Thursday Meeting
When Jaime's notifies after his Dr's appointment

Agenda
- Solution Realization
- Lab analysis
- AI
- Battery charger/Discharger
- Sensing/ctrl
- Timeline
- Block Diagram

AI
Jaime - Looked into variable resistance... switching on fly will ill in question

David - V source ctrl DC/DC output voltage converter to control PSU ctrl pins for output

James - Schedule looks lax, but optimistic

James - Look into battery status

Battery Charger
- Power supply to test what it does to the HP PSU output.
- Second power supply to vary voltages

Estimating return of discharge... some terminal voltage, determining state
of charge - DAVID - Friday

Sensing/Block Diagram
- High power resistor for current sensing
- OR use current shib and find out resistance of wire sense voltage across it...
- Temperature, PSOC Resolution
- Direct sensing in PSOC... test less points of failure
- RANGE - Voltage divider - Lower resolution 0-10V
- Talk to SS for op amp coupling... tuning in linear for our range of voltage
- 15V supply

Black Blk
- Variable resistor for CV of OP AMP internal to PSOC for CC
- PSOC - internal amp to PSOC
- PSOC up to 4 Analog sensors... Analog MUX inside PSOC
- Tech resource manual for PSOC
Name | AT | Due
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James | ETA on batteries | Tuesday

State of charge estimates to David
Read manual - switchable

David | Low programmable variable resistors | Wed

Estimate SOC by voltage
HP manual - switchable

Chris | Opto couplers - JT | Tuesday/Wed

PSoC - OPAMP capabilities

James | Programmable Resistor | Wed

Heat sink for Diode | Tuesday

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**Agenda for Tuesday**

- Test resistance of cabling while running
- Put in new Diode
- Test the ctrl capabilities of HP PSU

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**Diagram**

- **LBT**
- **Mc**
- **Psu**
- **Battery**
- **CC 5mV/Amp**
- **V,T,Temp**
- **Analog**
- **Power**

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**Signature**

**Date**

02/02/09