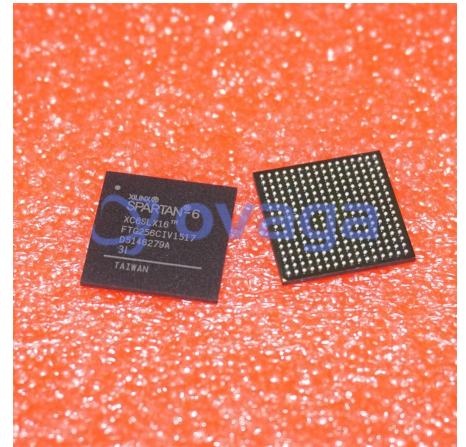


FPGA Spartan®-6 LX Family 14579 Cells 45nm (CMOS) Technology 1.2V 256Pin FTBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX16-3FTG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

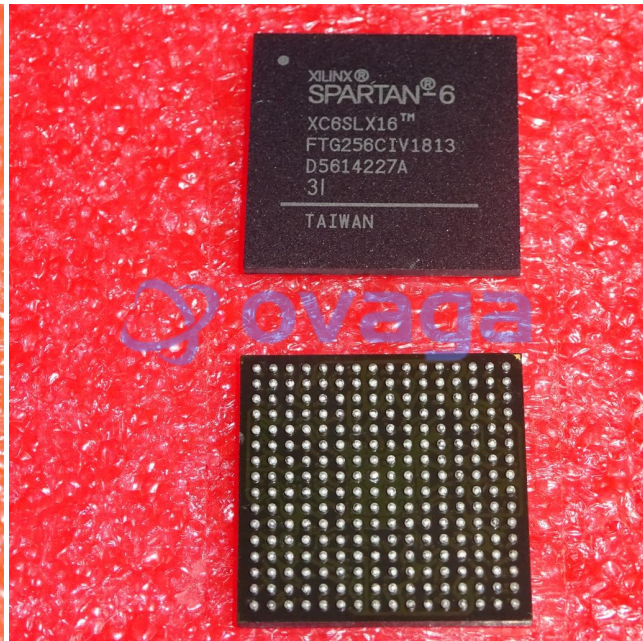
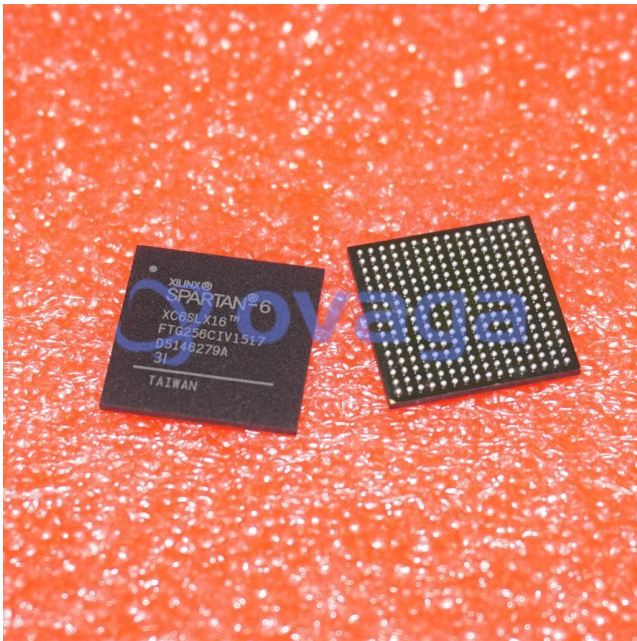
XC6SLX16-3FTG256I is an integrated circuit, specifically a field-programmable gate array (FPGA) manufactured by Xilinx.

### Features

- Logic Cells: 1472
- Flip-Flops: 2944
- Block RAM: 216 Kb
- DSP Slices: 20
- Maximum I/O pins: 213
- Maximum operating frequency: 250 MHz
- 1.2V core voltage
- 3.3V auxiliary voltage
- 256-pin Fine-Pitch Ball-Grid Array (FBGA) package

### Application

- Video and image processing
- High-speed communication systems
- Industrial automation
- Aerospace and defense
- Medical equipment
- Test and measurement equipment
- Automotive systems



## Related Products



### [XCF18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



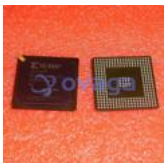
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



### [XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



### [XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



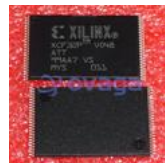
### [XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



### [XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



### [XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48