

36000 GATE 3.3 VOLT LOGIC CELL ARRAY - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP208
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4036XLA-08HQ208I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC4036XLA-08HQ208I is a type of Field-Programmable Gate Array (FPGA) produced by Xilinx Inc. The device belongs to the XC4000XL series and features 36,864 logic cells, 1,152 Kilobits of Block RAM, and 64 user I/O pins. The device operates with a maximum clock frequency of 133 MHz and has a 3.3V power supply.

Features

High-speed performance: The device can operate with a maximum clock frequency of 133 MHz, making it suitable for high-speed applications.

Large logic capacity: With 36,864 logic cells and 1,152 Kilobits of Block RAM, the device can handle complex logic designs.

Low power consumption: The device operates with a 3.3V power supply, which helps to reduce power consumption.

Easy reprogramming: Being a field-programmable device, the XC4036XLA-08HQ208I can be reprogrammed to support different logic designs.

Application

Communications: The device can be used in communications applications, such as Ethernet switches and routers, to implement complex logic functions.

Industrial automation: The device is suitable for industrial automation applications, such as control systems, due to its high-speed performance and large logic capacity.

Medical equipment: The XC4036XLA-08HQ208I can be used in medical equipment, such as MRI machines, to implement signal processing algorithms.



Related Products



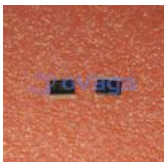
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AMD Xilinx, Inc
SOP-20



[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



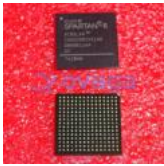
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[XC6SLX4-2CSG225C](#)

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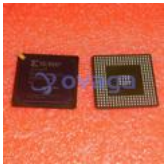
BGA-225



[XC6SLX16-3CSG324C](#)

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