



Electronic Product Development

high-speed, high complexity HARDWARE DESIGN

2016

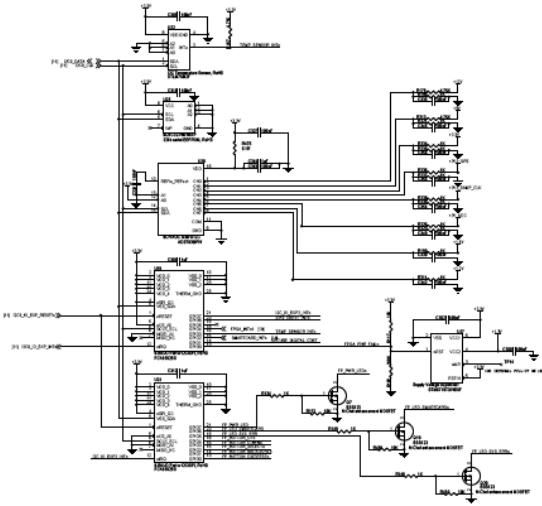
how we Help

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.



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 2000 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 and San Jose.

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.



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.

Locations

Ottawa Design Center and Headquarters

375 Terry Fox Dr.
Ottawa, ON K2H 1E6 Canada
Tel: +1(613) 595-0507
Fax: +1(613) 595-1811

Kitchener-Waterloo design center

180 King Street South, Suite 505
Waterloo, ON N2J 1P8 Canada
Tel: +1(519) 576-0060

San Jose design center

927 Corporate Way
Fremont, CA 94539-6118 USA
Tel: +1(408) 217-1928

Contact Us

Central/Eastern North America

Cameron Redmond
Cell: +1 (519) 635-6835
cameron.redmond@fidus.com

Silicon Valley

Tony Andrews
Cell: +1 (408) 314-9991
tony.andrews@fidus.com

Southern California/Pacific North West

Bruce Ridley
Cell: +1 (206) 818-4701
bruce.ridley@fidus.com

Outside of North America

michael.wakim@fidus.com

www.fidus.com

Examples of our work

