

Field Programmable Gate Array, 5831 CLBs, 667MHz, 74637-Cell, CMOS, PBGA676, 27 X 27MM, 1MM PITCH, LEAD FREE, FBGA-676

Manufacturers	AMD Xilinx, Inc
Package/Case	SPARTAN-6
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX75-2FGG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX75-2FGG676C is a specific model of field-programmable gate array (FPGA) manufactured by Xilinx. Here are some of its features:

Features

It has 75,360 logic cells, which can be programmed to perform a wide range of digital functions.

It has 2.5 Mb of block RAM, which can be used to store data.

It has 120 DSP slices, which can be used to perform digital signal processing operations.

It has up to 400 I/O pins, which can be used to communicate with other devices.

Application

Video processing: The FPGA's DSP slices can be used to perform real-time video processing operations, such as image filtering, color correction, and video compression.

Communications: The FPGA's high-speed I/O pins can be used to implement communication interfaces, such as Ethernet, USB, and PCI Express.

Industrial control: The FPGA's programmability and high-performance capabilities make it well-suited for industrial control applications, such as motor control, motion control, and process control.



Related Products



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