

Image may be representation.
See specifications for product details.



XC7Z100-2FFG900I

Manufacturer Part Number	XC7Z100-2FFG900I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7Z100-2FFG900I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 800MHZ 900FCBGA
Package	900-BBGA, FCBGA
Data sheet	XC7Z100-2FFG900I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7Z100-2FFG900I - AMD.New Original in Stock. Download Linear Technology XC7Z100-2FFG900I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7Z100-2FFG900I, please send us email: info@allelco.com

Specifications

XC7Z100-2FFG900I Tech Specifications
XC7Z100-2FFG900I - 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	-40°C ~ 100°C (TJ)
Speed	800MHz	Number of I/O	212
Series	Zynq®-7000	Flash Size	-
RAM Size	256KB	Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	Kintex™-7 FPGA, 444K Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA	Base Product Number	XC7Z100
Package / Case	900-BBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7Z100-2FFG900I

Product Attribute				
Part Number	XC7Z100-2FFG900I	XC7Z100-L2FFG1156I	XC7Z100-1FFG1156I	XC7Z045-3FBG676E
Manufacturer	AMD	AMD	AMD	AMD
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™
Speed	800MHz	800MHz	667MHz	1GHz
Base Product Number	XC7Z100	XC7Z100	XC7Z100	XC7Z045
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
Number of I/O	212	130	250	130
Series	Zynq®-7000	Zynq®-7000	Zynq®-7000	Zynq®-7000
Supplier Device Package	900-FCBGA (31x31)	1156-FCBGA (35x35)	1156-FCBGA (35x35)	676-FCBGA (27x27)
Primary Attributes	Kintex™-7 FPGA, 444K Logic Cells	Kintex™-7 FPGA, 444K Logic Cells	Kintex™-7 FPGA, 444K Logic Cells	Kintex™-7 FPGA, 350K Logic Cells
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Package / Case	900-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA	676-BBGA, FCBGA
Package	Tray	Tray	Tray	Tray
Peripherals	DMA	DMA	DMA	DMA
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Flash Size	-	-	-	-
RAM Size	256KB	256KB	256KB	256KB

XC7Z100-2FFG900I Datasheet PDF

Download XC7Z100-2FFG900I pdf datasheets and AMD documentation for XC7Z100-2FFG900I - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

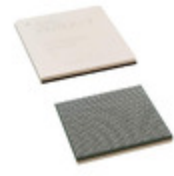
[Mult Dev Material Chg 16/Dec/2019.pdf](#)

PCN Packaging

[Mult Devices 26/Jun/2017.pdf](#)

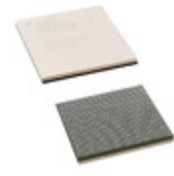
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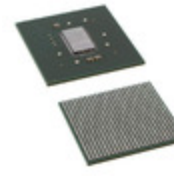
XC7Z100-3FFG900I

AMD Xilinx



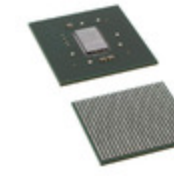
XC7Z100-L2FFG1156I

AMD
IC SOC CORTEX-A9 800MHZ
1156BGA



XC7Z100-1FFG1156I

AMD
IC SOC CORTEX-A9 667MHZ
1156BGA



XC7Z045-3FBG676E

AMD
IC SOC CORTEX-A9 1GHZ 676FCBGA

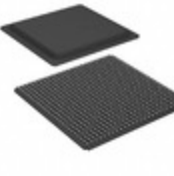


XC7Z045-L2FBG676I

AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA

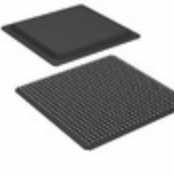
XC7Z045-L2FFG900I

AMD
IC SOC CORTEX-A9 800MHZ
900FCBGA



XC7Z100-FFG900

AMD Xilinx



XC7Z045-3FFG676E

AMD
IC SOC CORTEX-A9 1GHZ 676FCBGA



XC7Z045-L2FFG676I

AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA



XC7Z100-1FFG900C

AMD Xilinx



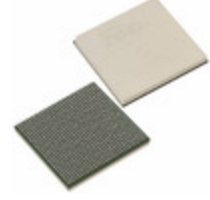
XC7Z100-2FFG900C

AMD Xilinx

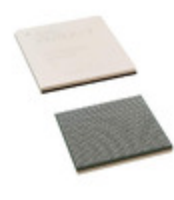


XC7Z045-2FG676I

AMD Xilinx



XC7Z045-3FFG900E
AMD
IC SOC CORTEX-A9 1GHZ 900FCBGA

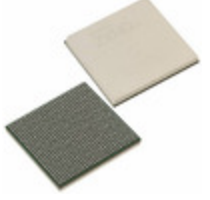


XC7Z100-2FFG1156I
AMD
IC SOC CORTEX-A9 800MHZ
1156BGA



XC7Z045-2FGG900I

AMD Xilinx



XC7Z100-1FFG900I
AMD
IC SOC CORTEX-A9 667MHZ
900FCBGA



XC7Z045-FFG900

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XC7Z045-3FBG900E

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

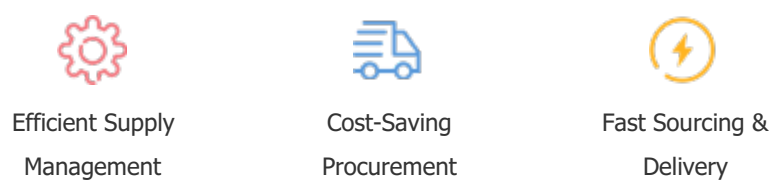
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

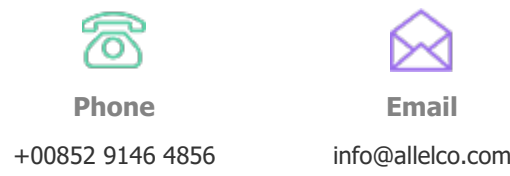
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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