

Virtex-II Platform FPGAs: Complete Data Sheet

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-456
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2V1000-5FG456I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

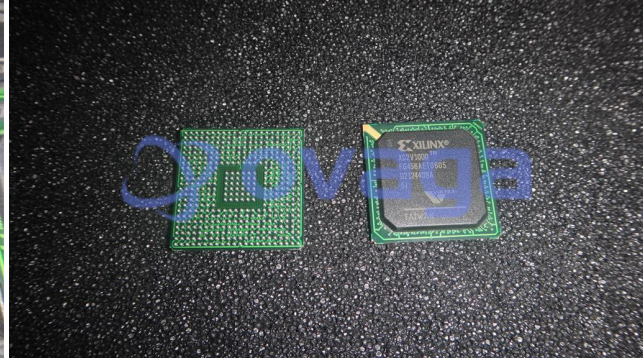
XC2V1000-5FG456I is a Field Programmable Gate Array (FPGA) manufactured by Xilinx, which is a programmable logic device that allows the user to configure the device to perform custom logic functions.

Features

- 1 million system gates
- 1,008 user I/O pins
- 64 dedicated input/output pins
- 64 digital signal processing (DSP) slices
- 2 built-in PowerPC processors
- 36 Kb block RAM and 18 Kb distributed RAM
- 5 ns pin-to-pin delay

Application

- Telecommunications
- Networking
- Digital Signal Processing (DSP)
- Aerospace and Defense
- Medical Equipment
- Automotive
- Video and Image Processing



Related Products



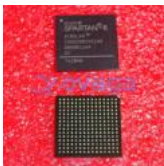
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



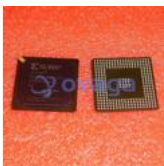
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AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



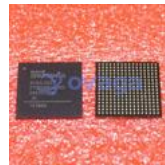
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



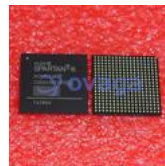
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AMD Xilinx, Inc
TSOP-48



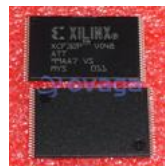
[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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TSOP48