

Design Services Partner Profile

Tortuga Logic, Inc. Company Overview

Date : 11/18/2019

<https://www.tortugalogic.com/>

Partner Details

Partner Tier: Member
 Headquarters Location: 75 E. Santa Clara St, 6th Floor, San Jose, CA, USA
 Xilinx Alliance Partner Since: 11/6/2019

Key Contact Info

Jason Oberg
 jason@tortugalogic.com

Regions Served

North America Central, North America East, North America West

Supported Product Types

| | | | |
|-----|-----------------|-----|-------------------|
| Yes | Design Services | No | Embedded Products |
| No | IP | Yes | EDA Tools |
| No | Boards | | |

Engineering Service Types

| | | | |
|-----|--|-----------|--|
| Yes | General Purpose Services | | |
| No | Services in Support of Products Sold | Preferred | |
| No | Services Leading to Contract Manufacturing | | |

Maximum Service Scope:

Engagement Models Supported

| | | |
|------|---|-----------|
| Yes | SOW-Based Fixed Bid Projects | Preferred |
| No | Time and Materials | |
| Both | Captive Resources at Partner or Customer Premises | |

Xilinx Design Tool Experience

| | | | |
|-----|--------|----|---------|
| Yes | Vivado | No | SDSoC |
| No | HLx | No | SDAccel |

Industry Certifications Achieved

Industry Certification Services Offered

Government Clearances

Design Services Partner Profile

Tortuga Logic, Inc. Segment and Application Focus

| | | | |
|-----------------|-----------------------------------|---|---|
| Primary Focus | Defense/Aerospace | Primary Focus No Focus No Focus No Focus Primary Focus No Focus No Focus No Focus No Focus Primary Focus | Homeland Security Electronic Warfare ISR Space Missiles & Munitions Military Avionics Commercial Avionics SatComm Wireless Milcom Other A&D |
| No Focus | Audio, Video, Broadcast | No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus | Encoders & Decoders Monitors & Projection Networking & Converters Audio Systems Video Processing Cards Video Conferencing Routers and Switches Pro Cameras & Camcorders Other Broadcast |
| Secondary Focus | Automotive & Transport | No Focus Primary Focus No Focus Secondary Focus No Focus | Driver Assist - Camera Driver Assist Radar/LIDAR Driver Info/Infotainment Automated Driving Other Automotive |
| No Focus | Consumer | No Focus No Focus No Focus No Focus | Digital Display Drones Multifunction Printers Other Consumer |
| Secondary Focus | Datacenter | No Focus No Focus No Focus | Storage Compute Networking |
| No Focus | Industrial, Medical | No Focus No Focus No Focus No Focus No Focus No Focus | Motor Control Industrial Networking Surveillance Machine Vision Medical Imaging Medical / Clinical Other ISM |

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Tortuga Logic, Inc. Segment and Application Focus (continued)

| | | | |
|----------|--------------------------------------|--|--|
| No Focus | Test & Measurement | <ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus | <ul style="list-style-type: none"> Simulation / Emulation T & M Instrumentation Semiconductor Test Wired Communication Test Wireless Communications Test Other Test & Measurement |
| No Focus | Wired Comms & Networks | <ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus No Focus | <ul style="list-style-type: none"> Access Equipment Long Haul/Transport Wired Mobile Backhaul OTN Enterprise Equipment Ethernet Interlaken Connectivity Packet Processing Other Wired Communications |
| No Focus | Wireless Comms & Networks | <ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus | <ul style="list-style-type: none"> Baseband Wireless Backhaul Connectivity & Switching Radio Other Wireless |

Design Services Partner Profile



Design Competencies

System Architecture

RF and Analog Design

FPGA Design and Integration

FPGA Timing Closure

FPGA Design Optimization

**Signal Integrity Design
and Analysis**

Inhouse or Subcontracted:
Typical Serial Speed:

PCB Design & Layout

Inhouse or Subcontracted:

Industrial and Mechanical Design

Inhouse or Subcontracted:

**Industry Certification and
Compliance Testing**

Inhouse or Subcontracted:

Quality and Reliability

Testing

Inhouse or Subcontracted:

Contract Manufacturing

Inhouse or Subcontracted:

Max Quantities Supported:

Digital Signal Processing

Experience:

Embedded Processors

Experience:

Embedded Porting /

BSP Extension

OS and RTOS Design Experience:

**Embedded Application
Development**

Image Sensor Fusion

Design Services Partner Profile



Homo or Heterogeneous:

Sensor Types Design Experience:

Computer Vision

Machine Learning

Framework Experience:

Network Model Experience:
