



XC2VP20-5FF896C

Manufacturer Part Number	XC2VP20-5FF896C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2VP20-5FF896C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 556 I/O 896FCBGA
Package	896-BBGA, FCBGA
Data sheet	Cylindrical Battery Holders.pdf



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XC2VP20-5FF896C - AMD.New Original in Stock. Download Linear Technology XC2VP20-5FF896C datasheet/specifications on AllelcoElec.com.
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Specifications

XC2VP20-5FF896C Tech Specifications
XC2VP20-5FF896C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Bulk
Voltage - Supply	1.425V ~ 1.575V	Operating Temperature	0°C ~ 85°C (TJ)
Total RAM Bits	1622016	Number of Logic Elements/Cells	20880
Supplier Device Package	896-FCBGA (31x31)	Number of LABs/CLBs	2320
Series	Virtex®-II Pro	Number of I/O	556
Package / Case	896-BBGA, FCBGA	Mounting Type	Surface Mount

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2VP20-5FF896C

Product Attribute				
Part Number	XC2VP20-5FF896C	XC2VP20-5FFG896C	XC2VP20-5FG676I	XC2VP2-5FF672C
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	2320	2320	2320	352
Number of Logic Elements/Cells	20880	20880	20880	3168
Number of I/O	556	556	404	204
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	896-FCBGA (31x31)	896-FCBGA (31x31)	676-FBGA (27x27)	672-FCBGA (27x27)
Package / Case	896-BBGA, FCBGA	896-BBGA, FCBGA	676-BGA	672-BBGA, FCBGA
Package	Bulk	Tray	Tray	Bulk
Total RAM Bits	1622016	1622016	1622016	221184
Series	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)

XC2VP20-5FF896C Datasheet PDF

Download XC2VP20-5FF896C pdf datasheets and AMD documentation for XC2VP20-5FF896C - AMD.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information

Xilinx REACH211 Cert.pdf

PCN Obsolescence/ EOL

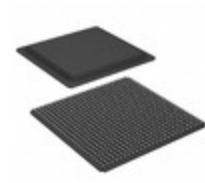
Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



XC2VP20-5FFG896C
AMD
IC FPGA 556 I/O 896FCBGA



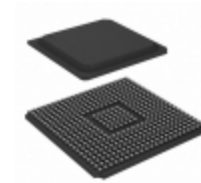
XC2VP20-5FG676I
AMD
IC FPGA 404 I/O 676FCBGA



XC2VP2-5FF672C
AMD
IC FPGA 204 I/O 672FCBGA



XC2VP20-5FF1152C
AMD
IC FPGA 564 I/O 1152FCBGA



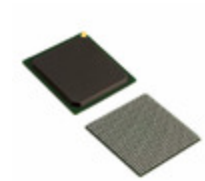
XC2VP2-5FG456C
AMD
IC FPGA 156 I/O 456FBGA



XC2VP20-6FF896C
AMD
IC FPGA 556 I/O 896FCBGA



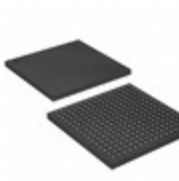
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XC2VP20-5FGG676C



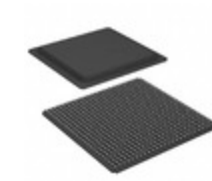
XC2VP20-6FF1152I



XC2VP2-5FGG256C



XC2VP20-5FFG896I



XC2VP20-5FG676C

AMD
IC FPGA 564 I/O 1152FCBGA

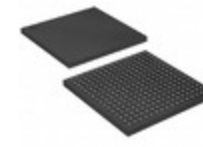
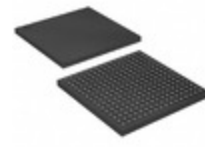
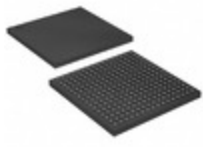
AMD
IC FPGA 404 I/O 676FBGA

AMD
IC FPGA 564 I/O 1152FCBGA

AMD
IC FPGA 140 I/O 256FBGA

AMD
IC FPGA 556 I/O 896FCBGA

AMD
IC FPGA 404 I/O 676FCBGA



XC2VP2-6FGG256C
AMD
IC FPGA 140 I/O 256FBGA

XC2VP2-6FG256I
AMD
IC FPGA 140 I/O 256FBGA

XC2VP20-5FF896I
AMD
IC FPGA 556 I/O 896FCBGA

XC2VP2-5FG256I
AMD
IC FPGA 140 I/O 256FBGA

XC2VP100-6FFG1704I
AMD
IC FPGA 1040 I/O 1704FCBGA

XC2VP20-6FF1152C
AMD
IC FPGA 564 I/O 1152FCBGA

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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- Fast Sourcing & Delivery

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