V+

C3
470uF
GND

R4
27
BAT+

R2
330
HDPH+

T3 BC337
R3
100

D1

R1
100k
C4
100uF
HDPH-

D2

C1
4.7uF
IN+

R5
100k
C2
4.7uF
T1 BC547
T2
BC327

IN-
BAT-

GND