

Image may be representation.  
See specifications for product details.



## XCKU5P-2FFVD900E

Manufacturer Part Number	<b>XCKU5P-2FFVD900E</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCKU5P-2FFVD900E
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 304 I/O 900FCBGA
Package	900-BBGA, FCBGA
Data sheet	XCKU5P-2FFVD900E.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCKU5P-2FFVD900E - AMD.New Original in Stock. Download Linear Technology XCKU5P-2FFVD900E datasheet/specifications on AllelcoElec.com.  
Request a quote for XCKU5P-2FFVD900E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCKU5P-2FFVD900E Tech Specifications  
XCKU5P-2FFVD900E - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 100°C (TJ)
Voltage - Supply	0.825V ~ 0.876V	Number of Logic Elements/Cells	474600
Total RAM Bits	41984000	Number of LABs/CLBs	27120
Supplier Device Package	900-FCBGA (31x31)	Number of I/O	304
Series	Kintex® UltraScale+™	Mounting Type	Surface Mount
Package / Case	900-BBGA, FCBGA	Base Product Number	XCKU5
Package	Tray		

### Parts with Similar Specifications

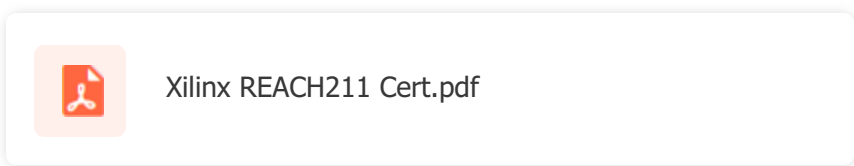
The three parts on the right have similar specifications to AMD XCKU5P-2FFVD900E

Product Attribute				
Part Number	XCKU5P-2FFVD900E	XCKU3P-2FFVB676E	XCKU5P-1FFVB676I	XCKU3P-L2SFVB784E
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	474600	355950	474600	355950
Base Product Number	XCKU5	XCKU3	XCKU5	XCKU3
Number of LABs/CLBs	27120	20340	27120	20340
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Voltage - Supply	0.825V ~ 0.876V	0.825V ~ 0.876V	0.825V ~ 0.876V	0.698V ~ 0.876V
Package	Tray	Tray	Tray	Tray
Package / Case	900-BBGA, FCBGA	676-BBGA, FCBGA	676-BBGA, FCBGA	784-BFBGA, FCBGA
Supplier Device Package	900-FCBGA (31x31)	676-FCBGA (27x27)	676-FCBGA (27x27)	784-FCBGA (23x23)
Series	Kintex® UltraScale+™	Kintex® UltraScale+™	Kintex® UltraScale+™	Kintex® UltraScale+™
Number of I/O	304	280	280	256
Total RAM Bits	41984000	31641600	41984000	31641600

### XCKU5P-2FFVD900E Datasheet PDF

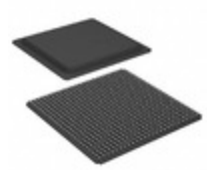
Download XCKU5P-2FFVD900E pdf datasheets and AMD documentation for XCKU5P-2FFVD900E - AMD.

### Environmental Information

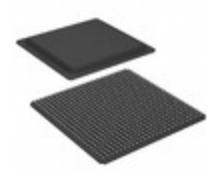


### Customers Also Interested in

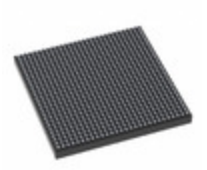
#### Recommended Products



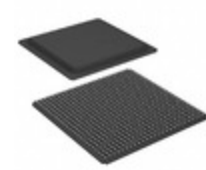
**XCKU3P-2FFVB676E**  
AMD  
IC FPGA 280 I/O 676FCBGA



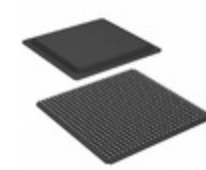
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AMD  
IC FPGA 280 I/O 676FCBGA



