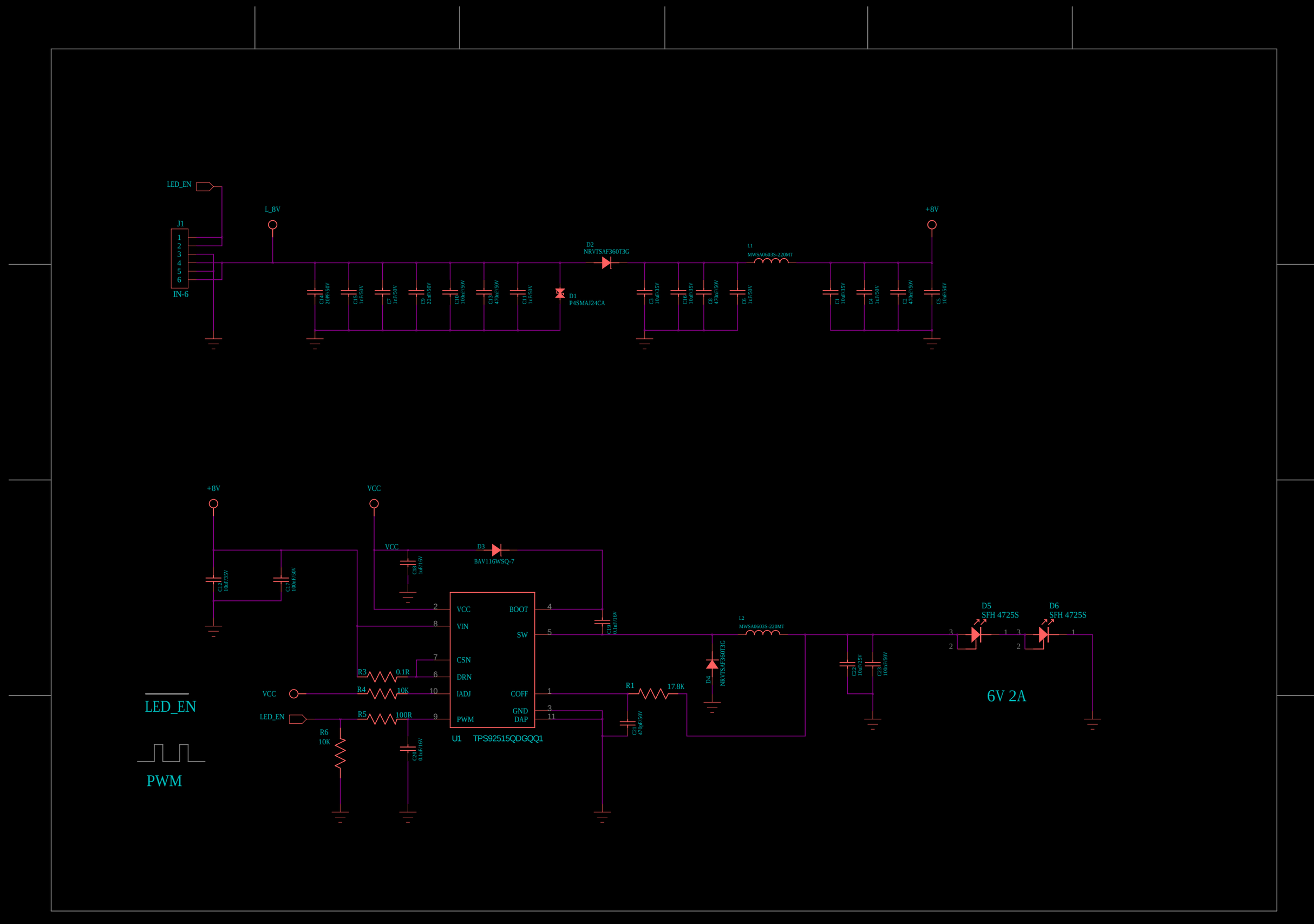
LED_EN
J1
1
2
3
4
5
6
IN-6
L_8V
C14 20PF/50V
C15 1uF/50V
C7 1nF/50V
C9 22nF/50V
C10 100nF/50V
C13 470nF/50V
C11 1uF/50V
D1
P4SMAJ24CA
D2
NRVTSAF360T3G
C3 10uF/35V
C16 10uF/35V
C8 470nF/50V
C6 1uF/50V
L1
MWSA0603S-220MT
C1 10uF/35V
C4 1uF/50V
C2 470nF/50V
C5 10uF/50V
+8V
+8V
VCC
C12 10uF/35V
C17 100nF/50V
VCC
C18 1uF/16V
D3
BAV116WSQ-7
VCC
VIN
CSN
DRN
IADJ
PWM
BOOT
SW
COFF
GND
DAP
U1 TPS92515QDGQQ1
C19 0.1uF/16V
R3 0.1R
R4 10K
R5 100R
VCC
LED_EN
R6
10K
C20 0.1uF/16V
R1 17.8K
C21 470pF/50V
D4
NRVTSAF360T3G
L2
MWSA0603S-220MT
C22 10uF/25V
C23 100nF/50V
D5
SFH 4725S
D6
SFH 4725S
6V 2A
LED_EN
PWM