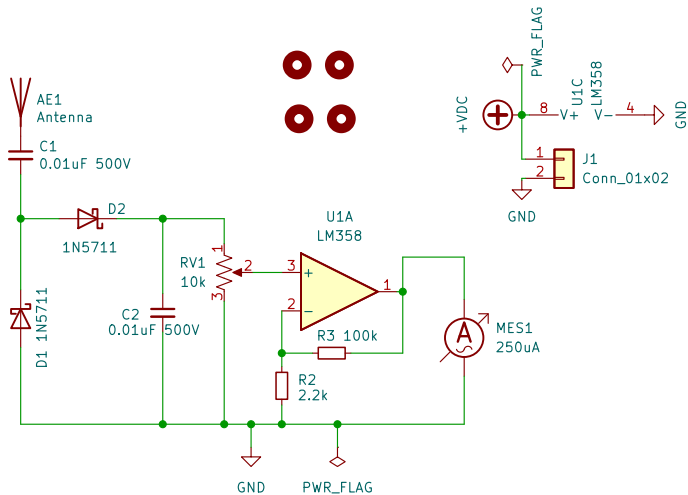Note: RV1 pot controls the 'sensitivity'.

Note: Original BAT62 Dual Diode can also be used.

MES1 (ammeter) is actually a DMM in our case.

Testing: BaoFeng UV-5R 'induces' more than 10v at a distance of 3 feet.

AE1
Antenna

C1
0.01uF 500V

D2
1N5711

D1 1N5711

C2
0.01uF 500V

RV1
10k

R3 100k

R2
2.2k

U1A
LM358

MES1
250uA

PWR_FLAG

+VDC

PWR_FLAG

U1C
LM358

V+ V-

GND

J1
Conn_01x02

GND

GND

PWR_FLAG

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