

FPGA Virtex-4 LX Family 41472 Cells 90nm (CMOS) Technology 1.2V 668Pin FCBGA

| | |
|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | BGA668 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XC4VLX40-10FFG668C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

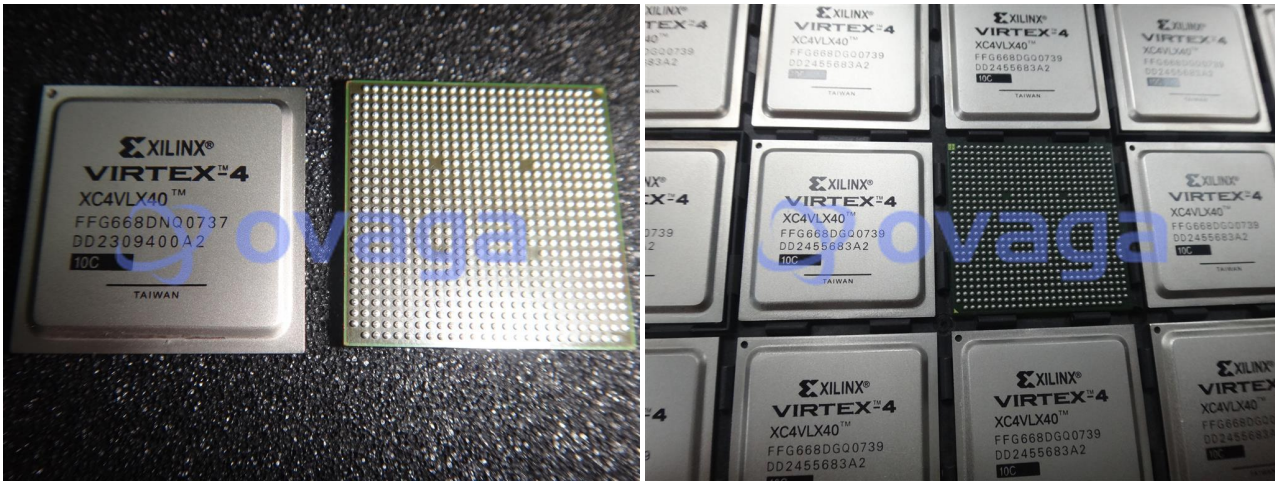
XC4VLX40-10FFG668C is a field-programmable gate array (FPGA) from Xilinx, which belongs to the Virtex-4 LX family.

Features

- 40,608 logic cells
- 1,632 kilobits of block RAM
- 56 DSP slices
- 4 clock management tiles
- 668-pin Fine-Pitch Ball Grid Array (FBGA) package
- Operates at a maximum frequency of 625 MHz
- Supports various I/O standards such as LVCMOS, LVTTTL, HSTL, GTL, GTLP, LVDS, and others.

Application

- High-speed communication systems
- Video processing
- Aerospace and defense systems
- Industrial automation and control
- Medical imaging and diagnostics
- Scientific instrumentation.

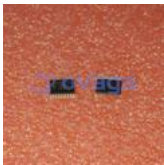


Related Products



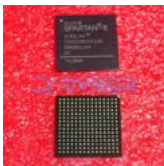
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



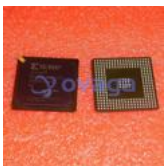
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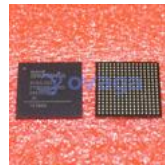
[XCV50-6BG256C](#)

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[XCF08PV0G48C](#)

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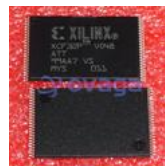
[XC6SLX25-3FTG256C](#)

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[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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