

Image may be representation.
See specifications for product details.



XCZU3EG-2SFVC784I

Manufacturer Part Number	XCZU3EG-2SFVC784I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCZU3EG-2SFVC784I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 784FCBGA
Package	784-BFBGA, FCBGA
Data sheet	XCZU3EG-2SFVC784I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XCZU3EG-2SFVC784I - AMD.New Original in Stock. Download Linear Technology XCZU3EG-2SFVC784I datasheet/specifications on AllelcoElec.com.
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Specifications

XCZU3EG-2SFVC784I Tech Specifications
XCZU3EG-2SFVC784I - 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 ~ 100°C (TJ)
Speed	533MHz, 600MHz, 1.3GHz	Number of I/O	252
Series	Zynq® UltraScale+™ MPSoC EG	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, 154K+ Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, WDT	Base Product Number	XCZU3
Package / Case	784-BFBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

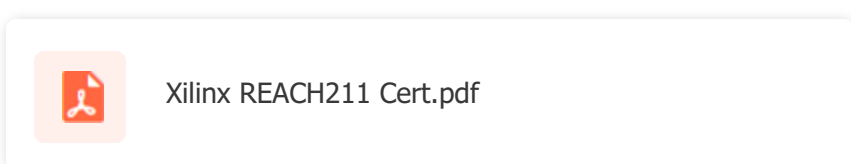
The three parts on the right have similar specifications to AMD XCZU3EG-2SFVC784I

Product Attribute				
Part Number	XCZU3EG-2SFVC784I	XCZU3EG-1SFVC784E	XCZU4CG-1FBVB900E	XCZU3CG-1SFVA625E
Manufacturer	AMD	AMD	AMD	AMD
Speed	533MHz, 600MHz, 1.3GHz	500MHz, 600MHz, 1.2GHz	500MHz, 1.2GHz	500MHz, 1.2GHz
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
Package	Tray	Tray	Tray	Bulk
Package / Case	784-BFBGA, FCBGA	784-BFBGA, FCBGA	900-BBGA, FCBGA	625-BFBGA, FCBGA
Primary Attributes	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	Zynq®UltraScale+™ FPGA, 192K+ Logic Cells	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells
Base Product Number	XCZU3	XCZU3	XCZU4	XCZU3
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Number of I/O	252	252	204	180
Supplier Device Package	784-FCBGA (23x23)	784-FCBGA (23x23)	900-FCBGA (31x31)	625-FCBGA (21x21)
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Series	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC CG	Zynq® UltraScale+™ MPSoC CG
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™, ARM Mali™-400 MP2	Dual ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™	Dual ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™
RAM Size	256KB	256KB	256KB	256KB
Flash Size	-	-	-	-

XCZU3EG-2SFVC784I Datasheet PDF

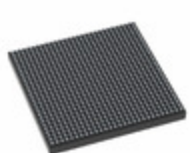
Download XCZU3EG-2SFVC784I pdf datasheets and AMD documentation for XCZU3EG-2SFVC784I - AMD.

Environmental Information

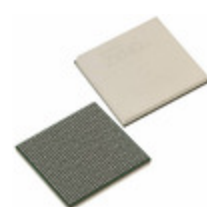


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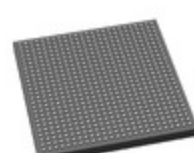
Recommended Products



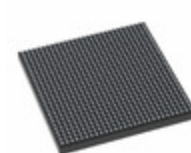
XCZU3EG-1SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA



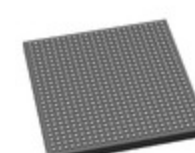
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AMD
IC SOC CORTEX-A53 900FCBGA



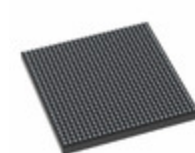
XCZU3CG-1SFVA625E
AMD
IC SOC CORTEX-A53 625FCBGA



XCZU4CG-2SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA



XCZU3EG-2SFVA625E
AMD
IC SOC CORTEX-A53 625FCBGA



XCZU4CG-1SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA


XCZU3CG-1SFVC784EAMD
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XCZU3EG-2SFVC784EAMD
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XCZU4CG-2SFVC784IAMD
IC SOC CORTEX-A53 784FCBGA
XCZU3EG-1SFVA625IAMD
IC SOC CORTEX-A53 625FCBGA
XCZU2EG-L2SFVC784EAMD
IC SOC CORTEX-A53 784FCBGA
XCZU47DR-2FFVG1517IAMD
IC ZUP RFSOC A53 FPGA 1517BGA

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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