

Image may be representation.  
See specifications for product details.



## XCZU19EG-1FFVB1517E

Manufacturer Part Number	<b>XCZU19EG-1FFVB1517E</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCZU19EG-1FFVB1517E
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 1517FCBGA
Package	1517-BBGA, FCBGA
Data sheet	XCZU19EG-1FFVB1517E.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCZU19EG-1FFVB1517E - AMD.New Original in Stock. Download Linear Technology XCZU19EG-1FFVB1517E datasheet/specifications on AllelcoElec.com.  
Request a quote for XCZU19EG-1FFVB1517E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCZU19EG-1FFVB1517E Tech Specifications  
XCZU19EG-1FFVB1517E - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	1517-FCBGA (40x40)	Operating Temperature	0°C ~ 100°C (TJ)
Speed	500MHz, 600MHz, 1.2GHz	Number of I/O	644
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, 1143K+ Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, WDT	Base Product Number	XCZU19
Package / Case	1517-BBGA, FCBGA	Architecture	MCU, FPGA

### Parts with Similar Specifications

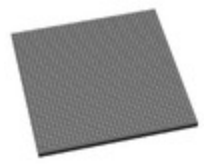
The three parts on the right have similar specifications to AMD XCZU19EG-1FFVB1517E

Product Attribute				
Part Number	XCZU19EG-1FFVB1517E	XCZU21DR-2FFVD1156E	XCZU15EG-L1FFVB1156I	XCZU15EG-1FFVB1156I
Manufacturer	AMD	Xilinx	AMD	AMD
Operating Temperature	0°C ~ 100°C (TJ)	-	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Series	Zynq® UltraScale+™ MPSoC EG	*	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG
Peripherals	DMA, WDT	-	DMA, WDT	DMA, WDT
Package / Case	1517-BBGA, FCBGA	-	1156-BBGA, FCBGA	1156-BBGA, FCBGA
Number of I/O	644	-	328	328
Base Product Number	XCZU19	-	XCZU15	XCZU15
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
Supplier Device Package	1517-FCBGA (40x40)	-	1156-FCBGA (35x35)	1156-FCBGA (35x35)
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	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
Package	Tray	-	Tray	Tray
Flash Size	-	-	-	-
Primary Attributes	Zynq®UltraScale+™ FPGA, 1143K+ Logic Cells	-	Zynq®UltraScale+™ FPGA, 747K+ Logic Cells	Zynq®UltraScale+™ FPGA, 747K+ Logic Cells
Architecture	MCU, FPGA	-	MCU, FPGA	MCU, FPGA
RAM Size	256KB	-	256KB	256KB
Speed	500MHz, 600MHz, 1.2GHz	-	500MHz, 600MHz, 1.2GHz	500MHz, 600MHz, 1.2GHz

### Customers Also Interested in

#### Recommended Products

<b>XCZU21DR-2FFVD1156E</b>	<b>XCZU15EG-L1FFVB1156I</b>	<b>XCZU15EG-1FFVB1156I</b>	<b>XCZU15EG-2FFVB1156E</b>	<b>XCZU17EG-1FFVB1517E</b>	<b>XCZU19EG-2FFVC1760E</b>	
Xilinx XCZU21DR-2FFVD1156E	AMD IC SOC CORTEX-A53 1156FCBGA	AMD IC SOC CORTEX-A53 1156FCBGA	AMD IC SOC CORTEX-A53 1156FCBGA	AMD IC SOC CORTEX-A53 1517FCBGA	AMD IC SOC CORTEX-A53 1760FCBGA	
<b>XCZU11EG-1FFVC1760I</b>	<b>XCZU19EG-2FFVC1760I</b>	<b>XCZU11EG-2FFVC1760I</b>	<b>XCZU15EG-2FFVB1156I</b>	<b>XCZU11EG-2FFVC1760E</b>	<b>XCZU15EG-2FFVC900I</b>	
AMD IC SOC CORTEX-A53 1760FCBGA	AMD IC SOC CORTEX-A53 1760FCBGA	AMD IC SOC CORTEX-A53 1760FCBGA	AMD IC SOC CORTEX-A53 1156FCBGA	AMD IC SOC CORTEX-A53 1760FCBGA	AMD IC SOC CORTEX-A53 900FCBGA	



**XCZU19EG-1FFVC1760E**

AMD  
IC SOC CORTEX-A53 1760FCBGA

**XCZU19EG-L1FFVC1760I**

AMD  
IC SOC CORTEX-A53 1760FCBGA

**XCZU11EG-3FFVC1760E**

AMD  
IC SOC CORTEX-A53 1760FCBGA

**XCZU19EG-1FFVC1760I**

AMD  
IC SOC CORTEX-A53 1760FCBGA

**XCZU21DR-1FFVD1156I**

Xilinx  
XCZU21DR-1FFVD1156I

**XCZU19EG-2FFVB1517I**

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 -



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



[View More](#)



## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.