



# XC7A15T-1FTG256C

Manufacturer Part Number	<b>XC7A15T-1FTG256C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7A15T-1FTG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 170 I/O 256FTBGA
Package	256-LBGA
Data sheet	XC7A15T-1FTG256C.pdf
RoHs Status	ROHS3 Compliant



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XC7A15T-1FTG256C - AMD.New Original in Stock. Download Linear Technology XC7A15T-1FTG256C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7A15T-1FTG256C, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

XC7A15T-1FTG256C Tech Specifications  
XC7A15T-1FTG256C - 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	16640
Total RAM Bits	921600	Number of LABs/CLBs	1300
Supplier Device Package	256-FTBGA (17x17)	Number of I/O	170
Series	Artix-7	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	XC7A15
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7A15T-1FTG256C

Product Attribute				
Part Number	XC7A15T-1FTG256C	<b>XC7A15T-2FGG484I</b>	<b>XC7A15T-2CPG236I</b>	<b>XC7A15T-2FTG256C</b>
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	256-LBGA	484-BBGA	238-LFBGA, CSPBGA	256-LBGA
Number of Logic Elements/Cells	16640	16640	16640	16640
Number of LABs/CLBs	1300	1300	1300	1300
Base Product Number	XC7A15	XC7A15	XC7A15	XC7A15
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	921600	921600	921600	921600
Package	Tray	Tray	Tray	Tray
Supplier Device Package	256-FTBGA (17x17)	484-FBGA (23x23)	238-CSBGA (10x10)	256-FTBGA (17x17)
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Artix-7	Artix-7	Artix-7	Artix-7
Number of I/O	170	250	106	170

## XC7A15T-1FTG256C Datasheet PDF

Download XC7A15T-1FTG256C pdf datasheets and AMD documentation for XC7A15T-1FTG256C - AMD.

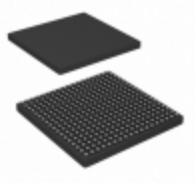
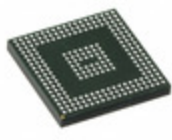
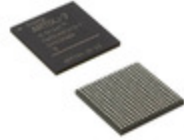
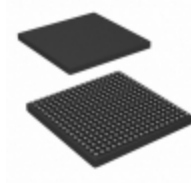
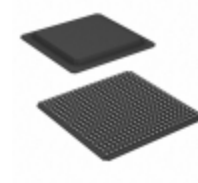
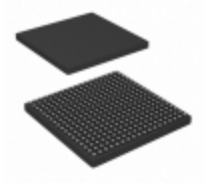
### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

## Customers Also Interested in

### Recommended Products

<b>XC7A15T-2FGG484I</b> AMD IC FPGA 250 I/O 484FBGA	<b>XC7A15T-2CPG236I</b> AMD IC FPGA 106 I/O 238CSBGA	<b>XC7A15T-2FTG256C</b> AMD IC FPGA 170 I/O 256FTBGA	<b>XC7A15T-1CPG236I</b> AMD IC FPGA 106 I/O 238CSBGA	<b>XC7A15T-1FGG484I</b> AMD IC FPGA 250 I/O 484FBGA	<b>XC7A15T-2CSG325I</b> AMD IC FPGA 150 I/O 324CSBGA
<b>XC7A15T-2FGG484C</b> AMD IC FPGA 250 I/O 484FBGA	<b>XC7A15T-2CSG324C</b> AMD IC FPGA 210 I/O 324CSBGA	<b>XC7A15T-2CSG324I</b> AMD IC FPGA 210 I/O 324CSBGA	<b>XC7A15T-1FTG256I</b> AMD IC FPGA 170 I/O 256FTBGA	<b>XC7A12T-L1CSG325I</b> AMD IC FPGA 150 I/O 324CSBGA	<b>XC7A15T-1CSG325C</b> AMD IC FPGA 150 I/O 324CSBGA

**XC7A15T-2CSG325C**AMD  
IC FPGA 150 I/O 324CSBGA**XC7A15T-2CPG236C**AMD  
IC FPGA 106 I/O 238CSBGA**XC7A15T-1CSG324I**AMD  
IC FPGA 210 I/O 324CSBGA**XC7A12T-L2CSG325E**AMD  
IC FPGA 150 I/O 324CSBGA**XC7A15T-1FGG484C**AMD  
IC FPGA 250 I/O 484FBGA**XC7A15T-1CSG325I**AMD  
IC FPGA 150 I/O 324CSBGA

## 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 -



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Contact us if you have any questions.



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