

TVS Thyristor, Led Protector, PLED Series, 1.2V, 1A, QFN, 2Pins, -40°C

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	QFP-240
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCV600E-8HQ240C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XCV600E-8HQ240C is a field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable logic device that can be programmed to perform specific functions according to the user's requirements. Here are some of its features:

### Features

- 600,000 system gates
- 2400 slices, each with four 6-input LUTs and 8 flip-flops
- 32 DSP slices, each with an 18x18 multiplier and a 48-bit accumulator
- 576KB block RAM
- 8 Digital Clock Managers (DCMs)
- 4 phased-locked loops (PLLs)
- 350 MHz maximum clock frequency

### Application

- High-speed data processing
- Digital signal processing
- Communication systems
- Image processing
- Medical equipment
- Aerospace and defense applications
- Video and audio processing



## Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



[XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48