Buck Boost Multi-Chemistry Battery Charger with MPPT

- Minimum Operating Voltage: 9V
- Requires a minimum voltage of 11.7V
- SHDN pin needs to be pulled low
- Supply, VINR, should be higher than 1.234V
- LT8490
- Minimum voltage of regulator: Set to 5V
- Operating Voltage to enable switching
- Determines Minimum Input Voltage Sensing and Modulation Network
- Maximum PV Panel OC Voltage
- Input Voltage Sensing and Limiting = 7.2A
- PV Input Current: 120 to 130% of PV Max I
- Trickle Charge Current: 2A
- Max Charge Current: 5A
- Use 10k NTC thermistor, or Compensation and Fault
- Battery is 25°C
- 10% resistor to indicate
- Use 10kHz oscillator
- Output Feedback Resistor Network
- Over-voltage Detection
- Battery terminal indicator
- NTC thermistor to indicate battery is 25°C
- 10A fuse
- 10V / 4.7uF capacitor
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