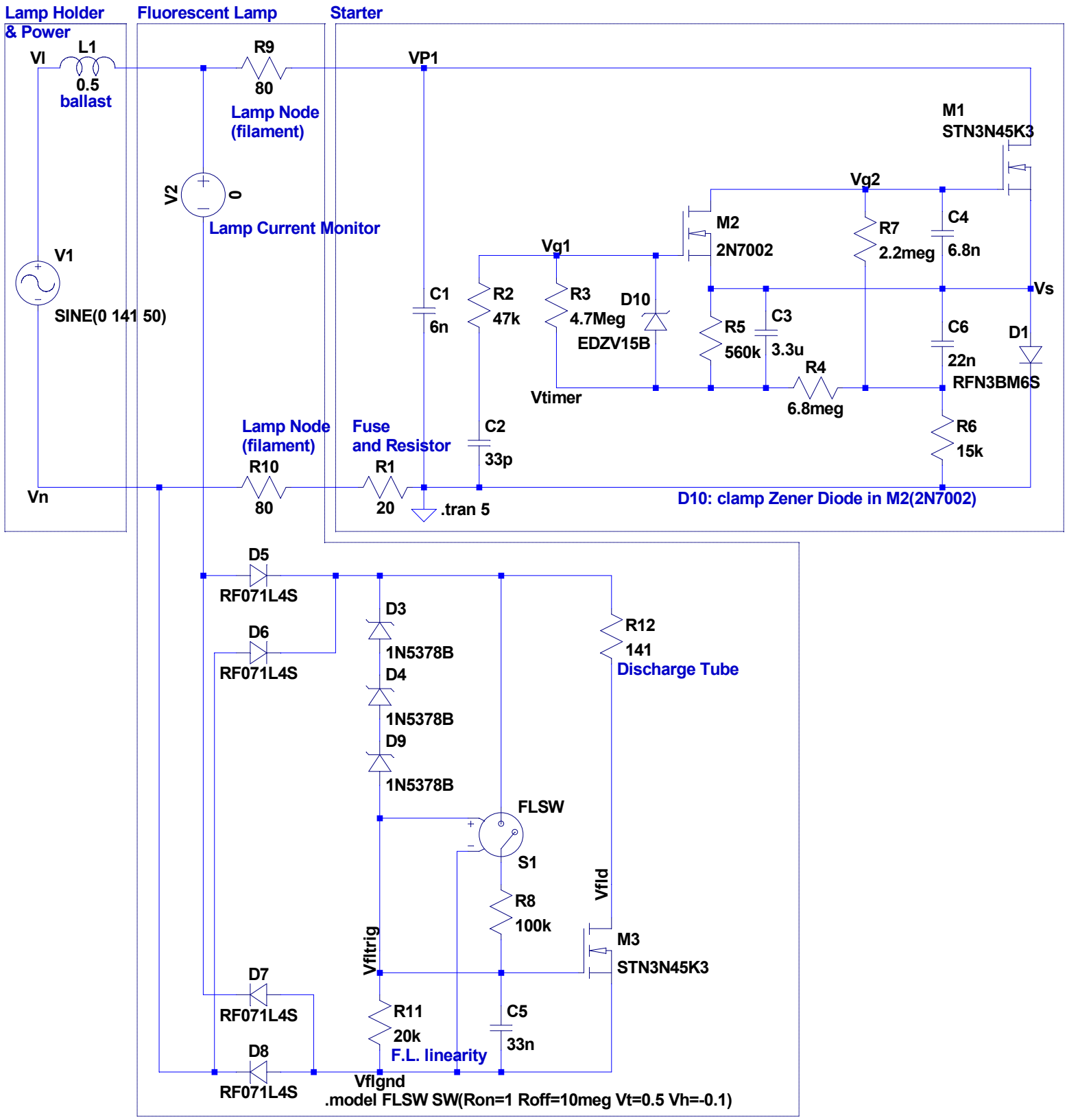
Lamp Holder
& Power
Fluorescent Lamp
Starter
Vl
L1
0.5
ballast
R9
80
Lamp Node
(filament)
VP1
M1
STN3N45K3
V2
0
Lamp Current Monitor
Vg2
M2
2N7002
R7
2.2meg
C4
6.8n
V1
SINE(0 141 50)
Vg1
C1
6n
R2
47k
R3
4.7Meg
D10
EDZV15B
R5
560k
C3
3.3u
Vs
C6
22n
D1
RFN3BM6S
R4
6.8meg
Vtimer
Lamp Node
(filament)
Fuse
and Resistor
C2
33p
R6
15k
R10
80
R1
20
.tran 5
Vn
D10: clamp Zener Diode in M2(2N7002)
D5
RF071L4S
D6
RF071L4S
D3
1N5378B
D4
1N5378B
D9
1N5378B
R12
141
Discharge Tube
FLSW
S1
R8
100k
Vfld
M3
STN3N45K3
Vfltrig
D7
RF071L4S
R11
20k
F.L. linearity
C5
33n
D8
RF071L4S
Vflgnd
.model FLSW SW(Ron=1 Roff=10meg Vt=0.5 Vh=-0.1)