



Image may be representation.  
See specifications for product details.



## XC7Z100-2FFG1156I

Manufacturer Part Number	<b>XC7Z100-2FFG1156I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7Z100-2FFG1156I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 800MHZ 1156BGA
Package	1156-BBGA, FCBGA
Data sheet	XC7Z100-2FFG1156I.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC7Z100-2FFG1156I - AMD.New Original in Stock. Download Linear Technology XC7Z100-2FFG1156I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7Z100-2FFG1156I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7Z100-2FFG1156I Tech Specifications  
XC7Z100-2FFG1156I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	1156-FCBGA (35x35)	Operating Temperature	-40°C ~ 100°C (TJ)
Speed	800MHz	Number of I/O	250
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	1156-BBGA, FCBGA	Architecture	MCU, FPGA

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7Z100-2FFG1156I

Product Attribute				
Part Number	XC7Z100-2FFG1156I	XC7Z100-2FFG900I	XC7Z100-1FFG900I	XC7Z045-L2FFG676I
Manufacturer	AMD	AMD	AMD	AMD
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
Base Product Number	XC7Z100	XC7Z100	XC7Z100	XC7Z045
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™
RAM Size	256KB	256KB	256KB	256KB
Flash Size	-	-	-	-
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Number of I/O	250	212	212	130
Peripherals	DMA	DMA	DMA	DMA
Package / Case	1156-BBGA, FCBGA	900-BBGA, FCBGA	900-BBGA, FCBGA	676-BBGA, FCBGA
Supplier Device Package	1156-FCBGA (35x35)	900-FCBGA (31x31)	900-FCBGA (31x31)	676-FCBGA (27x27)
Series	Zynq@-7000	Zynq@-7000	Zynq@-7000	Zynq@-7000
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
Package	Tray	Tray	Tube	Tray
Speed	800MHz	800MHz	667MHz	800MHz

### XC7Z100-2FFG1156I Datasheet PDF

Download XC7Z100-2FFG1156I pdf datasheets and AMD documentation for XC7Z100-2FFG1156I - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Design/Specification

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

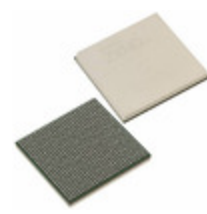
[Product Marking Chg 31/Oct/2016.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XC7Z045-2FG676I**

AMD Xilinx



**XC7Z100-2FFG900I**

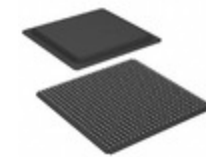
AMD  
IC SOC CORTEX-A9 800MHZ  
900FCBGA

**XC7Z100-FFG900**

AMD Xilinx

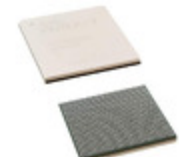
**XC7Z100-1FFG900I**

AMD  
IC SOC CORTEX-A9 667MHZ  
900FCBGA



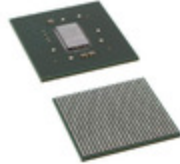
**XC7Z045-L2FFG676I**

AMD  
IC SOC CORTEX-A9 800MHZ  
676FCBGA



**XC7Z100-L2FFG1156I**

AMD  
IC SOC CORTEX-A9 800MHZ  
1156BGA



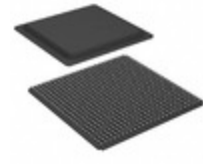
**XC7Z045-L2FBG676I**

AMD  
IC SOC CORTEX-A9 800MHZ  
676FCBGA



**XC7Z045-2FFG900I**

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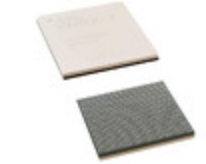
**XC7Z045-3FFG676E**

AMD  
IC SOC CORTEX-A9 1GHZ 676FCBGA



**XC7Z045-L2FFG900I**

AMD  
IC SOC CORTEX-A9 800MHZ  
900FCBGA



**XC7Z100-1FFG1156I**

AMD  
IC SOC CORTEX-A9 667MHZ  
1156BGA



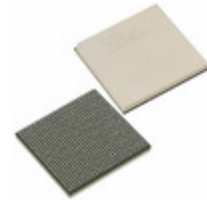
**XC7Z045-3FBG900E**

AMD Xilinx



**XC7Z100-2FFG900C**

AMD Xilinx



**XC7Z045-3FFG900E**

AMD  
IC SOC CORTEX-A9 1GHZ 900FCBGA



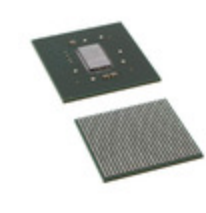
**XC7Z100-1FFG900C**

AMD Xilinx



**XC7Z045-FFG900**

AMD Xilinx



**XC7Z045-3FBG676E**

AMD  
IC SOC CORTEX-A9 1GHZ 676FCBGA



**XC7Z100-3FFG900I**

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 Alleco 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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Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone

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Email

info@alleco.com

## Certifications & Memberships



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