

Image may be representation.
See specifications for product details.



XCKU040-1SFVA784C

Manufacturer Part Number	XCKU040-1SFVA784C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCKU040-1SFVA784C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 468 I/O 784FCBGA
Package	784-BFBGA, FCCSP
Data sheet	Wireless Bluetooth® Low Energy Modules Overview.pdf Kintex® UltraScale™ FPGA Datasheet.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

XCKU040-1SFVA784C - AMD.New Original in Stock. Download Linear Technology XCKU040-1SFVA784C datasheet/specifications on AllelcoElec.com.
Request a quote for XCKU040-1SFVA784C, please send us email: info@allelco.com

Specifications

XCKU040-1SFVA784C Tech Specifications
XCKU040-1SFVA784C - 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	530250
Total RAM Bits	21606000	Number of LABs/CLBs	30300
Supplier Device Package	784-FCCSPBGA (23x23)	Number of I/O	468
Series	Kintex® UltraScale™	Mounting Type	Surface Mount
Package / Case	784-BFBGA, FCCSP	Base Product Number	XCKU040
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCKU040-1SFVA784C

Product Attribute				
Part Number	XCKU040-1SFVA784C	XCKU040-2FBVA676I	XCKU040-3FFVA1156E	XCKU035-2FFVA1156E
Manufacturer	AMD	AMD	AMD	AMD
Number of Logic Elements/Cells	530250	530250	530250	444343
Package	Tray	Tray	Bulk	Bulk
Series	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™	Kintex® UltraScale™
Base Product Number	XCKU040	XCKU040	XCKU040	XCKU035
Supplier Device Package	784-FCCSPBGA (23x23)	676-FCBGA (27x27)	1156-FCBGA (35x35)	1156-FCBGA (35x35)
Total RAM Bits	21606000	21606000	21606000	19456000
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Number of LABs/CLBs	30300	30300	30300	25391
Number of I/O	468	312	520	520
Package / Case	784-BFBGA, FCCSP	676-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA
Voltage - Supply	0.922V ~ 0.979V	0.922V ~ 0.979V	0.970V ~ 1.030V	0.922V ~ 0.979V

XCKU040-1SFVA784C Datasheet PDF

Download XCKU040-1SFVA784C pdf datasheets and AMD documentation for XCKU040-1SFVA784C - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

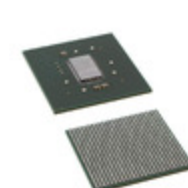
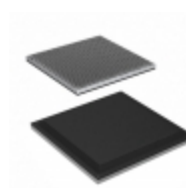
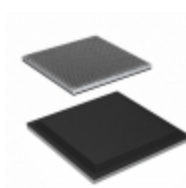
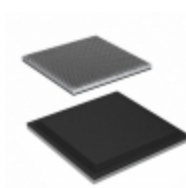
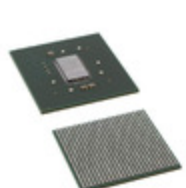
[Ultrascale & Virtex Dev Spec Chg 20/Dec/2016.pdf](#)

HTML Datasheet

[Kintex® UltraScale™ FPGA Datasheet.pdf](#)

Customers Also Interested in

Recommended Products



XCKU040-2FBVA676I AMD IC FPGA 312 I/O 676FCBGA	XCKU040-3FFVA1156E AMD IC FPGA 520 I/O 1156FCBGA	XCKU035-2FFVA1156E AMD IC FPGA 520 I/O 1156FCBGA	XCKU040-2FFVA1156I AMD IC FPGA 520 I/O 1156FCBGA	XCKU060-1FFVA1156CES AMD Xilinx	XCKU040-2FBVA676E AMD IC FPGA 312 I/O 676FCBGA
					
XCKU035-3FFVA1156E AMD IC FPGA 520 I/O 1156FCBGA	XCKU040-3FBVA676E AMD IC FPGA 312 I/O 676FCBGA	XCKU040-1FFVA1156I AMD IC FPGA 520 I/O 1156FCBGA	XCKU060-1FFVA1156C AMD IC FPGA 520 I/O 1156FCBGA	XCKU040-1FBVA676C AMD IC FPGA 312 I/O 676FCBGA	XCKU040-1FBVA676I AMD IC FPGA 312 I/O 676FCBGA
					
XCKU035-2FFVA1156I AMD IC FPGA 520 I/O 1156FCBGA	XCKU040-1FFVA1156C AMD IC FPGA 520 I/O 1156FCBGA	XCKU040-2FFVA1156C AMD Xilinx	XCKU040-2FFVA1156E AMD IC FPGA 520 I/O 1156FCBGA	XCKU035-L1FFVA1156I Xilinx IC FPGA 520 I/O 1156FCBGA	XCKU035-3FBVA676E AMD IC FPGA 312 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](#)