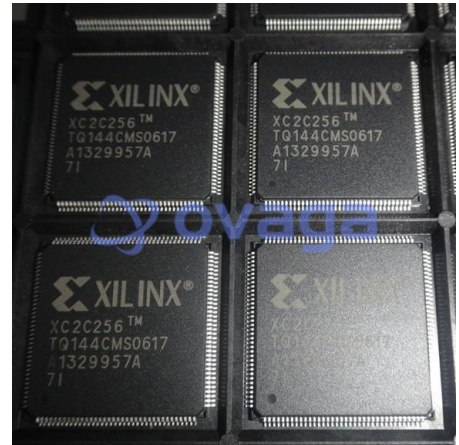


6K Gates 256 Macro Cells 152MHz 0.18um (CMOS) Technology 1.8V

Manufacturers	AMD Xilinx, Inc
Package/Case	144-LQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2C256-7TQ144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2C256-7TQ144I is a specific type of field-programmable gate array (FPGA) chip manufactured by Xilinx. Here is some information about its features and applications:

Features

The XC2C256-7TQ144I has a capacity of 256,000 system gates

It operates at a maximum frequency of 133MHz

It has 58 user I/O pins and 4 dedicated clock pins

It has 4,352 bits of Block RAM

It uses a 1.8V power supply

It comes in a 144-pin TQFP package

Application

The XC2C256-7TQ144I is often used in industrial automation, medical equipment, and other applications where real-time processing and programmability are important.

It is also used in various types of embedded systems, including automotive and aerospace applications.

The chip's ability to be reprogrammed makes it suitable for prototyping and development of custom digital circuits.



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF08PV0G48C](#)

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TSOP-48



[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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TSOP48