

# XC2S30-6TQ144C

Data Sheet

## 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	
Lifecvcle	



Images are for reference only

Please submit RFQ for XC2S30-6TQ144C or <u>Email to us: sales@ovaga.com</u> We will contact you in 12 hours.

## **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

## Application

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

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<b>XXÍLINX*</b> <b>SPARTAN*</b> XC2S30 <sup>19</sup> T0144AMS0821 A3600718A 60	X1LINX°     X1LINX°       SPARTAN°     SPARTAN°       X22530 <sup>11</sup> X2530 <sup>11</sup> T01444AMS0821     T01444AMS0821       T0144AMS0821     T0144AMS0821       Col     T0144AMS0821

#### **Related Products**



XC18V01S020C AMD Xilinx, Inc SOP-20



AMD Xilinx, Inc TSSOP20

XCF04SV0G20C



XC6SLX4-2CSG225C AMD Xilinx, Inc



XCV50-6BG256C

BGA-225

AMD Xilinx, Inc BGA256



AMD Xilinx, Inc TSOP-48

XCF08PV0G48C

#### XC6SLX25-3FTG256C

AMD Xilinx, Inc BGA-256

#### XC6SLX16-3CSG324C

AMD Xilinx, Inc BGA-324



TSOP48



AMD Xilinx, Inc