

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

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1000-4FG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S1000-4FG676C is an FPGA (Field Programmable Gate Array) manufactured by Xilinx.

### Features

- It has 1,016 user I/O pins
- 1 Mb of fast block RAM
- 36 Kb of distributed RAM
- 1,008 Kb of total RAM
- 356 slices, each containing four 6-input LUTs and eight flip-flops
- 2 Digital Clock Managers (DCMs)
- 8 Digital Signal Processing (DSP) blocks
- Maximum operating frequency of 250 MHz

### Application

- Aerospace and defense
- Automotive
- Broadcast
- Consumer
- High-performance computing
- Industrial
- Medical
- Scientific



## Related Products



### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

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### [XCV50-6BG256C](#)

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### [XC6SLX25-3FTG256C](#)

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### [XC6SLX16-3CSG324C](#)

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### [XCF32PVO48C](#)

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