



XCVU190-2FLGB2104E

Manufacturer Part Number	XCVU190-2FLGB2104E
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCVU190-2FLGB2104E
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 702 I/O 2104FCBGA
Package	2104-BBGA, FCBGA
Data sheet	Virtex UltraScale FPGA Datasheet.pdf
RoHS Status	ROHS3 Compliant



Get a Quote

XCVU190-2FLGB2104E - AMD.New Original in Stock. Download Linear Technology XCVU190-2FLGB2104E datasheet/specifications on AllelcoElec.com.
Request a quote for XCVU190-2FLGB2104E, please send us email: info@allelco.com

Specifications

XCVU190-2FLGB2104E Tech Specifications

XCVU190-2FLGB2104E - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 100°C (TJ)
Voltage - Supply	0.922V ~ 0.979V	Number of Logic Elements/Cells	2349900
Total RAM Bits	150937600	Number of LABs/CLBs	134280
Supplier Device Package	2104-FCBGA (47.5x47.5)	Number of I/O	702
Series	Virtex® UltraScale™	Mounting Type	Surface Mount
Package / Case	2104-BBGA, FCBGA	Base Product Number	XCVU190
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCVU190-2FLGB2104E

Product Attribute	NO PICTURE			
Part Number	XCVU190-2FLGB2104E	XCVU190-2FLGB2104I	XCVU160-H1FLGB2104E	XCVU19P-2FSVA3824E
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	150937600	150937600	130969600	79586918
Package / Case	2104-BBGA, FCBGA	2104-BBGA, FCBGA	2104-BBGA, FCBGA	3824-BBGA, FCBGA
Number of Logic Elements/Cells	2349900	2349900	2026500	8937600
Package	Tray	Tray	Tray	Tray
Supplier Device Package	2104-FCBGA (47.5x47.5)	2104-FCBGA (47.5x47.5)	2104-FCBGA (47.5x47.5)	3824-FCBGA (65x65)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	0.922V ~ 0.979V	0.922V ~ 0.979V	0.922V ~ 1.030V	0.825V ~ 0.876V
Number of LABs/CLBs	134280	134280	115800	510720
Series	Virtex® UltraScale™	Virtex® UltraScale™	Virtex® UltraScale™	Virtex® UltraScale+™
Base Product Number	XCVU190	XCVU190	XCVU160	XCVU19
Operating Temperature	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Number of I/O	702	702	702	1976

XCVU190-2FLGB2104E Datasheet PDF

Download XCVU190-2FLGB2104E pdf datasheets and AMD documentation for XCVU190-2FLGB2104E - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

[Virtex UltraScale FPGA Datasheet.pdf](#)

Customers Also Interested in

Recommended Products

XCVU190-2FLGB2104I	XCVU160-H1FLGB2104E	XCVU19P-2FSVA3824E	XCVU160-2FLGB2104I	XCVU190-3FLGB2104E	XCVU3P-1FFVC1517I
AMD IC FPGA 702 I/O 2104FCBGA	AMD IC FPGA 702 I/O 2104FCBGA	AMD IC FPGA 1976 I/O 3824FCBGA	AMD IC FPGA 702 I/O 2104FCBGA	AMD IC FPGA 702 I/O 2104FCBGA	Xilinx IC FPGA 520 I/O 1517FCBGA
XCVU31P-2FSVH1924E	XCVU19P-2FSVB3824E	XCVU13P-3FHGB2104E	XCVU160-2FLGB2104E	XCVU3P-1FFVC1517E	XCVU13P-2FLGA2577I

AMD

IC FPGA 208 I/O 1924FCBGA

AMD

IC FPGA VIRTEX-UP 3824FCBGA

AMD

IC FPGA 702 I/O 2104FCBGA

AMD

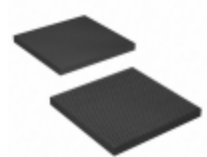
IC FPGA 702 I/O 2104FCBGA

AMD

IC FPGA 520 I/O 1517FCBGA

AMD

IC FPGA 448 I/O 2577FCBGA

**XCVU3P-2FFVC1517E**

AMD

IC FPGA 520 I/O 1517FCBGA

XCVU13P-2FIGD2104E

AMD

IC FPGA 676 I/O 2104FCBGA

XCVU13P-2FHGB2104I

AMD

IC FPGA 702 I/O 2104FCBGA

XCVU13P-L2FHGB2104E

AMD

IC FPGA 832 I/O 2104FCBGA

XCVU190-2FLGA2577E

AMD

IC FPGA 448 I/O 2577FCBGA

XCVU35P-2FSVH2104E

AMD

IC FPGA 416 I/O 2104FCBGA

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



[View More](#)



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

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.