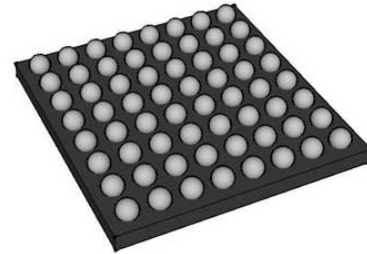


400000 SYSTEM GATE 1.2 VOLT FPGA

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



Images are for reference only

Please submit RFQ for XC3S400-4FG456C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S400-4FG456C is a field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable logic device that can be reconfigured to implement digital circuits or systems.

### Features

400K system gates

488 user I/Os

36Kb block RAM

216 DSP slices

Configurable Logic Blocks (CLBs) with dual 4-input lookup tables (LUTs)

Advanced power management features

Built-in system-level blocks for enhanced functionality

### Application

**Aerospace and Defense:** Used in radar systems, mission-critical avionics, and other high-reliability applications.

**Automotive:** Used for advanced driver assistance systems (ADAS), infotainment systems, and other automotive applications.

**Industrial:** Used in factory automation, control systems, and other industrial applications.

**Medical:** Used in medical imaging systems, patient monitoring, and other medical equipment.

**Communications:** Used in wired and wireless networking equipment, cellular base stations, and other communication systems.

### Related Products



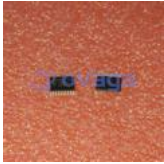
[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



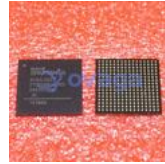
[XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



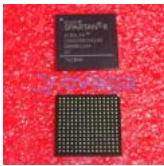
[XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



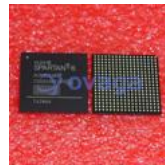
[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



[XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



[XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48