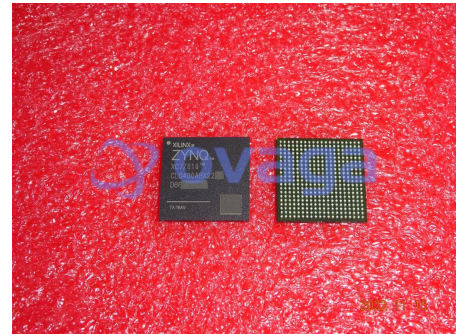


Zynq-7000 SOC CORTEX-A9 ARTIX-7

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA400
Product Type	System On Chip (SoC)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC7Z010-1CLG400I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

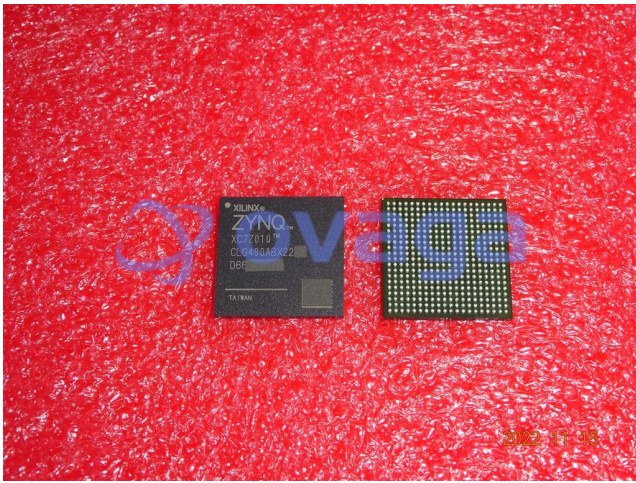
XC7Z010-1CLG400I is a product name of a field-programmable gate array (FPGA) manufactured by Xilinx Inc. It is a member of the Zynq-7000 family of FPGAs, which integrate a dual-core ARM Cortex-A9 processor with programmable logic.

Features

- Contains 28,000 logic cells and 17,600 LUTs (look-up tables)
- Dual-core ARM Cortex-A9 processor with 64-bit DDR3/DDR2 interface
- Supports up to 6.6 Gbps transceiver data rate
- On-chip analog-to-digital converters (ADCs) and digital-to-analog converters (DACs)
- Supports up to 128 MB of DDR3/DDR2 memory

Application

- Automotive driver assistance systems
- Industrial automation and control
- Medical equipment
- Aerospace and defense
- Video and image processing

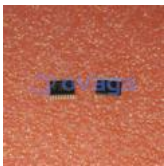


Related Products



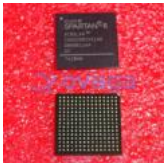
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



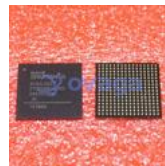
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



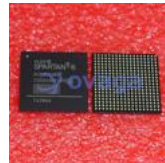
[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48