

Image may be representation.
See specifications for product details.



XC7Z030-2FFG676I

Manufacturer Part Number	XC7Z030-2FFG676I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7Z030-2FFG676I
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 800MHZ 676FCBGA
Package	676-BBGA, FCBGA
Data sheet	XC7Z030-2FFG676I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7Z030-2FFG676I - AMD.New Original in Stock. Download Linear Technology XC7Z030-2FFG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7Z030-2FFG676I, please send us email: info@allelco.com

Specifications

XC7Z030-2FFG676I Tech Specifications
XC7Z030-2FFG676I - 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	-40°C ~ 100°C (TJ)
Speed	800MHz	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 XC7Z030-2FFG676I

Product Attribute				
Part Number	XC7Z030-2FFG676I	XC7Z030-2FBG676I	XC7Z030-1SBG485I	XC7Z030-L2SBG485I
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Tray	Tray	Tray
Number of I/O	130	130	130	130
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Speed	800MHz	800MHz	667MHz	800MHz
Primary Attributes	Kintex™-7 FPGA, 125K Logic Cells	Kintex™-7 FPGA, 125K Logic Cells	Kintex™-7 FPGA, 125K Logic Cells	Kintex™-7 FPGA, 125K Logic Cells
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
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Base Product Number	XC7Z030	XC7Z030	XC7Z030	XC7Z030
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™
Supplier Device Package	676-FCBGA (27x27)	676-FCBGA (27x27)	484-FCBGA (19x19)	484-FCBGA (19x19)
Flash Size	-	-	-	-
Package / Case	676-BBGA, FCBGA	676-BBGA, FCBGA	484-FBGA, FCBGA	484-FBGA, FCBGA
Series	Zynq@-7000	Zynq@-7000	Zynq@-7000	Zynq@-7000
RAM Size	256KB	256KB	256KB	256KB

XC7Z030-2FFG676I Datasheet PDF

Download XC7Z030-2FFG676I pdf datasheets and AMD documentation for XC7Z030-2FFG676I - AMD.

Environmental Information

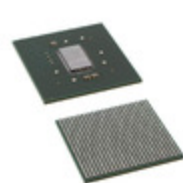
[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

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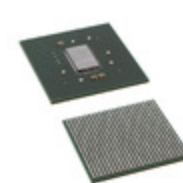
XC7Z030-2FBG676I
AMD



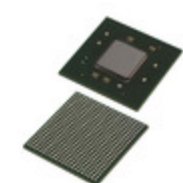
XC7Z030-1SBG485I
AMD



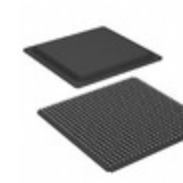
XC7Z030-L2SBG485I
AMD



XC7Z030-L2FBG676I
AMD



XC7Z030-3FBG484E
AMD



XC7Z030-3FFG676E
AMD

IC SOC CORTEX-A9 800MHZ
676FCBGA

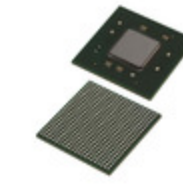
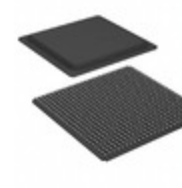
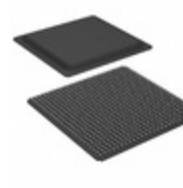
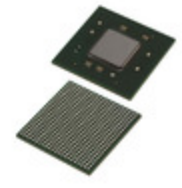
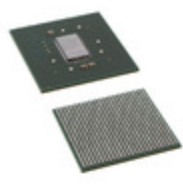
IC SOC CORTEX-A9 667MHZ
484FCBGA

IC SOC CORTEX-A9 800MHZ
485FCBGA

IC SOC CORTEX-A9 800MHZ
676FCBGA

IC SOC CORTEX-A9 1GHZ 484FCBGA

IC SOC CORTEX-A9 1GHZ 676FCBGA



XC7Z035-1FBG676C

AMD
IC SOC CORTEX-A9 667MHZ
676FCBGA

XC7Z030-2FBG484I

AMD
IC SOC CORTEX-A9 800MHZ
484FCBGA

XC7Z030-L2FFG676I

AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA

XC7Z030-2FFG676E

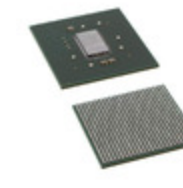
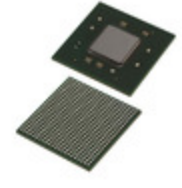
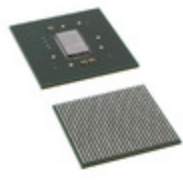
AMD
IC SOC CORTEX-A9 800MHZ
676FCBGA

XC7Z030-3SBG485E

AMD
IC SOC CORTEX-A9 1GHZ 485FCBGA

XC7Z030-2FBG484E

AMD
IC SOC CORTEX-A9 800MHZ
484FCBGA



XC7Z030-2FBG676E

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IC SOC CORTEX-A9 800MHZ
676FCBGA

XC7Z030-L2FBG484I

AMD
IC SOC CORTEX-A9 800MHZ
484FCBGA

XC7Z030-2FFG484E

AMD Xilinx

XC7Z030-1SBG485C

AMD
IC SOC CORTEX-A9 667MHZ
485FCBGA

XC7Z030-2FBG676C

AMD Xilinx

XC7Z030-3FBG676E

AMD
IC SOC CORTEX-A9 1GHZ 676FCBGA

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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