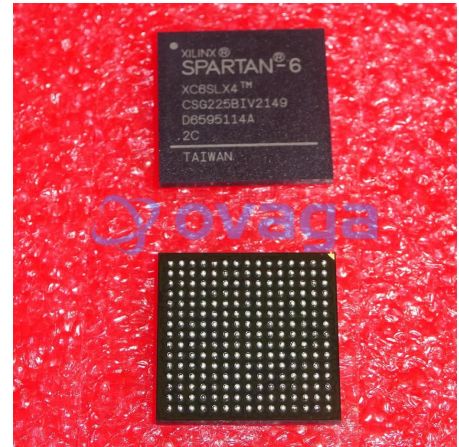


FPGA Spartan-6 LX Family 3840 Cells 45nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-225
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX4-2CSG225C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6SLX4-2CSG225C is a Field Programmable Gate Array (FPGA) manufactured by Xilinx, which belongs to the Spartan-6 family.

Features

4,160 Logic Cells: The FPGA contains 4,160 logic cells that can be configured to perform a wide range of digital functions.

140 User I/Os: The FPGA has 140 user I/Os, which can be used to interface with other digital devices.

1.2V core voltage: The FPGA has a low core voltage of 1.2V, which reduces power consumption and heat dissipation.

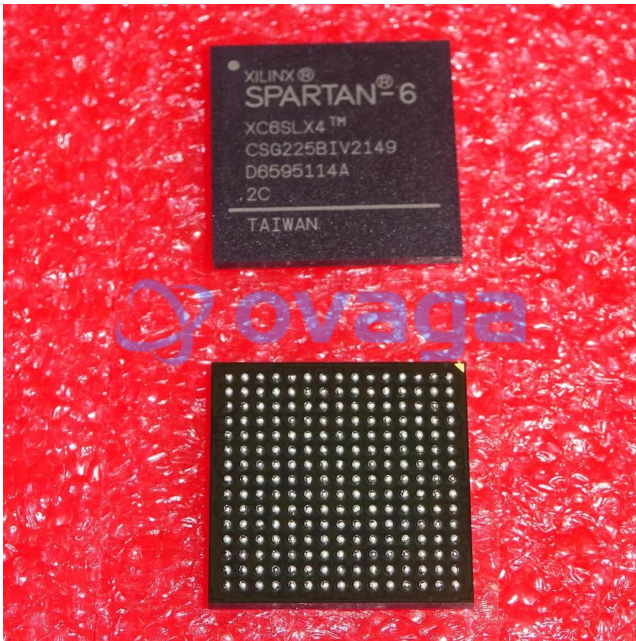
225-pin ceramic grid array (CGA) package: The FPGA comes in a 225-pin ceramic grid array package, which provides a high-density interconnect solution.

Application

Communication systems: The FPGA can be used in communication systems to perform functions such as data encoding, decoding, and modulation.

Industrial control systems: The FPGA can be used in industrial control systems to control and monitor manufacturing processes.

Video processing: The FPGA can be used in video processing applications to perform functions such as image compression, decompression, and scaling.



Related Products



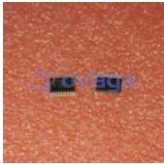
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



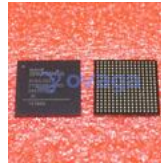
[XCF08PV0G48C](#)

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TSSOP20



[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF32PVO48C](#)

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TSOP48



[XCF32PV048C](#)

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