

Field Programmable Gate Array, 5831 CLBs, 862MHz, 74637-Cell, CMOS, PBGA676, 27 X 27MM, 1MM PITCH, LEAD FREE, FBGA-676

Manufacturers	AMD Xilinx, Inc
Package/Case	FBGA676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX75T-3FGG676I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX75T-3FGG676I is a field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable logic device used for digital circuits design and prototyping.

Features

- It has 75,000 logic cells, which can be configured to implement a wide range of digital circuits.
- It has 1,152 kilobits of on-chip memory.
- It supports up to 356 user I/O pins for interfacing with other components.
- It has various clock management features such as phase-locked loops (PLLs), delay-locked loops (DLLs), and digital clock managers (DCMs) to help manage clock signals.
- It can operate at a maximum frequency of 550 MHz.
- It is manufactured using a 45-nanometer process technology.

Application

- XC6SLX75T-3FGG676I is widely used in digital circuit design, prototyping, and testing.
- It is used in a wide range of applications such as wireless communication, networking, high-performance computing, video processing, and control systems.



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