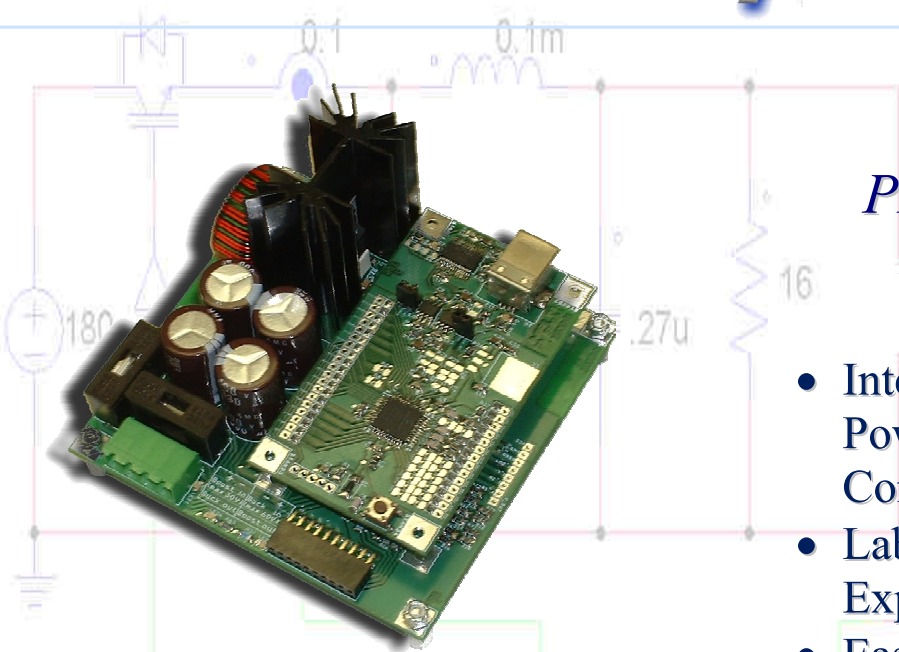
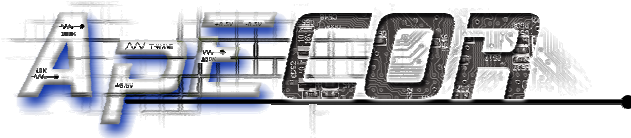


# PE-i Lab

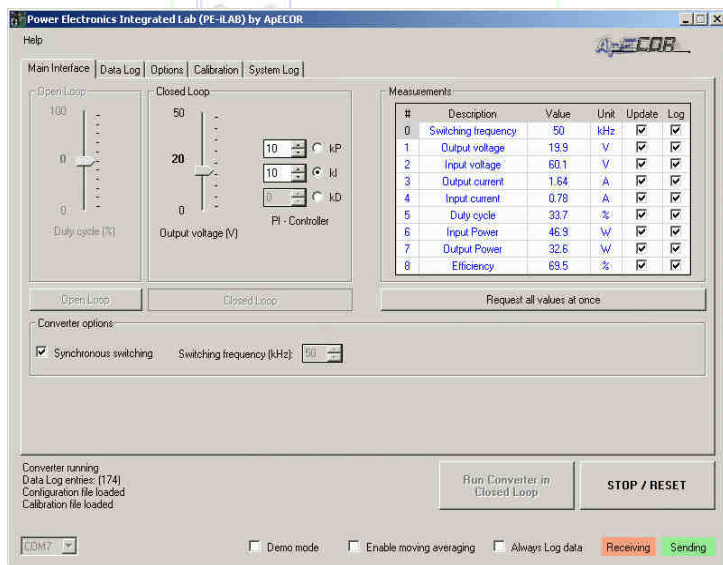


## PE-i Lab Helping Power Electronics Education

- Interactive Environment to Learn Power Electronics and Digital Control
- Lab Manual Included (8 Experiments)
- Easy-to-use Computer Interface

## PE-i Lab 100 Series

- 200W Buck/Boost Converter
- Interactive Digital Control
- Control Options
  - Open/Closed Loop
  - Switching Frequency
  - Synchronous Switching
  - Control Type(P,PI,PID)/Gain
- I/O Sensing
- Sensing Calibration
- Active Data Logger
- Lab Manual Included (8 experiments)
- Probe Points for I & V Sensing
- Safety through Hard I , V & Duty Cycle Limits
- USB Interface



*Currently in use at the University of Central Florida*

*Join the group!*

Students learn to design and optimize digital controllers through simulation and experimental testing

