XC3S2000-4FGG676C

Data Sheet

FPGA SPARTAN-3 2M GATES 46080 CELLS 630MHZ 1.2V 676FBGA

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for XC3S2000-4FGG676C or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC3S2000-4FGG676C is a field-programmable gate array (FPGA) manufactured by Xilinx.

Features

It has a capacity of 2 million system gates, which makes it suitable for complex digital designs.

The device operates on a supply voltage of 1.2V and has a maximum operating frequency of 800MHz.

It has 540 user I/O pins and supports multiple I/O standards such as LVCMOS, LVTTL, HSTL, SSTL, LVDS, and more.

It includes advanced features such as embedded block RAM and digital signal processing (DSP) slices, making it suitable for applications requiring high-performance signal processing.

Application

The XC3S2000-4FGG676C FPGA is commonly used in high-performance applications such as digital signal processing, image processing, telecommunications, networking, and aerospace.

It can also be used in industrial automation, automotive, and medical equipment.

Related Products

[XC18V01S020C](#)

AMD Xilinx, Inc

SOP-20

[XCF08PV0G48C](#)

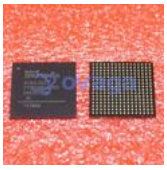
AMD Xilinx, Inc

TSOP-48

[XCF04SV0G20C](#)

AMD Xilinx, Inc

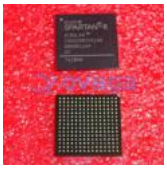
TSSOP20



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc

BGA-256



[XC6SLX4-2CSG225C](#)

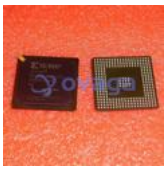
AMD Xilinx, Inc

BGA-225

[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc

BGA-324



[XCV50-6BG256C](#)

AMD Xilinx, Inc

BGA256

[XCF32PVO48C](#)

AMD Xilinx, Inc

TSOP48