

Image may be representation.  
See specifications for product details.



## XCKU035-3FBVA676E

Manufacturer Part Number	<b>XCKU035-3FBVA676E</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCKU035-3FBVA676E
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 312 I/O 676FCBGA
Package	676-BBGA, FCBGA
Data sheet	<b>Wireless Bluetooth® Low Energy Modules Overview.pdf</b>
RoHS Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCKU035-3FBVA676E - AMD.New Original in Stock. Download Linear Technology XCKU035-3FBVA676E datasheet/specifications on AllelcoElec.com.  
Request a quote for XCKU035-3FBVA676E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCKU035-3FBVA676E Tech Specifications  
XCKU035-3FBVA676E - 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	444343
Total RAM Bits	19456000	Number of LABs/CLBs	25391
Supplier Device Package	676-FCBGA (27x27)	Number of I/O	312
Series	Kintex® UltraScale™	Mounting Type	Surface Mount
Package / Case	676-BBGA, FCBGA	Base Product Number	XCKU035
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCKU035-3FBVA676E

Product Attribute				
Part Number	XCKU035-3FBVA676E	<b>XCKU035-1FFVA1156C</b>	<b>XCKU035-L1FFVA1156I</b>	<b>XCKU035-1FBVA676I</b>
Manufacturer	AMD	AMD	Xilinx	AMD
Number of LABs/CLBs	25391	25391	25391	25391
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Bulk	Tray	-	Tray
Voltage - Supply	0.970V ~ 1.030V	0.922V ~ 0.979V	0.880 V ~ 0.979 V	0.922V ~ 0.979V
Base Product Number	XCKU035	XCKU035	-	XCKU035
Number of I/O	312	520	520	312
Series	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™
Total RAM Bits	19456000	19456000	19456000	19456000
Supplier Device Package	676-FCBGA (27x27)	1156-FCBGA (35x35)	1156-FCBGA (35x35)	676-FCBGA (27x27)
Number of Logic Elements/Cells	444343	444343	444343	444343
Package / Case	676-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA	676-BBGA, FCBGA

### XCKU035-3FBVA676E Datasheet PDF

Download XCKU035-3FBVA676E pdf datasheets and AMD documentation for XCKU035-3FBVA676E - AMD.

#### Datasheets

[Wireless Bluetooth® Low Energy Modules Overview.pdf](#)

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

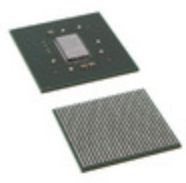
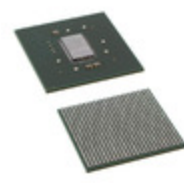
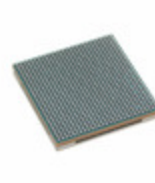
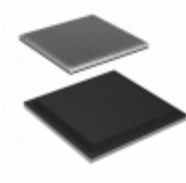
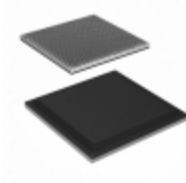
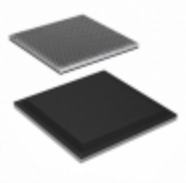
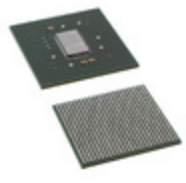
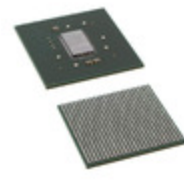
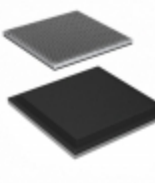
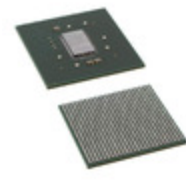
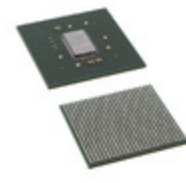
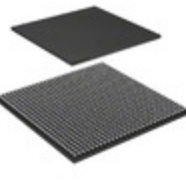
#### PCN Design/Specification

[Ultrascale & Virtex Dev Spec Chg 20/Dec/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>XCKU035-1FFVA1156C</b>	<b>XCKU035-L1FFVA1156I</b>	<b>XCKU035-1FBVA676I</b>	<b>XCKU035-1FFVA1156I</b>	<b>XCKU035-2FBVA676E</b>	<b>XCKU035-2FFVA1156I</b>
AMD	Xilinx	AMD	AMD	AMD	AMD
IC FPGA 520 I/O 1156FCBGA	IC FPGA 520 I/O 1156FCBGA	IC FPGA 312 I/O 676FCBGA	IC FPGA 520 I/O 1156FCBGA	IC FPGA 312 I/O 676FCBGA	IC FPGA 520 I/O 1156FCBGA

**XCKU040-2FBVA676E**AMD  
IC FPGA 312 I/O 676FCBGA**XCKU040-1FBVA676C**AMD  
IC FPGA 312 I/O 676FCBGA**XCKU040-1SFVA784C**AMD  
IC FPGA 468 I/O 784FCBGA**XCKU035-2FFVA1156E**AMD  
IC FPGA 520 I/O 1156FCBGA**XCKU035-3FFVA1156E**AMD  
IC FPGA 520 I/O 1156FCBGA**XCKU040-1FFVA1156C**AMD  
IC FPGA 520 I/O 1156FCBGA**XCKU035-2FBVA676I**AMD  
IC FPGA 312 I/O 676FCBGA**XCKU035-1FBVA676C**AMD  
IC FPGA 312 I/O 676FCBGA**XCKU040-1FFVA1156I**AMD  
IC FPGA 520 I/O 1156FCBGA**XCKU040-1FBVA676I**AMD  
IC FPGA 312 I/O 676FCBGA**XCKU040-2FBVA676I**AMD  
IC FPGA 312 I/O 676FCBGA**XCKU035-2FBVA900E**AMD  
IC FPGA 468 I/O 900FCBGA

## 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

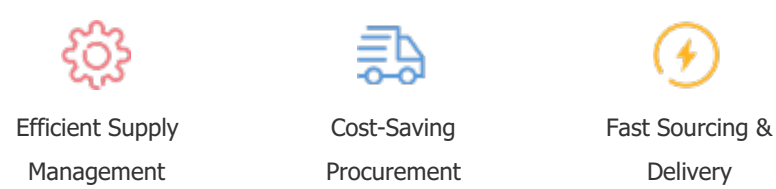
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

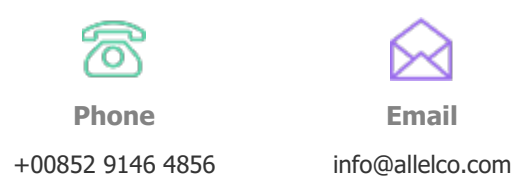
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)