



# XC4020E-3HQ240C

Manufacturer Part Number	<b>XC4020E-3HQ240C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC4020E-3HQ240C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 193 I/O 240QFP
Package	240-BFQFP Exposed Pad
Data sheet	<b>XC4000(E, X) Series.pdf</b>



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XC4020E-3HQ240C - AMD.New Original in Stock. Download Linear Technology XC4020E-3HQ240C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC4020E-3HQ240C, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

XC4020E-3HQ240C Tech Specifications  
XC4020E-3HQ240C - 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	4.75V ~ 5.25V	Number of Logic Elements/Cells	1862
Total RAM Bits	25088	Number of LABs/CLBs	784
Supplier Device Package	240-PQFP (32x32)	Number of I/O	193
Series	XC4000E/X	Number of Gates	20000
Package / Case	240-BFQFP Exposed Pad	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC4020E

## Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC4020E-3HQ240C

Product Attribute				
Part Number	XC4020E-3HQ240C	<a href="#">XC4020XL-09HT144C</a>	<a href="#">XC4020E-4HQ208C</a>	<a href="#">XC4020E-4PG223I</a>
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC4020E	XC4020XL	XC4020E	XC4020E
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Total RAM Bits	25088	25088	25088	25088
Voltage - Supply	4.75V ~ 5.25V	3V ~ 3.6V	4.75V ~ 5.25V	4.5V ~ 5.5V
Number of I/O	193	113	160	192
Supplier Device Package	240-PQFP (32x32)	144-TQFP (20x20)	208-PQFP (28x28)	223-CPGA (47.24x47.24)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Number of LABs/CLBs	784	784	784	784
Number of Logic Elements/Cells	1862	1862	1862	1862
Package / Case	240-BFQFP Exposed Pad	144-LQFP Exposed Pad	208-BFQFP Exposed Pad	223-BCPGA
Series	XC4000E/X	XC4000E/X	XC4000E/X	XC4000E/X
Package	Tray	Tray	Tray	Tray
Number of Gates	20000	20000	20000	20000

## XC4020E-3HQ240C Datasheet PDF

Download XC4020E-3HQ240C pdf datasheets and AMD documentation for XC4020E-3HQ240C - AMD.

### Datasheets

[XC4000\(E, X\) Series.pdf](#)

### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

### PCN Obsolescence/ EOL

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

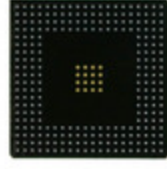
## Customers Also Interested in

### Recommended Products

<b>XC4020XL-09HT144C</b>	<b>XC4020E-4HQ208C</b>	<b>XC4013XLA-BG256</b>	<b>XC4020E-4PG223I</b>	<b>XC4020XL-3BG256I</b>	<b>XC4020E-2HQ208C</b>
AMD	AMD	AMD Xilinx	AMD	AMD	AMD
IC FPGA 113 I/O 144TQFP	IC FPGA 160 I/O 208QFP		IC FPGA 192 I/O 223CPGA	IC FPGA 205 I/O 256BGA	IC FPGA 160 I/O 208QFP

**XC4020XL-3PQ160C**AMD  
IC FPGA 129 I/O 160QFP**XC4020E-4HQ240C**AMD  
IC FPGA 193 I/O 240QFP**XC4020E-3HQ208C**AMD  
IC FPGA 160 I/O 208QFP**XC4020E-1HQ208C**AMD  
IC FPGA 160 I/O 208QFP**XC40150XV-09BG560C**

AMD Xilinx

**XC4020E-2HQ240C**AMD  
IC FPGA 193 I/O 240QFP**XC40150XV-08BG560C**

AMD Xilinx

**XC4020XL-3BG256C**AMD  
IC FPGA 205 I/O 256BGA**XC4013XLT-09PQ240C**

AMD Xilinx

**XC4020E-3HQG240C**

AMD Xilinx

**XC4020XL-2HT144C**AMD  
IC FPGA 113 I/O 144TQFP**XC4020E-4HQ208I**AMD  
IC FPGA 160 I/O 208QFP

## 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

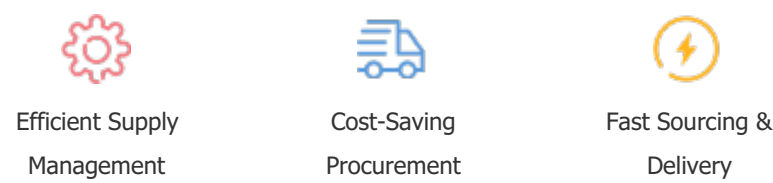
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

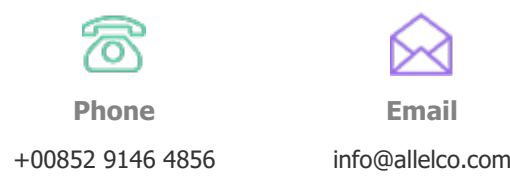
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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