

30000 SYSTEM GATE 2.5 VOLT LOGIC CELL AR - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	TQFP144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S30-6TQ144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S30-6TQ144C is an electronic component that belongs to the XC2S family of field-programmable gate arrays (FPGAs) manufactured by Xilinx, a leading semiconductor company.

Features

- It has 30,000 logic cells, which can be programmed to implement a wide range of digital logic functions.
- It has 288 I/O pins, which can be used to interface with other electronic components or devices.
- It has a maximum operating frequency of 166 MHz.
- It has 1.5 Mb of block RAM and 84 Kb of distributed RAM.
- It supports various configuration modes, including Master Serial, Slave Serial, SelectMAP, and JTAG.

Application

- Industrial control systems
- Communications equipment
- Video and audio processing equipment
- Medical imaging equipment
- Test and measurement equipment
- Automotive systems



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