

Image may be representation.  
See specifications for product details.



## XAZU3EG-1SFVC784Q

Manufacturer Part Number	<b>XAZU3EG-1SFVC784Q</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XAZU3EG-1SFVC784Q
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 784FCBGA
Package	784-BFBGA, FCBGA
Data sheet	<b>XA Zynq UltraScale+ MPSoC Overview.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XAZU3EG-1SFVC784Q - AMD.New Original in Stock. Download Linear Technology XAZU3EG-1SFVC784Q datasheet/specifications on AllelcoElec.com.  
Request a quote for XAZU3EG-1SFVC784Q, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XAZU3EG-1SFVC784Q Tech Specifications  
XAZU3EG-1SFVC784Q - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	784-FCBGA (23x23)	Operating Temperature	-40°C ~ 125°C (TJ)
Speed	500MHz, 1.2GHz	Number of I/O	128
Series	Zynq® UltraScale+™ MPSoC EG	Flash Size	-
RAM Size	1.8MB	Core Processor	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
Primary Attributes	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	Connectivity	CANbus, I²C, SPI, UART/USART, USB
Peripherals	DMA, WDT	Base Product Number	XAZU3
Package / Case	784-BFBGA, FCBGA	Architecture	MPU, FPGA

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XAZU3EG-1SFVC784Q

Product Attribute	XAZU3EG-1SFVC784Q	BCM3383DUIFEBG	5CSEBA5U23C8N	A2F200M3F-1FGG484
Part Number	XAZU3EG-1SFVC784Q	BCM3383DUIFEBG	5CSEBA5U23C8N	A2F200M3F-1FGG484
Manufacturer	AMD	Broadcom Limited	Intel	Microchip Technology
Base Product Number	XAZU3	-	5CSEBA5	A2F200
Package / Case	784-BFBGA, FCBGA	-	672-FBGA	484-BGA
Speed	500MHz, 1.2GHz	-	600MHz	100MHz
Operating Temperature	-40°C ~ 125°C (TJ)	-	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Series	Zynq® UltraScale+™ MPSoC EG	-	Cyclone® V SE	SmartFusion®
Architecture	MPU, FPGA	-	MCU, FPGA	MCU, FPGA
Connectivity	CANbus, I²C, SPI, UART/USART, USB	-	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	EBI/EMI, Ethernet, I²C, SPI, UART/USART
Peripherals	DMA, WDT	-	DMA, POR, WDT	DMA, POR, WDT
RAM Size	1.8MB	-	64KB	64KB
Core Processor	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2	-	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	ARM® Cortex®-M3
Package	Tray	Tray	Tray	Tray
Supplier Device Package	784-FCBGA (23x23)	-	672-UBGA (23x23)	484-FPBGA (23x23)
Flash Size	-	-	-	256KB
Primary Attributes	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	-	FPGA - 85K Logic Elements	ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops
Number of I/O	128	-	MCU - 181, FPGA - 145	MCU - 41, FPGA - 94

### XAZU3EG-1SFVC784Q Datasheet PDF

Download XAZU3EG-1SFVC784Q pdf datasheets and AMD documentation for XAZU3EG-1SFVC784Q - AMD.

#### Environmental Information

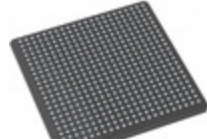
Xilinx REACH211 Cert.pdf

#### HTML Datasheet

XA Zynq UltraScale+ MPSoC Overview.pdf

### Customers Also Interested in

#### Recommended Products



**BCM3383DUIFEBG**

**5CSEBA5U23C8N**

**A2F200M3F-1FGG484**

**XAZU3EG-1SFVC784I**

**XCZU4EV-1SFVC784E**

**5CSXFC6C6U23C8NES**

Broadcom Limited  
MODULE DATA MODEM

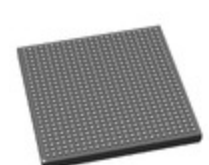
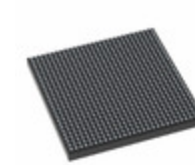
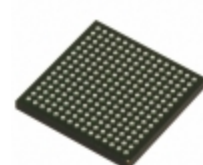
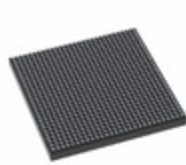
Intel  
IC SOC CORTEX-A9 600MHZ  
672UBGA

Microchip Technology  
IC SOC CORTEX-M3 100MHZ  
484FBGA

AMD  
IC SOC CORTEX-A53 784FCBGA

AMD  
IC SOC CORTEX-A53 784FCBGA

Intel  
IC SOC CORTEX-A9 600MHZ  
672UBGA



**5CSXFC4C6U23I7N**

Intel  
IC SOC CORTEX-A9 800MHZ  
672UBGA

**BCM33838MKFEBG**

Broadcom Limited  
MODEM DOCSIS 3.0 8X4

**XAZU4EV-1SFVC784I**

AMD  
IC FPGA SOC ZU EV Q100 7845BGA

**XC7Z010-1CLG225I**

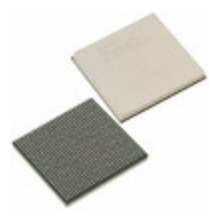
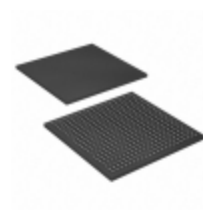
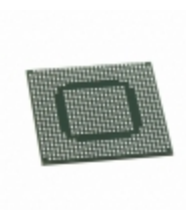
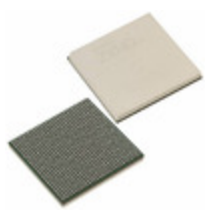
AMD  
IC SOC CORTEX-A9 667MHZ 225BGA

**XCZU2EG-2SFVC784I**

AMD  
IC SOC CORTEX-A53 784FCBGA

**XAZU3EG-1SFVA625I**

AMD  
IC SOC CORTEX-A53 625FCBGA



**UPD720231AK8-612-BAE-A**

Renesas Electronics America Inc  
SOC, USB 3.0/2.0 CONTROLLER

**XC7Z035-1FFG900C**

AMD  
IC SOC CORTEX-A9 667MHZ  
900FCBGA

**5CSEBA2U23C7N**

Intel  
IC SOC CORTEX-A9 800MHZ  
672UBGA

**5CSEBA2U19C8N**

Intel  
IC SOC CORTEX-A9 600MHZ  
484UBGA

**5CSEMA6F31C8N**

Intel  
IC SOC CORTEX-A9 600MHZ  
896FBGA

**XC7Z035-2FFG900I**

AMD  
IC SOC CORTEX-A9 800MHZ  
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 -



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



View More



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