

FPGA Spartan®-6 LXT Family 147443 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX150T-3FGG676I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC6SLX150T-3FGG676I is a part number for a Field Programmable Gate Array (FPGA) manufactured by Xilinx Inc. It belongs to the Spartan-6 family of FPGAs and is a high-end device with 147,443 logic cells and 6.6 Mb of RAM.

### Features

- 147,443 logic cells
- 6.6 Mb of RAM
- 360 DSP slices
- 500 MHz maximum operating frequency
- 12-bit analog-to-digital converters (ADCs) and digital-to-analog converters (DACs)
- Support for various communication interfaces, such as Gigabit Ethernet, USB, and PCIe

### Application

- Aerospace and defense
- Automotive
- Industrial automation
- Medical equipment
- Telecommunications
- Video and imaging

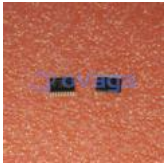


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SOP-20



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