# Design Services Partner Profile

**AMD XILINX**

## VVDN Technologies Pvt. Ltd.  Company Overview

http://www.vvdntech.com/

**Partner Details**

| | |
|---|---|
| Partner Tier: | Member |
| Headquarters Location: | B-22, Infocity Sector-34,Gurgaon, Haryana,,India |
| Xilinx Alliance Partner Since: | 3/18/2016 |

**Key Contact Info**

Joseph George
joseph.george@vvdntech.com

**Regions Served**

**Supported Product Types**

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

**Engineering Service Types**

| | | |
|---|---|---|
| Yes | General Purpose Services | |
| Yes | Services in Support of Products Sold | Preferred |
| Yes | Services Leading to Contract Manufacturing | |

Maximum Service Scope:    System level design

**Engagement Models Supported**

| | | |
|---|---|---|
| Yes | SOW-Based Fixed Bid Projects | Preferred |
| Yes | Time and Materials | |
| At my location | Captive Resources at Partner or Customer Premises | |

**Xilinx Design Tool Experience**

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

**Industry Certifications Achieved**    ISO 14001, ISO 9001

**Industry Certification Services Offered**    CE, FCC, UL

**Government Clearances**

# Design Services Partner Profile

## VVDN Technologies Pvt. Ltd. Segment and Application Focus

| Secondary Focus | **Defense/Aerospace** | | |
|---|---|---|---|
| | | No Focus | Homeland Security |
| | | No Focus | Electronic Warfare |
| | | Primary Focus | ISR |
| | | No Focus | Space |
| | | No Focus | Missiles & Munitions |
| | | No Focus | Military Avionics |
| | | No Focus | Commercial Avionics |
| | | No Focus | SatComm |
| | | No Focus | Wireless Milcom |
| | | No Focus | Other A&D |

| Primary Focus | **Audio, Video, Broadcast** | | |
|---|---|---|---|
| | | Secondary Focus | Encoders & Decoders |
| | | Primary Focus | Monitors & Projection |
| | | Primary Focus | Networking & Converters |
| | | Secondary Focus | Audio Systems |
| | | Secondary Focus | Video Processing Cards |
| | | Secondary Focus | Video Conferencing |
| | | Primary Focus | Routers and Switches |
| | | Primary Focus | Pro Cameras & Camcorders |
| | | No Focus | Other Broadcast |

| Secondary Focus | **Automotive & Transport** | | |
|---|---|---|---|
| | | Primary Focus | Driver Assist - Camera |
| | | No Focus | Driver Assist Radar/LIDAR |
| | | No Focus | Driver Info/Infotainment |
| | | No Focus | Automated Driving |
| | | No Focus | Other Automotive |

| Secondary Focus | **Consumer** | | |
|---|---|---|---|
| | | Primary Focus | Digital Display |
| | | No Focus | Drones |
| | | Secondary Focus | Multifunction Printers |
| | | No Focus | Other Consumer |

| No Focus | **Datacenter** | | |
|---|---|---|---|
| | | No Focus | Storage |
| | | No Focus | Compute |
| | | No Focus | Networking |

| Secondary Focus | **Industrial, Medical** | | |
|---|---|---|---|
| | | Primary Focus | Motor Control |
| | | No Focus | Industrial Networking |
| | | Primary Focus | Surveillance |
| | | Secondary Focus | Machine Vision |
| | | No Focus | Medical Imaging |
| | | Secondary Focus | Medical / Clinical |
| | | No Focus | Other ISM |

# Design Services Partner Profile

**AMD XILINX**

## VVDN Technologies Pvt. Ltd. Segment and Application Focus (continued)

| Secondary Focus | **Test & Measurement** | Primary Focus | Simulation / Emulation |
| | | No Focus | T & M Instrumentation |
| | | No Focus | Semiconductor Test |
| | | No Focus | Wired Communication Test |
| | | No Focus | Wireless Communications Test |
| | | No Focus | Other Test & Measurement |

| Primary Focus | **Wired Comms & Networks** | No Focus | Access Equipment |
| | | No Focus | Long Haul/Transport |
| | | No Focus | Wired Mobile Backhaul |
| | | No Focus | OTN |
| | | No Focus | Enterprise Equipment |
| | | No Focus | Ethernet Interlaken Connectivity |
| | | No Focus | Packet Processing |
| | | No Focus | Other Wired Communications |

| Secondary Focus | **Wireless Comms & Networks** | No Focus | Baseband |
| | | No Focus | Wireless Backhaul |
| | | No Focus | Connectivity & Switching |
| | | No Focus | Radio |
| | | No Focus | Other Wireless |

# Design Services Partner Profile

## Design Competencies

| | | |
|---|---|---|
| **System Architecture** | Primary Focus | NVMe System design, Audio Video |
| **RF and Analog Design** | Secondary Focus | SDN,SDR |
| **FPGA Design and Integration** | Primary Focus | MiPI Controller, HDMI System Integration, Motor Control |
| **FPGA Timing Closure** | Secondary Focus | |
| **FPGA Design Optimization** | Secondary Focus | |
| **Signal Integrity Design and Analysis** | Secondary Focus | |
| Inhouse or Subcontracted: | Inhouse | |
| Typical Serial Speed: | 40 | |
| **PCB Design & Layout** | Primary Focus | |
| Inhouse or Subcontracted: | Inhouse | |
| **Industrial and Mechanical Design** | Primary Focus | |
| Inhouse or Subcontracted: | Inhouse | |
| **Industry Certification and Compliance Testing** | No Focus | |
| Inhouse or Subcontracted: | | |
| **Quality and Reliability Testing** | Secondary Focus | |
| Inhouse or Subcontracted: | Inhouse | |
| **Contract Manufacturing** | Primary Focus | |
| Inhouse or Subcontracted: | Inhouse | |
| Max Quantities Supported: | 10,000+ | |
| **Digital Signal Processing** | Primary Focus | |
| **Experience:** | DM8168,DM365,APQ8096,APQ8084 | |
| **Embedded Processors** | Primary Focus | |
| **Experience:** | DM8168,DM365,APQ8096,APQ8084,I.MX6,LS2080,Zynq7000 | |
| **Embedded Porting /** | Primary Focus | |

# Design Services Partner Profile

**BSP Extension**

OS and RTOS Design Experience:    Android, Linux

**Embedded Application Development**
   Primary Focus

**Image Sensor Fusion**

Homo or Heterogeneous:

Sensor Types Design Experience:

**Computer Vision**

**Machine Learning**

Framework Experience:

Network Model Experience: