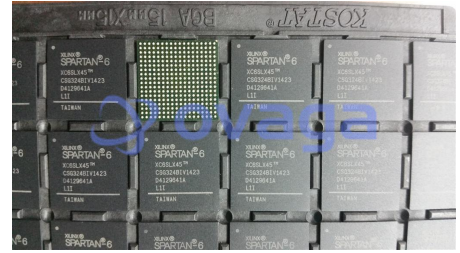


FPGA Spartan -6 LX Family 43661 Cells 45nm Technology 1V 324Pin CSBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	324-LFBGA, CSPBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX45-L1CSG324I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC6SLX45-L1CSG324I is a field-programmable gate array (FPGA) device manufactured by Xilinx. It belongs to the Spartan-6 family of FPGAs and comes in a 324-pin package. Here are some of its features:

### Features

Logic cells: 43,661

Block RAM: 1,620 Kb

DSP slices: 180

Maximum frequency: 400 MHz

Operating voltage: 1.2V

### Application

Communications: wireless infrastructure, baseband processing, and wired communication systems.

Automotive: advanced driver assistance systems (ADAS), infotainment systems, and automotive networking.

Industrial: motor control, control systems, and test and measurement systems.

Aerospace and defense: radar processing, electronic warfare, and avionics.

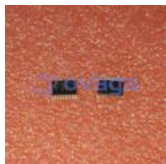


## Related Products



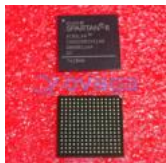
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



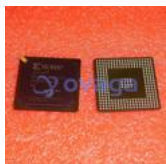
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



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

AMD Xilinx, Inc  
BGA-225



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

AMD Xilinx, Inc  
BGA256



### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



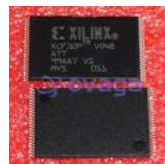
### [XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



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

AMD Xilinx, Inc  
BGA-324



### [XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48