

Image may be representation.  
See specifications for product details.



## XC5VSX35T-1FFG665I

Manufacturer Part Number	<b>XC5VSX35T-1FFG665I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC5VSX35T-1FFG665I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 360 I/O 665FCBGA
Package	665-BBGA, FCBGA
Data sheet	XC5VSX35T-1FFG665I.pdf
RoHS Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC5VSX35T-1FFG665I - AMD.New Original in Stock. Download Linear Technology XC5VSX35T-1FFG665I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC5VSX35T-1FFG665I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC5VSX35T-1FFG665I Tech Specifications

XC5VSX35T-1FFG665I - 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	34816
Total RAM Bits	3096576	Number of LABs/CLBs	2720
Supplier Device Package	665-FCBGA (27x27)	Number of I/O	360
Series	Virtex®-5 SXT	Mounting Type	Surface Mount
Package / Case	665-BBGA, FCBGA	Base Product Number	XC5VSX35
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC5VSX35T-1FFG665I

Product Attribute				
Part Number	XC5VSX35T-1FFG665I	<a href="#">XC5VLX85T-1FFG1136I</a>	<a href="#">XC5VSX50T-1FF1136I</a>	<a href="#">XC5VSX240T-1FFG1738C</a>
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	2720	6480	4080	18720
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Series	Virtex®-5 SXT	Virtex®-5 LXT	Virtex®-5 SXT	Virtex®-5 SXT
Number of Logic Elements/Cells	34816	82944	52224	239616
Supplier Device Package	665-FCBGA (27x27)	1136-FCBGA (35x35)	1136-FCBGA (35x35)	1738-FCBGA (42.5x42.5)
Package / Case	665-BBGA, FCBGA	1136-BBGA, FCBGA	1136-BBGA, FCBGA	1738-BBGA, FCBGA
Package	Tray	Tray	Tray	Tray
Base Product Number	XC5VSX35	XC5VLX85	XC5VSX50	XC5VSX240
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	360	480	480	960
Total RAM Bits	3096576	3981312	4866048	19021824

### XC5VSX35T-1FFG665I Datasheet PDF

Download XC5VSX35T-1FFG665I pdf datasheets and AMD documentation for XC5VSX35T-1FFG665I - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Design/Specification

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

[Cross-Ship Lead-Free Notice 31/Oct/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>XC5VLX85T-1FFG1136I</b>	<b>XC5VSX50T-1FF1136I</b>	<b>XC5VSX240T-1FFG1738C</b>	<b>XC5VSX240T-1FFG1738I</b>	<b>XC5VLX85T-2FFG1136C</b>	<b>XC5VSX35T-2FFG665C</b>
AMD IC FPGA 480 I/O 1136FCBGA	AMD IC FPGA 480 I/O 1136FCBGA	AMD IC FPGA 960 I/O 1738FCBGA	AMD IC FPGA 960 I/O 1738FCBGA	AMD IC FPGA 480 I/O 1136FCBGA	AMD IC FPGA 360 I/O 665FCBGA

**XC5VSX50T-1FFG1136C**  
AMD  
IC FPGA 480 I/O 1136FCBGA

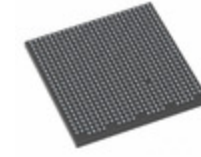
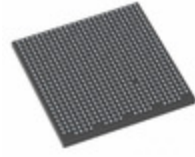
**XC5VLX85T-1FFG1136C**  
AMD  
IC FPGA 480 I/O 1136FCBGA

**XC5VSX50T-1FFG665C**  
AMD  
IC FPGA 360 I/O 665FCBGA

**XC5VSX50T-1FFG1136I**  
AMD  
IC FPGA 480 I/O 1136FCBGA

**XC5VSX35T-2FFG665I**  
AMD  
IC FPGA 360 I/O 665FCBGA

**XC5VSX35T-1FF665I**  
AMD  
IC FPGA 360 I/O 665FCBGA



**XC5VLX85T-2FFG1136I**  
AMD  
IC FPGA 480 I/O 1136FCBGA

**XC5VSX50-1FFG1136C**  
AMD Xilinx

**XC5VSX50T-1FF665I**  
AMD  
IC FPGA 360 I/O 665FCBGA

**XC5VSX50T-1FF1136C**  
AMD  
IC FPGA 480 I/O 1136FCBGA

**XC5VSX35T-1FFG665C**  
AMD  
IC FPGA 360 I/O 665FCBGA

**XC5VLX85T-2FF1136I**  
AMD  
IC FPGA 480 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.



## 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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