

FPGA Spartan®-3E Family 250K Gates 5508 Cells 572MHz 90nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	208-BFQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S250E-4PQG208C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S250E-4PQG208C is a product name for a Field Programmable Gate Array (FPGA) manufactured by Xilinx, a leading provider of programmable logic devices.

Features

The XC3S250E-4PQG208C FPGA contains 250,000 logic cells and 10,080 slices.

It has a maximum of 372 user I/Os and up to 25 differential signal pairs.

The device operates at a maximum frequency of 400MHz.

It has a total of 12 Digital Clock Managers (DCMs) for flexible clock management.

It also includes embedded memory blocks, Digital Signal Processing (DSP) blocks, and high-speed serial transceivers.

Application

The XC3S250E-4PQG208C FPGA is used in a wide range of applications including:

Communication systems: switches, routers, and wireless base stations.

Automotive: infotainment systems, advanced driver assistance systems, and powertrain controls.

Industrial: motor control, robotics, and factory automation.

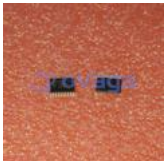
Aerospace and defense: radar systems, avionics, and satellite communication.



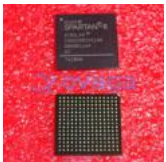
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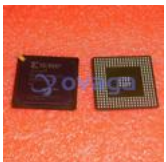
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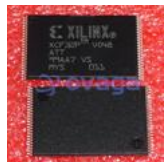
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