

FPGA XA Spartan -6 Family 43661 Cells 45nm Technology 1.2V 324Pin CSBGA

| | |
|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | BGA-324 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XA6SLX45-3CSG324Q or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XA6SLX45-3CSG324Q is a specific model of a field-programmable gate array (FPGA) manufactured by Xilinx.

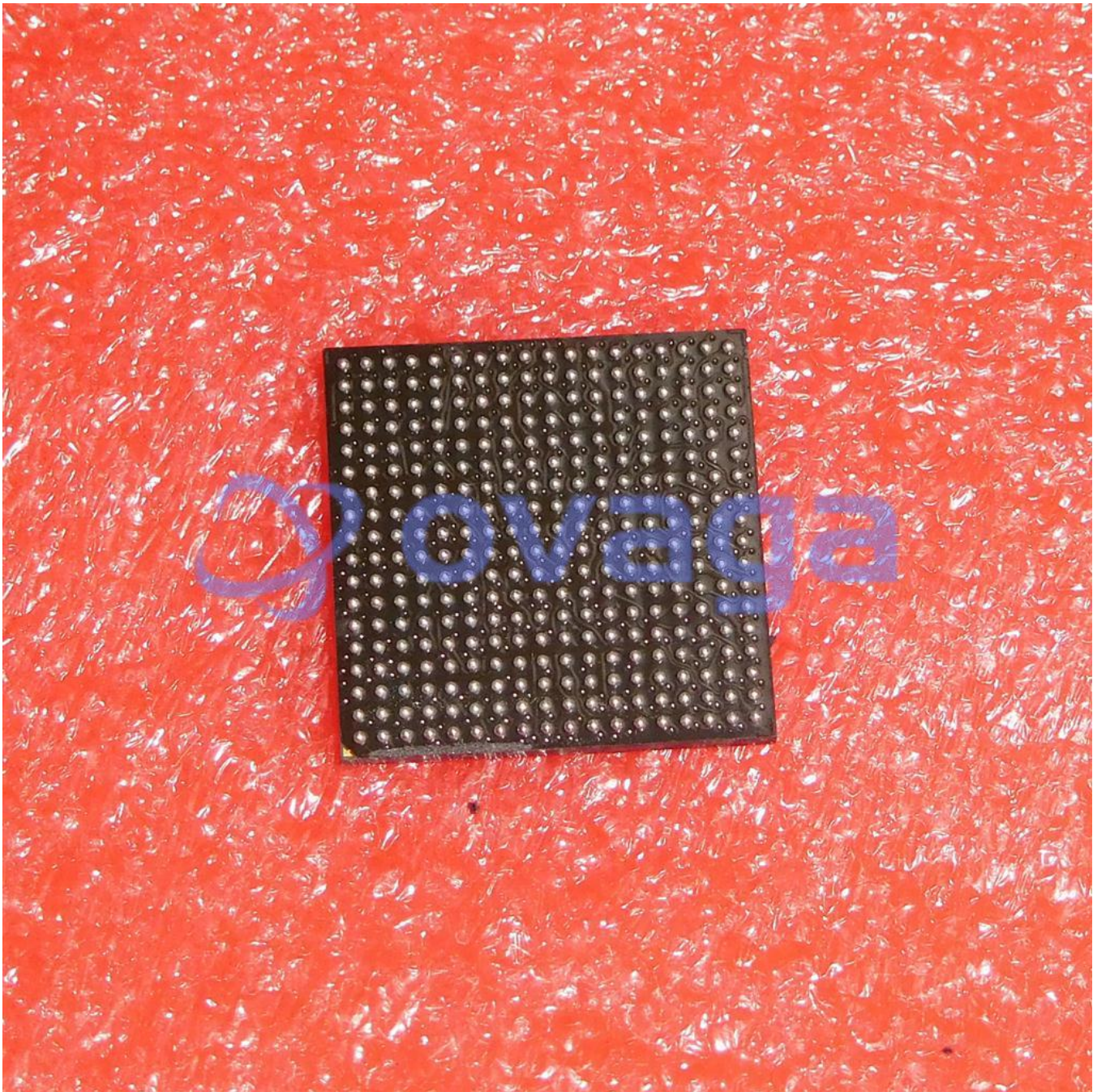
Features

- It has a logic cell capacity of 43,661
- It has 45,120 programmable logic blocks
- It has 324 pins in a grid array package
- It has a maximum frequency of 400 MHz
- It operates with a 3.3V power supply
- It has a total of 648 user I/Os

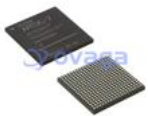
Application

- Digital signal processing (DSP)
- High-speed communications
- Video and image processing
- Aerospace and defense systems
- Industrial automation
- Automotive systems





Related Products



[XA7A35T-1CSG324I](#)

AMD Xilinx, Inc
324-LFBGA, CSPBGA



[XA6SLX45-2FGG484Q](#)

AMD Xilinx, Inc
484-BBGA



[XA7A35T-1CSG324Q](#)

AMD Xilinx, Inc
324-LFBGA, CSPBGA



[XA7A100T-1CSG324Q](#)

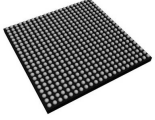
AMD Xilinx, Inc
324-LFBGA, CSPBGA

[XA7A50T-1CSG325Q](#)



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[XA7Z020-1CLG484Q](#)



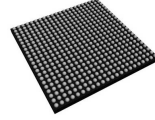
AMD Xilinx, Inc
BGA-484

[XA7A50T-1CSG324Q](#)



AMD Xilinx, Inc
324-LFBGA, CSPBGA

[XA7A100T-1FGG484Q](#)



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484-BBGA