V1
5

D1
BAT54SHY

R4
130

L2
65mH

RELAYSW

V3
1000

S1

R2
1000

V_mcu

R1
3.6k

Vb

Q1
2N3904

R3
11k

V2

PULSE(3.3 0 0 1n 1n 3 6)

.tran 60s
.model RELAYSW SW(Ron=50m Roff=100G Vt=3.5 Vh=0.5)