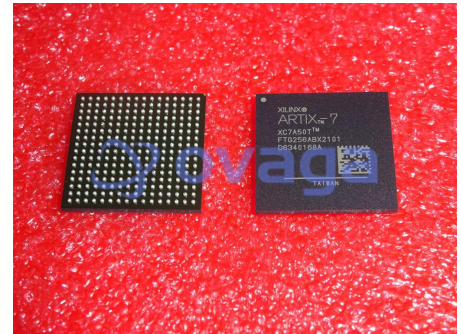


FPGA, Artix-7, MMCM, PLL, 150 I/O's, 628 MHz, 52160 Cells, 950 mV to 1.05 V, FTBGA-256

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC7A50T-2FTG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

XC7A50T-2FTG256I is a model number for a Field-Programmable Gate Array (FPGA) chip manufactured by Xilinx, a leading provider of programmable logic devices.

Features

The XC7A50T-2FTG256I is based on the Xilinx 7 series FPGA architecture, which uses 28nm technology.

It has 52,160 logic cells, 2.1 Mb of block RAM, 80 DSP slices, and a maximum clock frequency of 650 MHz.

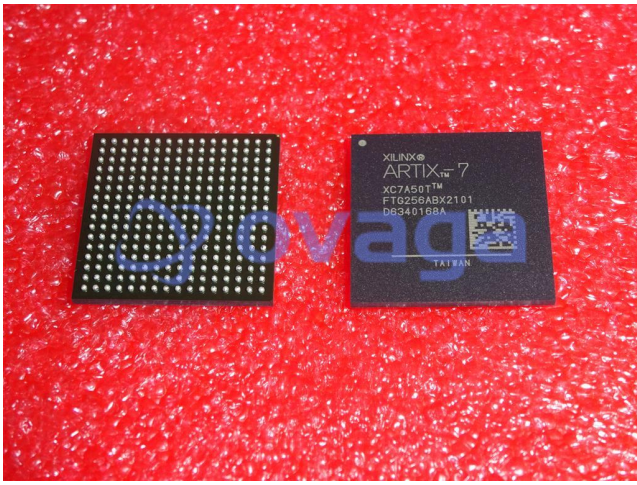
The chip has a 256-pin Fine-Pitch Ball Grid Array (FBGA) package, making it suitable for use in a variety of applications.

Application

The XC7A50T-2FTG256I FPGA can be used in a wide range of applications, including aerospace and defense, automotive, consumer electronics, industrial automation, medical devices, and telecommunications.

Its high-performance capabilities make it suitable for applications such as digital signal processing, image and video processing, and high-speed data communication.

The chip's programmable logic allows it to be customized for specific applications, providing flexibility and versatility to designers.



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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TSSOP20



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[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



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TSOP48