

Image may be representation.
See specifications for product details.



XC7Z045-3FFG900E

Manufacturer Part Number	XC7Z045-3FFG900E
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7Z045-3FFG900E
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 1GHZ 900FCBGA
Package	900-BBGA, FCBGA
Data sheet	XC7Z045-3FFG900E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7Z045-3FFG900E - AMD.New Original in Stock. Download Linear Technology XC7Z045-3FFG900E datasheet/specifications on AllelcoElec.com.
Request a quote for XC7Z045-3FFG900E, please send us email: info@allelco.com

Specifications

XC7Z045-3FFG900E Tech Specifications
XC7Z045-3FFG900E - 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	0°C ~ 100°C (TJ)
Speed	1GHz	Number of I/O	130
Series	Zynq@-7000	Flash Size	-
RAM Size	256KB	Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	Kintex™-7 FPGA, 350K Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA	Base Product Number	XC7Z045
Package / Case	900-BBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7Z045-3FFG900E

Product Attribute				
Part Number	XC7Z045-3FFG900E	XC7Z045-L2FFG900I	XC7Z045-L2FFG676I	XC7Z045-3FFG676E
Manufacturer	AMD	AMD	AMD	AMD
Primary Attributes	Kintex™-7 FPGA, 350K Logic Cells	Kintex™-7 FPGA, 350K Logic Cells	Kintex™-7 FPGA, 350K Logic Cells	Kintex™-7 FPGA, 350K Logic Cells
Package	Tray	Tray	Tray	Tray
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
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
Speed	1GHz	800MHz	800MHz	1GHz
Flash Size	-	-	-	-
Operating Temperature	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Package / Case	900-BBGA, FCBGA	900-BBGA, FCBGA	676-BBGA, FCBGA	676-BBGA, FCBGA
Supplier Device Package	900-FCBGA (31x31)	900-FCBGA (31x31)	676-FCBGA (27x27)	676-FCBGA (27x27)
Peripherals	DMA	DMA	DMA	DMA
Base Product Number	XC7Z045	XC7Z045	XC7Z045	XC7Z045
Number of I/O	130	130	130	130
RAM Size	256KB	256KB	256KB	256KB
Series	Zynq@-7000	Zynq@-7000	Zynq@-7000	Zynq@-7000

XC7Z045-3FFG900E Datasheet PDF

Download XC7Z045-3FFG900E pdf datasheets and AMD documentation for XC7Z045-3FFG900E - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

[Mult Dev Material Chg 16/Dec/2019.pdf](#)

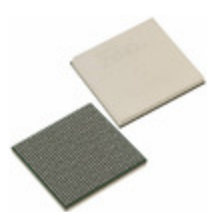
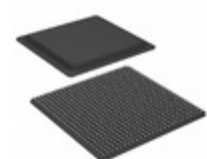
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PCN Packaging

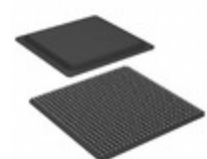
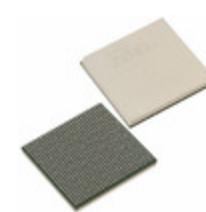
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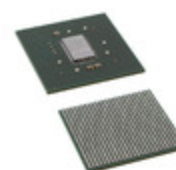
Recommended Products

**XC7Z045-L2FFG900I**AMD
IC SOC CORTEX-A9 800MHZ
900FCBGA**XC7Z045-L2FFG676I**AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA**XC7Z045-2FG676I**

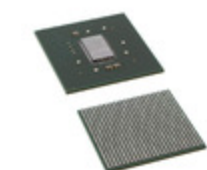
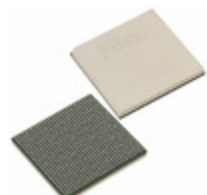
AMD Xilinx

**XC7Z045-3FFG676E**AMD
IC SOC CORTEX-A9 1GHZ 676FCBGA**XC7Z045-2FFG900E**AMD
IC SOC CORTEX-A9 800MHZ
900FCBGA**XC7Z045-2FFG900I**AMD
IC SOC CORTEX-A9 800MHZ
900FCBGA**XC7Z045-3FBG900E**

AMD Xilinx

**XC7Z100-2FFG1156I**AMD
IC SOC CORTEX-A9 800MHZ
1156BGA**XC7Z045-L2FBG676I**AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA**XC7Z100-2FFG900I**AMD
IC SOC CORTEX-A9 800MHZ
900FCBGA**XC7Z100-1FFG900C**

AMD Xilinx

**XC7Z045-3FBG676E**AMD
IC SOC CORTEX-A9 1GHZ 676FCBGA**XC7Z100-1FFG900I**AMD
IC SOC CORTEX-A9 667MHZ
900FCBGA**XC7Z045-2FFG9001**

AMD Xilinx

**XC7Z100-2FFG900C**

AMD Xilinx

**XC7Z045-2FFG900C**

AMD Xilinx

**XC7Z045-FFG900**

AMD Xilinx

**XC7Z100-1FFG1156I**AMD
IC SOC CORTEX-A9 667MHZ
1156BGA

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
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



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Certifications & Memberships



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