

## XC5VLX50T-1FF1136C - NEW PRODUCT

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA1136
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5VLX50T-1FF1136C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC5VLX50T-1FF1136C is a part number for a field-programmable gate array (FPGA) manufactured by Xilinx, a leading provider of programmable logic solutions. This FPGA is based on the Virtex-5 LX family of devices and is designed to provide high-performance processing for a wide range of applications.

### Features

- 50,000 logic cells
- 1.0 ns clock-to-out performance
- 640 DSP slices
- 36 Mb block RAM
- 8 high-speed serial transceivers
- PCI Express interfaces
- Ethernet MAC blocks
- Integrated PowerPC 440 processor

### Application

- Aerospace and defense systems
- Communications equipment
- Industrial control systems
- Medical imaging and diagnostic equipment
- Scientific research and instrumentation
- Video and image processing systems

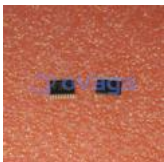


## Related Products



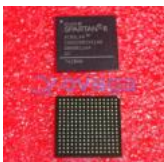
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AMD Xilinx, Inc  
SOP-20



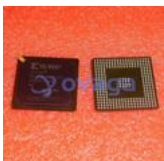
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



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

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BGA-225



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

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BGA256



### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



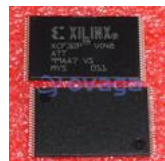
### [XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



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

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BGA-324



### [XCF32PVO48C](#)

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TSOP48