

Cpld coolrunner™-ii family 6k gates 256 macro cells 152mhz 0.18um (cmos) technology
1.8v

| | |
|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | QFP-100 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XC2C256-7VQ100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2C256-7VQ100C is a field-programmable gate array (FPGA) manufactured by Xilinx. It is a member of the CoolRunner-II family of FPGAs and has a capacity of 256 macrocells. The "7VQ100C" suffix refers to the device's speed grade, package type, and temperature range.

Features

- 256 macrocells with 2,304 usable gates
- 7ns maximum propagation delay
- 100-pin very thin quad flat pack (VQFP) package
- Wide operating voltage range of 1.5V to 3.6V
- Low power consumption of less than 20mW per macrocell
- High-speed global clock network

Application

- Industrial control systems
- Automotive electronics
- Medical equipment
- Test and measurement equipment
- Communications systems

Related Products



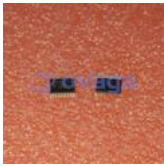
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



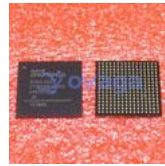
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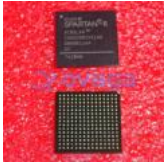
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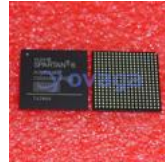
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BGA-256



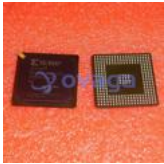
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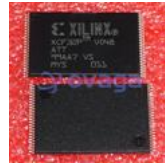
[XC6SLX16-3CSG324C](#)

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[XCV50-6BG256C](#)

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