

FPGA Spartan®-6 Family 43661 Cells 45nm (CMOS) Technology 1.2V 324Pin CSBGA

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



Images are for reference only

Please submit RFQ for XC6SLX45-3CSG324C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX45-3CSG324C is an FPGA (Field-Programmable Gate Array) device from the Xilinx Spartan-6 family.

Features

- It has 45,408 logic cells and 1,620 Kbits of block RAM
- It operates with a maximum frequency of 400 MHz
- It has a total of 456 I/O pins and 8 GTP transceivers
- It supports a wide range of interfaces such as PCI Express, DDR2, DDR3, and Gigabit Ethernet
- It has a built-in JTAG programming interface for configuration and debugging
- It operates with a 1.2V core voltage and supports various power-saving modes.

Application

- High-performance signal processing
- Embedded processing and control systems
- Communication systems and networking equipment
- Industrial automation and control systems
- Video and image processing



Related Products



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