

Image may be representation.  
See specifications for product details.



## XCKU040-3FFVA1156E

Manufacturer Part Number	<b>XCKU040-3FFVA1156E</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCKU040-3FFVA1156E
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 520 I/O 1156FCBGA
Package	1156-BBGA, FCBGA
Data sheet	XCKU040-3FFVA1156E.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCKU040-3FFVA1156E - AMD.New Original in Stock. Download Linear Technology XCKU040-3FFVA1156E datasheet/specifications on AllelcoElec.com.  
Request a quote for XCKU040-3FFVA1156E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCKU040-3FFVA1156E Tech Specifications  
XCKU040-3FFVA1156E - 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	0.970V ~ 1.030V	Number of Logic Elements/Cells	530250
Total RAM Bits	21606000	Number of LABs/CLBs	30300
Supplier Device Package	1156-FCBGA (35x35)	Number of I/O	520
Series	Kintex® UltraScale™	Mounting Type	Surface Mount
Package / Case	1156-BBGA, FCBGA	Base Product Number	XCKU040
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCKU040-3FFVA1156E

Product Attribute				
Part Number	XCKU040-3FFVA1156E	<b>XCKU040-2FFVA1156E</b>	<b>XCKU060-1FFVA1517C</b>	<b>XCKU060-2FFVA1156I</b>
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	1156-BBGA, FCBGA	1156-BBGA, FCBGA	1517-BBGA, FCBGA	1156-BBGA, FCBGA
Base Product Number	XCKU040	XCKU040	XCKU060	XCKU060
Series	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™
Number of I/O	520	520	624	520
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	0.970V ~ 1.030V	0.922V ~ 0.979V	0.922V ~ 0.979V	0.922V ~ 0.979V
Package	Bulk	Tray	Bulk	Bulk
Number of LABs/CLBs	30300	30300	41460	41460
Supplier Device Package	1156-FCBGA (35x35)	1156-FCBGA (35x35)	1517-FCBGA (40x40)	1156-FCBGA (35x35)
Number of Logic Elements/Cells	530250	530250	725550	725550
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Total RAM Bits	21606000	21606000	38912000	38912000

### XCKU040-3FFVA1156E Datasheet PDF

Download XCKU040-3FFVA1156E pdf datasheets and AMD documentation for XCKU040-3FFVA1156E - AMD.

#### Environmental Information

Xilinx REACH211 Cert.pdf

#### PCN Design/Specification

Ultrascale & Virtex Dev Spec Chg 20/Dec/2016.pdf

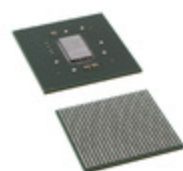
### Customers Also Interested in

#### Recommended Products

<b>XCKU040-2FFVA1156E</b>	<b>XCKU040-2FFVA1156C</b>	<b>XCKU060-1FFVA1517C</b>	<b>XCKU060-2FFVA1156I</b>	<b>XCKU040-1FFVA1156I</b>	<b>XCKU060-2FFVA1517I</b>	
AMD IC FPGA 520 I/O 1156FCBGA	AMD Xilinx	AMD IC FPGA 624 I/O 1517FCBGA	AMD IC FPGA 520 I/O 1156FCBGA	AMD IC FPGA 520 I/O 1156FCBGA	AMD IC FPGA 624 I/O 1517FCBGA	

**XCKU060-1FFVA1156CES**

AMD Xilinx

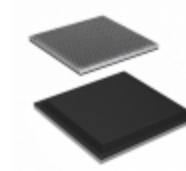


**XCKU040-2FBVA676I**

AMD  
IC FPGA 312 I/O 676FCBGA

**XCKU040-2FBVA676E**

AMD  
IC FPGA 312 I/O 676FCBGA

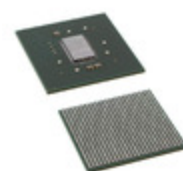


**XCKU060-2FFVA1156E**

AMD  
IC FPGA 520 I/O 1156FCBGA

**XCKU040-1SFVA784C**

AMD  
IC FPGA 468 I/O 784FCBGA

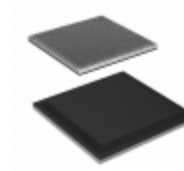


**XCKU040-3FBVA676E**

AMD  
IC FPGA 312 I/O 676FCBGA

**XCKU040-1FFVA1156C**

AMD  
IC FPGA 520 I/O 1156FCBGA

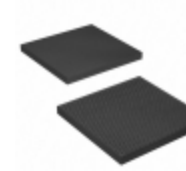


**XCKU060-1FFVA1156C**

AMD  
IC FPGA 520 I/O 1156FCBGA

**XCKU060-1FFVA1156I**

AMD  
IC FPGA 520 I/O 1156FCBGA

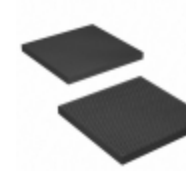


**XCKU060-2FFVA1517E**

AMD  
IC FPGA 624 I/O 1517FCBGA

**XCKU040-2FFVA1156I**

AMD  
IC FPGA 520 I/O 1156FCBGA



**XCKU060-1FFVA1517I**

AMD  
IC FPGA 624 I/O 1517FCBGA

## 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.



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## Certifications & Memberships



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