

Field Programmable Gate Arrays (XC3000A/L, XC3100A/L)

|               |                                 |
|---------------|---------------------------------|
| Manufacturers | <a href="#">AMD Xilinx, Inc</a> |
| Package/Case  | QFP100                          |
| Product Type  | Programmable Logic ICs          |
| RoHS          |                                 |
| Lifecycle     |                                 |



Images are for reference only

Please submit RFQ for XC3142A-2PQ100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3142A-2PQ100I is a part number for a Field-Programmable Gate Array (FPGA) chip manufactured by Xilinx Inc.

## Features

- It has 1,824 logic cells
- It has 36,864 total gates
- It has 2.5ns maximum delay
- It has 4 global clock lines
- It operates on a 3.3V power supply
- It has a maximum operating frequency of 200 MHz

## Application

- Industrial automation
- Communications equipment
- Medical equipment
- Aerospace and defense systems
- Automotive applications



## Related Products



### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



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

AMD Xilinx, Inc  
BGA-225



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

AMD Xilinx, Inc  
BGA256



### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



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

AMD Xilinx, Inc  
BGA-256



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

AMD Xilinx, Inc  
BGA-324



### [XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48