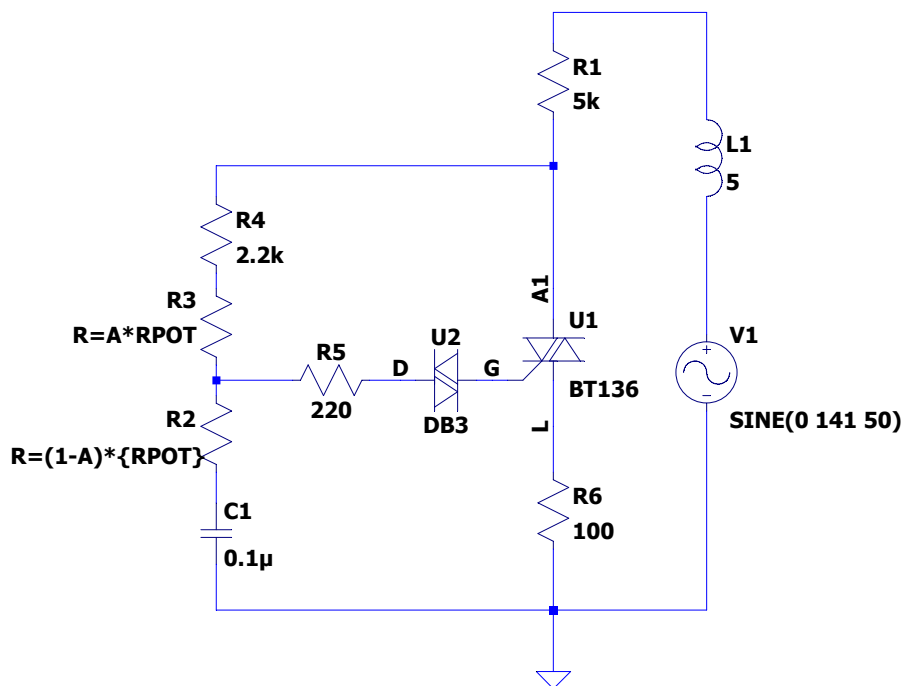.inc /home/eg/.wine/drive_c/users/eg/AppData/Local/LTspice/lib/st_diacs_pspice/st_diacs.lib
.inc /home/eg/.wine/drive_c/users/eg/AppData/Local/LTspice/lib/st_high-temp_H-series_triacs_Pspice/st_high-temperature_triacs.lib

R1
5k

L1
5

R4
2.2k

R3
R=A*RPOT

R5
220

U2

D   G

DB3

A1

U1

BT136

V1

SINE(0 141 50)

R2
R=(1-A)*{RPOT}

L

C1
0.1µ

R6
100

.step param A LIST 0.999 0.5 0.00001
.param RPOT=10k
.tran 0 0.02 0 20u