**XCKU3P-L2SFVB784E**  
AMD  
IC FPGA 256 I/O 784FCBGA



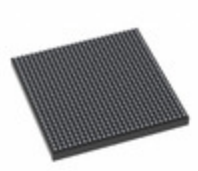
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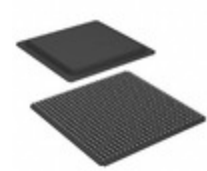
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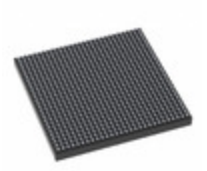
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AMD  
IC FPGA 304 I/O 900FCBGA



**XCKU5P-2SFVB784I**  
AMD  
IC FPGA 304 I/O 784FCBGA



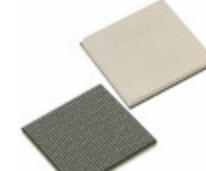
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AMD  
IC FPGA 280 I/O 676FCBGA



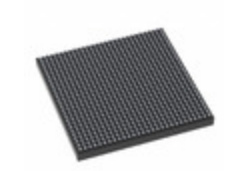
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AMD  
IC FPGA 304 I/O 784FCBGA



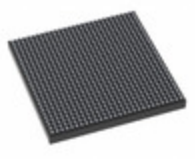
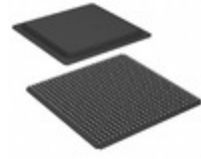
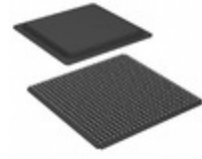
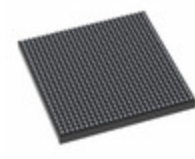
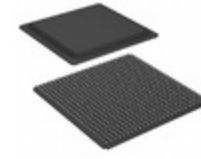
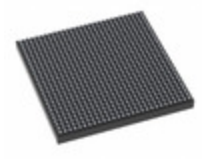
**XCKU9P-1FFVE900E**  
AMD  
IC FPGA 304 I/O 900FCBGA



**XCKU5P-2FFVD900I**  
AMD  
IC FPGA 304 I/O 900FCBGA



**XCKU3P-L1SFVB784I**  
AMD  
IC FPGA 256 I/O 784FCBGA

**XCKU3P-3SFVB784E**AMD  
IC FPGA 304 I/O 784FCBGA**XCKU3P-2FFVB676I**AMD  
IC FPGA 280 I/O 676FCBGA**XCKU5P-2FFVB676E**AMD  
IC FPGA 280 I/O 676FCBGA**XCKU3P-2SFVB784I**AMD  
IC FPGA 304 I/O 784FCBGA**XCKU5P-1FFVB676E**AMD  
IC FPGA 280 I/O 676FCBGA**XCKU5P-1SFVB784E**AMD  
IC FPGA 304 I/O 784FCBGA

## 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.

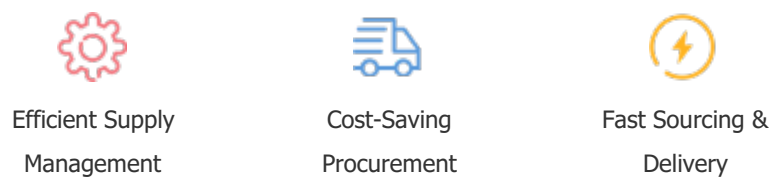
### Payment Support

The payment method can be chosen from the methods shown below:

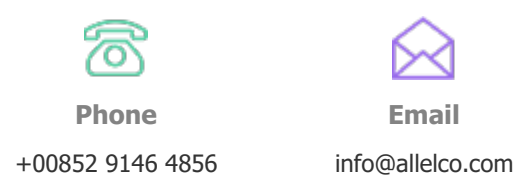
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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