

Virtex-4 FPGA 768 I/O 1148FCBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-1148
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4VLX80-11FF1148I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC4VLX80-11FF1148I is a model number of a field-programmable gate array (FPGA) developed by Xilinx Inc. It is a member of the Virtex-4 LX family, which was released in 2005 and is now considered a legacy product.

### Features

- 80,160 logic cells (depending on the mode of operation)
- 640 DSP slices
- 12 block RAMs with a total capacity of 2.8 Mb
- 8 Digital Clock Managers (DCMs) for frequency synthesis and jitter reduction
- High-speed serial transceivers (up to 6.5 Gb/s)

### Application

- Aerospace and defense
- Automotive
- Broadcast
- Consumer electronics
- Industrial automation
- Medical devices
- Telecommunications



## Related Products



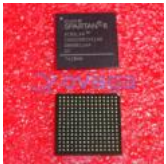
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



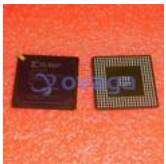
### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



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

AMD Xilinx, Inc  
BGA-225



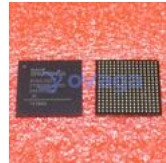
### [XCV50-6BG256C](#)

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