



*An Engineering Services Company*

## ***About Vai logic***

Vai logic offers design services for everything from specifications to the chip, module or board development. Our team of highly skilled engineers has over 130 years of design experience in numerous applications and disciplines.

### ***Scope of Services***

- FPGA & ASIC Design
- End-to-End Design Assistance
- System-On-Chip Solutions
- Board Design Services
- Consulting Services

### ***Xilinx Training Courses***

- Authorized Training Provider for IN, OH, MI, KY, and W. PA
- Education courses ranging from fundamental design techniques to advanced concepts
- Full course listing and schedule on website

## ***Design Consulting***

### **Independent Project Management**

- Cost Management
- Scope Management
- Team Management
- Schedule Management
- Vendor/Client Interface
- Technical Viability and Risk Analysis
- Schedule Risks
- Development Team Capability Analysis
- Concept analysis
- Feasibility Study
- IP Selection, Design and Reuse
- Methodology Issues
- Design Review
- Performance Improvement
- Foundry Selection
- Design Migration
- Production Ramp-up
- Obsolete Parts Replacement

## ***Experience and Expertise***

### **Electrical Circuit Design**

- System Architecture
- Analog/Digital
- RF
- PCB Layout
- Parts Selection
- HW Validation
- Manufacturing Support

### **Embedded Software Design**

- Requirements Analysis
- MCU/DSP
- Operating Systems
- Algorithm Development
- Drivers
- SW Test Plan
- SW Validation

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