

5000 GATE LOGIC CELL ARRAY - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	160-BQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4005E-4PQ160I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC4005E-4PQ160I is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx Inc. It belongs to the XC4000 family of FPGAs and has 4005 logic cells.

Features

- 4005 logic cells
- 128 macrocells
- 32 I/O pins
- 4 input function generators
- 64 user I/O pins
- 3 global clock pins
- 2 18-bit by 16-bit dedicated multipliers
- 32 product terms per macrocell

Application

- Digital signal processing
- Aerospace and defense systems
- Telecommunications systems
- Industrial control systems
- Medical equipment



Related Products



[XCF18V01S020C](#)

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