

FPGA Virtex®-6 Family 128000 Cells 40nm (CMOS) Technology 1V 1156Pin FCBGA

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-1156
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6VLX130T-3FFG1156C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC6VLX130T-3FFG1156C is a model number of a field-programmable gate array (FPGA) from the Virtex-6 family, manufactured by Xilinx. Here's what each part of the model number means:

Features

- XC6V: This indicates that it's part of the Virtex-6 family of FPGAs.
- LX130T: This indicates that it's a mid-range device with 130,000 logic cells and a high-speed serial transceiver.
- 3: This indicates the speed grade of the device, which is -3, meaning it can operate at a maximum frequency of 300 MHz.
- FFG1156C: This indicates the package type and pin count of the device.

Application

- 130,000 logic cells
- High-speed serial transceivers capable of up to 6.5 Gbps
- Up to 648 I/O pins
- Support for DDR2 and DDR3 memory interfaces
- Multiple power management features, including dynamic voltage and frequency scaling



Related Products



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