

250K Gates 5508 Cells 572MHz 90nm (CMOS) Technology 1.2V

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



Images are for reference only

Please submit RFQ for XC3S250E-4TQG144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S250E-4TQG144C is a field-programmable gate array (FPGA) device manufactured by Xilinx.

Features

It has a capacity of 250,000 system gates (logic cells) and 5120 logic slices, which can be used to implement complex digital circuits.

It has 36 Block RAMs with a total capacity of 1.3 Mb, which can be used as large memory arrays or FIFO buffers.

It has 256 configurable I/O pins, which can be used to interface with other digital devices or to drive external loads.

It supports various communication protocols, such as SPI, I2C, and UART, which can be used to exchange data with other devices.

It has a built-in JTAG interface, which can be used for device programming and debugging.

Application

XC3S250E-4TQG144C can be used in various digital applications that require high-performance and flexibility. For example, it can be used in telecommunications equipment, video processing systems, industrial control systems, and automotive electronics.

It can also be used in research and development projects to prototype and test digital circuits before they are implemented in ASICs.

