

128 MACROCELL 3.3 VOLT ISP CPLD

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|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | BGA-144 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XCR3128XL-10CSG144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The XCR3128XL-10CSG144C is a Field Programmable Gate Array (FPGA) manufactured by Xilinx Inc. It is a member of the XCR3000XL family of FPGAs and has 1,728 Logic Cells (LCs) and 64 I/O pins. The "10" in the part number indicates its speed grade, which is 10 nanoseconds (ns) for the maximum propagation delay time.

Features

- 1,728 Logic Cells (LCs) with 3 inputs each
- 64 I/O pins (54 of which are user-configurable)
- Internal 3-state bus capability for direct connection to a microprocessor or peripheral
- In-system programmable (ISP) through the JTAG interface
- Low power consumption
- Built-in Boundary-Scan Test (BST) circuitry for testing interconnects

Application

- Communications equipment (routers, switches, modems)
- Video and image processing
- Medical equipment
- Industrial control systems
- Automotive electronics
- Aerospace and defense systems



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



[XCV50-6BG256C](#)

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BGA256



[XCF08PV0G48C](#)

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TSOP-48



[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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