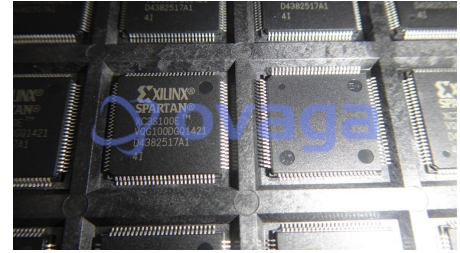


100K Gates 2160 Cells 572MHz 90nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	100-TQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S100E-4VQG100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S100E-4VQG100I is a Field-Programmable Gate Array (FPGA) device manufactured by Xilinx. Here is some information about its features and applications:

Features

- 100,000 system gates (equivalent to about 5,000 logic cells)
- 3.3V power supply
- 100-pin Very Thin Quad Flat Pack (VQFP) package
- 4 input/output banks with 54 user I/Os
- 4 Digital Clock Managers (DCMs)
- 352 Kbits of block RAM
- 4 Phase Locked Loops (PLLs)

Application

- Industrial control systems
- Medical imaging equipment
- Data acquisition systems
- Aerospace and defense systems
- High-performance computing



Related Products



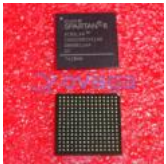
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AMD Xilinx, Inc
SOP-20



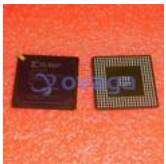
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AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



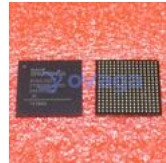
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[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