



XC2S150-5FG456C

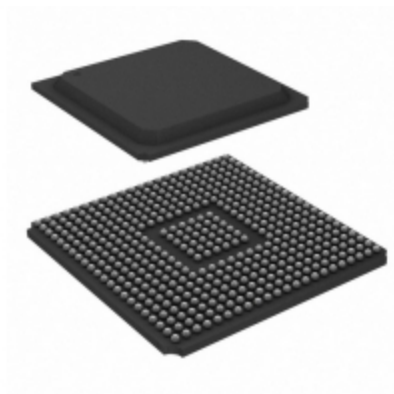


Image may be representation.
See specifications for product details.



Manufacturer Part Number **XC2S150-5FG456C**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC2S150-5FG456C**

ECAD Model Request Free CAD Models

Parts Description **IC FPGA 260 I/O 456FBGA**

Package **456-BBGA**

Data sheet [XC2S150-5FG456C.pdf](#)

Get a Quote

XC2S150-5FG456C - AMD.New Original in Stock. Download Linear Technology XC2S150-5FG456C datasheet/specifications on AllelcoElec.com.

Request a quote for XC2S150-5FG456C, please send us email: info@allelco.com

Specifications

XC2S150-5FG456C Tech Specifications

XC2S150-5FG456C - 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	2.375V ~ 2.625V	Number of Logic Elements/Cells	3888
Total RAM Bits	49152	Number of LABs/CLBs	864
Supplier Device Package	456-FBGA (23x23)	Number of I/O	260
Series	Spartan®-II	Number of Gates	150000
Package / Case	456-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC2S150

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2S150-5FG456C

Product Attribute				
Part Number	XC2S150-5FG456C	XC2S150-5FGG256C	XC2S150-5PQG208C	XC2S15-5TQG144C
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC2S150	XC2S150	XC2S150	XC2S15
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Package / Case	456-BBGA	256-BGA	208-BFQFP	144-LQFP
Number of LABs/CLBs	864	864	864	96
Number of Gates	150000	150000	150000	15000
Number of I/O	260	176	140	86
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	456-FBGA (23x23)	256-FBGA (17x17)	208-PQFP (28x28)	144-TQFP (20x20)
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Total RAM Bits	49152	49152	49152	16384
Number of Logic Elements/Cells	3888	3888	3888	432

XC2S150-5FG456C Datasheet PDF

Download XC2S150-5FG456C pdf datasheets and AMD documentation for XC2S150-5FG456C - AMD.

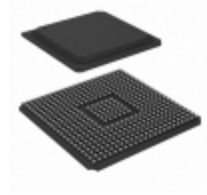
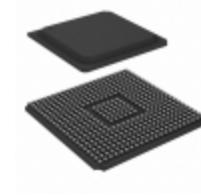
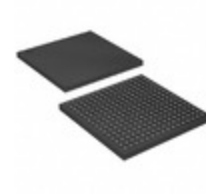
Environmental Information

[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

Recommended Products

XC2S150-5FGG256C AMD IC FPGA 176 I/O 256FBGA	XC2S150-5PQG208C AMD IC FPGA 140 I/O 208QFP	XC2S15-5TQG144C AMD IC FPGA 86 I/O 144TQFP	XC2S15-6TQ144C Xilinx IC FPGA 86 I/O 144TQFP	XC2S150 AMD Xilinx	XC2S150-5PQ208C AMD IC FPGA 140 I/O 208QFP
XC2S15-5TQG144I AMD IC FPGA 86 I/O 144TQFP	XC2S150-5FG456 AMD Xilinx	XC2S150-5FG256C AMD IC FPGA 176 I/O 256FBGA	XC2S150-5FGG256I AMD IC FPGA 176 I/O 256FBGA	XC2S15-5VQ100C AMD IC FPGA 60 I/O 100VQFP	XC2S150-5FGG456C AMD IC FPGA 260 I/O 456FBGA



XC2S15-5VQG100I

AMD
IC FPGA 60 I/O 100VQFP

XC2S150-5PQ208I

AMD
IC FPGA 140 I/O 208QFP

XC2S15-5VQG100C

AMD
IC FPGA 60 I/O 100VQFP

XC2S150-5FG256I

AMD
IC FPGA 176 I/O 256FBGA

XC2S150-5FG456I

AMD
IC FPGA 260 I/O 456FBGA

XC2S150-5FGG456I

AMD
IC FPGA 260 I/O 456FBGA

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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Contact us if you have any questions.

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