




XCV1000E-6HQ240C

Manufacturer Part Number	XCV1000E-6HQ240C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV1000E-6HQ240C
ECAD Model	 Request Free CAD Models
Parts Description	IC FPGA 158 I/O 240QFP
Package	240-BFQFP Exposed Pad
Data sheet	Virtex-E 1.8V.pdf



Get a Quote

XCV1000E-6HQ240C - AMD.New Original in Stock. Download Linear Technology XCV1000E-6HQ240C datasheet/specifications on AllelcoElec.com.
Request a quote for XCV1000E-6HQ240C, please send us email: info@allelco.com





Specifications

XCV1000E-6HQ240C Tech Specifications
XCV1000E-6HQ240C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	Number of Logic Elements/Cells	27648
Total RAM Bits	393216	Number of LABs/CLBs	6144
Supplier Device Package	240-PQFP (32x32)	Number of I/O	158
Series	Virtex®-E	Number of Gates	1569178
Package / Case	240-BFQFP Exposed Pad	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV1000E

Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XCV1000E-6HQ240C

Product Attribute	 NO PICTURE			
Part Number	XCV1000E-6HQ240C	XCV1000E-7BG560I	XCV1000E-6BG560C	XCV1000E-6HQ240I
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	6144	6144	6144	6144
Number of I/O	158	404	404	158
Number of Logic Elements/Cells	27648	27648	27648	27648
Series	Virtex®-E	Virtex®-E	Virtex®-E	Virtex®-E
Supplier Device Package	240-PQFP (32x32)	560-MBGA (42.5x42.5)	560-MBGA (42.5x42.5)	240-PQFP (32x32)
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XCV1000E	XCV1000E	XCV1000E	XCV1000E
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	240-BFQFP Exposed Pad	560-LBGA Exposed Pad, Metal	560-LBGA Exposed Pad, Metal	240-BFQFP Exposed Pad
Total RAM Bits	393216	393216	393216	393216
Number of Gates	1569178	1569178	1569178	1569178


XCV1000E-6HQ240C Datasheet PDF

Download XCV1000E-6HQ240C pdf datasheets and AMD documentation for XCV1000E-6HQ240C - AMD.


Datasheets


[Virtex-E 1.8V.pdf](#)

Environmental Information


[Xilinx REACH211 Cert.pdf](#)

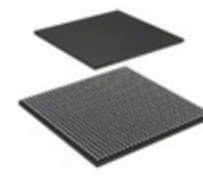
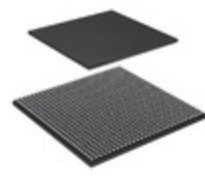
PCN Obsolescence/ EOL


[XC1700, 5200, HQ, SCD Families 19/Jul/2010.pdf](#)

Customers Also Interested in

Recommended Products

					
XCV1000E-7BG728C	XCV1000-6BG560I	XCV1000E-7BG560I	XCV1000E-6BG560C0773	XCV1000E-6BG728C	XCV1000E-6BG560C
AMD Xilinx	AMD Xilinx	AMD IC FPGA 404 I/O 560MBGA	AMD Xilinx	AMD Xilinx	AMD IC FPGA 404 I/O 560MBGA



XCV1000E-6HQ240I

AMD
IC FPGA 158 I/O 240QFP

XCV1000E-7FG1156C

AMD
IC FPGA 660 I/O 1156FBGA

XCV1000E-7FG900C

AMD
IC FPGA 660 I/O 900FBGA

XCV1000E-6FGG680C

AMD Xilinx

XCV1000E-6FG900C

AMD
IC FPGA 660 I/O 900FBGA

XCV1000E-6FG680I

AMD
IC FPGA 512 I/O 680FTEBGA



XCV1000E-6FG860C

AMD
IC FPGA 660 I/O 860FBGA

XCV1000E-6HQG240I

AMD Xilinx

XCV1000E-7FGG680C

AMD Xilinx

XCV1000EBG560-6C

AMD Xilinx

XCV1000E-6FG680C

AMD
IC FPGA 512 I/O 680FTEBGA

XCV1000E-7BG560C

AMD
IC FPGA 404 I/O 560MBGA

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 & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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