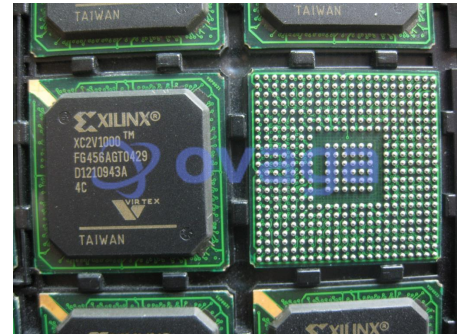


Virtex-II 1.5V Field-Programmable Gate Arrays FPGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA456
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2V1000-4FG456C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC2V1000-4FG456C is a part number of a Field-Programmable Gate Array (FPGA) device manufactured by Xilinx Inc.

### Features

The XC2V1000-4FG456C has a capacity of 1 million system gates, which can be programmed to implement digital circuits and functions.

It has 1,152 configurable input/output (I/O) pins that can be programmed for various input/output standards, such as LVCMOS, LVTTTL, PCI, and others.

It has a maximum operating frequency of 250 MHz, which makes it suitable for high-speed applications.

The device operates at a voltage range of 1.5V to 3.3V, which allows for flexibility in design.

### Application

Communications systems

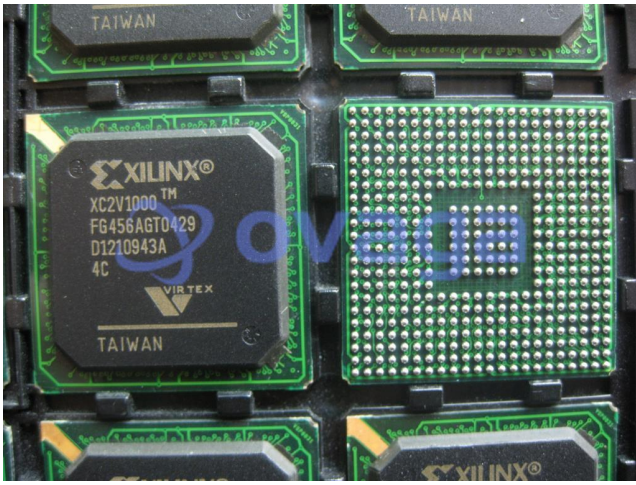
Video processing and display systems

Medical equipment

Aerospace and defense systems

Industrial control systems

Automotive systems

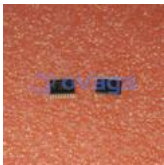


## Related Products



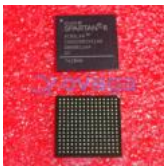
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AMD Xilinx, Inc  
SOP-20



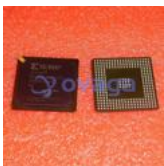
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



### [XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



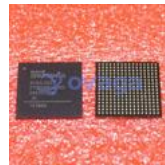
### [XCV50-6BG256C](#)

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