



## XC7A50T-2FTG256C

Manufacturer Part Number	<b>XC7A50T-2FTG256C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7A50T-2FTG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 170 I/O 256FTBGA
Package	256-LBGA
Data sheet	<b>Artix-7 FPGAs Brief.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

XC7A50T-2FTG256C - AMD.New Original in Stock. Download Linear Technology XC7A50T-2FTG256C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7A50T-2FTG256C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7A50T-2FTG256C Tech Specifications  
XC7A50T-2FTG256C - 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	52160
Total RAM Bits	2764800	Number of LABs/CLBs	4075
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	XC7A50
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7A50T-2FTG256C

Product Attribute				
Part Number	XC7A50T-2FTG256C	XC7A50T-3CSG324E	XC7A50T-2FTG256I	XC7A50T-L1CSG325I
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	4075	-	4075	4075
Number of I/O	170	-	170	150
Package	Tray	-	Tray	Tray
Series	Artix-7	-	Artix-7	Artix-7
Package / Case	256-LBGA	-	256-LBGA	324-LFBGA, CSPBGA
Number of Logic Elements/Cells	52160	-	52160	52160
Base Product Number	XC7A50	-	XC7A50	XC7A50
Supplier Device Package	256-FTBGA (17x17)	-	256-FTBGA (17x17)	324-CSPBGA (15x15)
Operating Temperature	0°C ~ 85°C (TJ)	-	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Total RAM Bits	2764800	-	2764800	2764800
Voltage - Supply	0.95V ~ 1.05V	-	0.95V ~ 1.05V	0.95V ~ 1.05V

### XC7A50T-2FTG256C Datasheet PDF

Download XC7A50T-2FTG256C pdf datasheets and AMD documentation for XC7A50T-2FTG256C - AMD.

#### Datasheets

[Artix-7 FPGAs Brief.pdf](#)

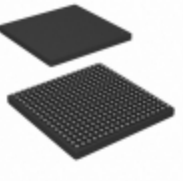

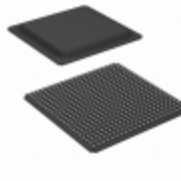
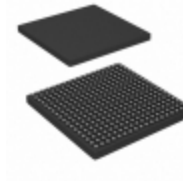
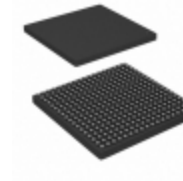
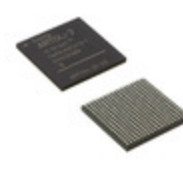
#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>XC7A50T-3CSG324E</b> AMD IC FPGA 210 I/O 324CSBGA	<b>XC7A50T-2FTG256I</b> AMD IC FPGA 170 I/O 256FTBGA	<b>XC7A50T-L1CSG325I</b> AMD IC FPGA 150 I/O 324CSBGA	<b>XC7A50T-2CSG324C</b> AMD IC FPGA 210 I/O 324CSBGA	<b>XC7A50T-2FGG484C</b> AMD IC FPGA 250 I/O 484FBGA	<b>XC7A50T-3FGG484E</b> AMD IC FPGA 250 I/O 484FBGA
<b>XC7A50T-L1CSG324I</b>	<b>XC7A50T-L1CPG236I</b>	<b>XC7A50T-2FGG484I</b>	<b>XC7A50T-3CPG236E</b>	<b>XC7A50T-2CPG236C</b>	<b>XC7A50T-2CPG236I</b>

AMD IC FPGA 210 I/O 324CSBGA	AMD IC FPGA 106 I/O 238CSBGA	AMD IC FPGA 250 I/O 484FBGA	AMD IC FPGA 106 I/O 238CSBGA	AMD IC FPGA 106 I/O 238CSBGA	AMD IC FPGA 106 I/O 238CSBGA
					
<b>XC7A50T-2CSG325I</b>	<b>XC7A50T-1FTG256I</b>	<b>XC7A50T-L1FGG484I</b>	<b>XC7A50T-3CSG325E</b>	<b>XC7A50T-2CSG325C</b>	<b>XC7A50T-2CSG324I</b>
AMD IC FPGA 150 I/O 324CSBGA	AMD IC FPGA 170 I/O 256FTBGA	AMD IC FPGA 250 I/O 484FBGA	AMD IC FPGA 150 I/O 324CSBGA	AMD IC FPGA 150 I/O 324CSBGA	AMD IC FPGA 210 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.



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-  Efficient Supply Management
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-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
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## Certifications & Memberships



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