

Spartan and Spartan-XL Families Field Programmable Gate Arrays FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	VQFP-100
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCS10XL-4VQ100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCS10XL-4VQ100I is an FPGA (Field Programmable Gate Array) device from the Xilinx Spartan-3E family.

Features

- 10,320 Logic Cells
- 648 KB Block RAM
- 192 DSP Slices
- 4 Phase Locked Loops (PLLs)
- 3.2 Mb/s Fast Simplex Link
- 100-pin VQFP (Very Thin Quad Flat Pack) package
- 1.2V Core Voltage

Application

- Communications: Wired and wireless communication systems
- Industrial Automation: Motion control systems, factory automation, and industrial networking
- Automotive: Infotainment systems, driver assistance, and vehicle networking
- Consumer Electronics: High-end audio and video systems, gaming devices, and mobile devices
- Medical: Medical imaging systems, diagnostic equipment, and patient monitoring systems
- Defense and Aerospace: Radar systems, electronic warfare, and avionics



Related Products



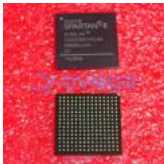
[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



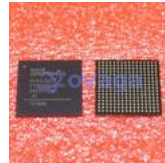
[XCV50-6BG256C](#)

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