parts Description	IC FPGA 360 I/O 665FCBGA
Package	665-BBGA, FCBGA
Data sheet	Virtex-5 Family Overview.pdf Virtex-5 FPGA Datasheet.pdf Virtex-5 FPGA Configuration Guide.pdf



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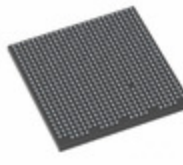
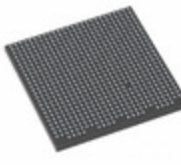
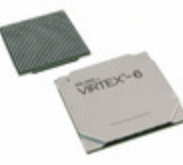
Specifications

XC5VLX30T-2FF665C Tech Specifications
XC5VLX30T-2FF665C - Xilinx technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of LABs/CLBs	2400
Voltage - Supply	0.95 V ~ 1.05 V	Number of I/O	360
Total RAM Bits	1327104	Mounting Type	Surface Mount
Supplier Device Package	665-FCBGA (27x27)	Moisture Sensitivity Level (MSL)	4 (72 Hours)
Series	Virtex®-5 LXT	Manufacturer Standard Lead Time	11 Weeks
Package / Case	665-BBGA, FCBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Operating Temperature	0°C ~ 85°C (TJ)	Base Part Number	XC5VLX30
Number of Logic Elements/Cells	30720		

Parts with Similar Specifications

The three parts on the right have similar specifications to Xilinx XC5VLX30T-2FF665C

Product Attribute				
Part Number	XC5VLX30T-2FF665C	XC5VLX30T-1FFG665I	XC5VLX30T-2FF665I	XC5VLX330-1FFG1760C
Manufacturer	Xilinx	AMD	AMD	AMD
Moisture Sensitivity Level (MSL)	4 (72 Hours)	-	-	-
Number of I/O	360	360	360	1200
Number of LABs/CLBs	2400	2400	2400	25920
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	-	-	-
Base Part Number	XC5VLX30	-	-	-
Package / Case	665-BBGA, FCBGA	665-BBGA, FCBGA	665-BBGA, FCBGA	1760-BBGA, FCBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	0.95 V ~ 1.05 V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Series	Virtex®-5 LXT	Virtex®-5 LXT	Virtex®-5 LXT	Virtex®-5 LX
Total RAM Bits	1327104	1327104	1327104	10616832
Supplier Device Package	665-FCBGA (27x27)	665-FCBGA (27x27)	665-FCBGA (27x27)	1760-FCBGA (42.5x42.5)
Manufacturer Standard Lead Time	11 Weeks	-	-	-
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	30720	30720	30720	331776

XC5VLX30T-2FF665C Datasheet PDF

Download XC5VLX30T-2FF665C pdf datasheets and Xilinx documentation for XC5VLX30T-2FF665C - Xilinx.

Datasheets



Virtex-5 Family Overview.pdf



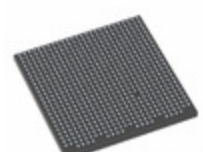
Virtex-5 FPGA Datasheet.pdf



Virtex-5 FPGA Configuration Guide.pdf

Customers Also Interested in

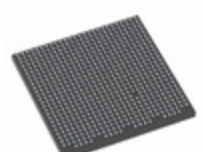
Recommended Products



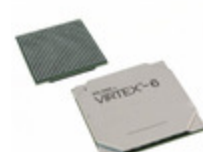
XC5VLX30T-1FFG665I
AMD
IC FPGA 360 I/O 665FCBGA



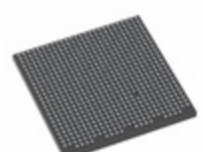
XC5VLX30T-1FFG665I-4060
AMD Xilinx



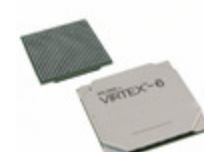
XC5VLX30T-2FF665I
AMD
IC FPGA 360 I/O 665FCBGA



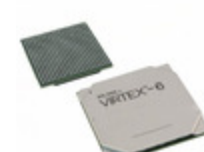
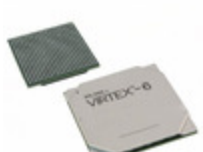
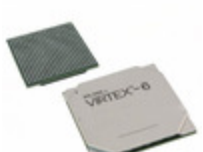
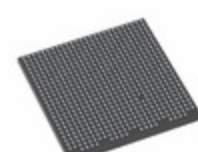
XC5VLX330-1FFG1760C
AMD
IC FPGA 1200 I/O 1760FCBGA



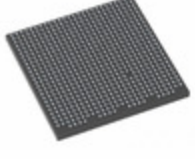
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AMD
IC FPGA 360 I/O 665FCBGA



XC5VLX330-1FF1760C
AMD
IC FPGA 1200 I/O 1760FCBGA



XC5VLX30T-1FFG323I
AMD
IC FPGA 172 I/O 323FCBGA



XC5VLX30T-1FF665I
AMD
IC FPGA 360 I/O 665FCBGA

XC5VLX30T-2FFG665I
AMD
IC FPGA 360 I/O 665FCBGA



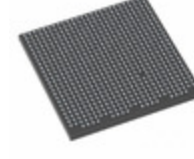
XC5VLX30FFG676
AMD Xilinx

XC5VLX330-2FFG1760C
AMD
IC FPGA 1200 I/O 1760FCBGA



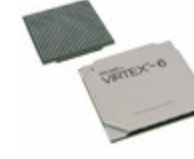
XC5VLX30T-1FFG665I4060
AMD Xilinx

XC5VLX30T-1FFG323C
AMD
IC FPGA 172 I/O 323FCBGA



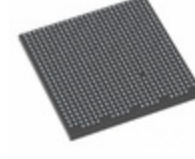
XC5VLX30T-2FFG665C
AMD
IC FPGA 360 I/O 665FCBGA

XC5VLX330-1FFG1760I
AMD
IC FPGA 1200 I/O 1760FCBGA



XC5VLX330-1FF1760I
AMD
IC FPGA 1200 I/O 1760FCBGA

XC5VLX330-2FF1760C
AMD
IC FPGA 1200 I/O 1760FCBGA



XC5VLX30T-1FF665C
AMD
IC FPGA 360 I/O 665FCBGA

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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 +00852 9146 4856 info@allelco.com

Certifications & Memberships



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