

IC CPLD 36MC 7.5NS 44VQFP

Manufacturers	AMD Xilinx, Inc
Package/Case	VQFP-44
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC9536-7VQ44I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC9536-7VQ44I is a type of field-programmable gate array (FPGA) produced by Xilinx, a leading manufacturer of programmable logic devices. Here are some features of this particular FPGA:

Features

Logic cells: 36,864

Max user I/Os: 84

Max user gates: 1,200

Max user flip-flops: 1,152

Max user memory: 36Kb

Operating voltage: 3.3V

Package type: VQFP (very thin quad flat package)

Speed grade: -7 (indicating a maximum operating frequency of 7ns)

Application

Digital signal processing

Control systems

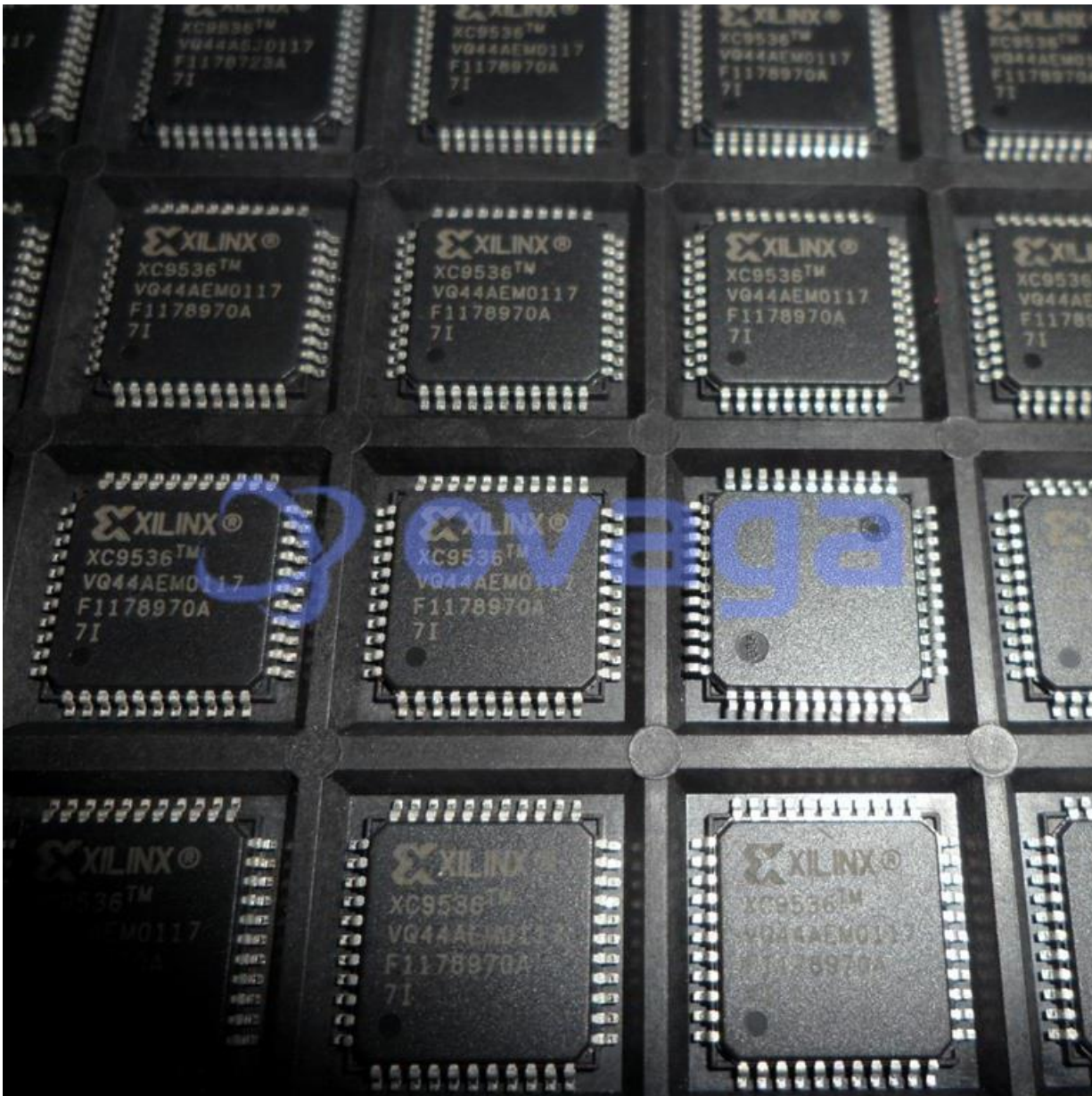
Communication systems

Industrial automation

Aerospace and defense

Test and measurement equipment



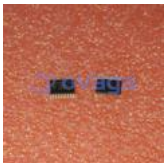


Related Products



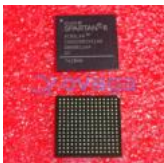
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



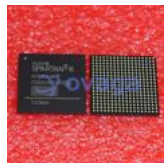
[XC9536™ VQ44AEM0117 F1178970A 7I](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



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BGA256



[XCF32PVO48C](#)

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TSOP48