

50000 SYSTEM GATE 2.5 VOLT LOGIC CELL AR - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	TQFP-144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S50-5TQG144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S50-5TQG144I is a part number for a field-programmable gate array (FPGA) produced by Xilinx.

Features

The XC2S50-5TQG144I has 50,000 system gates and 1,152 logic cells.

It has 144 pins and operates at a maximum frequency of 167 MHz.

It has a 5V tolerant input buffer and a 3.3V output buffer.

It supports JTAG programming.

Application

The XC2S50-5TQG144I FPGA can be used in a wide range of applications, including telecommunications, networking, industrial control, and automotive systems.

It is often used for signal processing, digital signal processing, and high-speed data transfer.



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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