

Image may be representation.  
See specifications for product details.



## XCZU9CG-2FFVB1156I

Manufacturer Part Number	<b>XCZU9CG-2FFVB1156I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCZU9CG-2FFVB1156I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 1156FCBGA
Package	1156-BBGA, FCBGA
Data sheet	<b>Zynq UltraScale+ MPSoC Overview.pdf</b>

**Get a Quote**

XCZU9CG-2FFVB1156I - AMD.New Original in Stock. Download Linear Technology XCZU9CG-2FFVB1156I datasheet/specifications on AllelcoElec.com.  
Request a quote for XCZU9CG-2FFVB1156I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCZU9CG-2FFVB1156I Tech Specifications  
XCZU9CG-2FFVB1156I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	1156-FCBGA (35x35)	Operating Temperature	-40°C ~ 100°C (TJ)
Speed	533MHz, 1.3GHz	Number of I/O	328
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	1156-BBGA, FCBGA	Architecture	MCU, FPGA

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCZU9CG-2FFVB1156I

Product Attribute				
Part Number	XCZU9CG-2FFVB1156I	XCZU9CG-1FFVC900I	XCZU9EG-L1FFVB1156I	XCZU7EV-1FBVB900E
Manufacturer	AMD	AMD	AMD	AMD
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Supplier Device Package	1156-FCBGA (35x35)	900-FCBGA (31x31)	1156-FCBGA (35x35)	900-FCBGA (31x31)
Base Product Number	XCZU9	XCZU9	XCZU9	XCZU7
Core Processor	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™	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
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
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 / Case	1156-BBGA, FCBGA	900-BBGA, FCBGA	1156-BBGA, FCBGA	900-BBGA, FCBGA
Primary Attributes	Zynq®UltraScale+™ FPGA, 599K+ Logic Cells	Zynq®UltraScale+™ FPGA, 599K+ Logic Cells	Zynq®UltraScale+™ FPGA, 599K+ Logic Cells	Zynq®UltraScale+™ FPGA, 504K+ Logic Cells
Series	Zynq® UltraScale+™ MPSoC CG	Zynq® UltraScale+™ MPSoC CG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EV
Number of I/O	328	204	328	204
Speed	533MHz, 1.3GHz	500MHz, 1.2GHz	500MHz, 600MHz, 1.2GHz	500MHz, 600MHz, 1.2GHz
Package	Tray	Tray	Bulk	Tray
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
RAM Size	256KB	256KB	256KB	256KB
Flash Size	-	-	-	-

### XCZU9CG-2FFVB1156I Datasheet PDF

Download XCZU9CG-2FFVB1156I pdf datasheets and AMD documentation for XCZU9CG-2FFVB1156I - AMD.

#### Environmental Information

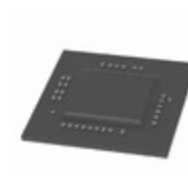
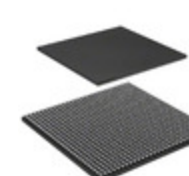
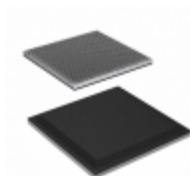
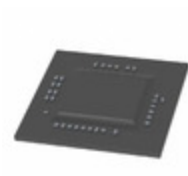
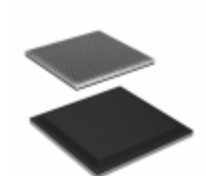
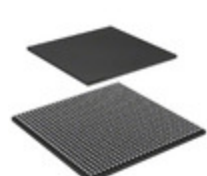
[Xilinx REACH211 Cert.pdf](#)

#### HTML Datasheet

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

### Customers Also Interested in

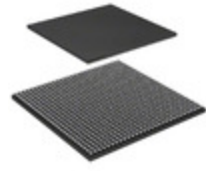
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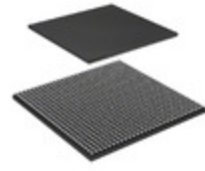
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AMD  
IC SOC CORTEX-A53 900FCBGA



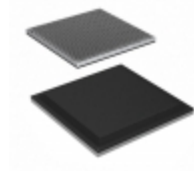
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AMD  
IC SOC CORTEX-A53 1156FCBGA



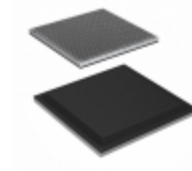
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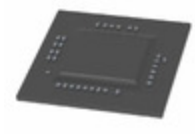
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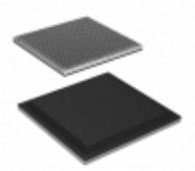
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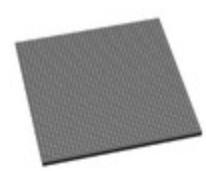
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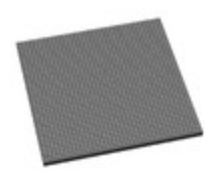
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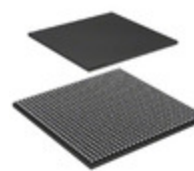
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IC SOC CORTEX-A53 900FCBGA



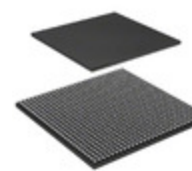
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AMD  
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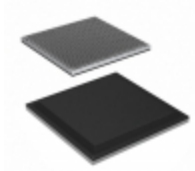
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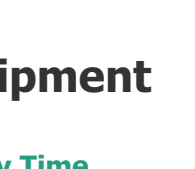
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IC SOC CORTEX-A53 1517FCBGA



**XCZU7EV-3FFVF1517E**  
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IC SOC CORTEX-A53 1517FCBGA



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IC SOC CORTEX-A53 900FCBGA



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AMD  
IC SOC CORTEX-A53 900FCBGA



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## 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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