

FPGA Virtex®-5 LXT Family 65nm (CMOS) Technology 1V

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-1136
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5VLX155T-1FF1136C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC5VLX155T-1FF1136C is a field-programmable gate array (FPGA) manufactured by Xilinx, which is a leading provider of programmable logic solutions. The device belongs to the Virtex-5 family of FPGAs and is one of the high-end models in this family.

## Features

Contains 155,000 logic cells and can support up to 400 input/output (I/O) pins.

Supports high-speed serial connectivity standards such as PCI Express, Gigabit Ethernet, and Serial RapidIO.

Offers advanced digital signal processing (DSP) capabilities, including high-speed multiply-accumulate (MAC) operations.

Contains multiple on-chip memory resources, including block RAM and distributed RAM.

Provides built-in system-level features such as clock management, configuration management, and power management.

## Application

Used in a wide range of applications such as wired and wireless communication, high-performance computing, video and image processing, and industrial automation.

Commonly used in advanced driver assistance systems (ADAS), aerospace and defense, and medical imaging applications.



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