

FPGA Spartan?-6 LX Family 14579 Cells 45nm Technology 1.2V 256-Pin FTBGA

Manufacturers

[AMD Xilinx, Inc](#)

Package/Case

FTBGA -256

Product Type

Programmable Logic ICs

RoHS

Lifecycle

Images are for reference only

Please submit RFQ for XC6SLX16-3FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC6SLX16-3FTG256C is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx. Here are some of its features:

### Features

Logic Cells: 14,579

Block RAM: 576 Kb

Digital Signal Processing (DSP) Slices: 20

Clock Management Tiles (CMTs): 4

Maximum User I/Os: 114

Operating Voltage: 1.2V

Maximum Operating Frequency: 250 MHz

### Application

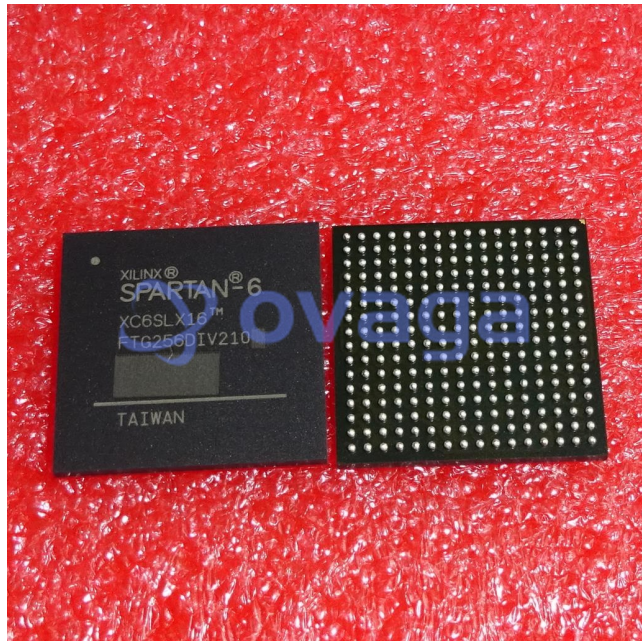
Communications and networking

Aerospace and defense

Industrial automation

Video and image processing

High-performance computing



## Related Products



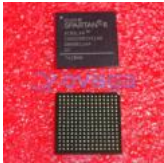
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



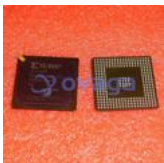
### [XCF04SV0G20C](#)

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TSSOP20



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

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BGA-225



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

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BGA256



### [XCF08PV0G48C](#)

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TSOP-48



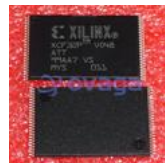
### [XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



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

AMD Xilinx, Inc  
BGA-324



### [XCF32PVO48C](#)

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TSOP48