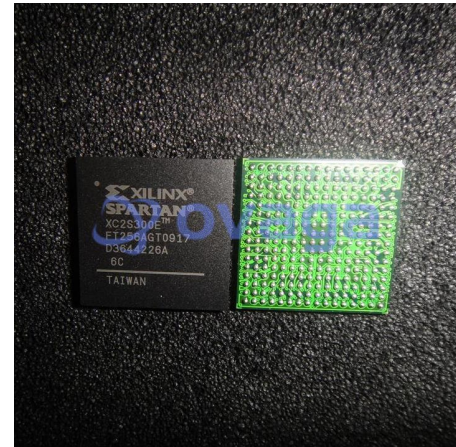


## Spartan-III 1.8V FPGA Family

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S300E-6FT256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

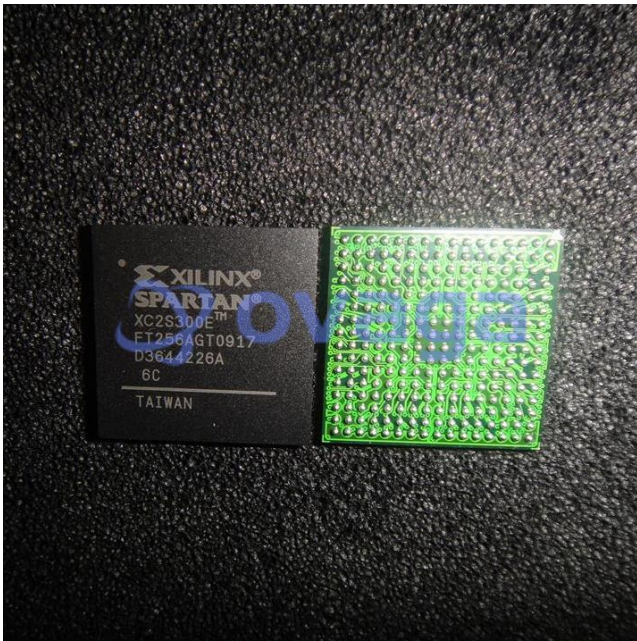
XC2S300E-6FT256C is a product name of a field-programmable gate array (FPGA) manufactured by Xilinx, a leading semiconductor company. Here is some information about this device:

### Features

- Spartan-II family FPGA
- 300,000 system gates
- 6ns pin-to-pin delay
- 256-pin Fine-Pitch Ball-Grid Array (FBGA) package
- 1.8V core voltage
- 3.3V or 2.5V I/O standards
- 2 to 8 signal layers

### Application

- Digital signal processing
- High-speed communication systems
- Industrial automation and control
- Medical imaging
- Aerospace and defense
- Video and image processing
- Automotive applications



## 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