



- v.2 changelog
- ATTINY
 - Removed FAN-TACH
 - Added GND-SWITCH to detect battery or external power
 - Removed NC to Jumper
 - Added FAN-SENSE to detect presence of fan power cable
 - Removed JP1 - 3 pin fan header
 - Added R11 pulldown on PWRON
 - Added C4 power input CAP
 - Components changed for JLC
 - LEDs changed to RED
 - MOSFET Fixed
 - Diode package change
 - Resistor values changed
 - R1 & R2 Battery voltage divider changed values (was 10K & 5K6, is 18K & 10K)
 - R8 FET gate resistor reduced (was 75R, is 47R)
 - 12V LED (was 1K1, is 1K2)
- v.3
- Added 1A Resettable Fuse to 12V
 - Moved FAN-PWM to W00 (was W03)
 - Flipped Potentiometer 5V & GND
- v.4
- Added BNC for connection to fan
 - Removed DC Jack to fan
- v.5
- Removed GROUND-SWITCH & FAN-SENSE
 - Added 2nd fuse for fan 12V power
 - Added buzzer circuit, driven by PB1
 - Moved LED4 to PA4
 - Changed LEDs to bright Green
 - Changed LED current limited resistors to 120R
 - Changed FET gate resistor to 120R
 - Changed UPDI Resistor to 1.02K, per recommendation
 - Changed Schottky diode to SOD-123 2AMP package
 - Added Schottky Diode for reverse polarity protection on DC input and battery input
 - Schematic cleanup, mild
- v0.6
- Replaced reverse polarity diode and fuses with E-FUSE circuit
 - Connected PowerGood to Attiny
 - Added 0.1uF to Attiny
 - Removed expansion header
 - Connected TXD to touchpad for debug
 - Connected Attiny pin 6 to PG

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