

# Power Supply Controller

- PMC or PCI Format
- Controls 2 power supplies
- Register Interface

- Warning – Presenter has a financial interest

# Power Supply Controller

- 2 16bits-DACs
  - DAC's output range is 0~5V
  - 110Ksps
  - 50Kbytes static storage
- 4 16bits-ADCs
  - 110Ksps
  - 50Kbytes static storage
- 16 binary inputs, 8 binary outputs

# Power Supply Controller

- DAC's output is controlled by FPGA
- Built in thermostat for temperature compensation
- Glitch detection supported with fast ADC and RAM
- Triggered Operation
- Predefined Ramp Outputs



# Direction

- Looking for partner
  - Complete tests
  - Modify design as required
- Contact me.