



XC2S100-5PQ208I

Manufacturer Part Number	XC2S100-5PQ208I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S100-5PQ208I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 140 I/O 208QFP
Package	208-BFQFP
Data sheet	XC2S100-5PQ208I.pdf



Get a Quote

XC2S100-5PQ208I - AMD.New Original in Stock. Download Linear Technology XC2S100-5PQ208I datasheet/specifications on AllelcoElec.com.
Request a quote for XC2S100-5PQ208I, please send us email: info@allelco.com

Specifications

XC2S100-5PQ208I Tech Specifications
XC2S100-5PQ208I - 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	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 XC2S100-5PQ208I

Product Attribute	NO PICTURE			
Part Number	XC2S100-5PQ208I	XC2S100-5PQG208C	XC2S100-5FGG256I	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
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of LABs/CLBs	600	600	600	600
Number of Logic Elements/Cells	2700	2700	2700	2700
Package	Tray	Tray	Tray	Tray
Total RAM Bits	40960	40960	40960	40960
Number of Gates	100000	100000	100000	100000
Base Product Number	XC2S100	XC2S100	XC2S100	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	208-PQFP (28x28)	208-PQFP (28x28)	256-FBGA (17x17)	208-PQFP (28x28)
Number of I/O	140	140	176	140
Package / Case	208-BFQFP	208-BFQFP	256-BGA	208-BFQFP
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II

XC2S100-5PQ208I Datasheet PDF

Download XC2S100-5PQ208I pdf datasheets and AMD documentation for XC2S100-5PQ208I - AMD.

PCN Assembly/Origin

[2.73KHz.pdf](#)

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

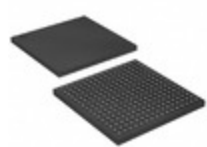
PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

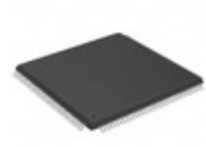
Customers Also Interested in

Recommended Products

XC2S100-5PQ208Q	XC2S100-5PQG208C	XC2S100-5FGG256I	XC2S100-5FQ256C	XC2S100-5PQG208I	XC2S100-5FG256Q
AMD Xilinx	AMD IC FPGA 140 I/O 208QFP	AMD IC FPGA 176 I/O 256FBGA	AMD Xilinx	AMD IC FPGA 140 I/O 208QFP	AMD Xilinx



XC2S100-5FGG256C
AMD
IC FPGA 176 I/O 256FBGA



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



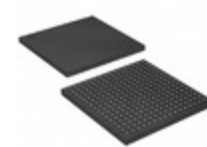
XC2S100-5TQG144I
AMD
IC FPGA 92 I/O 144TQFP



XC2S100-5TQ144I
AMD
IC FPGA 92 I/O 144TQFP



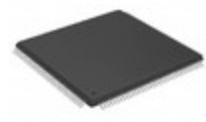
XC2S100-5PQ208
AMD Xilinx



XC2S100-6FG256C
AMD
IC FPGA 176 I/O 256FBGA



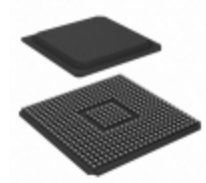
XC2S100-5PQ208C
AMD
IC FPGA 140 I/O 208QFP



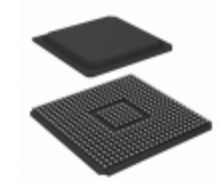
XC2S100-5TQ144C
AMD
IC FPGA 92 I/O 144TQFP



XC2S100-5FG456CES
AMD Xilinx



XC2S100-5FG456I
AMD
IC FPGA 196 I/O 456FBGA



XC2S100-5FG456C
AMD
IC FPGA 196 I/O 456FBGA



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.



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Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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