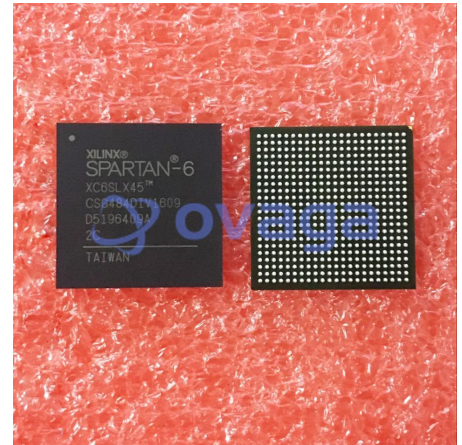


FPGA Spartan®-6 LX Family 43661 Cells 45nm (CMOS) Technology 1.2V 484Pin CSBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-484
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX45-2CSG484C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

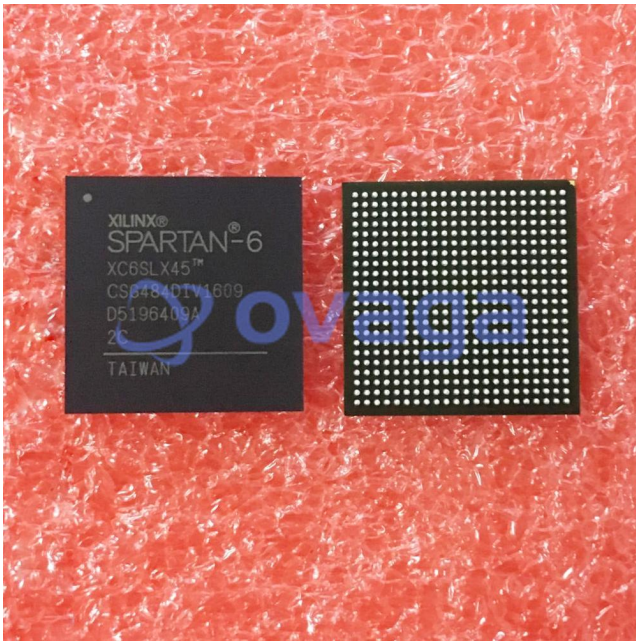
XC6SLX45-2CSG484C is a product from Xilinx Inc., which is a field-programmable gate array (FPGA) device. It is a member of the Spartan-6 family of FPGAs and comes in a 484-ball chip-scale package.

## Features

- Contains 43,661 logic cells
- Offers up to 1,152 Kbits of block RAM and 36 DSP slices
- Supports up to 622 Mbps data transfer rate through high-speed serial transceivers
- Supports various I/O standards such as LVCMOS, LVTTTL, HSTL, and SSTL
- Offers low-power operation with the ability to dynamically change power modes

## Application

- Communications:** The device's high-speed transceivers and low-power operation make it suitable for applications in wireless and wired communication systems.
- Industrial automation:** The FPGA can be used to control and monitor industrial machinery and equipment.
- Consumer electronics:** The device can be used in various consumer electronics products such as digital cameras, set-top boxes, and gaming consoles.
- Medical equipment:** The FPGA can be used in medical devices such as ultrasound machines and patient monitoring 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