

Image may be representation.
See specifications for product details.



XA7Z010-1CLG400Q

Manufacturer Part Number	XA7Z010-1CLG400Q
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XA7Z010-1CLG400Q
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 667MHZ 400BGA
Package	400-LFBGA, CSPBGA
Data sheet	XA Zynq-7000 Overview.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XA7Z010-1CLG400Q - AMD.New Original in Stock. Download Linear Technology XA7Z010-1CLG400Q datasheet/specifications on AllelcoElec.com.
Request a quote for XA7Z010-1CLG400Q, please send us email: info@allelco.com

Specifications

XA7Z010-1CLG400Q Tech Specifications
XA7Z010-1CLG400Q - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	400-CSPBGA (17x17)	Operating Temperature	-40°C ~ 125°C (TJ)
Speed	667MHz	Number of I/O	130
Series	Automotive, AEC-Q100, Zynq®-7000 XA	Flash Size	-
RAM Size	256KB	Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	Artix™-7 FPGA, 28K Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA	Base Product Number	XA7Z010
Package / Case	400-LFBGA, CSPBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XA7Z010-1CLG400Q

Product Attribute				
Part Number	XA7Z010-1CLG400Q	UPD63712AGC-8EU-A	XCZU3EG-1SFVC784I	XA7Z010-1CLG400I
Manufacturer	AMD	Renesas Electronics America Inc	AMD	AMD
Series	Automotive, AEC-Q100, Zynq®-7000 XA	*	Zynq® UltraScale+™ MPSoC EG	Automotive, AEC-Q100, Zynq®-7000 XA
Flash Size	-	-	-	-
Primary Attributes	Artix™-7 FPGA, 28K Logic Cells	-	Zynq®UltraScale+™ FPGA, 154K+ Logic Cells	Artix™-7 FPGA, 28K Logic Cells
Base Product Number	XA7Z010	-	XCZU3	-
Operating Temperature	-40°C ~ 125°C (TJ)	-	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of I/O	130	-	252	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
Supplier Device Package	400-CSPBGA (17x17)	-	784-FCBGA (23x23)	400-CSPBGA (17x17)
Architecture	MCU, FPGA	-	MCU, FPGA	MCU, FPGA
Speed	667MHz	-	500MHz, 600MHz, 1.2GHz	667MHz
Peripherals	DMA	-	DMA, WDT	DMA
RAM Size	256KB	-	256KB	256KB
Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	-	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Package	Tray	Bulk	Tray	Tray
Package / Case	400-LFBGA, CSPBGA	-	784-BFBGA, FCBGA	400-LFBGA, CSPBGA

XA7Z010-1CLG400Q Datasheet PDF

Download XA7Z010-1CLG400Q pdf datasheets and AMD documentation for XA7Z010-1CLG400Q - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

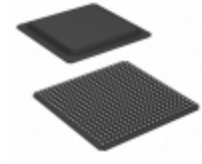



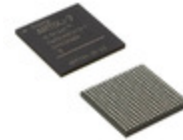

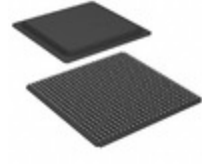
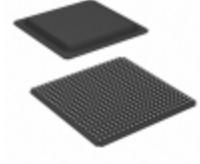
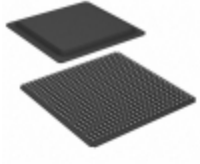
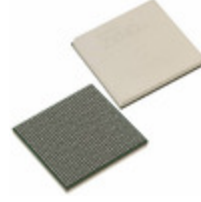
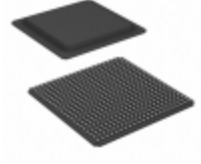

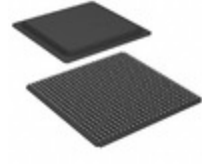
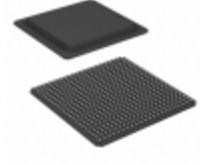
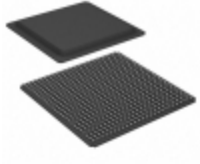
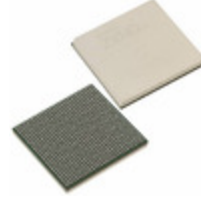
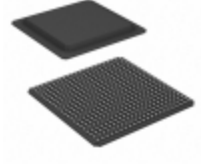

HTML Datasheet

[XA Zynq-7000 Overview.pdf](#)

Customers Also Interested in

Recommended Products



UPD63712AGC-8EU-A Renesas Electronics America Inc SOC ANALOG CD/TUNER	XCZU3EG-1SFVC784I AMD IC SOC CORTEX-A53 784FCBGA	XA7Z010-1CLG400I AMD IC SOC CORTEX-A9 667MHZ 400BGA	XA7Z020-1CLG400Q AMD IC SOC CORTEX-A9 667MHZ 400BGA	XA7A15T-1CSG324Q AMD IC FPGA 210 I/O 324CSBGA	XA7A50T-2CSG325I AMD IC FPGA 150 I/O 324CSBGA
					
XA7A75T-1FGG484Q AMD IC FPGA 285 I/O 484FBGA	A2F500M3G-1CSG288I Microchip Technology IC SOC CORTEX-M3 100MHZ 288CSP	5CSEBA4U23I7N Intel IC SOC CORTEX-A9 800MHZ 672UBGA	5CSEBA6U23I7SN Intel IC SOC CORTEX-A9 800MHZ 672UBGA	XA7A100T-1CSG324Q AMD IC FPGA 210 I/O 324CSBGA	5CSEBA6U23C8N Intel IC SOC CORTEX-A9 600MHZ 672UBGA
					
XC7Z035-1FFG676I AMD IC SOC CORTEX-A9 667MHZ 676FCBGA	XA7A75T-2FGG484I AMD IC FPGA 285 I/O 484FBGA	XA7S75-2FGGA676I AMD IC FPGA 400 I/O 676FBGA	XC7Z035-L2FFG900I AMD IC SOC CORTEX-A9 800MHZ 900FCBGA	XA7A75T-1FGG484I AMD IC FPGA 285 I/O 484FBGA	XA7Z020-1CLG400I AMD IC SOC CORTEX-A9 667MHZ 400BGA
					

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

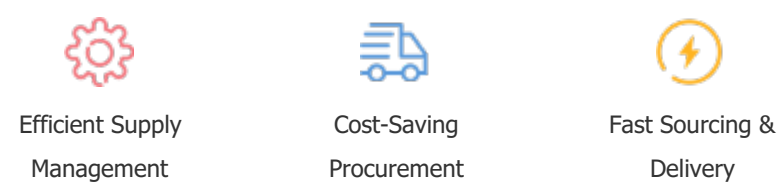
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

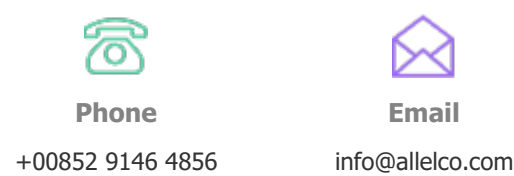
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)