

Image may be representation.  
See specifications for product details.



## XC2S150-6FG456C

Manufacturer Part Number	<b>XC2S150-6FG456C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2S150-6FG456C
ECAD Model	Request Free CAD Models
Parts Description	<b>IC FPGA 260 I/O 456FBGA</b>
Package	<b>456-BBGA</b>
Data sheet	XC2S150-6FG456C.pdf

**Get a Quote**

XC2S150-6FG456C - AMD, New Original in Stock. Download Linear Technology XC2S150-6FG456C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2S150-6FG456C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2S150-6FG456C Tech Specifications  
XC2S150-6FG456C - 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

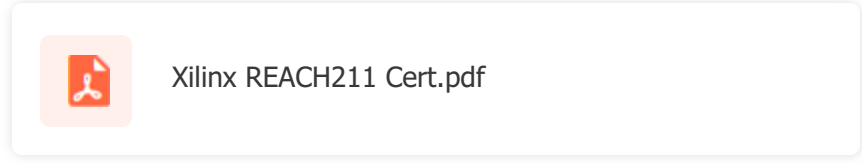
The three parts on the right have similar specifications to AMD XC2S150-6FG456C

Product Attribute				
Part Number	XC2S150-6FG456C	<b>XC2S150-5FGG456I</b>	<b>XC2S150-6FGG456C</b>	<b>XC2S150-6FGG256C</b>
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC2S150	XC2S150	XC2S150	XC2S150
Supplier Device Package	456-FBGA (23x23)	456-FBGA (23x23)	456-FBGA (23x23)	256-FBGA (17x17)
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Gates	150000	150000	150000	150000
Number of I/O	260	260	260	176
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	3888	3888	3888	3888
Number of LABs/CLBs	864	864	864	864
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Total RAM Bits	49152	49152	49152	49152
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Package / Case	456-BBGA	456-BBGA	456-BBGA	256-BGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC2S150-6FG456C Datasheet PDF

Download XC2S150-6FG456C pdf datasheets and AMD documentation for XC2S150-6FG456C - AMD.

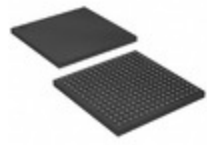
#### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC2S150-51PQ208</b>	<b>XC2S150-5FGG456I</b>	<b>XC2S150-6FGG456C</b>	<b>XC2S150-6FGG256C</b>	<b>XC2S150-5PQG208C</b>	<b>XC2S150E-6FG456C</b>	
AMD Xilinx	AMD IC FPGA 260 I/O 456FBGA	AMD IC FPGA 260 I/O 456FBGA	AMD IC FPGA 176 I/O 256FBGA	AMD IC FPGA 140 I/O 208QFP	AMD Xilinx	
<b>XC2S150-6PQG208C</b>	<b>XC2S150-5FGG256I</b>	<b>XC2S150-5FGG456C</b>	<b>XC2S150-5PQG208C-ES</b>	<b>XC2S150E-6FG456I</b>	<b>XC2S150-5PQG208I</b>	
AMD IC FPGA 140 I/O 208QFP	AMD IC FPGA 176 I/O 256FBGA	AMD IC FPGA 260 I/O 456FBGA	AMD Xilinx	AMD Xilinx	AMD IC FPGA 140 I/O 208QFP	



### XC2S150-6FG256C

AMD  
IC FPGA 176 I/O 256FBGA

### XC2S150E-6FT256C

Altera (Intel)

### XC2S150E-6FGG456C

AMD Xilinx

### XC2S150-5PQ208C

AMD  
IC FPGA 140 I/O 208QFP

### XC2S150-5PQ208I

AMD  
IC FPGA 140 I/O 208QFP

### XC2S150-6PQ208C

AMD  
IC FPGA 140 I/O 208QFP

## 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.

- Phone  
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- Email  
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## Certifications & Memberships



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