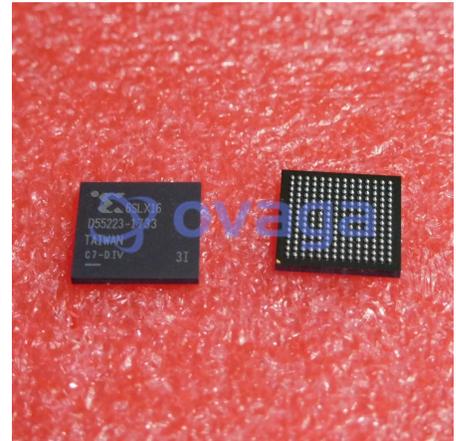


FPGA Spartan®-6 LX Family 14579 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	CSBGA196
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX16-3CPG196I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX16-3CPG196I is an FPGA (Field-Programmable Gate Array) device from the Xilinx Spartan-6 family. It is a member of the XC6SLX16 family, with a speed grade of -3 and a package type of CPG196. The "I" at the end of the part number indicates that it is RoHS compliant.

Features

- Logic cells: 14,579
- Block RAM: 576 KB
- DSP slices: 24
- Maximum user I/Os: 150
- Maximum differential pairs: 56
- Maximum single-ended I/Os: 100
- Clock management tiles: 4

Application

- Industrial control systems
- Video processing
- Automotive systems
- Aerospace and defense applications
- Communications systems

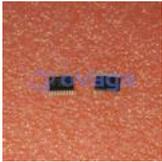


Related Products



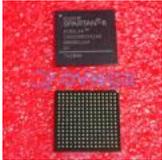
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



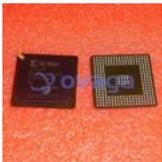
[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



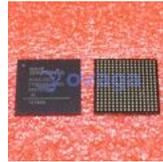
[XCV50-6BG256C](#)

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