

Field Programmable Gate Array, 3600 CLBs, 1098MHz, 46080-Cell, CMOS, PBGA676, 27 X 27MM, LEAD FREE, FBGA-676

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5VLX50-1FFG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC5VLX50-1FFG676C is a part number for a Field-Programmable Gate Array (FPGA) manufactured by Xilinx, which belongs to the Virtex-5 family of FPGAs. The FPGA is designed to provide high-performance logic and signal processing capabilities, with a large number of configurable logic blocks, high-speed transceivers, and memory blocks.

Features

- Logic Cells: 54,816
- CLB Flip-Flops: 109,632
- Memory Blocks: 864 Kb
- DSP Slices: 180
- Clock Management Tiles: 4
- Transceiver Count: 8
- Transceiver Data Rate: Up to 3.2 Gb/s

Application

- Altera/Intel Cyclone V GT FPGA (5CGTFD9E5F35C7N)
- Lattice XP2-5 FPGA (XP2-5LG676C)
- Microsemi/Microchip SmartFusion2 SoC FPGA (M2S050T-FG676I)
- Actel/ Microsemi/Microchip ProASIC3 FPGA (A3P1000L-FG676I)

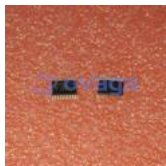


Related Products



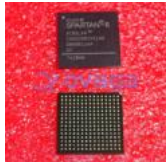
[XCF18V01S020C](#)

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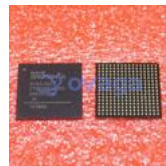
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