

Spartan-II 1.8V FPGA Family

Manufacturers	AMD Xilinx, Inc
Package/Case	FBGA-456
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S300E-6FG456I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S300E-6FG456I is a field-programmable gate array (FPGA) device manufactured by Xilinx. It belongs to the Spartan-II family of FPGAs, which are designed for low-power applications.

Features

- 300,000 system gates (equivalent to about 3,000 TTL logic gates)
- 3.3V power supply
- 6ns maximum pin-to-pin delay
- 456-pin fine pitch ball grid array (FBGA) package
- 6 speed grades available

Application

- Digital signal processing (DSP)
- Industrial control systems
- High-speed communication systems
- Automotive electronics
- Video and image processing
- Military and aerospace applications

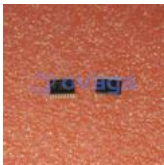


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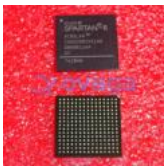
[XC18V01S020C](#)

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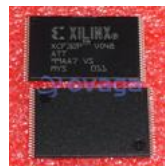
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