

Female H4 Cable Connector For 2, 5mm² Dual Certifi

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|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | QFP208 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XCS30XL-4PQ208C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCS30XL-4PQ208C is a field-programmable gate array (FPGA) developed by Xilinx, which is a leading provider of programmable logic solutions. Here are some of its features:

Features

It has a total of 29,440 logic cells, which can be used to implement various digital circuits.

It has 36 dedicated 18x18 multipliers, which can perform complex arithmetic operations with high precision and speed.

It has 768 kilobits of block RAM, which can be used to store data and configuration information.

It supports various I/O standards, including LVCMOS, LVTTTL, HSTL, SSTL, LVDS, and RSDS.

It can operate at a maximum clock frequency of 200 MHz

Application

Digital signal processing (DSP) algorithms for audio, video, and image processing

Communications systems, such as wireless base stations, routers, and switches

Industrial control systems, such as motor control and robotics

Aerospace and defense systems, such as radar and communication systems

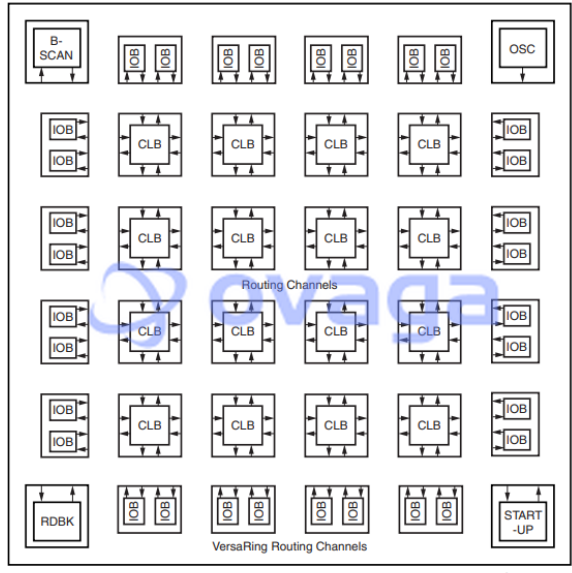


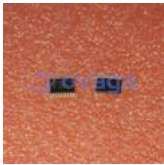
Figure 1: Basic FPGA Block Diagram

Related Products



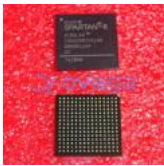
[XC18V01S020C](#)

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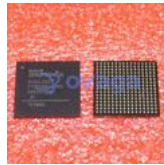
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