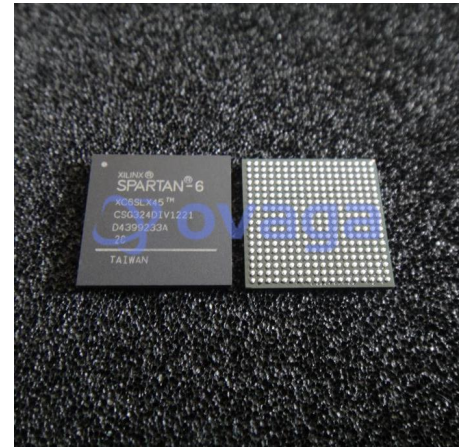


Spartan-6 LX Family 43661 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-324
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX45-2CSG324C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

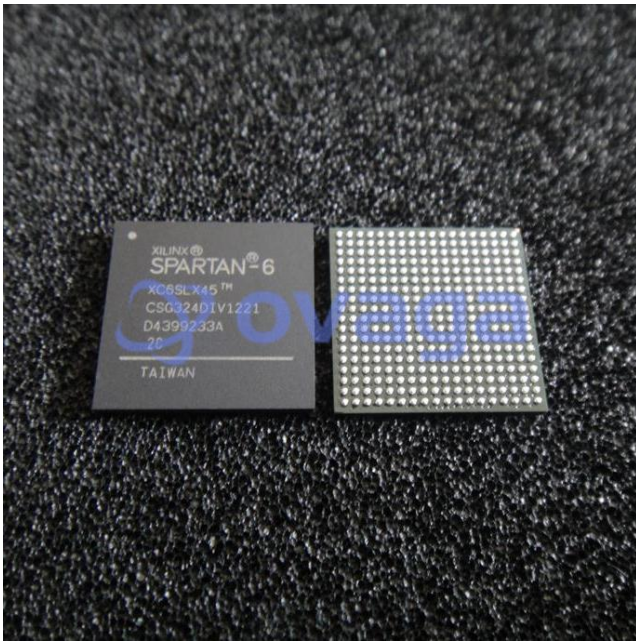
XC6SLX45-2CSG324C is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading supplier of programmable logic devices. Here are some of its key features:

Features

- Logic cells: 43,661
- Block RAM: 1,176 Kb
- DSP slices: 180
- Maximum number of user I/Os: 324
- Maximum user I/Os with built-in termination: 202
- Speed grade: -2 (meaning a maximum frequency of 400 MHz)

Application

- High-performance digital signal processing (DSP) systems
- Video processing and encoding
- High-speed data acquisition and processing
- Network processing and packet filtering
- Embedded processor systems



Related Products



[XC18V01S020C](#)

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