Ovaga

FPGA Virtex®-6 SXT Family 314880 Cells 40nm (CMOS) Technology 1V

Manufacturers	AMD Xilinx, Inc
Package/Case	FCBGA-1156
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for XC6VSX315T-1FFG1156I or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC6VSX315T-1FFG1156I is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx, which is a high-performance, programmable logic device used in a wide range of electronic applications.

Features

It has a large number of programmable logic cells, which can be configured to implement complex digital circuits.

It also includes built-in memory blocks, high-speed serial transceivers, and other digital signal processing (DSP) resources.

XC6VSX315T-1FFG1156I operates on a 1.0V core voltage, with a maximum operating frequency of 550MHz.

It has 315,000 logic cells, 12.8Mb of Block RAM, and 360 DSP slices, making it suitable for high-end applications that require high performance and flexibility.

Application

XC6VSX315T-1FFG1156I can be used in a wide range of applications, including high-performance computing, telecommunications, aerospace, and defense, among others.

Its high-speed serial transceivers make it suitable for applications that require high-speed data transmission over long distances, such as data center networking and wireless communication.

Its large logic capacity and built-in DSP resources make it ideal for implementing complex digital signal processing algorithms used in video and image processing, radar systems, and other applications.
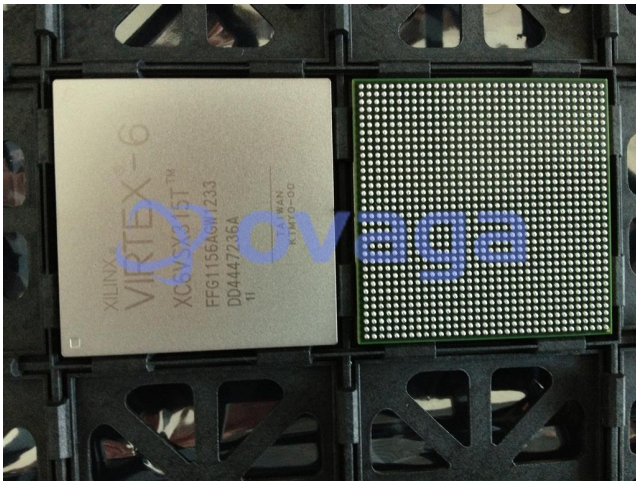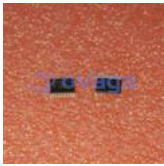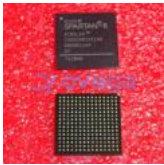
Related Products

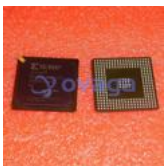[XC18V01S020C](#)

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SOP-20

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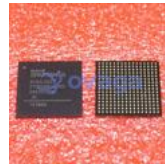TSSOP20

[XC6SLX25-3FTG256C](#)

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BGA-256

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BGA256
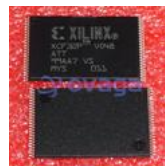
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TSOP48

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