

Image may be representation.
See specifications for product details.



XCZU9CG-1FFVC900I

Manufacturer Part Number	XCZU9CG-1FFVC900I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCZU9CG-1FFVC900I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 900FCBGA
Package	900-BBGA, FCBGA
Data sheet	Zynq UltraScale+ MPSoC Overview.pdf

Get a Quote

XCZU9CG-1FFVC900I - AMD, New Original in Stock. Download Linear Technology XCZU9CG-1FFVC900I datasheet/specifications on AllelcoElec.com.
Request a quote for XCZU9CG-1FFVC900I, please send us email: info@allelco.com

Specifications

XCZU9CG-1FFVC900I Tech Specifications
XCZU9CG-1FFVC900I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	900-FCBGA (31x31)	Operating Temperature	-40°C ~ 100°C (TJ)
Speed	500MHz, 1.2GHz	Number of I/O	204
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, 599K+ Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, WDT	Base Product Number	XCZU9
Package / Case	900-BBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCZU9CG-1FFVC900I

Product Attribute				
Part Number	XCZU9CG-1FFVC900I	XCZU7EV-3FFVF1517E	XCZU7EV-2FFVC1156I	XCZU6CG-2FFVC900E
Manufacturer	AMD	AMD	AMD	AMD
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
Flash Size	-	-	-	-
Package / Case	900-BBGA, FCBGA	1517-BBGA, FCBGA	1156-BBGA, FCBGA	900-BBGA, FCBGA
Primary Attributes	Zynq®UltraScale+™ FPGA, 599K+ Logic Cells	Zynq®UltraScale+™ FPGA, 504K+ Logic Cells	Zynq®UltraScale+™ FPGA, 504K+ Logic Cells	Zynq®UltraScale+™ FPGA, 469K+ Logic Cells
RAM Size	256KB	256KB	256KB	256KB
Number of I/O	204	464	360	204
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
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™	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™
Package	Tray	Tray	Tray	Tray
Series	Zynq® UltraScale+™ MPSoC CG	Zynq® UltraScale+™ MPSoC EV	Zynq® UltraScale+™ MPSoC EV	Zynq® UltraScale+™ MPSoC CG
Supplier Device Package	900-FCBGA (31x31)	1517-FCBGA (40x40)	1156-FCBGA (35x35)	900-FCBGA (31x31)
Speed	500MHz, 1.2GHz	600MHz, 1.5GHz	533MHz, 600MHz, 1.3GHz	533MHz, 1.3GHz
Base Product Number	XCZU9	XCZU7	XCZU7	XCZU6
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA

XCZU9CG-1FFVC900I Datasheet PDF

Download XCZU9CG-1FFVC900I pdf datasheets and AMD documentation for XCZU9CG-1FFVC900I - AMD.

Environmental Information

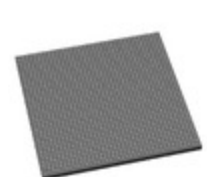
[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

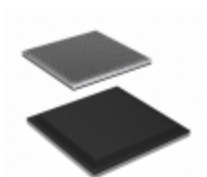
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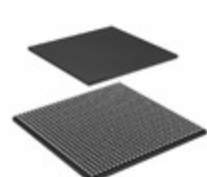
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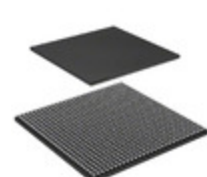
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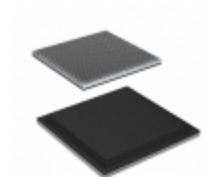
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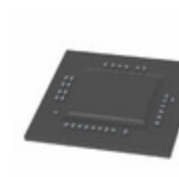
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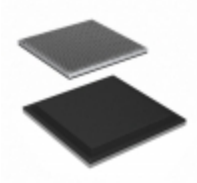
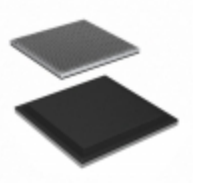
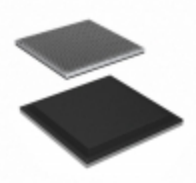
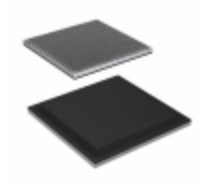

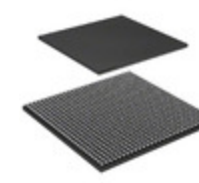
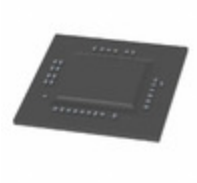

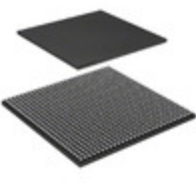
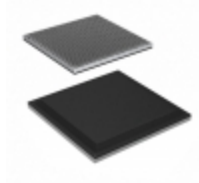
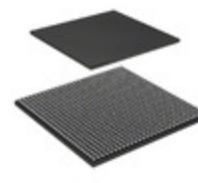
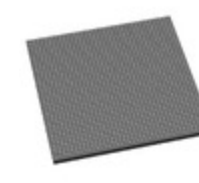
XCZU6CG-1FFVC900E



XCZU9EG-2FFVB1156I



XCZU7EV-2FBVB900E

AMD IC SOC CORTEX-A53 1517FCBGA	AMD IC SOC CORTEX-A53 1156FCBGA	AMD IC SOC CORTEX-A53 900FCBGA	AMD IC SOC CORTEX-A53 900FCBGA	AMD IC SOC CORTEX-A53 1156FCBGA	AMD IC SOC CORTEX-A53 900FCBGA
					
XCZU9EG-L1FFVB1156I AMD IC SOC CORTEX-A53 1156FCBGA	XCZU9CG-2FFVB1156I AMD IC SOC CORTEX-A53 1156FCBGA	XCZU9EG-2FFVB1156E AMD IC SOC CORTEX-A53 1156FCBGA	XCZU6EG-2FFVB1156E AMD IC SOC CORTEX-A53 1156FCBGA	XCZU7EV-2FBVB900I AMD IC SOC CORTEX-A53 900FCBGA	XCZU6CG-L1FFVC900I AMD IC SOC CORTEX-A53 900FCBGA
					
XCZU7EV-1FBVB900E AMD IC SOC CORTEX-A53 900FCBGA	XCZU7EV-1FBVB900I AMD IC SOC CORTEX-A53 900FCBGA	XCZU6CG-1FFVC900I AMD IC SOC CORTEX-A53 900FCBGA	XCZU9EG-1FFVB1156I AMD IC SOC CORTEX-A53 1156FCBGA	XCZU6CG-2FFVC900I AMD IC SOC CORTEX-A53 900FCBGA	XCZU7EV-2FFVF1517I AMD IC SOC CORTEX-A53 1517FCBGA

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 -

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 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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