



XC2VP30-5FF896C

Manufacturer Part Number **XC2VP30-5FF896C**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC2VP30-5FF896C**

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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Specifications



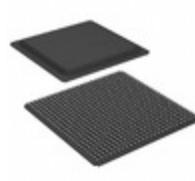
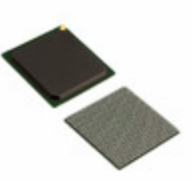
XC2VP30-5FF896C Tech Specifications

XC2VP30-5FF896C - 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	2506752	Number of Logic Elements/Cells	30816
Supplier Device Package	896-FCBGA (31x31)	Number of LABs/CLBs	3424
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 XC2VP30-5FF896C

Product Attribute				
Part Number	XC2VP30-5FF896C	XC2VP30-5FF1152C	XC2VP30-5FG676C	XC2VP20-6FGG676C
Manufacturer	AMD	AMD	AMD	AMD
Package	Bulk	Bulk	Tray	Tray
Number of I/O	556	644	416	404
Package / Case	896-BBGA, FCBGA	1152-BBGA, FCBGA	676-BGA	676-BGA
Supplier Device Package	896-FCBGA (31x31)	1152-FCBGA (35x35)	676-FBGA (27x27)	676-FBGA (27x27)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro
Total RAM Bits	2506752	2506752	2506752	1622016
Number of LABs/CLBs	3424	3424	3424	2320
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	30816	30816	30816	20880
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V


XC2VP30-5FF896C Datasheet PDF

Download XC2VP30-5FF896C pdf datasheets and AMD documentation for XC2VP30-5FF896C - AMD.


Datasheets

 [Cylindrical Battery Holders.pdf](#)

Environmental Information

 [Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

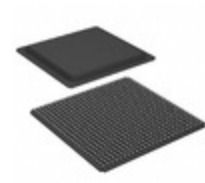
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Customers Also Interested in

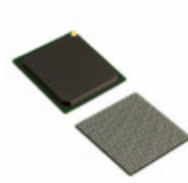
Recommended Products



XC2VP30-5FF1152C
AMD
IC FPGA 644 I/O 1152FCBGA



XC2VP30-5FG676C
AMD
IC FPGA 416 I/O 676FBGA



XC2VP20-6FGG676C
AMD
IC FPGA 404 I/O 676FBGA



XC2VP20-6FFG1152I
AMD
IC FPGA 564 I/O 1152FCBGA



XC2VP20-7FF1152C
Xilinx
IC FPGA 564 I/O 1152FCBGA



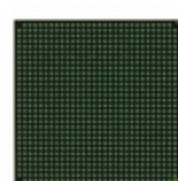
XC2VP20-6FFG896C
AMD
IC FPGA 556 I/O 896FCBGA



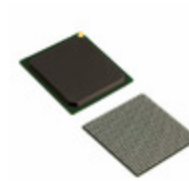
XC2VP30-6FF1152I



XC2VP30-5FFG896C



XC2VP30-5FF896I



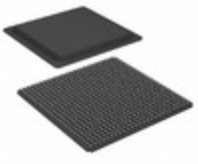

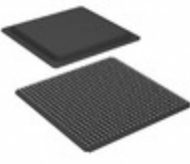



XC2VP30-5FGG676I



XC2VP30-6FF1152C



XC2VP30-5FF1152I

AMD IC FPGA 644 I/O 1152FCBGA	AMD IC FPGA 556 I/O 896FCBGA	AMD IC FPGA 556 I/O 896FCBGA	AMD IC FPGA 416 I/O 676FBGA	AMD IC FPGA 644 I/O 1152FCBGA	AMD IC FPGA 644 I/O 1152FCBGA
					
XC2VP30-5FG676I AMD IC FPGA 416 I/O 676FCBGA	XC2VP30-5FFG1152I AMD IC FPGA 644 I/O 1152FCBGA	XC2VP20-6FG676I AMD IC FPGA 404 I/O 676FCBGA	XC2VP30-5FFG896I Xilinx IC FPGA 556 I/O 896FCBGA	XC2VP30-6FF896C AMD IC FPGA 556 I/O 896FCBGA	XC2VP20-6FF896I AMD IC FPGA 556 I/O 896FCBGA

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

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(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.
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