



# XC2S30-5CSG144C

Manufacturer Part Number	<b>XC2S30-5CSG144C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2S30-5CSG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 92 I/O 144CSBGA
Package	144-TFBGA, CSPBGA
Data sheet	XC2S30-5CSG144C.pdf
RoHs Status	ROHS3 Compliant



**Get a Quote**

XC2S30-5CSG144C - AMD.New Original in Stock. Download Linear Technology XC2S30-5CSG144C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2S30-5CSG144C, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

XC2S30-5CSG144C Tech Specifications  
XC2S30-5CSG144C - 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	972
Total RAM Bits	24576	Number of LABs/CLBs	216
Supplier Device Package	144-LCSBGA (12x12)	Number of I/O	92
Series	Spartan®-II	Number of Gates	30000
Package / Case	144-TFBGA, CSPBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC2S30

## Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2S30-5CSG144C

Product Attribute				
Part Number	XC2S30-5CSG144C	XC2S30-5CS144C	XC2S30-5TQG144I	XC2S30-5TQG144I
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Tray	Tray	Tray
Base Product Number	XC2S30	XC2S30	XC2S30	XC2S30
Number of Gates	30000	30000	30000	30000
Number of LABs/CLBs	216	216	216	216
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Package / Case	144-TFBGA, CSPBGA	144-TFBGA, CSPBGA	144-LQFP	144-LQFP
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of I/O	92	92	92	92
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	972	972	972	972
Total RAM Bits	24576	24576	24576	24576
Supplier Device Package	144-LCSBGA (12x12)	144-LCSBGA (12x12)	144-TQFP (20x20)	144-TQFP (20x20)
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V

## XC2S30-5CSG144C Datasheet PDF

Download XC2S30-5CSG144C pdf datasheets and AMD documentation for XC2S30-5CSG144C - AMD.

### PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

### Environmental Information

Xilinx REACH211 Cert.pdf

## Customers Also Interested in

### Recommended Products



**XC2S200E-PQG208**  
AMD Xilinx

**XC2S200E-7FGG456C**  
AMD Xilinx

**XC2S200E-7FG456C**  
AMD Xilinx

**XC2S30-5CS144C**  
AMD  
IC FPGA 92 I/O 144CSBGA

**XC2S200E-7PQG208C**  
AMD Xilinx

**XC2S30-5TQG144I**  
AMD  
IC FPGA 92 I/O 144TQFP



**XC2S30-5TQ144I**  
AMD  
IC FPGA 92 I/O 144TQFP

**XC2S30-5PQ208I**  
AMD  
IC FPGA 140 I/O 208QFP

**XC2S30-5PQG208C**  
Altera (Intel)

**XC2S200FG456AMS-5C**  
AMD Xilinx

**XC2S30-5TQG144C**  
AMD  
IC FPGA 92 I/O 144TQFP

**XC2S30-5TQ144C**  
AMD  
IC FPGA 92 I/O 144TQFP



**XC2S30-5CSG144I**  
AMD  
IC FPGA 92 I/O 144CSBGA

**XC2S200TMFG456-5C**  
AMD Xilinx

**XC2S30-5VQ100I**  
AMD  
IC FPGA 60 I/O 100VQFP

**XC2S30-5VQ100C**  
AMD  
IC FPGA 60 I/O 100VQFP

**XC2S30-5PQ208C**  
AMD  
IC FPGA 140 I/O 208QFP

**XC2S200FGG256**  
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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## Certifications & Memberships



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