

Image may be representation.
See specifications for product details.



XCKU5P-2FFVB676E

Manufacturer Part Number	XCKU5P-2FFVB676E
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCKU5P-2FFVB676E
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 280 I/O 676FCBGA
Package	676-BBGA, FCBGA
Data sheet	XCKU5P-2FFVB676E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XCKU5P-2FFVB676E - AMD.New Original in Stock. Download Linear Technology XCKU5P-2FFVB676E datasheet/specifications on AllelcoElec.com.
Request a quote for XCKU5P-2FFVB676E, please send us email: info@allelco.com

Specifications

XCKU5P-2FFVB676E Tech Specifications
XCKU5P-2FFVB676E - 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	676-FCBGA (27x27)	Number of I/O	280
Series	Kintex® UltraScale+™	Mounting Type	Surface Mount
Package / Case	676-BBGA, FCBGA	Base Product Number	XCKU5
Package	Tray		

Parts with Similar Specifications

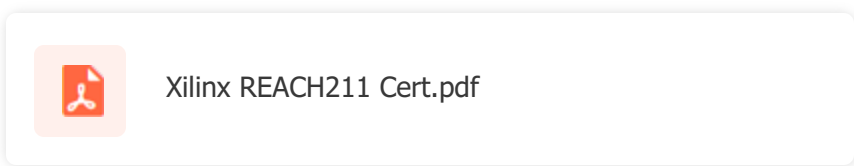
The three parts on the right have similar specifications to AMD XCKU5P-2FFVB676E

Product Attribute				
Part Number	XCKU5P-2FFVB676E	XCKU3P-L2SFVB784E	XCKU5P-1FFVB676E	XCKU5P-1SFVB784I
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XCKU5	XCKU3	XCKU5	XCKU5
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Kintex® UltraScale+™	Kintex® UltraScale+™	Kintex® UltraScale+™	Kintex® UltraScale+™
Number of LABs/CLBs	27120	20340	27120	27120
Supplier Device Package	676-FCBGA (27x27)	784-FCBGA (23x23)	676-FCBGA (27x27)	784-FCBGA (23x23)
Number of Logic Elements/Cells	474600	355950	474600	474600
Number of I/O	280	256	280	304
Package / Case	676-BBGA, FCBGA	784-BFBGA, FCBGA	676-BBGA, FCBGA	784-BFBGA, FCBGA
Package	Tray	Tray	Tray	Tray
Total RAM Bits	41984000	31641600	41984000	41984000
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	0.825V ~ 0.876V	0.698V ~ 0.876V	0.825V ~ 0.876V	0.825V ~ 0.876V

XCKU5P-2FFVB676E Datasheet PDF

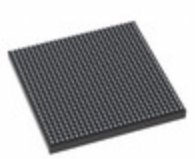
Download XCKU5P-2FFVB676E pdf datasheets and AMD documentation for XCKU5P-2FFVB676E - AMD.

Environmental Information

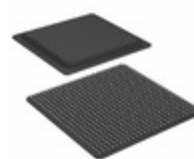


Customers Also Interested in

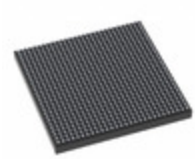
Recommended Products



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



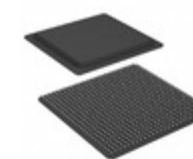
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AMD
IC FPGA 280 I/O 676FCBGA



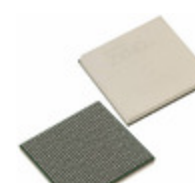
XCKU5P-1SFVB784I
AMD
IC FPGA 304 I/O 784FCBGA



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



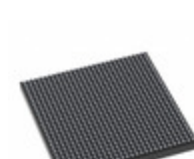
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AMD
IC FPGA 280 I/O 676FCBGA



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



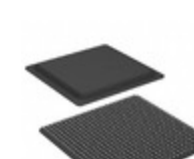
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AMD
IC FPGA 304 I/O 900FCBGA



XCKU3P-3SFVB784E
AMD
IC FPGA 304 I/O 784FCBGA



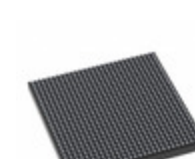
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AMD
IC FPGA 304 I/O 784FCBGA



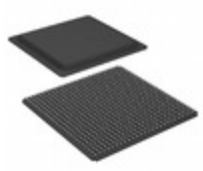
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IC FPGA 280 I/O 676FCBGA



XCKU9P-2FFVE900I
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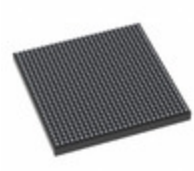


XCKU3P-L1SFVB784I
AMD
IC FPGA 256 I/O 784FCBGA



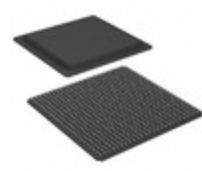
XCKU5P-3FFVB676E

AMD
IC FPGA 280 I/O 676FCBGA



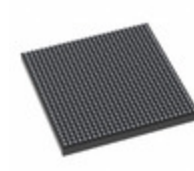
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AMD
IC FPGA 304 I/O 784FCBGA



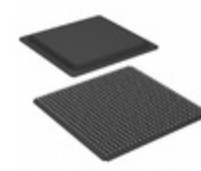
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IC FPGA 280 I/O 676FCBGA



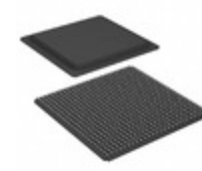
XCKU3P-2SFVB784I

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IC FPGA 304 I/O 784FCBGA



XCKU5P-1FFVB676I

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IC FPGA 280 I/O 676FCBGA



XCKU3P-L1FFVB676I

AMD
IC FPGA 280 I/O 676FCBGA

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 -



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



[View More](#)



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