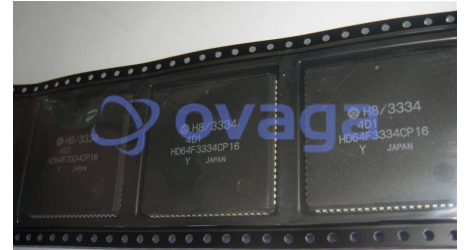


FPGA Spartan Family 10K Gates 466 Cells 166MHz 5V 144Pin TQFP FPGA Spartan Family 10K Gates 466 Cells 166MHz 5V 144-...

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCS10-4TQ144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCS10-4TQ144C is a field-programmable gate array (FPGA) from the Xilinx Spartan-10 family.

Features

It has 10,000 logic cells and 256 KB of embedded BlockRAM.

It has 396 user I/O pins and supports various communication protocols, such as UART, SPI, I2C, and Ethernet.

It has low power consumption and supports power-saving modes.

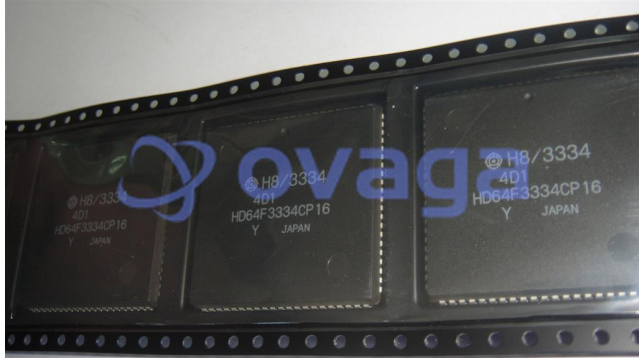
It can be programmed using Verilog, VHDL, or the Xilinx ISE/Vivado design tools.

Application

XCS10-4TQ144C can be used in various applications, such as industrial control, medical devices, automotive, and communication systems.

It can be used as a controller or processor in embedded systems and can be integrated with other components, such as sensors, ADCs, and DACs.

It can also be used for digital signal processing (DSP), image processing, and video processing applications.



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



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[XC6SLX16-3CSG324C](#)

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BGA-324



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