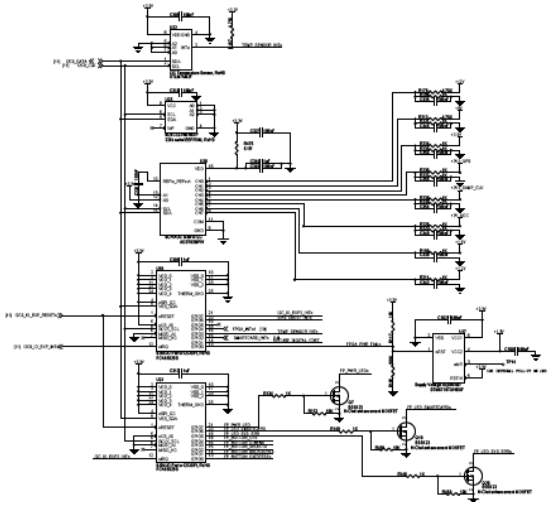
fidus®

Electronic Product Development



Fidus – an excellent choice

At Fidus Systems, we understand the unique challenges faced by technology companies – too many projects and too few engineering resources. With top engineering talent, multiple design centers and on-site staffing options, Fidus provides highly responsive engineering teams that are an extension of your development team to successfully bring products to market faster.

Recognized as a trusted design partner, Fidus is dedicated to meeting customer expectations, and developing long-term relationships with clients built on integrity, quality and open communications.

Fidus is pleased to provide customers with full end-to-end development solutions or more selective targeted engagements.

Fidus has delivered more than 1000 projects for 300+ clients, from Tier-1 multinationals to SMEs to start-ups. Fidus is headquartered in Ottawa, Canada with local design centers in Kitchener-Waterloo, San Jose, and Boston.

high-speed, high complexity

HARDWARE DESIGN

2015

how we Help

Do you want to: Increase your **revenue**? Reduce your **costs**? Increase your **speed** and **flexibility**? Focus on your **core competency**?

We all do. So consider Fidus for electronic product development and consulting services.

Fidus delivers on a broad range of hardware needs, ranging from simple cost effective interface boards through to complex, high performance, high reliability embedded systems. Fidus' designers offer an impressive breadth of knowledge paired with hands-on experience.

Our hardware design team's skills are readily complemented by Fidus' Wireless, PCB Layout, Signal Integrity, FPGA/DSP, Embedded Software, and Mechanical design expertise.

design Expertise

- System architecture, through to low-level board design
- Complex designs combining: analog, digital, wireless, power
- Solving problems that have stalled your product development
- 28Gbps+ designs built with robust signal integrity strategies
- High-speed debug, observation techniques, and equipment
- Embedded system design and development
- Simulation, optimization, and verification
- Low-power design techniques for battery applications
- Timing budget calculations and analysis
- RoHS compliance analysis and re-design
- Component obsolescence analysis and re-design
- Cost reduction analysis and re-design
- Regulatory Approvals identification and design strategies

tools for High-end development

- **Design and Simulation:** Cadence®, Mentor Graphics®, Altium®, Agilent ADS, ANSYS HFSS™, MATLAB® and Simulink®, HSPICE®
- **Verification:** Network Analyzers, Vector Signal Generator, Signal Analyzer, RF Signal Generators, Spectrum Analyzers, Electronic Loads, Four-channel high-speed oscilloscopes, Thermal Chamber, Logic Analyzer, Soldering Stations, Programming Pods, etc.

XILINX® | ALLIANCE PROGRAM PREMIER MEMBER

bringing you Xilinx premier

As Xilinx Premier, Fidus receives exclusive training, certification, and early-access to tools, IP, and new silicon. By invitation, Fidus was ***the*** inaugural Xilinx Premier Design Services member in North America. So what does this mean? It means that when you hire Fidus, you know that Fidus is on the forefront of Xilinx's roadmap, experienced in the most advanced tool flows, and is top of mind within the Xilinx support network.

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