

**XCV1000E-7HQ240C Information**


For Reference Only

**Part Number** XCV1000E-7HQ240C  
**Manufacturer** Xilinx Inc.  
**Category** Integrated Circuits (ICs)  
 Embedded - FPGAs (Field Programmable Gate Array)  
**Description** IC FPGA 158 I/O 240HQFP  
**Package** 240-BFQFP Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**XCV1000E-7HQ240C Specifications**

|                                |   |
|--------------------------------|---|
| Manufacturer Part Number       | XCV1000E-7HQ240C  |
| Manufacturer                   | Xilinx Inc.   |
| Category                       | Integrated Circuits (ICs)<br>Embedded - FPGAs (Field Programmable Gate Array) |
| Package                        | 240-BFQFP Exposed Pad   |
| Series                         | Virtex?-E   |
| Number of LABs/CLBs            | 6144  |
| Number of Logic Elements/Cells | 27648   |
| Total RAM Bits                 | 393216  |
| Number of I/O                  | 158   |
| Number of Gates                | 1569178   |
| Voltage - Supply               | 1.71 V ~ 1.89 V   |
| Mounting Type                  | Surface Mount   |
| Operating Temperature          | 0°C ~ 85°C (TJ)   |
| Package / Case                 | 240-BFQFP Exposed Pad   |
| Supplier Device Package        | 240-PQFP (32x32)  |

[Report errors?](#)

## XCV1000E-7HQ240C Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## XCV1000E-7HQ240C Payment Methods



## XCV1000E-7HQ240C Shipping Methods



If you have any question about XCV1000E-7HQ240C, please do not hesitate to contact us!

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