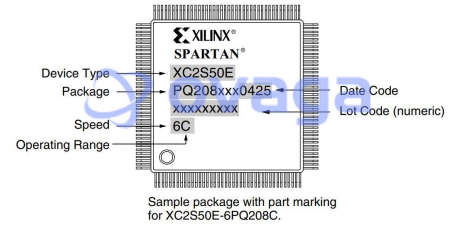


## Spartan-IIIE 1.8V FPGA Family

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	TQFP144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S100E-6TQ144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

XC2S100E-6TQ144C is an integrated circuit (IC) or a programmable logic device (PLD) manufactured by Xilinx, which is a leading company in the field of programmable logic devices.

### Features

XC2S100E-6TQ144C is a Spartan-II family device and belongs to the XC2S100E series.

It has 100,000 system gates, 192 I/O pins, and 36Kbits of block RAM.

The device operates on a 3.3V power supply.

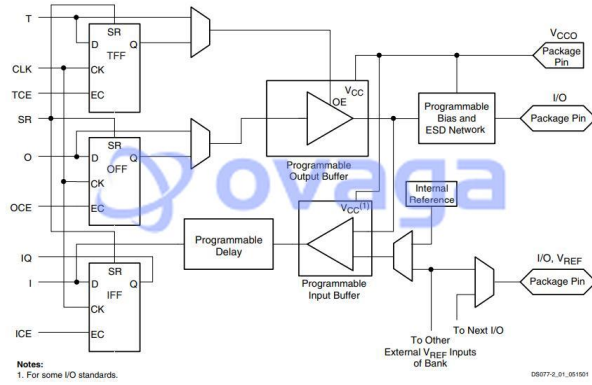
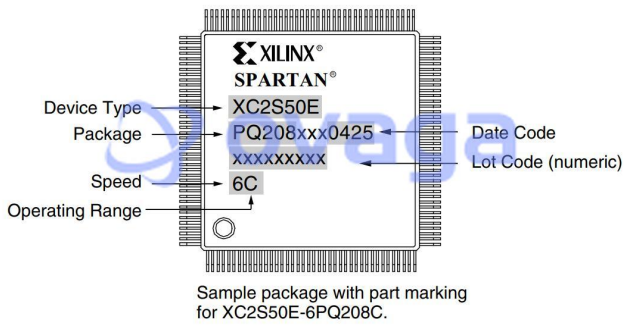
It has a maximum operating frequency of 200 MHz.

### Application

XC2S100E-6TQ144C is widely used in digital signal processing, embedded processing, and communication systems.

It can be used in automotive applications, medical devices, and industrial automation.

It is also used in aerospace and defense applications.



## Related Products



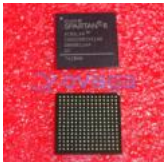
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



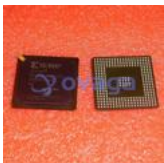
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



### [XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



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

AMD Xilinx, Inc  
BGA256



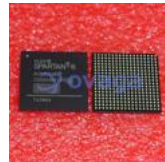
### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



### [XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



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

AMD Xilinx, Inc  
BGA-324



### [XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48