



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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