



XC2S100-5PQ208C

Manufacturer Part Number	XC2S100-5PQ208C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S100-5PQ208C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 140 I/O 208QFP
Package	208-BFQFP
Data sheet	XC2S100-5PQ208C.pdf



Get a Quote

XC2S100-5PQ208C - AMD.New Original in Stock. Download Linear Technology XC2S100-5PQ208C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2S100-5PQ208C, please send us email: info@allelco.com

Specifications

XC2S100-5PQ208C Tech Specifications
XC2S100-5PQ208C - 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	208-PQFP (28x28)	Number of I/O	140
Series	Spartan®-II	Number of Gates	100000
Package / Case	208-BFQFP	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 XC2S100-5PQ208C

Product Attribute				
Part Number	XC2S100-5PQ208C	XC2S100-5FG456C	XC2S100-5TQG144I	XC2S100-5PQG208I
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Package / Case	208-BFQFP	456-BBGA	144-LQFP	208-BFQFP
Number of I/O	140	196	92	140
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Number of Gates	100000	100000	100000	100000
Total RAM Bits	40960	40960	40960	40960
Supplier Device Package	208-PQFP (28x28)	456-FBGA (23x23)	144-TQFP (20x20)	208-PQFP (28x28)
Number of LABs/CLBs	600	600	600	600
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	2700	2700	2700	2700
Base Product Number	XC2S100	XC2S100	XC2S100	-

XC2S100-5PQ208C Datasheet PDF

Download XC2S100-5PQ208C pdf datasheets and AMD documentation for XC2S100-5PQ208C - AMD.

PCN Assembly/Origin

[2.73KHz.pdf](#)

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

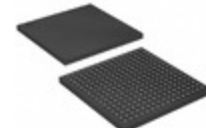
Customers Also Interested in

Recommended Products

XC2S100-5FG456C	XC2S100-5TQG144I	XC2S100-5PQG208I	XC2S100-5FGG256I	XC2S100-5FQ256C	XC2S100-5PQ208Q
AMD	AMD	AMD	AMD	AMD Xilinx	AMD Xilinx
IC FPGA 196 I/O 456FBGA	IC FPGA 92 I/O 144TQFP	IC FPGA 140 I/O 208QFP	IC FPGA 176 I/O 256FBGA		

**XC2S100-5PQ208**

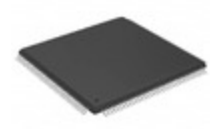
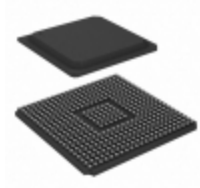
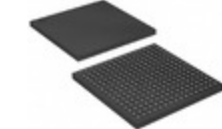
AMD Xilinx

**XC2S100-5FG256I**AMD
IC FPGA 176 I/O 256FBGA**XC2S100-5FG456CES**

AMD Xilinx

XC2S100-5FG256Q

AMD Xilinx

**XC2S100-5TQ144I**AMD
IC FPGA 92 I/O 144TQFP**XC2S100-5TQG144C**AMD
IC FPGA 92 I/O 144TQFP**XC2S100-5PQG208C**AMD
IC FPGA 140 I/O 208QFP**XC2S100-5TQ144C**AMD
IC FPGA 92 I/O 144TQFP**XC2S100-5FGG256C**AMD
IC FPGA 176 I/O 256FBGA**XC2S100-5FGG456C**

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

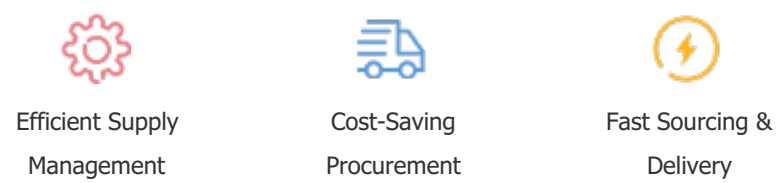
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

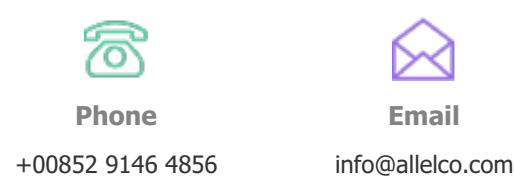
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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