



*Ridley Engineering offers power supply design workshops around the world. Dr. Ridley combines the teaching of theoretical and practical concepts, and hands-on experience with design software and lab instruments. Attend our intensive four-day workshop, where mornings are spent studying theory and design concepts, and afternoons are spent building circuits and controllers. For questions, contact Denise by email at [dridley@ridleyengineering.com](mailto:dridley@ridleyengineering.com)*

## Power Supply Modeling & Control

- PWM Switch Model
- CCM and DCM Operation
- Power Stage Characteristics
- Voltage-Mode Feedback Design
- Power Stage Characteristics with Current-Mode
- Designing with Current-Mode Control

## High-Frequency Magnetics Design

- Optimal Magnetics Design
- Core and Winding Loss
- Component Parasitics
- Frequency Response
- Planar Design Structures
- Proximity Effects

## Hands-On Laboratory

- Combined Lecture and Lab Learning
- Build Power Supply Circuits
- Build Magnetics
- Measure Waveforms and Components
- Measure Transfer Functions
- Design Control Loops

## Workshop Rate, Dates & Location

**Rate:** \$2500, Includes Training, Workshop, Lab Notes, POWER 4-5-6 Software, Breakfast & Lunch

**Dates:** November 16-19, 2010

**Location:** Hotel Sierra  
12505 Cingular Way  
Alpharetta, GA 30004  
+1 678-339-0505

**Terms of payment:** Payment is due at time of registration. Payment of POs must be rendered within 30 days. Registration is non-refundable, however, substitution of attendees is an option in the event of cancellation by an individual. Transferring paid registrations from one workshop to a future workshop is not allowed.

## Registration Information

*Complete the form below and submit with credit card, payment plans or PO to reserve your seat. Class size is limited to 24. Additional information will be emailed upon confirmation of registration.*

Name \_\_\_\_\_

Credit Card No. \_\_\_\_\_

Company \_\_\_\_\_

Expiration (mm/yy) \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ VISA \_\_\_\_\_ MC \_\_\_\_\_ AMEX

Cardholder's Signature \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

We plan to pay by check \_\_\_\_\_ by bank wire \_\_\_\_\_

Postal Code \_\_\_\_\_ Country \_\_\_\_\_

by PO \_\_\_\_\_ PO No. \_\_\_\_\_

Telephone \_\_\_\_\_

Bank Wire Transfer - Please contact us for bank information

Email \_\_\_\_\_

**Check Mailing Address:**  
3547 53rd Avenue West, Ste. 347, Bradenton, FL 34210

Attendee Signature **X** \_\_\_\_\_