

FPGA Spartan®-6 LX Family 74637 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-484
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX75-2CSG484C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX75-2CSG484C is a model number of a field-programmable gate array (FPGA) chip manufactured by Xilinx Inc.

Features

- It has a total of 75,840 logic cells.
- It operates at a maximum frequency of 400 MHz.
- It has 4 built-in memory blocks, each block containing 18 kilobits of random access memory (RAM).
- It has 4 built-in digital signal processing (DSP) slices, which can perform complex arithmetic operations.
- It has a wide range of input/output (I/O) pins, with a total of 316 I/O pins.
- It is built using 45nm process technology, which results in low power consumption and high performance.

Application

- Digital signal processing
- Embedded processing
- Industrial automation
- Aerospace and defense
- Video and image processing
- Communication systems

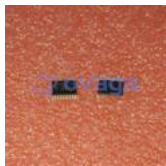


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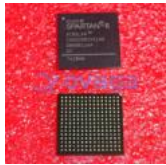
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SOP-20



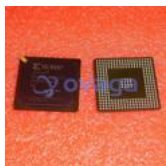
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