

100000 SYSTEM GATE 2.5 VOLT LOGIC CELL A - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S100-5FGG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

XC2S100-5FGG256C is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading provider of programmable logic devices. It belongs to the Spartan-II family of FPGAs and is a member of the XC2S100 series.

Features

It has a maximum of 98 user I/O pins and supports various I/O standards such as LVTTTL, LVCMOS, PCI, LVDS, and HSTL.

It has a total of 6,144 logic cells that can be configured as either combinational or registered outputs.

It has 288 Kbits of block RAM with dual-port capability.

It supports configuration via the JTAG interface or a bitstream loaded from an external memory device.

It operates at a maximum frequency of 149.6 MHz.

Application

XC2S100-5TQ144C

XC2S100-5PQG208C

XC2S100-5FTG256C

XC2S100-5FG256C-TQ144C

XC2S100-5FG256C-PQG208C



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



[XCV50-6BG256C](#)

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BGA256



[XCF08PV0G48C](#)

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TSOP-48



[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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