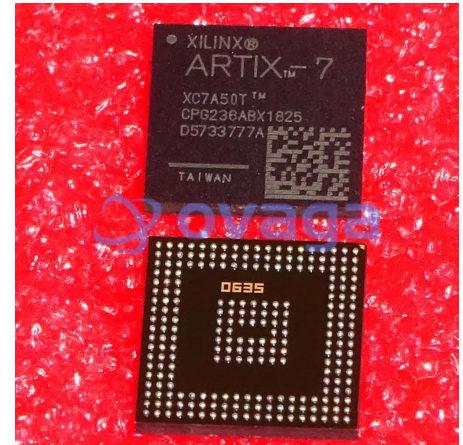


FPGA, Artix-7, MMCM, PLL, 150 I/O's, 464 MHz, 52160 Cells, 950 mV to 1.05 V, CSBGA-236

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA236
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC7A50T-1CPG236I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



## General Description

XC7A50T-1CPG236I is a product part number from Xilinx, which is a Field Programmable Gate Array (FPGA) device belonging to the Artix-7 family.

### Features

It has 52,160 logic cells and 1,800Kb block RAM.

The device operates at a maximum frequency of 450MHz and has 210 user I/Os.

It also has built-in DSP blocks, which are optimized for high-speed signal processing applications.

### Application

The XC7A50T-1CPG236I is used in a wide range of applications, including high-speed communication systems, industrial automation, aerospace and defense, automotive, and medical equipment.

It can be used in applications such as high-speed networking, image processing, digital signal processing, and control systems.



### Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)

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[XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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[XC6SLX16-3CSG324C](#)

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