

Extended Spartan-3A FPGAs, Package: 4FGG676C

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3SD1800A-4FGG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

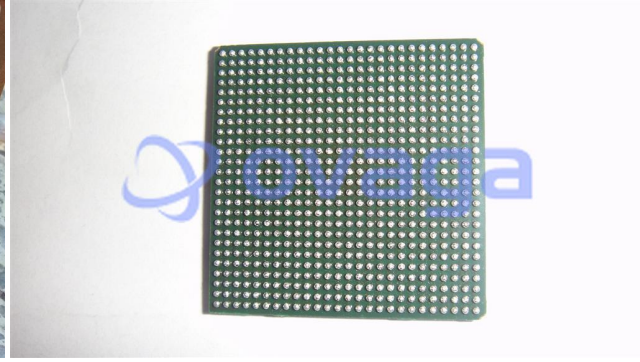
XC3SD1800A-4FGG676C is a specific model number of the Xilinx Spartan-3 FPGA (Field Programmable Gate Array). It is a high-performance, low-power, and cost-effective programmable logic device.

Features

- 1800K system gates (logic cells)
- 4.6 Mb block RAM
- 784 user I/Os
- 8 Digital Clock Managers (DCMs)
- 256-bit AES encryption
- SelectIO technology for interfacing with various I/O standards
- Built-in MicroBlaze processor for embedded applications

Application

- Video and audio processing
- Networking and communication systems
- Industrial control and automation
- Aerospace and defense systems
- Medical imaging
- Test and measurement equipment

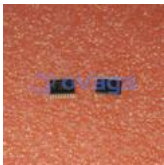


Related Products



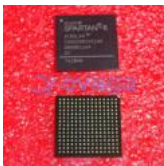
[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



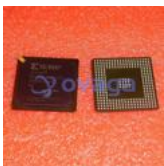
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AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



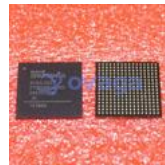
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



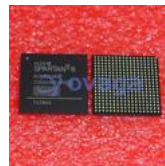
[XCF08PV0G48C](#)

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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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