

Spartan and Spartan-XL Families Field Programmable Gate Arrays FPGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	100-TQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCS20-3VQ100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

XCS20-3VQ100C is a field-programmable gate array (FPGA) device manufactured by Xilinx. Here are some of its features:

### Features

It belongs to the Spartan-3A family of Xilinx FPGAs.

It has 20,000 logic cells and 864 kilobits of RAM.

It has 58 I/O pins and can operate at a maximum frequency of 200 MHz.

It is a 3.3V device and comes in a 100-pin quad flat package (QFP).

### Application

Digital signal processing (DSP)

Communication systems

Industrial automation

Video and image processing

Robotics

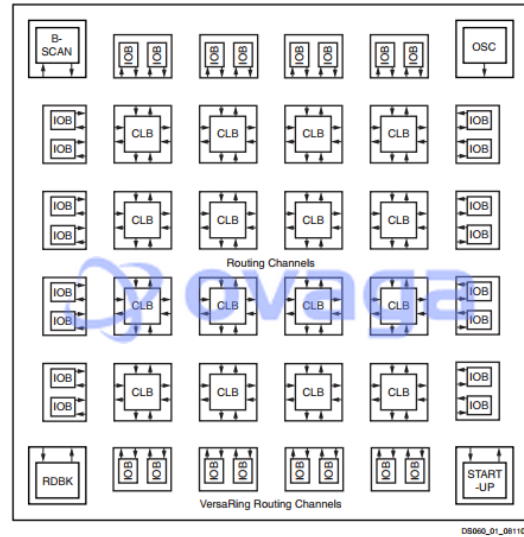


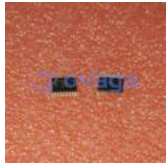
Figure 1: Basic FPGA Block Diagram

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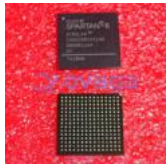
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SOP-20



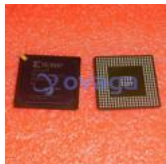
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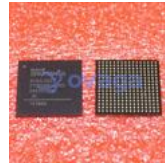
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