

Image may be representation.  
See specifications for product details.

## XCZU17EG-1FFVB1517E

Manufacturer Part Number	<b>XCZU17EG-1FFVB1517E</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCZU17EG-1FFVB1517E
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 1517FCBGA
Package	1517-BBGA, FCBGA
Data sheet	XCZU17EG-1FFVB1517E.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**



XCZU17EG-1FFVB1517E - AMD.New Original in Stock. Download Linear Technology XCZU17EG-1FFVB1517E datasheet/specifications on AllelcoElec.com.  
Request a quote for XCZU17EG-1FFVB1517E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCZU17EG-1FFVB1517E Tech Specifications

XCZU17EG-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, 926K+ Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, WDT	Base Product Number	XCZU17
Package / Case	1517-BBGA, FCBGA	Architecture	MCU, FPGA

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCZU17EG-1FFVB1517E

Product Attribute				
Part Number	XCZU17EG-1FFVB1517E	XCZU11EG-2FFVC1760E	XCZU19EG-2FFVC1760I	XCZU21DR-2FFVD1156E
Manufacturer	AMD	AMD	AMD	Xilinx
Speed	500MHz, 600MHz, 1.2GHz	533MHz, 600MHz, 1.3GHz	533MHz, 600MHz, 1.3GHz	-
Package	Tray	Tray	Tray	-
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	-
Flash Size	-	-	-	-
Number of I/O	644	512	512	-
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	-
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°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	-
RAM Size	256KB	256KB	256KB	-
Primary Attributes	Zynq®UltraScale+™ FPGA, 926K+ Logic Cells	Zynq®UltraScale+™ FPGA, 653K+ Logic Cells	Zynq®UltraScale+™ FPGA, 1143K+ Logic Cells	-
Supplier Device Package	1517-FCBGA (40x40)	1760-FCBGA (42.5x42.5)	1760-FCBGA (42.5x42.5)	-
Base Product Number	XCZU17	XCZU11	XCZU19	-
Series	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	*
Package / Case	1517-BBGA, FCBGA	1760-BBGA, FCBGA	1760-BBGA, FCBGA	-
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	-

### Customers Also Interested in

#### Recommended Products



**XCZU11EG-2FFVC1760E**  
AMD  
IC SOC CORTEX-A53 1760FCBGA



**XCZU19EG-2FFVC1760I**  
AMD  
IC SOC CORTEX-A53 1760FCBGA



**XCZU21DR-2FFVD1156E**  
Xilinx  
XCZU21DR-2FFVD1156E



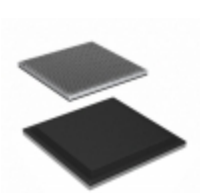
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AMD  
IC SOC CORTEX-A53 1760FCBGA



**XCZU11EG-1FFVC1760I**  
AMD  
IC SOC CORTEX-A53 1760FCBGA



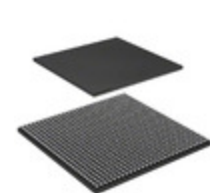
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AMD  
IC SOC CORTEX-A53 1760FCBGA



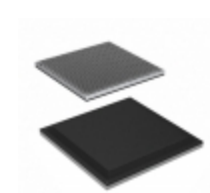
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AMD  
IC SOC CORTEX-A53 1156FCBGA



**XCZU21DR-1FFVD1156I**  
Xilinx  
XCZU21DR-1FFVD1156I



**XCZU15EG-2FFVC900I**  
AMD  
IC SOC CORTEX-A53 900FCBGA



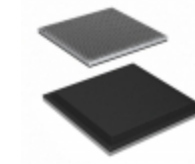
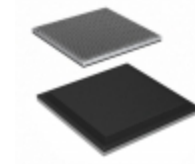
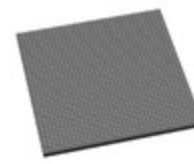
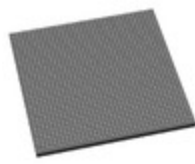
**XCZU15EG-2FFVB1156E**  
AMD  
IC SOC CORTEX-A53 1156FCBGA



**XCZU11EG-2FFVC1760I**  
AMD  
IC SOC CORTEX-A53 1760FCBGA



**XCZU11EG-1FFVC1760E**  
AMD  
IC SOC CORTEX-A53 1760FCBGA



**XZU11EG-3FFVC1760E**

**XZU19EG-1FFVC1760E**

**XZU19EG-2FFVB1517I**

**XZU19EG-1FFVB1517E**

**XZU15EG-1FFVB1156I**

**XZU15EG-2FFVB1156I**

AMD  
IC SOC CORTEX-A53 1760FCBGA

AMD  
IC SOC CORTEX-A53 1760FCBGA

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IC SOC CORTEX-A53 1517FCBGA

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IC SOC CORTEX-A53 1517FCBGA

AMD  
IC SOC CORTEX-A53 1156FCBGA

AMD  
IC SOC CORTEX-A53 1156FCBGA

## 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.

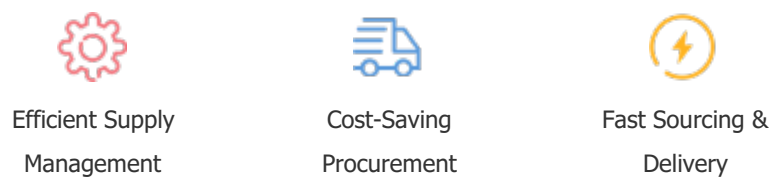
## Payment Support

The payment method can be chosen from the methods shown below:

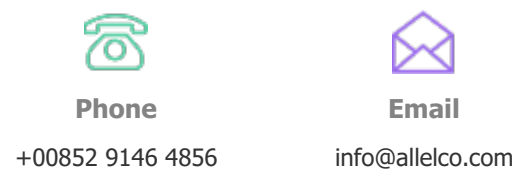
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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### Contact us

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