

Image may be representation.
See specifications for product details.



XC2S100-6FG256C

Manufacturer Part Number	XC2S100-6FG256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S100-6FG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 176 I/O 256FBGA
Package	256-BGA
Data sheet	XC2S100-6FG256C.pdf

Get a Quote

XC2S100-6FG256C - AMD, New Original in Stock. Download Linear Technology XC2S100-6FG256C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2S100-6FG256C, please send us email: info@allelco.com

Specifications

XC2S100-6FG256C Tech Specifications
XC2S100-6FG256C - 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	2700
Total RAM Bits	40960	Number of LABs/CLBs	600
Supplier Device Package	256-FBGA (17x17)	Number of I/O	176
Series	Spartan®-II	Number of Gates	100000
Package / Case	256-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC2S100

Parts with Similar Specifications

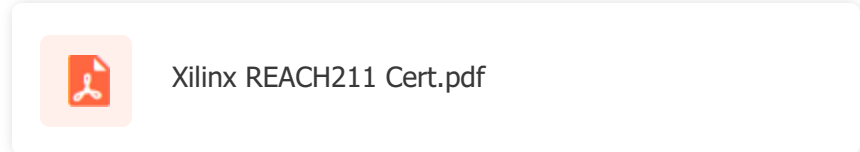
The three parts on the right have similar specifications to AMD XC2S100-6FG256C

Product Attribute				
Part Number	XC2S100-6FG256C	XC2S100-6PQG208C	XC2S100-6PQ208C	XC2S100-6TQ144C
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	600	600	600	600
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Number of Logic Elements/Cells	2700	2700	2700	2700
Package / Case	256-BGA	208-BFQFP	208-BFQFP	144-LQFP
Total RAM Bits	40960	40960	40960	40960
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
Base Product Number	XC2S100	-	XC2S100	XC2S100
Number of I/O	176	140	140	92
Package	Tray	Tray	Tray	Tray
Number of Gates	100000	100000	100000	100000
Supplier Device Package	256-FBGA (17x17)	208-PQFP (28x28)	208-PQFP (28x28)	144-TQFP (20x20)
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V

XC2S100-6FG256C Datasheet PDF

Download XC2S100-6FG256C pdf datasheets and AMD documentation for XC2S100-6FG256C - AMD.

Environmental Information



Customers Also Interested in

Recommended Products



XC2S100-6PQG208C
AMD
IC FPGA 140 I/O 208QFP



XC2S100-6PQ208C
AMD
IC FPGA 140 I/O 208QFP



XC2S100-6TQ144C
AMD
IC FPGA 92 I/O 144TQFP



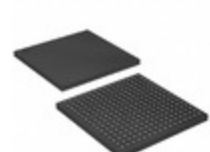
XC2S100E-6FG456C
AMD Xilinx



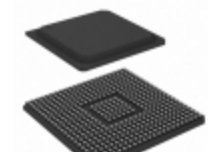
XC2S100-5PQ208I
AMD
IC FPGA 140 I/O 208QFP



XC2S100-5TQG144I
AMD
IC FPGA 92 I/O 144TQFP



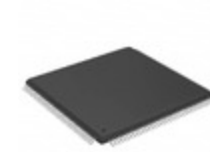
XC2S100-6FGG256C
AMD
IC FPGA 176 I/O 256FBGA



XC2S100-6FG456C
AMD
IC FPGA 196 I/O 456FBGA



XC2S100-5TQG144C
AMD
IC FPGA 92 I/O 144TQFP



XC2S100-5TQ144C
AMD
IC FPGA 92 I/O 144TQFP



XC2S100-6TQG144C
AMD
IC FPGA 92 I/O 144TQFP



XC2S100-5PQ208Q
AMD Xilinx



XC2S100-5TQG144

AMD Xilinx

XC2S100-PQ208

AMD Xilinx

XC2S100-5TQ144I

AMD
IC FPGA 92 I/O 144TQFP

XC2S100-5PQG208C

AMD
IC FPGA 140 I/O 208QFP

XC2S100-6FT256I

AMD Xilinx

XC2S100-5PQG208I

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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