

Image may be representation.
See specifications for product details.



XCZU3CG-1SFVA625E

Manufacturer Part Number	XCZU3CG-1SFVA625E
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCZU3CG-1SFVA625E
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 625FCBGA
Package	625-BFBGA, FCBGA
Data sheet	XCZU3CG-1SFVA625E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XCZU3CG-1SFVA625E - AMD.New Original in Stock. Download Linear Technology XCZU3CG-1SFVA625E datasheet/specifications on AllelcoElec.com.
Request a quote for XCZU3CG-1SFVA625E, please send us email: info@allelco.com

Specifications

XCZU3CG-1SFVA625E Tech Specifications
XCZU3CG-1SFVA625E - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Bulk
Supplier Device Package	625-FCBGA (21x21)	Operating Temperature	0°C ~ 100°C (TJ)
Speed	500MHz, 1.2GHz	Number of I/O	180
Series	Zynq® UltraScale+™ MPSoC CG	Flash Size	-
RAM Size	256KB	Core Processor	Dual ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™
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	625-BFBGA, FCBGA	Architecture	MCU, FPGA

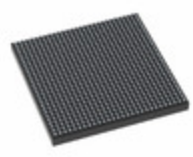
Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCZU3CG-1SFVA625E

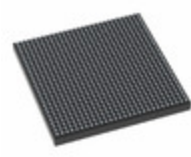
Product Attribute				
Part Number	XCZU3CG-1SFVA625E	XCZU3EG-1SFVC784E	XCZU2EG-3SFVC784E	XCZU3EG-2SFVA625E
Manufacturer	AMD	AMD	AMD	AMD
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
Core Processor	Dual ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™	Quad ARM® Cortex®-A53 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	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
Flash Size	-	-	-	-
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Supplier Device Package	625-FCBGA (21x21)	784-FCBGA (23x23)	784-FCBGA (23x23)	625-FCBGA (21x21)
Primary Attributes	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	Zynq®UltraScale+™ FPGA, 103K+ Logic Cells	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells
Package	Bulk	Tray	Tray	Tray
Package / Case	625-BFBGA, FCBGA	784-BFBGA, FCBGA	784-BFBGA, FCBGA	625-BFBGA, FCBGA
RAM Size	256KB	256KB	256KB	256KB
Number of I/O	180	252	252	180
Base Product Number	XCZU3	XCZU3	-	XCZU3
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
Series	Zynq® UltraScale+™ MPSoC CG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG
Speed	500MHz, 1.2GHz	500MHz, 600MHz, 1.2GHz	600MHz, 667MHz, 1.5GHz	533MHz, 600MHz, 1.3GHz

Customers Also Interested in

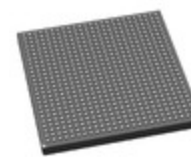
Recommended Products



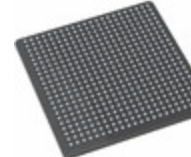
XCZU3EG-1SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA



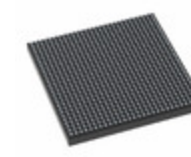
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IC SOC CORTEX-A53 784FCBGA



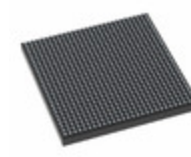
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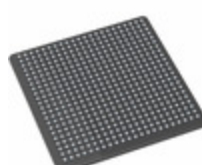
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AMD
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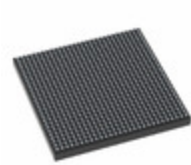
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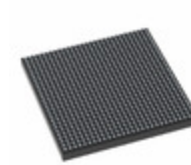
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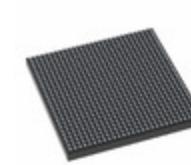
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AMD
IC SOC CORTEX-A53 484FCBGA



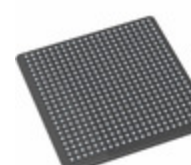
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AMD
IC SOC CORTEX-A53 784FCBGA



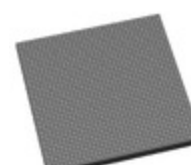
XCZU3CG-2SFVC784E
AMD
IC SOC CORTEX-A53 784FCBGA



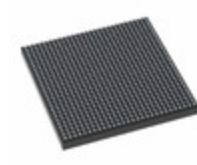
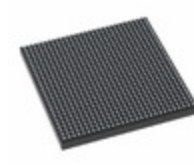
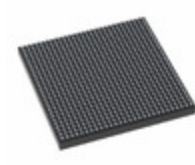
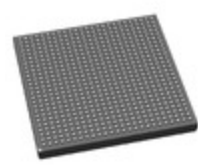
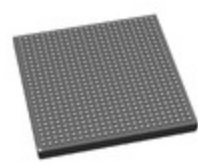
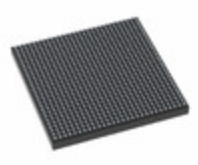
XCZU2CG-L1SFVC784I
AMD
IC SOC CORTEX-A53 784FCBGA



XCZU2EG-1SBVA484E
AMD
IC SOC CORTEX-A53 484FCBGA



XCZU47DR-2FFVG1517I
AMD
IC ZUP RFSoc A53 FPGA 1517BGA

**XCZU2EG-L1SFVC784I**AMD
IC SOC CORTEX-A53 784FCBGA**XCZU3EG-2SFVA625I**AMD
IC SOC CORTEX-A53 625FCBGA**XCZU3EG-1SFVA625I**AMD
IC SOC CORTEX-A53 625FCBGA**XCZU3CG-1SFVC784E**AMD
IC SOC CORTEX-A53 784FCBGA**XCZU3EG-2SFVC784E**AMD
IC SOC CORTEX-A53 784FCBGA**XCZU2EG-2SFVC784I**AMD
IC SOC CORTEX-A53 784FCBGA**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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