



Image may be representation.  
See specifications for product details.



## XC7Z012S-2CLG485I

Manufacturer Part Number	<b>XC7Z012S-2CLG485I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7Z012S-2CLG485I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 766MHZ 485CSBGA
Package	485-LFBGA, CSPBGA
Data sheet	XC7Z012S-2CLG485I.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC7Z012S-2CLG485I - AMD.New Original in Stock. Download Linear Technology XC7Z012S-2CLG485I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7Z012S-2CLG485I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7Z012S-2CLG485I Tech Specifications  
XC7Z012S-2CLG485I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	485-CSPBGA (19x19)	Operating Temperature	-40°C ~ 100°C (TJ)
Speed	766MHz	Number of I/O	150
Series	Zynq@-7000	Flash Size	-
RAM Size	256KB	Core Processor	Single ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	Artix™-7 FPGA, 55K Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA	Base Product Number	XC7Z012
Package / Case	485-LFBGA, CSPBGA	Architecture	MCU, FPGA

### Parts with Similar Specifications

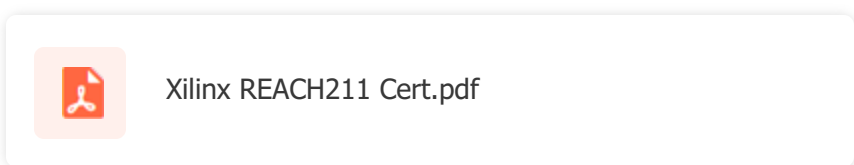
The three parts on the right have similar specifications to AMD XC7Z012S-2CLG485I

Product Attribute				
Part Number	XC7Z012S-2CLG485I	XC7Z012S-2CLG485E	XC7Z015-2CLG485E	XC7Z015-2CLG485I
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	150	150	130	130
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
Series	Zynq@-7000	Zynq@-7000	Zynq@-7000	Zynq@-7000
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Supplier Device Package	485-CSPBGA (19x19)	485-CSPBGA (19x19)	485-CSPBGA (19x19)	485-CSPBGA (19x19)
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Flash Size	-	-	-	-
Package / Case	485-LFBGA, CSPBGA	485-LFBGA, CSPBGA	485-LFBGA, CSPBGA	485-LFBGA, CSPBGA
Primary Attributes	Artix™-7 FPGA, 55K Logic Cells	Artix™-7 FPGA, 55K Logic Cells	Artix™-7 FPGA, 74K Logic Cells	Artix™-7 FPGA, 74K Logic Cells
Package	Tray	Tray	Tray	Tray
RAM Size	256KB	256KB	256KB	256KB
Peripherals	DMA	DMA	DMA	DMA
Speed	766MHz	766MHz	766MHz	766MHz
Core Processor	Single ARM® Cortex®-A9 MPCore™ with CoreSight™	Single ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Base Product Number	XC7Z012	XC7Z012	XC7Z015	XC7Z015

### XC7Z012S-2CLG485I Datasheet PDF

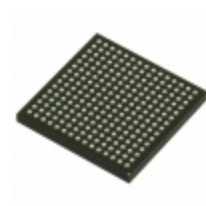
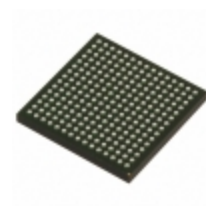
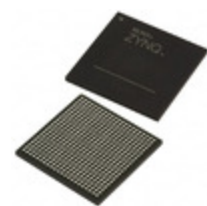
Download XC7Z012S-2CLG485I pdf datasheets and AMD documentation for XC7Z012S-2CLG485I - AMD.

### Environmental Information



### Customers Also Interested in

#### Recommended Products



**XC7Z010C-1LG400I**  
AMD Xilinx

**XC7Z012S-2CLG485E**  
AMD  
IC SOC CORTEX-A9 766MHZ 485CSBGA

**XC7Z015-2CLG485E**  
AMD  
IC SOC CORTEX-A9 766MHZ 485CSBGA

**XC7Z015-2CLG485I**  
AMD  
IC SOC CORTEX-A9 766MHZ 485CSBGA

**XC7Z020-1CLG400I**  
AMD  
IC SOC CORTEX-A9 667MHZ 400BGA

**XC7Z010-3CLG225E**  
AMD  
IC SOC CORTEX-A9 866MHZ 225BGA


**XC7Z015-3CLG485E**

AMD  
IC SOC CORTEX-A9 866MHZ 485CSBGA


**XC7Z010-2CLG400E**

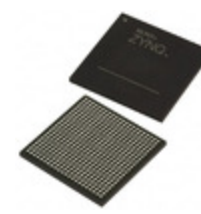
AMD  
IC SOC CORTEX-A9 766MHZ 400BGA


**XC7Z020-1CLG400C**

AMD  
IC SOC CORTEX-A9 667MHZ 400BGA


**XC7Z010-L1CLG400I**

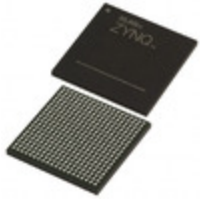
AMD  
IC SOC CORTEX-A9 667MHZ 400BGA


**XC7Z015-1CLG485C**

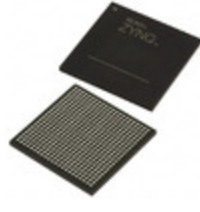
AMD  
IC SOC CORTEX-A9 667MHZ 485CSBGA

**XC7Z010-2CLG400C**

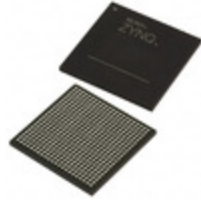
AMD Xilinx


**XC7Z010-3CLG400E**

AMD  
IC SOC CORTEX-A9 866MHZ 400BGA


**XC7Z015-L1CLG485I**

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IC SOC CORTEX-A9 667MHZ 485CSBGA


**XC7Z020-1CLG484C**

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IC SOC CORTEX-A9 667MHZ 484BGA


**XC7Z010-2CLG400I**

AMD  
IC SOC CORTEX-A9 766MHZ 400BGA


**XC7Z010-CLG225**

AMD Xilinx


**XC7Z015-1CLG485I**

AMD  
IC SOC CORTEX-A9 667MHZ 485CSBGA

## 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 Management  
 Cost-Saving Procurement  
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Contact us if you have any questions.

Phone  
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### Certifications & Memberships



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