



XC7A50T-2FTG256I

Manufacturer Part Number	XC7A50T-2FTG256I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7A50T-2FTG256I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 170 I/O 256FTBGA
Package	256-LBGA
Data sheet	XC7A50T-2FTG256I.pdf
RoHs Status	ROHS3 Compliant



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XC7A50T-2FTG256I - AMD.New Original in Stock. Download Linear Technology XC7A50T-2FTG256I datasheet/specifications on AllelcoElec.com.

Request a quote for XC7A50T-2FTG256I, please send us email: info@allelco.com

Specifications

XC7A50T-2FTG256I Tech Specifications

XC7A50T-2FTG256I - 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	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-2FTG256I

Product Attribute				
Part Number	XC7A50T-2FTG256I	XC7A50T-3CPG236E	XC7A50T-L1CSG325I	XC7A50T-2FGG484I
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC7A50	XC7A50	XC7A50	XC7A50
Supplier Device Package	256-FTBGA (17x17)	238-CSBGA (10x10)	324-CSPBGA (15x15)	484-FBGA (23x23)
Package	Tray	Tray	Tray	Tray
Package / Case	256-LBGA	238-LFBGA, CSPBGA	324-LFBGA, CSPBGA	484-BBGA
Number of I/O	170	106	150	250
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Series	Artix-7	Artix-7	Artix-7	Artix-7
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Total RAM Bits	2764800	2764800	2764800	2764800
Number of Logic Elements/Cells	52160	52160	52160	52160
Number of LABs/CLBs	4075	4075	4075	4075

XC7A50T-2FTG256I Datasheet PDF

Download XC7A50T-2FTG256I pdf datasheets and AMD documentation for XC7A50T-2FTG256I - AMD.

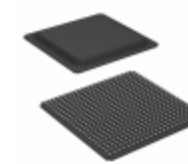
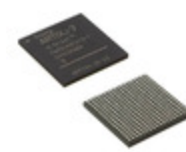
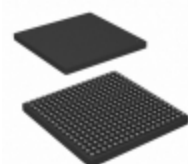
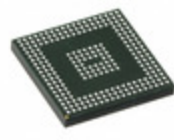
Environmental Information

[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

Recommended Products

XC7A50T-3CPG236E	XC7A50T-L1CSG325I	XC7A50T-2FGG484I	XC7A50T-2CSG325I	XC7A50T-2CSG324C	XC7A50T-2CPG236C
AMD IC FPGA 106 I/O 238CSBGA	AMD IC FPGA 150 I/O 324CSBGA	AMD IC FPGA 250 I/O 484FBGA	AMD IC FPGA 150 I/O 324CSBGA	AMD IC FPGA 210 I/O 324CSBGA	AMD IC FPGA 106 I/O 238CSBGA
XC7A50T-1FTG256I	XC7A50T-2CPG236I	XC7A50T-L1FGG484I	XC7A50T-3CSG324E	XC7A50T-2CSG324I	XC7A50T-3CSG325E
AMD IC FPGA 170 I/O 256FTBGA	AMD IC FPGA 106 I/O 238CSBGA	AMD IC FPGA 250 I/O 484FBGA	AMD IC FPGA 210 I/O 324CSBGA	AMD IC FPGA 210 I/O 324CSBGA	AMD IC FPGA 150 I/O 324CSBGA



XC7A50T-2FTG256C

AMD
IC FPGA 170 I/O 256FTBGA

XC7A50T-L1CPG236I

AMD
IC FPGA 106 I/O 238CSBGA

XC7A50T-2CSG325C

AMD
IC FPGA 150 I/O 324CSBGA

XC7A50T-L1CSG324I

AMD
IC FPGA 210 I/O 324CSBGA

XC7A50T-3FGG484E

AMD
IC FPGA 250 I/O 484FBGA

XC7A50T-L2CPG236E

AMD
IC FPGA 106 I/O 238CSBGA

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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