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See specifications for product details.



XC7Z030-1FBG676C

Manufacturer Part Number	XC7Z030-1FBG676C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7Z030-1FBG676C
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 667MHZ 676FCBGA
Package	676-BBGA, FCBGA
Data sheet	XC7Z030-1FBG676C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7Z030-1FBG676C - AMD.New Original in Stock. Download Linear Technology XC7Z030-1FBG676C datasheet/specifications on AllelcoElec.com.
Request a quote for XC7Z030-1FBG676C, please send us email: info@allelco.com

Specifications

XC7Z030-1FBG676C Tech Specifications
XC7Z030-1FBG676C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Supplier Device Package	676-FCBGA (27x27)	Operating Temperature	0°C ~ 85°C (TJ)
Speed	667MHz	Number of I/O	130
Series	Zynq@-7000	Flash Size	-
RAM Size	256KB	Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	Kintex™-7 FPGA, 125K Logic Cells	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA	Base Product Number	XC7Z030
Package / Case	676-BBGA, FCBGA	Architecture	MCU, FPGA

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7Z030-1FBG676C

Product Attribute				
Part Number	XC7Z030-1FBG676C	XC7Z020-L1CLG400I	XC7Z030-2FBG676E	XC7Z030-1FFG676I
Manufacturer	AMD	AMD	AMD	AMD
Flash Size	-	-	-	-
Number of I/O	130	130	130	130
Package / Case	676-BBGA, FCBGA	400-LFBGA, CSPBGA	676-BBGA, FCBGA	676-BBGA, FCBGA
Speed	667MHz	667MHz	800MHz	667MHz
Supplier Device Package	676-FCBGA (27x27)	400-CSPBGA (17x17)	676-FCBGA (27x27)	676-FCBGA (27x27)
Series	Zynq@-7000	Zynq@-7000	Zynq@-7000	Zynq@-7000
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
Primary Attributes	Kintex™-7 FPGA, 125K Logic Cells	Artix™-7 FPGA, 85K Logic Cells	Kintex™-7 FPGA, 125K Logic Cells	Kintex™-7 FPGA, 125K Logic Cells
Peripherals	DMA	DMA	DMA	DMA
RAM Size	256KB	256KB	256KB	256KB
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Package	Tray	Tray	Tray	Tray
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™
Base Product Number	XC7Z030	XC7Z020	XC7Z030	XC7Z030
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA

XC7Z030-1FBG676C Datasheet PDF

Download XC7Z030-1FBG676C pdf datasheets and AMD documentation for XC7Z030-1FBG676C - AMD.

Environmental Information

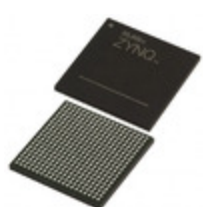
[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

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

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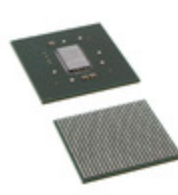
Recommended Products



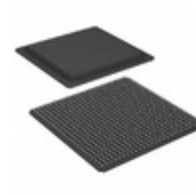
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AMD



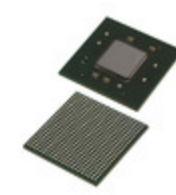
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AMD Xilinx



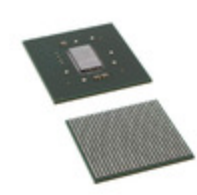
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AMD



XC7Z030-1FFG676I
AMD



XC7Z030-1FBG484I
AMD

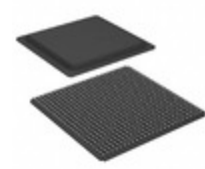


XC7Z030-1FBG676I
AMD

**XC7Z020-2CLG484E**

AMD

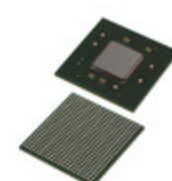
IC SOC CORTEX-A9 766MHZ 484BGA

**XC7Z030-1FFG676C**

AMD

IC SOC CORTEX-A9 667MHZ
676FCBGA**XC7Z030-1SBG485I**

AMD

IC SOC CORTEX-A9 667MHZ
485FCBGA**XC7Z030-1FBG484C**

AMD

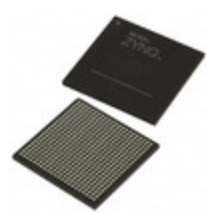
IC SOC CORTEX-A9 667MHZ
484FCBGA**XC7Z030-1SBG485C**

AMD

IC SOC CORTEX-A9 667MHZ
484FCBGA**XC7Z020-L1CLG484I**

AMD

IC SOC CORTEX-A9 667MHZ 484BGA

**XC7Z020-3CLG484E**

AMD

IC SOC CORTEX-A9 866MHZ 484BGA

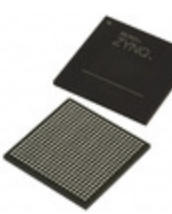
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AMD Xilinx

**XC7Z020-3CLG400E**

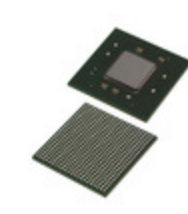
AMD

IC SOC CORTEX-A9 866MHZ 400BGA

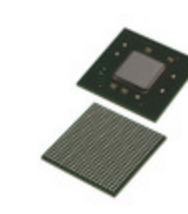
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AMD

IC SOC CORTEX-A9 766MHZ 484BGA

**XC7Z030-2FBG484E**

AMD

IC SOC CORTEX-A9 800MHZ
484FCBGA**XC7Z030-2FBG484I**

AMD

IC SOC CORTEX-A9 800MHZ
484FCBGA

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



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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