

Image may be representation.  
See specifications for product details.



## XCKU060-1FFVA1517C

Manufacturer Part Number	<b>XCKU060-1FFVA1517C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCKU060-1FFVA1517C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 624 I/O 1517FCBGA
Package	1517-BBGA, FCBGA
Data sheet	XCKU060-1FFVA1517C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCKU060-1FFVA1517C - AMD.New Original in Stock. Download Linear Technology XCKU060-1FFVA1517C datasheet/specifications on AllelcoElec.com.  
Request a quote for XCKU060-1FFVA1517C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCKU060-1FFVA1517C Tech Specifications  
XCKU060-1FFVA1517C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	0.922V ~ 0.979V	Number of Logic Elements/Cells	725550
Total RAM Bits	38912000	Number of LABs/CLBs	41460
Supplier Device Package	1517-FCBGA (40x40)	Number of I/O	624
Series	Kintex® UltraScale™	Mounting Type	Surface Mount
Package / Case	1517-BBGA, FCBGA	Base Product Number	XCKU060
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCKU060-1FFVA1517C

Product Attribute				
Part Number	XCKU060-1FFVA1517C	<b>XCKU060-1FFVA1517I</b>	<b>XCKU085-2FLVB1760I</b>	<b>XCKU060-1FFVA1156C</b>
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XCKU060	XCKU060	XCKU085	XCKU060
Number of Logic Elements/Cells	725550	725550	1088325	725550
Package / Case	1517-BBGA, FCBGA	1517-BBGA, FCBGA	1760-BBGA, FCBGA	1156-BBGA, FCBGA
Series	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™
Package	Bulk	Tray	Tray	Tray
Number of LABs/CLBs	41460	41460	62190	41460
Total RAM Bits	38912000	38912000	58265600	38912000
Supplier Device Package	1517-FCBGA (40x40)	1517-FCBGA (40x40)	1760-FCBGA (42.5x42.5)	1156-FCBGA (35x35)
Voltage - Supply	0.922V ~ 0.979V	0.922V ~ 0.979V	0.922V ~ 0.979V	0.922V ~ 0.979V
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	624	624	676	520

### XCKU060-1FFVA1517C Datasheet PDF

Download XCKU060-1FFVA1517C pdf datasheets and AMD documentation for XCKU060-1FFVA1517C - AMD.

#### Environmental Information

Xilinx REACH211 Cert.pdf

#### PCN Design/Specification

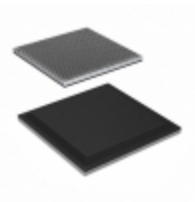
Ultrascale & Virtex Dev Spec Chg 20/Dec/2016.pdf

### Customers Also Interested in

#### Recommended Products

<b>XCKU060-1FFVA1517I</b>	<b>XCKU085-2FLVB1760I</b>	<b>XCKU060-1FFVA1156C</b>	<b>XCKU085-2FLVA1517I</b>	<b>XCKU040-2FFVA1156I</b>	<b>XCKU060-1FFVA1156CES</b>
AMD IC FPGA 624 I/O 1517FCBGA	AMD IC FPGA 676 I/O 1760FCBGA	AMD IC FPGA 520 I/O 1156FCBGA	AMD IC FPGA 624 I/O 1517FCBGA	AMD IC FPGA 520 I/O 1156FCBGA	AMD Xilinx

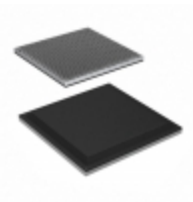
**XCKU040-2FFVA1156E**  
AMD  
IC FPGA 520 I/O 1156FCBGA



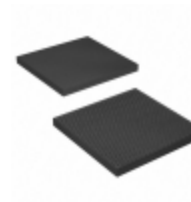
**XCKU040-2FFVA1156C**  
AMD Xilinx



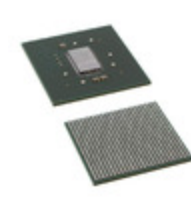
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AMD  
IC FPGA 520 I/O 1156FCBGA



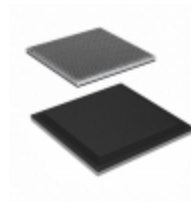
**XCKU060-2FFVA1156I**  
AMD  
IC FPGA 520 I/O 1156FCBGA



**XCKU060-2FFVA1517E**  
AMD  
IC FPGA 624 I/O 1517FCBGA



**XCKU040-2FBVA676I**  
AMD  
IC FPGA 312 I/O 676FCBGA



**XCKU060-2FFVA1156E**  
AMD  
IC FPGA 520 I/O 1156FCBGA

**XCKU085-1FLVA1517I**  
AMD  
IC FPGA 624 I/O 1517FCBGA

**XCKU040-3FFVA1156E**  
AMD  
IC FPGA 520 I/O 1156FCBGA

**XCKU060-2FFVA1517I**  
AMD  
IC FPGA 624 I/O 1517FCBGA

**XCKU040-3FBVA676E**  
AMD  
IC FPGA 312 I/O 676FCBGA

**XCKU060-1FFVA1156I**  
AMD  
IC FPGA 520 I/O 1156FCBGA

## 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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 Email  
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## Certifications & Memberships



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