

FPGA, Artix-7, MMCM, PLL, 150 I/O's, 628 MHz, 52160 Cells, 950 mV to 1.05 V, CSBGA-325

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA325
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC7A50T-2CSG325I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC7A50T-2CSG325I is a model number of a field-programmable gate array (FPGA) manufactured by Xilinx. It belongs to the Artix-7 family of FPGAs and is designed to provide a low-power, high-performance solution for a variety of applications.

Features

- 53,200 logic cells
- 1,800 Kbits of block RAM
- 150 DSP slices
- 6.6 Gbps transceivers
- 200 MHz maximum operating frequency
- 1.0V - 1.2V core voltage
- 0.95V - 3.45V auxiliary voltage

Application

- Wireless communications
- Wired communications
- Industrial automation
- Test and measurement
- Video and image processing
- Automotive



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



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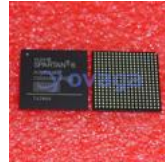
[XCF08PV0G48C](#)

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