

Image may be representation.  
See specifications for product details.



## XC2S150-5FG456I

Manufacturer Part Number	<b>XC2S150-5FG456I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2S150-5FG456I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 260 I/O 456FBGA
Package	456-BBGA
Data sheet	XC2S150-5FG456I.pdf

**Get a Quote**

XC2S150-5FG456I - AMD.New Original in Stock. Download Linear Technology XC2S150-5FG456I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2S150-5FG456I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2S150-5FG456I Tech Specifications

XC2S150-5FG456I - 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	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

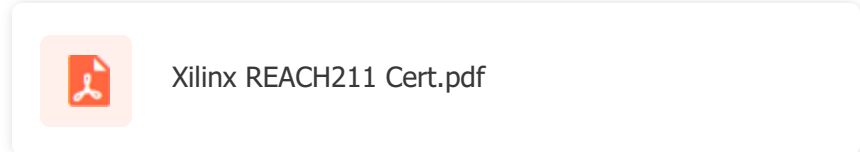
The three parts on the right have similar specifications to AMD XC2S150-5FG456I

Product Attribute				
Part Number	XC2S150-5FG456I	<b>XC2S15-5VQG100C</b>	<b>XC2S15-6TQ144C</b>	<b>XC2S150-5PQ208I</b>
Manufacturer	AMD	AMD	Xilinx	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	456-FBGA (23x23)	100-VQFP (14x14)	144-TQFP (20x20)	208-PQFP (28x28)
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	3888	432	432	3888
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Number of Gates	150000	15000	15000	150000
Number of I/O	260	60	86	140
Base Product Number	XC2S150	XC2S15	-	XC2S150
Number of LABs/CLBs	864	96	96	864
Package / Case	456-BBGA	100-TQFP	144-LQFP	208-BFQFP
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375 V ~ 2.625 V	2.375V ~ 2.625V
Total RAM Bits	49152	16384	16384	49152
Package	Tray	Tray	-	Tray

### XC2S150-5FG456I Datasheet PDF

Download XC2S150-5FG456I pdf datasheets and AMD documentation for XC2S150-5FG456I - AMD.

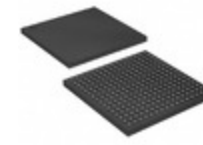
#### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC2S15-5VQG100C</b>	<b>XC2S15-6TQ144C</b>	<b>XC2S150-5PQ208I</b>	<b>XC2S150-5PQG208C</b>	<b>XC2S150-5FGG256I</b>	<b>XC2S150-5FGG456C</b>
AMD	Xilinx	AMD	AMD	AMD	AMD
IC FPGA 60 I/O 100VQFP	IC FPGA 86 I/O 144TQFP	IC FPGA 140 I/O 208QFP	IC FPGA 140 I/O 208QFP	IC FPGA 176 I/O 256FBGA	IC FPGA 260 I/O 456FBGA
<b>XC2S150-5FGG456I</b>	<b>XC2S15-5VQ100C</b>	<b>XC2S150-5FG256I</b>	<b>XC2S150-5FG456C</b>	<b>XC2S15-5VQG100I</b>	<b>XC2S150-5FG256C</b>
AMD	AMD	AMD	AMD	AMD	AMD
IC FPGA 260 I/O 456FBGA	IC FPGA 60 I/O 100VQFP	IC FPGA 176 I/O 256FBGA	IC FPGA 260 I/O 456FBGA	IC FPGA 60 I/O 100VQFP	IC FPGA 176 I/O 256FBGA



**XC2S150-5FG456**

AMD Xilinx

**XC2S15-5TQG144I**

AMD  
IC FPGA 86 I/O 144TQFP

**XC2S150-5PQG208I**

AMD  
IC FPGA 140 I/O 208QFP

**XC2S150-5FGG256C**

AMD  
IC FPGA 176 I/O 256FBGA

**XC2S150-5PQ208C**

AMD  
IC FPGA 140 I/O 208QFP

**XC2S150**

AMD Xilinx

## 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.



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+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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