Spartan and Spartan-XL Families Field Programmable Gate Arrays

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

Images are for reference only

Please submit RFQ for XCS10-3TQ144C or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XCS10-3TQ144C is a part number for a field-programmable gate array (FPGA) from the Xilinx Spartan-3 family.

Features

The XCS10-3TQ144C has a total of 10,160 logic cells and 240Kbits of block RAM.

It has 316 user I/O pins and supports a variety of I/O standards such as LVCMOS, LVTTL, HSTL, SSTL, and LVDS.

The FPGA operates on a 1.2V core voltage and can operate at clock frequencies up to 250 MHz.

It also has built-in features such as digital clock managers, phase-locked loops, and block RAM with built-in FIFO support.

Application

Digital signal processing (DSP)

Image and video processing

Networking and communications

Industrial control and automation

Aerospace and defense

Related Products

XC18V01S020C

AMD Xilinx, Inc

SOP-20

XCF08PV0G48C

AMD Xilinx, Inc

TSOP-48

XCF04SV0G20C

AMD Xilinx, Inc

TSSOP20
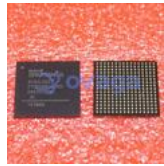
XC6SLX25-3FTG256C

AMD Xilinx, Inc

BGA-256

XC6SLX4-2CSG225C

AMD Xilinx, Inc

BGA-225
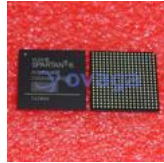
XC6SLX16-3CSG324C

AMD Xilinx, Inc

BGA-324

XCV50-6BG256C

AMD Xilinx, Inc

BGA256

XCF32PVO48C

AMD Xilinx, Inc

TSOP48