



XCZU19EG-1FFVC1760I

Manufacturer Part Number	XCZU19EG-1FFVC1760I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCZU19EG-1FFVC1760I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A53 1760FCBGA
Package	1760-BBGA, FCBGA
Data sheet	XCZU19EG-1FFVC1760I.pdf
RoHs Status	ROHS3 Compliant



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XCZU19EG-1FFVC1760I - AMD.New Original in Stock. Download Linear Technology XCZU19EG-1FFVC1760I datasheet/specifications on AllelcoElec.com.

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Specifications

XCZU19EG-1FFVC1760I Tech Specifications

XCZU19EG-1FFVC1760I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	1760-FCBGA (42.5x42.5)	Operating Temperature	-40°C ~ 100°C (TJ)
Speed	500MHz, 600MHz, 1.2GHz	Number of I/O	512
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	1760-BBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

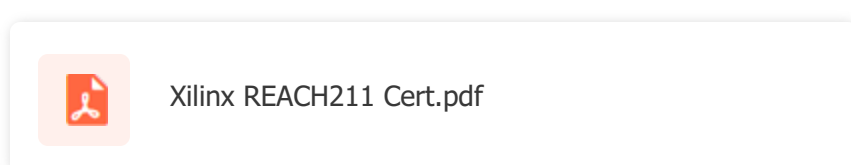
The three parts on the right have similar specifications to AMD XCZU19EG-1FFVC1760I

Product Attribute				
Part Number	XCZU19EG-1FFVC1760I	XCZU15EG-L1FFVB1156I	XCZU11EG-2FFVC1760I	XCZU19EG-1FFVC1760I
Manufacturer	AMD	AMD	AMD	AMD
Primary Attributes	Zynq®UltraScale+™ FPGA, 1143K+ Logic Cells	Zynq®UltraScale+™ FPGA, 747K+ Logic Cells	Zynq®UltraScale+™ FPGA, 653K+ Logic Cells	Zynq®UltraScale+™ FPGA, 1143K+ Logic Cells
RAM Size	256KB	256KB	256KB	256KB
Package	Tray	Tray	Tray	Tray
Number of I/O	512	328	512	512
Supplier Device Package	1760-FCBGA (42.5x42.5)	1156-FCBGA (35x35)	1760-FCBGA (42.5x42.5)	1760-FCBGA (42.5x42.5)
Base Product Number	XCZU19	XCZU15	XCZU11	XCZU19
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
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Flash Size	-	-	-	-
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
Package / Case	1760-BBGA, FCBGA	1156-BBGA, FCBGA	1760-BBGA, FCBGA	1760-BBGA, FCBGA
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Series	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG	Zynq® UltraScale+™ MPSoC EG
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	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
Speed	500MHz, 600MHz, 1.2GHz	500MHz, 600MHz, 1.2GHz	533MHz, 600MHz, 1.3GHz	500MHz, 600MHz, 1.2GHz

XCZU19EG-1FFVC1760I Datasheet PDF

Download XCZU19EG-1FFVC1760I pdf datasheets and AMD documentation for XCZU19EG-1FFVC1760I - AMD.

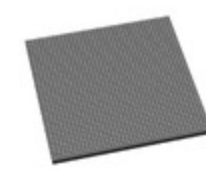
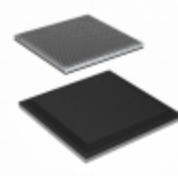
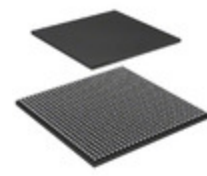
Environmental Information



Customers Also Interested in

Recommended Products

XCZU15EG-L1FFVB1156I	XCZU11EG-2FFVC1760I	XCZU19EG-L1FFVC1760I	XCZU19EG-2FFVC1760I	XCZU19EG-2FFVB1517I	XCZU15EG-2FFVB1156E
AMD	AMD	AMD	AMD	AMD	AMD
IC SOC CORTEX-A53 1156FCBGA	IC SOC CORTEX-A53 1760FCBGA	IC SOC CORTEX-A53 1760FCBGA	IC SOC CORTEX-A53 1760FCBGA	IC SOC CORTEX-A53 1517FCBGA	IC SOC CORTEX-A53 1156FCBGA



XCZU19EG-2FFVC1760E

AMD
IC SOC CORTEX-A53 1760FCBGA

XCZU15EG-2FFVC900I

AMD
IC SOC CORTEX-A53 900FCBGA

XCZU15EG-2FFVB1156I

AMD
IC SOC CORTEX-A53 1156FCBGA

XCZU21DR-2FFVD1156E

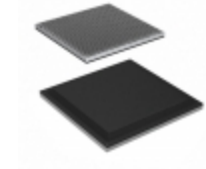
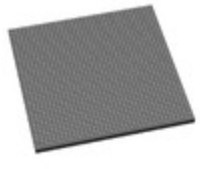
Xilinx
XCZU21DR-2FFVD1156E

XCZU17EG-1FFVB1517E

AMD
IC SOC CORTEX-A53 1517FCBGA

XCZU21DR-1FFVD1156I

Xilinx
XCZU21DR-1FFVD1156I



XCZU19EG-1FFVB1517E

AMD
IC SOC CORTEX-A53 1517FCBGA

XCZU11EG-3FFVC1760E

AMD
IC SOC CORTEX-A53 1760FCBGA

XCZU27DR-1FFVE1156I

Xilinx
XCZU27DR-1FFVE1156I

XCZU19EG-1FFVC1760E

AMD
IC SOC CORTEX-A53 1760FCBGA

XCZU15EG-1FFVB1156I

AMD
IC SOC CORTEX-A53 1156FCBGA

XCZU21DR-2FFVD1156I

AMD Xilinx

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.



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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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