

Spartan and Spartan-XL Families Field Programmable Gate Arrays FPGA

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



Images are for reference only

Please submit RFQ for XCS20-3TQ144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

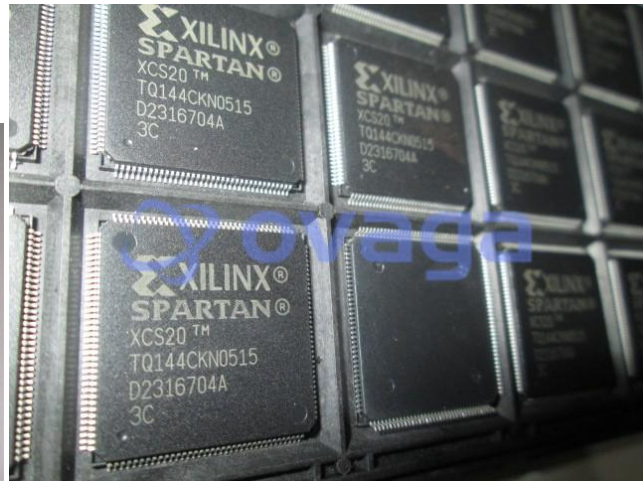
XCS20-3TQ144C is a type of Field Programmable Gate Array (FPGA) manufactured by Xilinx. Here are some of its features:

Features

- It has 20,160 logic cells (or configurable logic blocks).
- It has 648 kilobits of block RAM.
- It has 64 DSP slices, which can be used for signal processing applications.
- It has a maximum of 192 user I/O pins.
- It can operate at a maximum clock frequency of 450 MHz.
- It supports a variety of communication protocols, such as Ethernet, PCI Express, and USB.

Application

- Digital signal processing
- High-performance computing
- Industrial automation and control systems
- Networking and telecommunications equipment
- Aerospace and defense systems
- Medical imaging and diagnostic equipment

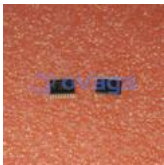


Related Products



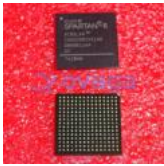
[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



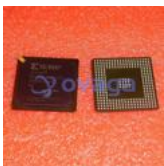
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TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



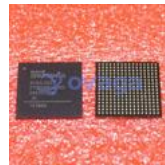
[XCV50-6BG256C](#)

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BGA256



[XCF08PV0G48C](#)

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