

53136 Logic Cells 16 Rocket IOs 2 Power

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-1152
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2VP50-6FF1152I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2VP50-6FF1152I is a field-programmable gate array (FPGA) device manufactured by Xilinx Inc. It belongs to the Virtex-II Pro family of FPGAs and features a total of 50,000 logic cells, 1,152 input/output pins, and a maximum operating frequency of 450 MHz.

Features

- 50,000 logic cells
- 1,152 input/output pins
- 8 Digital Clock Managers (DCMs)
- Up to 864 Mb/s per I/O pin
- Up to 1.6 Gbps serial transceiver performance
- Up to 600 MHz internal logic performance
- Built-in PowerPC 405 processor

Application

- High-performance computing
- Aerospace and defense
- Video and image processing
- Network processing and communication
- Industrial automation
- Medical devices



Related Products



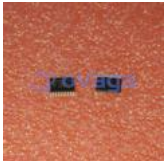
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF08PV0G48C](#)

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TSOP-48



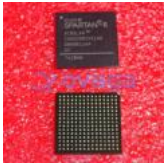
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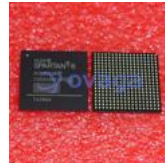
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AMD Xilinx, Inc
BGA-256



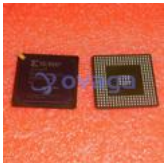
[XC6SLX4-2CSG225C](#)

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[XC6SLX16-3CSG324C](#)

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