

100000 SYSTEM GATE 1.8V FPGA - NOT RECOMMENDED for NEW DESIGN

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	144-TQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S100E-6TQG144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC2S100E-6TQG144C is a field-programmable gate array (FPGA) device manufactured by Xilinx. Here are some of its features:

### Features

It has 100,000 system gates and 3,456 logic cells.

It has 12,288 bits of block RAM, which can be configured as single-port or dual-port RAM.

It has 216 kilobits of distributed RAM, which can be used as shift registers, LUT-based RAM, or content-addressable memory.

It has 172 user I/Os and supports various I/O standards, such as LVCMOS, LVTTTL, HSTL, and SSTL.

It operates with a supply voltage of 1.5V or 1.8V.

### Application

Digital signal processing (DSP)

Communications

Automotive

Industrial control

Medical equipment

Video and image processing

Aerospace and defense

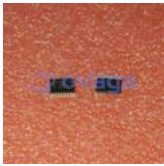


## Related Products



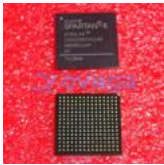
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



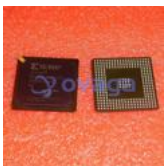
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### [XC6SLX4-2CSG225C](#)

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BGA-225



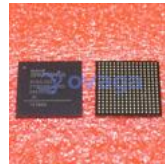
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BGA256



### [XCF08PV0G48C](#)

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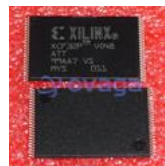
### [XC6SLX25-3FTG256C](#)

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BGA-256



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

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BGA-324



### [XCF32PVO48C](#)

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