

Spartan-6 LX Family 147443 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA484
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX150-2CSG484I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX150-2CSG484I is a field-programmable gate array (FPGA) from the Spartan-6 family of FPGAs produced by Xilinx, a leading manufacturer of programmable logic devices.

Features

- 147,433 logic cells
- 4,380 Kbits of block RAM
- 360 DSP slices
- 6-phase digital clock management (DCM) blocks
- Up to 622 Mbps DDR2 and 1.6 Gbps low-voltage differential signaling (LVDS) performance
- 150,000 system gates
- Configurable I/O standards (e.g., LVDS, SSTL, HSTL, etc.)
- 484-pin fine-pitch ball grid array (FBGA) package

Application

- Wireless and wired communication systems
- Industrial automation and control systems
- Video and image processing
- Aerospace and defense systems
- High-performance computing



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA256



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[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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