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See specifications for product details.



XA7Z020-1CLG400Q

Manufacturer Part Number	XA7Z020-1CLG400Q
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XA7Z020-1CLG400Q
ECAD Model	PCB Symbol, Footprint & 3D Model
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

XA7Z020-1CLG400Q - AMD.New Original in Stock. Download Linear Technology XA7Z020-1CLG400Q datasheet/specifications on AllelcoElec.com.
Request a quote for XA7Z020-1CLG400Q, please send us email: info@allelco.com

Specifications

XA7Z020-1CLG400Q Tech Specifications
XA7Z020-1CLG400Q - 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, 85K Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA	Base Product Number	XA7Z020
Package / Case	400-LFBGA, CSPBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XA7Z020-1CLG400Q

Product Attribute				
Part Number	XA7Z020-1CLG400Q	XA7Z010-1CLG400Q	XC7Z030-3SBG485E	XA7Z010-1CLG400I
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	400-LFBGA, CSPBGA	400-LFBGA, CSPBGA	484-FBGA, FCBGA	400-LFBGA, CSPBGA
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
Supplier Device Package	400-CSPBGA (17x17)	400-CSPBGA (17x17)	484-FCBGA (19x19)	400-CSPBGA (17x17)
Series	Automotive, AEC-Q100, Zynq®-7000 XA	Automotive, AEC-Q100, Zynq®-7000 XA	Zynq®-7000	Automotive, AEC-Q100, Zynq®-7000 XA
Primary Attributes	Artix™-7 FPGA, 85K Logic Cells	Artix™-7 FPGA, 28K Logic Cells	Kintex™-7 FPGA, 125K Logic Cells	Artix™-7 FPGA, 28K Logic Cells
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Number of I/O	130	130	130	130
Speed	667MHz	667MHz	1GHz	667MHz
RAM Size	256KB	256KB	256KB	256KB
Flash Size	-	-	-	-
Base Product Number	XA7Z020	XA7Z010	XC7Z030	-
Package	Tray	Tray	Tray	Tray
Peripherals	DMA	DMA	DMA	DMA
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™

XA7Z020-1CLG400Q Datasheet PDF

Download XA7Z020-1CLG400Q pdf datasheets and AMD documentation for XA7Z020-1CLG400Q - AMD.

Environmental Information

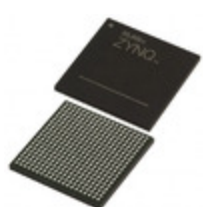
[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

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

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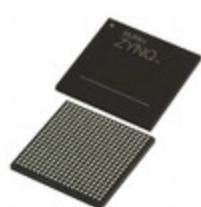
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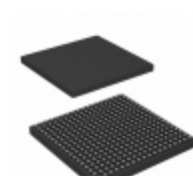
XA7Z010-1CLG400Q
AMD



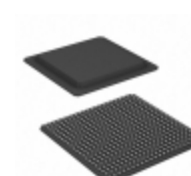
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AMD



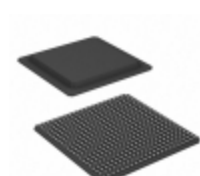
XA7Z010-1CLG400I
AMD



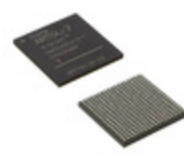
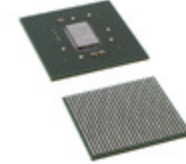
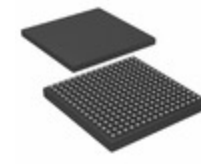
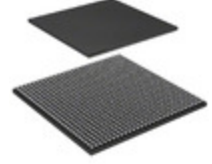
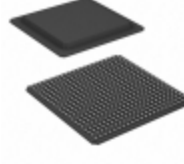
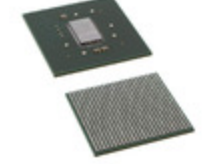
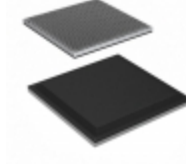
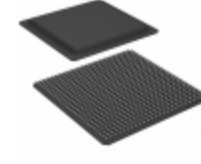
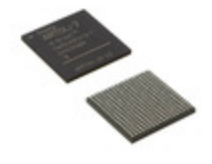
XA7A50T-2CSG325I
AMD



XA7A75T-1FGG484Q
AMD



XA7A75T-1FGG484I
AMD

**5CSEBA2U23C7SN**Intel
IC SOC CORTEX-A9 800MHZ
672UBGA**XA7A100T-1CSG324Q**AMD
IC FPGA 210 I/O 324CSBGA**XA7Z020-1CLG400I**AMD
IC SOC CORTEX-A9 667MHZ 400BGA**XC7Z045-1FBG676I**AMD
IC SOC CORTEX-A9 667MHZ
676FCBGA**M2S010-VFG256**Microchip Technology
IC SOC CORTEX-M3 166MHZ
256FBGA**XCZU15EG-2FFVC900I**AMD
IC SOC CORTEX-A53 900FCBGA**XCZU11EG-2FFVC1760E**AMD
IC SOC CORTEX-A53 1760FCBGA**XA7A75T-2FGG484I**AMD
IC FPGA 285 I/O 484FBGA**XC7Z045-2FBG676I**AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA**XCZU15EG-L1FFVB1156I**AMD
IC SOC CORTEX-A53 1156FCBGA**XA7S75-2FGGA676I**AMD
IC FPGA 400 I/O 676FBGA**XA7A15T-1CSG324Q**AMD
IC FPGA 210 I/O 324CSBGA

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.



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Fast Sourcing &
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Contact us if you have any questions.



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com