

Image may be representation.
See specifications for product details.



XCZU4EV-1SFVC784E

Manufacturer Part Number	XCZU4EV-1SFVC784E
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCZU4EV-1SFVC784E
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 784FCBGA
Package	784-BFBGA, FCBGA
Data sheet	Zynq UltraScale+ MPSoC Overview.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XCZU4EV-1SFVC784E - AMD.New Original in Stock. Download Linear Technology XCZU4EV-1SFVC784E datasheet/specifications on AllelcoElec.com.
Request a quote for XCZU4EV-1SFVC784E, please send us email: info@allelco.com

Specifications

XCZU4EV-1SFVC784E Tech Specifications
XCZU4EV-1SFVC784E - 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	0°C ~ 100°C (TJ)
Speed	500MHz, 600MHz, 1.2GHz	Number of I/O	252
Series	Zynq® UltraScale+™ MPSoC EV	Flash Size	-
RAM Size	256KB	Core Processor	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
Primary Attributes	Zynq®UltraScale+™ FPGA, 192K+ Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, WDT	Base Product Number	XCZU4
Package / Case	784-BFBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCZU4EV-1SFVC784E

Product Attribute				
Part Number	XCZU4EV-1SFVC784E	XCZU4EG-3SFVC784E	XCZU4EG-1FBV8900I	XCZU4EG-2SFVC784I
Manufacturer	AMD	AMD	AMD	AMD
Core Processor	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
Base Product Number	XCZU4	XCZU4	XCZU4	XCZU4
RAM Size	256KB	256KB	256KB	256KB
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
Series	Zynq® UltraScale+™ MPSoC EV	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG
Primary Attributes	Zynq®UltraScale+™ FPGA, 192K+ Logic Cells	Zynq®UltraScale+™ FPGA, 192K+ Logic Cells	Zynq®UltraScale+™ FPGA, 192K+ Logic Cells	Zynq®UltraScale+™ FPGA, 192K+ Logic Cells
Speed	500MHz, 600MHz, 1.2GHz	600MHz, 1.5GHz	500MHz, 600MHz, 1.2GHz	533MHz, 600MHz, 1.3GHz
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Package	Tray	Tray	Tray	Tray
Flash Size	-	-	-	-
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Number of I/O	252	252	204	252
Package / Case	784-BFBGA, FCBGA	784-BFBGA, FCBGA	900-BBGA, FCBGA	784-BFBGA, FCBGA
Supplier Device Package	784-FCBGA (23x23)	784-FCBGA (23x23)	900-FCBGA (31x31)	784-FCBGA (23x23)

XCZU4EV-1SFVC784E Datasheet PDF

Download XCZU4EV-1SFVC784E pdf datasheets and AMD documentation for XCZU4EV-1SFVC784E - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

[Zynq UltraScale+ MPSoC Overview.pdf](#)

Customers Also Interested in

Recommended Products



XCZU4EG-3SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA

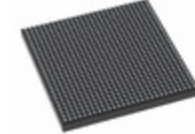
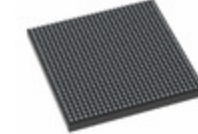
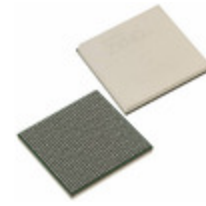
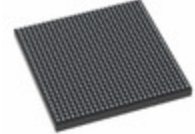
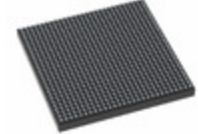
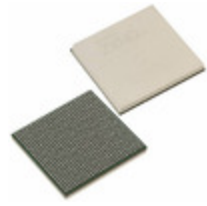
XCZU4EG-1FBVB900I
AMD
IC SOC CORTEX-A53 900FCBGA

XCZU4EG-2SFVC784I
AMD
IC SOC CORTEX-A53 784FCBGA

XCZU4EV-2FBVB900I
AMD
IC SOC CORTEX-A53 900FCBGA

XCZU4EV-1SFVC784I
AMD
IC SOC CORTEX-A53 784FCBGA

XCZU4EG-L2SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA



XCZU4EG-2FBVB900I

AMD
IC SOC CORTEX-A53 900FCBGA

XCZU4EG-L1SFVC784I

AMD
IC SOC CORTEX-A53 784FCBGA

XCZU5EV-1SFVC784E

AMD
IC SOC CORTEX-A53 784FCBGA

XCZU4EV-2FBVB900E

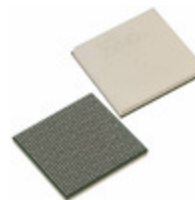
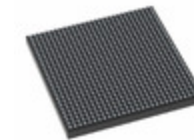
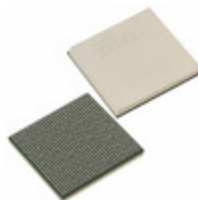
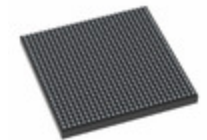
AMD
IC SOC CORTEX-A53 900FCBGA

XCZU4EV-2SFVC784E

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AMD
IC SOC CORTEX-A53 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.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



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Contact us

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