

Spartan and Spartan-XL Families Field Programmable Gate Arrays

| | |
|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | 240PQFP |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XCS30XL-4PQ240C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCS30XL-4PQ240C is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading semiconductor company.

Features

- 30,000 logic cells
- 480 input/output pins
- 4.4ns pin-to-pin logic delay
- 240-pin plastic quad flat pack (PQFP) package
- 1.5V core voltage
- Built-in digital clock manager (DCM) and phase-locked loop (PLL)
- Embedded Block RAM (BRAM) and Distributed RAM
- Supports various I/O standards, such as LVDS, LVCMOS, SSTL, etc.
- Supports various design tools, such as Xilinx ISE and Vivado Design Suite.

Application

- Aerospace and defense
- Industrial control and automation
- Communication and networking equipment
- Medical devices
- Video and image processing
- Automotive electronics
- High-performance computing



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



[XCV50-6BG256C](#)

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[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



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