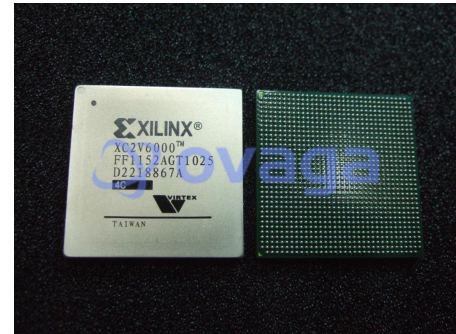


Virtex-II 1.5V Field-Programmable Gate Arrays

|               |                                 |
|---------------|---------------------------------|
| Manufacturers | <a href="#">AMD Xilinx, Inc</a> |
| Package/Case  | QFP1152                         |
| Product Type  | Programmable Logic ICs          |
| RoHS          |                                 |
| Lifecycle     |                                 |



Images are for reference only

Please submit RFQ for XC2V6000-4FF1152C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC2V6000-4FF1152C is a Field Programmable Gate Array (FPGA) device manufactured by Xilinx Inc.

### Features

It has a capacity of 6 million system gates and 1.15 million logic cells.

It has 1152 user I/Os (Input/Output pins).

It operates at a maximum frequency of 550 MHz.

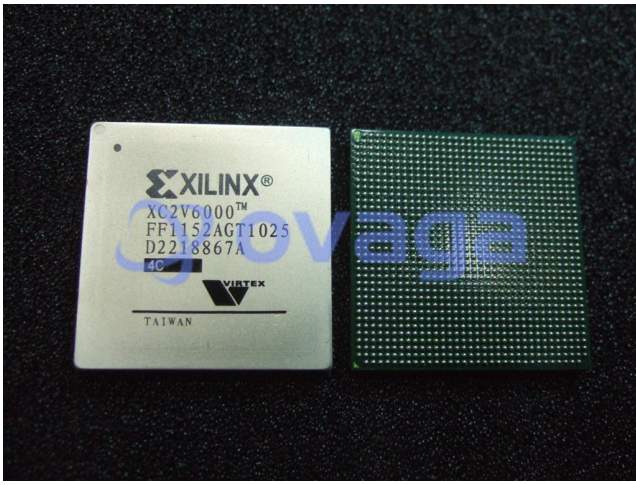
It has on-chip Block RAM, distributed RAM, and Digital Signal Processing (DSP) blocks for efficient implementation of memory and signal processing functions.

It supports various configuration modes such as Master SPI, Slave SPI, SelectMAP, and JTAG.

### Application

XC2V6000-4FF1152C is used in high-performance computing systems, digital signal processing, image processing, video processing, and networking applications.

It is also used in aerospace and defense systems, automotive systems, and telecommunications.



## Related Products



### [XC18V01S020C](#)

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