

FPGA Spartan Family 40K Gates 1862 Cells 125MHz 5V 208Pin PQFP

| | |
|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | qfp208 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XCS40-3PQ208I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCS40-3PQ208I is a field-programmable gate array (FPGA) manufactured by Xilinx. Here are some of its features:

Features

It belongs to the Xilinx Spartan-3 series of FPGAs.

It has 40,000 logic cells that can be configured to implement custom logic functions.

It has 1,092 kilobits of block RAM, which can be used to store data.

It has 216 multipliers that can perform DSP functions, such as filtering and signal processing.

It has 178 user I/O pins that can be used to interface with external devices.

Application

Communications: It can be used in networking equipment, such as routers and switches, to perform packet processing and traffic management functions.

Industrial control: It can be used in control systems, such as programmable logic controllers (PLCs), to implement custom control algorithms.

Video and image processing: Its DSP capabilities make it suitable for applications that require real-time video and image processing, such as surveillance systems and video cameras.

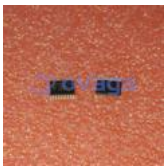


Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48