Green LED if there is power
Yellow LED if batt < 6.6V (power off)
Red LED if batt < 7.0V

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TITLE: hoverboard

Document Number: 

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ATMEGA1284PA-AU

Components:
- ATMEGA1284PA-AU
- 0.1uF capacitors
- LED red and green
- 3.3V and 5V power supplies
- XBEE-1B3
- 10k resistors
- Switch Momentary
- Diodes Schottky
- 20MHz crystal
- 20pF capacitors
- Single-wire interface (I2C)
- AT5_RESET

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Sleep 0.1mA, 0.9mA running

Power down 0.005mA, 6.8mA running