



XCV400E-6PQ240I

Manufacturer Part Number	XCV400E-6PQ240I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV400E-6PQ240I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 158 I/O 240QFP
Package	240-BFQFP
Data sheet	Virtex-E 1.8V.pdf



Get a Quote

XCV400E-6PQ240I - AMD.New Original in Stock. Download Linear Technology XCV400E-6PQ240I datasheet/specifications on AllelcoElec.com.
Request a quote for XCV400E-6PQ240I, please send us email: info@allelco.com

Specifications

XCV400E-6PQ240I Tech Specifications
XCV400E-6PQ240I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	Number of Logic Elements/Cells	10800
Total RAM Bits	163840	Number of LABs/CLBs	2400
Supplier Device Package	240-PQFP (32x32)	Number of I/O	158
Series	Virtex®-E	Number of Gates	569952
Package / Case	240-BFQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV400E

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV400E-6PQ240I

Product Attribute	NO PICTURE			
Part Number	XCV400E-6PQ240I	XCV400E-8FG676C	XCV400E-8BG560C	XCV400E-6FG676C
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Total RAM Bits	163840	163840	163840	163840
Supplier Device Package	240-PQFP (32x32)	676-FBGA (27x27)	560-MBGA (42.5x42.5)	676-FBGA (27x27)
Package / Case	240-BFQFP	676-BGA	560-LBGA Exposed Pad, Metal	676-BGA
Base Product Number	XCV400E	XCV400E	XCV400E	XCV400E
Number of I/O	158	404	404	404
Series	Virtex®-E	Virtex®-E	Virtex®-E	Virtex®-E
Number of LABs/CLBs	2400	2400	2400	2400
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	10800	10800	10800	10800
Number of Gates	569952	569952	569952	569952

XCV400E-6PQ240I Datasheet PDF

Download XCV400E-6PQ240I pdf datasheets and AMD documentation for XCV400E-6PQ240I - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

[Spartan, Virtex, XC17V00 24/Apr/2013.pdf](#)

Customers Also Interested in

Recommended Products

XCV400E-8FG676C	XCV400E-8BG560C	XCV400E-6FG676C0773	XCV400E-6FG676C	XCV400E-7PQG240I	XCV400-6HQ240C
AMD	AMD	AMD Xilinx	AMD	AMD Xilinx	AMD
IC FPGA 404 I/O 676FCBGA	IC FPGA 404 I/O 560MBGA		IC FPGA 404 I/O 676FCBGA		IC FPGA 166 I/O 240QFP



XCV400E-7PQ240I
AMD
IC FPGA 158 I/O 240QFP

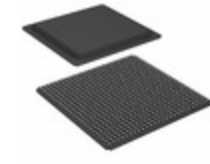
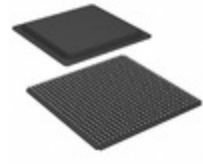
XCV400E-6BG432C0C280
AMD Xilinx

XCV400E-8PQG240C
AMD Xilinx

XCV400E-6BG432C
AMD
IC FPGA 316 I/O 432MBGA

XCV400E-6PQG240I
AMD Xilinx

XCV400E-7BG560C
AMD
IC FPGA 404 I/O 560MBGA



XCV400E-7BG432I
AMD
IC FPGA 316 I/O 432MBGA

XCV400E-7FG676C
AMD
IC FPGA 404 I/O 676FCBGA

XCV400E-6PQG240C
AMD
IC FPGA 158 I/O 240QFP

XCV400E-6FG676C
AMD
IC FPGA 404 I/O 676FCBGA

XCV400E-7BG432C
AMD
IC FPGA 316 I/O 432MBGA

XCV400E-6FGG676C
AMD Xilinx

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.