

FPGA Virtex-7 Family 1954560 Cells 28nm Technology 1V 1925-Pin FCBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-1925
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC7V2000T-1FLG1925C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC7V2000T-1FLG1925C is a high-end field-programmable gate array (FPGA) manufactured by Xilinx.

### Features

It has a capacity of 2 million logic cells and 68.5 Mb of internal memory

It supports up to 2000 user I/O pins and has 48 high-speed transceivers with data rates up to 12.5 Gbps

It has an on-chip temperature sensor, voltage regulators, and power-on-reset (POR) circuitry

It is built on a 28nm process technology and has a total power consumption of 66W.

### Application

The XC7V2000T-1FLG1925C FPGA is commonly used in high-performance computing, networking, and communication applications, such as high-speed switches, routers, and network interface cards (NICs).

It can also be used in applications that require high-speed signal processing, such as video processing, image recognition, and digital signal processing (DSP).

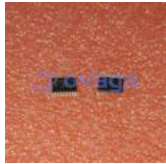


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AMD Xilinx, Inc  
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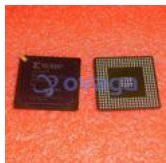
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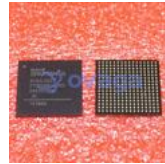
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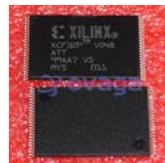
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