



Image may be representation.
See specifications for product details.

XC2S100-5FG256C

Manufacturer Part Number	XC2S100-5FG256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S100-5FG256C
ECAD Model	 Request Free CAD Models
Parts Description	IC FPGA 176 I/O 256FBGA
Package	256-BGA
Data sheet	XC2S100-5FG256C.pdf

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XC2S100-5FG256C - AMD,New Original in Stock. Download Linear Technology XC2S100-5FG256C datasheet/specifications on AllelcoElec.com.
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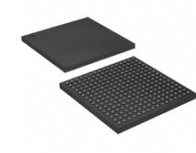
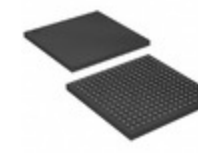
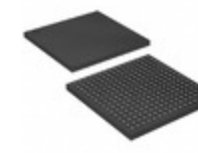
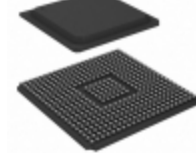
Specifications

XC2S100-5FG256C Tech Specifications
XC2S100-5FG256C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value
Manufacturer	AMD Xilinx
Voltage - Supply	2.375V ~ 2.625V
Total RAM Bits	40960
Supplier Device Package	256-FBGA (17x17)
Series	Spartan®-II
Package / Case	256-BGA
Package	Tray
Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	2700
Number of LABs/CLBs	600
Number of I/O	176
Number of Gates	100000
Mounting Type	Surface Mount
Base Product Number	XC2S100

Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XC2S100-5FG256C

Product Attribute				
Part Number	XC2S100-5FG256C	XC2S100-5FGG256C	XC2S100-5FGG256I	XC2S100-5FG456I
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of I/O	176	176	176	196
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Base Product Number	XC2S100	XC2S100	XC2S100	XC2S100
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Package / Case	256-BGA	256-BGA	256-BGA	456-BBGA
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	600	600	600	600
Number of Gates	100000	100000	100000	100000
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	256-FBGA (17x17)	456-FBGA (23x23)
Number of Logic Elements/Cells	2700	2700	2700	2700
Total RAM Bits	40960	40960	40960	40960

XC2S100-5FG256C Datasheet PDF

Download XC2S100-5FG256C pdf datasheets and AMD documentation for XC2S100-5FG256C - AMD.

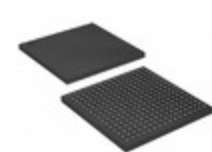
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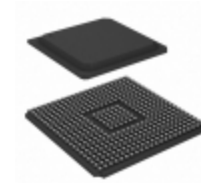
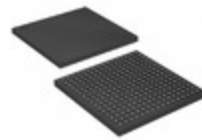


Xilinx REACH211 Cert.pdf

Customers Also Interested in

Recommended Products

					
XC2S100-5FG256Q	XC2C64A-VQG100	XC2C64A-7VQG100I	XC2S100-5FG256	XC2C64A-7VQG100C	XC2S100-5FG256C
AMD Xilinx	AMD Xilinx	AMD IC CPLD 64MC 6.7NS 100VQFP	AMD Xilinx	AMD IC CPLD 64MC 6.7NS 100VQFP	AMD Xilinx
					
XC2S100-5FGG256C	XC2C64A-7VQ44I	XC2S100-4FGG256C	XC2S100-5FG456CES	XC2S100-5FGG256I	XC2S100-5FG456I
AMD IC FPGA 176 I/O 256FBGA	AMD IC CPLD 64MC 6.7NS 44VQFP		AMD Xilinx	AMD IC FPGA 176 I/O 256FBGA	AMD IC FPGA 196 I/O 456FBGA



XC2S100-5FGG456C

AMD Xilinx

XC2C64A-7VQG44C

AMD
IC CPLD 64MC 6.7NS 44VQFP

XC2S100-5FG256I

AMD
IC FPGA 176 I/O 256FBGA

XC2S100-4FGG256I

XC2S100-5FG456C

AMD
IC FPGA 196 I/O 456FBGA

XC2C64A-7VQG44I

AMD
IC CPLD 64MC 6.7NS 44VQFP

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

+00852 9146 4856



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