

Spartan and Spartan-XL Families Field Programmable Gate Arrays FPGA

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 XCS30XL-4TQ144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XCS30XL-4TQ144I is a type of Field Programmable Gate Array (FPGA) manufactured by Xilinx.

### Features

- 30,000 logic cells and 1.2 million system gates
- 360 input/output pins
- 800 MHz internal clock speed
- 504 KB of on-chip memory
- Power consumption: 750 mW
- 4-input Look-Up Tables (LUTs) and 8 flip-flops per logic cell

### Application

- Digital signal processing
- Image and video processing
- Cryptography
- Industrial control systems
- Aerospace and defense electronics
- Automotive systems
- High-performance computing



## Related Products



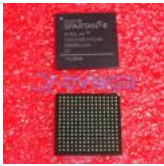
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



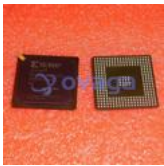
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TSSOP20



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

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BGA-225



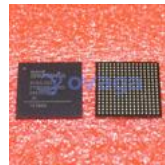
### [XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



### [XCF08PV0G48C](#)

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TSOP-48



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

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

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BGA-324



### [XCF32PVO48C](#)

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