

FPGA Virtex®-5 LX Family 46080 Cells 65nm (CMOS) Technology 1V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-1153
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5VLX50-2FFG1153C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC5VLX50-2FFG1153C is a Field-Programmable Gate Array (FPGA) from Xilinx. Here are some details about its features and applications:

Features

- Logic Cells: 49,152
- Memory: 1,152 Kbit
- Digital Clock Manager (DCM) Blocks: 4
- Maximum Frequency: 600 MHz
- I/O Pins: 576
- Operating Voltage: 1.2V
- Package: FF1153 (1152-pin flip-chip BGA)

Application

- Digital Signal Processing (DSP)
- Image Processing
- Video Processing
- Network Processing
- High-Speed Serial Interfaces
- Industrial Control 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