



Image may be representation.  
See specifications for product details.



## XC5VFX100T-1FFG1136C

Manufacturer Part Number	<b>XC5VFX100T-1FFG1136C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC5VFX100T-1FFG1136C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 640 I/O 1136FCBGA
Package	1136-BBGA, FCBGA
Data sheet	XC5VFX100T-1FFG1136C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC5VFX100T-1FFG1136C - AMD.New Original in Stock. Download Linear Technology XC5VFX100T-1FFG1136C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC5VFX100T-1FFG1136C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC5VFX100T-1FFG1136C Tech Specifications

XC5VFX100T-1FFG1136C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	0.95V ~ 1.05V	Number of Logic Elements/Cells	102400
Total RAM Bits	8404992	Number of LABs/CLBs	8000
Supplier Device Package	1136-FCBGA (35x35)	Number of I/O	640
Series	Virtex®-5 FXT	Mounting Type	Surface Mount
Package / Case	1136-BBGA, FCBGA	Base Product Number	XC5VFX100
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC5VFX100T-1FFG1136C

Product Attribute				
Part Number	XC5VFX100T-1FFG1136C	<a href="#">XC5VFX100T-1FF1738I</a>	<a href="#">XC5VFX100T-2FFG1738I</a>	<a href="#">XC5VFX100T-1FFG1738I</a>
Manufacturer	AMD	AMD	Xilinx	AMD
Series	Virtex®-5 FXT	Virtex®-5 FXT	Virtex®-5 FXT	Virtex®-5 FXT
Package	Tray	Tray	-	Tray
Number of LABs/CLBs	8000	8000	8000	8000
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95 V ~ 1.05 V	0.95V ~ 1.05V
Supplier Device Package	1136-FCBGA (35x35)	1738-FCBGA (42.5x42.5)	1738-FCBGA (42.5x42.5)	1738-FCBGA (42.5x42.5)
Base Product Number	XC5VFX100	XC5VFX100	-	XC5VFX100
Total RAM Bits	8404992	8404992	8404992	8404992
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	102400	102400	102400	102400
Package / Case	1136-BBGA, FCBGA	1738-BBGA, FCBGA	1738-BBGA, FCBGA	1738-BBGA, FCBGA
Number of I/O	640	680	680	680

### XC5VFX100T-1FFG1136C Datasheet PDF

Download XC5VFX100T-1FFG1136C pdf datasheets and AMD documentation for XC5VFX100T-1FFG1136C - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Design/Specification

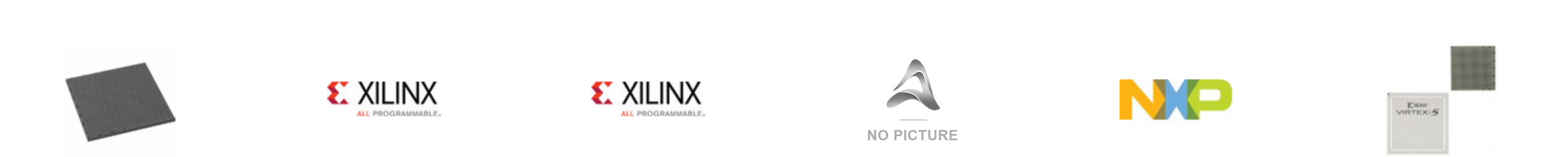
[Mult Dev Material Chg 16/Dec/2019.pdf](#)

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

### Customers Also Interested in

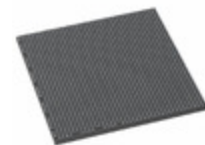
#### Recommended Products

<b>XC5VFX100T-1FF1738I</b>	<b>XC5VFX100T-2FFG1738I</b>	<b>XC5VFX100T-1FFG1738I</b>	<b>XC5VFX100T-1FF1136I</b>	<b>XC5VFX100T-1FFG1136I</b>	<b>XC56309VL100A</b>
AMD IC FPGA 680 I/O 1738FCBGA	Xilinx IC FPGA 680 I/O 1738FCBGA	AMD IC FPGA 680 I/O 1738FCBGA	AMD IC FPGA 640 I/O 1136FCBGA	AMD IC FPGA 640 I/O 1136FCBGA	NXP USA Inc. IC DSP 24BIT 100MHZ 196-MAPBGA

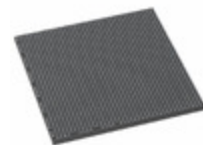


**XC5VFX100T-2FF1738I**AMD  
IC FPGA 680 I/O 1738FCBGA**XC5VFX100T-2FFG1136C**AMD  
IC FPGA 640 I/O 1136FCBGA**XC5VFX100T-2FF1136I4253**

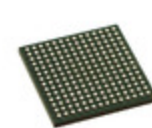
AMD Xilinx

**XC5VFX100T-1FFG1738C**AMD  
IC FPGA 680 I/O 1738FCBGA**XC56311VF150A**

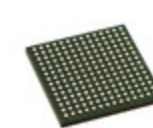
AMD Xilinx

**XC5VFX100T-2FFG1738C**AMD  
IC FPGA 680 I/O 1738FCBGA**XC56824BU70**

MOTOROLA

**XC56309VF100A**NXP USA Inc.  
IC DSP 24BIT FIXED-POINT 196-BGA**XC56311GC150**

Freescale / NXP Semiconductors

**XC56L307VF160**NXP USA Inc.  
IC DSP 24BIT FIXED POINT 196-BGA**XC5VFX100T-2FF1136I**AMD  
IC FPGA 640 I/O 1136FCBGA**XC5VFX100T-2FFG1136I**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.

**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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