

512 MACROCELL 1.8V ZERO POWER ISP CPLD

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2C512-10FTG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC2C512-10FTG256I is a type of Field-Programmable Gate Array (FPGA) produced by Xilinx, which is a leading manufacturer of programmable logic devices.

## Features

The "XC2C512" part of the name refers to its capacity of 512,000 system gates.

The "10FTG256I" part of the name refers to its maximum operating frequency of 10 MHz, its package type (FTG256), and its industrial temperature range (I).

It has 36,864 bits of on-chip RAM and 512 programmable I/O pins.

It uses a 1.8V core voltage and has a total power consumption of less than 500mW.

## Application

Digital signal processing (DSP)

Image and video processing

Communications systems

Industrial automation and control

Automotive electronics

Aerospace and defense systems



## Related Products



### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
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### [XC6SLX4-2CSG225C](#)

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BGA-225



### [XCV50-6BG256C](#)

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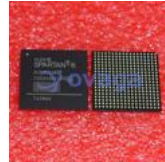
### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
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### [XC6SLX25-3FTG256C](#)

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### [XC6SLX16-3CSG324C](#)

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### [XCF32PVO48C](#)

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