VCNT1
~
1 Emitter   VCSEL_C 3
2 VCSEL_ACollector 4
R1
560

EMIT

+5V
GND

R3
10k
EMIT
C1
22uF
R4
4.7k
+5V
R2
1k
Q4
BC847
OUT
GND

+5V   PWR_FLAG
OUT
GND   PWR_FLAG

3 Conn_01x03_Pin
2 J1
1

+5V
R6
330
R5
10k
OUT
Q3
BC847
D3
TS4148
LED_R
D1
D2
LED_G
GND