



"apple resistors":
 $D-: 49.9 / (49.9 + 43) * 5.2 = 2.79$
 $D+: 49.9 / (49.9 + 78.7 + 0.3) * 5.2 = 2.00$
 identifies device as wall adapter,
 which can deliver charge current of 1A

- Lipo charger (based on Adafruit powerboost 1000 charger)
- monitor load current and load voltage
 - Enable / Disable load and monitoring (automatic disable when low Batterie)
 - Load external or internal Lipo

