XC2S300E-6FGG456C

Data Sheet

300,000 SYSTEM GATE 1.8V FPGA - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-456
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for XC2S300E-6FGG456C or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC2S300E-6FGG456C is a product code for a specific model of field-programmable gate array (FPGA) chip manufactured by Xilinx, which is a leading provider of programmable logic solutions.

Features

The XC2S300E-6FGG456C is a Spartan-II family FPGA chip, which has a capacity of 300,000 system gates.

It operates at a maximum clock frequency of 183 MHz.

The device uses a 1.8V core voltage, and has 456 pins in a Fine-Pitch Ball Grid Array (FBGA) package.

The XC2S300E-6FGG456C offers a variety of features, including a built-in Digital Clock Manager (DCM), Select I/O technology, and a range of configuration options.

Application

The XC2S300E-6FGG456C can be used in a variety of applications, including digital signal processing, telecommunications, and industrial automation.

It is commonly used in the design of embedded systems, especially in situations where performance and flexibility are important.

Related Products

XC18V01S020C

AMD Xilinx, Inc

SOP-20

XCF08PV0G48C

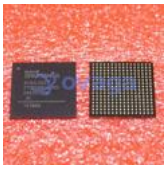
AMD Xilinx, Inc

TSOP-48

XCF04SV0G20C

AMD Xilinx, Inc

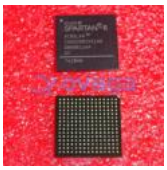
TSSOP20



XC6SLX25-3FTG256C

AMD Xilinx, Inc

BGA-256



XC6SLX4-2CSG225C

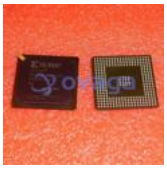
AMD Xilinx, Inc

BGA-225

XC6SLX16-3CSG324C

AMD Xilinx, Inc

BGA-324



XCV50-6BG256C

AMD Xilinx, Inc

BGA256

XCF32PVO48C

AMD Xilinx, Inc

TSOP48