



System-Wide Approach to Power

SPECIALIZING IN:

ADVANCED POWER MANAGEMENT

SOLVING YOUR POWER PROBLEMS & IMPROVING POWER EFFICIENCY

INTEGRATED CIRCUITS & SOFTWARE DEVELOPMENT

PRODUCT INNOVATION

"Packet Digital is an industry leader with world-class expertise in system-level analysis and management," – Mentor Graphics

"I was impressed with the quality of the products and services provided by Packet Digital The turnaround of the deliverables was remarkable." – American Crystal Sugar

WHO WE ARE:

Packet Digital is a world leader in advanced power management design solutions and engineering services. We bring renowned expertise to help solve the most challenging battery life, platform power, and energy efficiency problems. With over 11 patents in power management devices, we can provide best-in-class approaches for your product designs.

EXPERTISE:

Packet Digital expertise includes software development, circuit design, system measurement, and custom ASIC designs. We also excel in customer product demonstrations and designing and building custom test systems for products from ICs to PCB assemblies.

We have partnered with leading companies such as Intel and Cisco to develop unique products and solutions to help extend battery life, improve overall power efficiency, and reduce thermal footprint.

SERVICES:

From quick turn circuit boards and embedded software to custom ASICs, Packet Digital can offer a wide array of solutions to help you achieve your design goals and speed up time-to-market. With deep expertise in circuit design, testing, measurement, and ASIC development, our engineering teams are able to take a system-level approach to overcome design obstacles. Packet Digital is the right partner for your next design challenge!

DESIGN APPROACH:

We take a system-wide approach to power management. By evaluating the platform power, we can provide solutions to increase performance and reliability, reduce system component count thereby lowering costs, and improve the overall power efficiency of the design.

Hardware Design	Software	Test & Measurement	ASIC Design
Quick Turn Prototypes, Evaluation Boards, and Product Demonstrations	Embedded Systems Firmware and RTL for FPGAs and CPLDs	System-Wide Power Assessment, Diagnostics, Efficiency	Analog and Mixed Signal Designs
Circuit Design, Schematic, Layout, and Simulation	LabVIEW Measurement and Control	Instrumentation, Data Acquisition and Analysis	Switching and Linear Voltage Regulators
FPGA and CPLD	Embedded Linux	Root cause analysis	Low Power Design
Low Cost Custom Test Systems		Signal and Power Integrity	
Circuit Debug, Troubleshooting, and re-work solutions	Python Scripting, Data Processing, and Control	Thermal Analysis and Testing	Existing Library of High Performance IP Blocks