

FPGA Spartan®-3 Family 1M Gates 17280 Cells 630MHz 90nm Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	FBGA-676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1000-4FGG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1000-4FGG676C is a part number for a Field Programmable Gate Array (FPGA) device manufactured by Xilinx, which is a programmable logic device that allows users to configure it for various digital circuits and applications.

Features

- 1000K System Gates
- 2400 Logic Cells
- 256Kbits Distributed RAM
- 20 Multipliers (18x18)
- 4 Digital Clock Managers (DCMs)
- 456 User I/Os
- 4 speed grade
- 1.2V core voltage, 2.5V/3.3V auxiliary voltages
- 676-pin Fine-Pitch Ball-Grid Array (FBGA) package

Application

- Digital signal processing
- Communications systems
- High-speed networking equipment
- Industrial control systems
- Consumer electronics
- Medical equipment
- Aerospace and defense

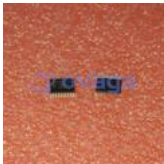


Related Products



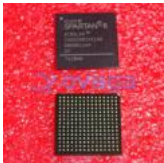
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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BGA-225



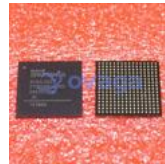
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