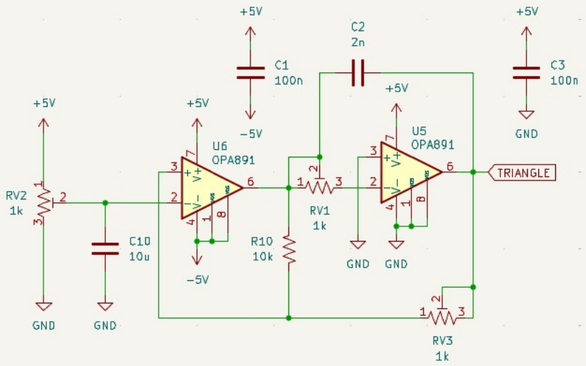
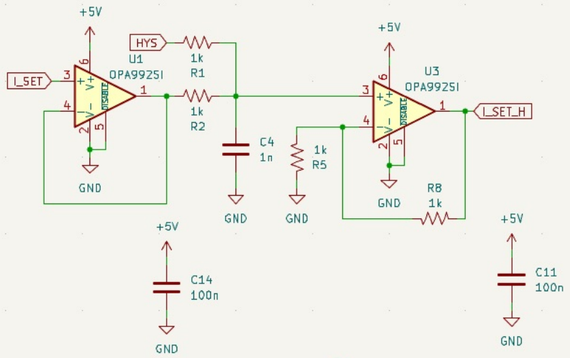
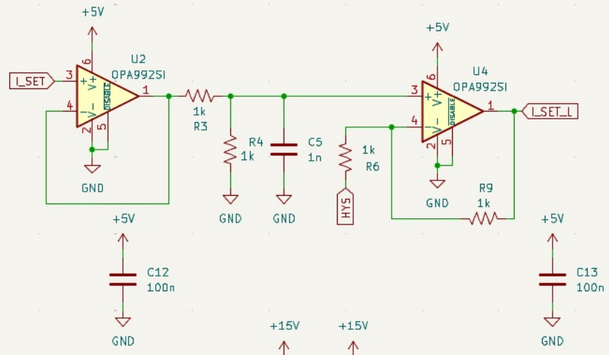
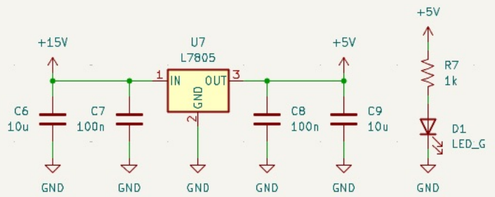
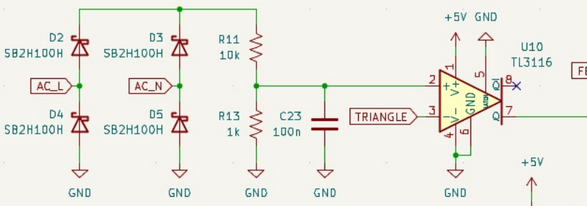
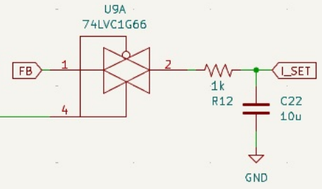

+5V
C1
100n
-5V
C2
2n
+5V
C3
100n
GND
RV2
1k
C10
10u
U6
OPA891
U5
OPA891
TRIANGLE
RV1
1k
R10
10k
GND
RV3
1k

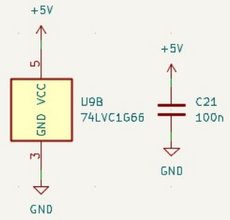

+5V
HYS
U1
OPA992SI
R1
1k
I_SET
R2
1k
C4
1n
U3
OPA992SI
I_SET_H
R5
1k
RB
1k
GND
C14
100n
C11
100n

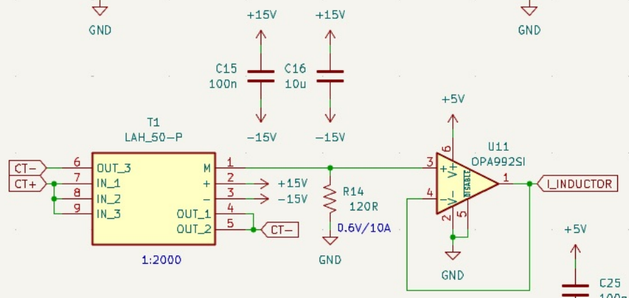

+5V
U2
OPA992SI
I_SET
R3
1k
R4
1k
C5
1n
U4
OPA992SI
I_SET_L
R6
1k
HYS
R9
1k
GND
C12
100n
C13
100n

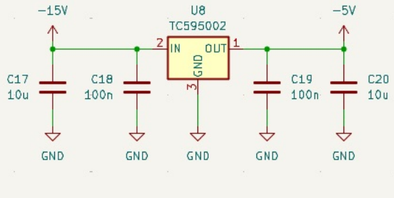

+15V
U7
L7805
+5V
C6
10u
C7
100n
C8
100n
C9
10u
R7
1k
D1
LED_G
GND

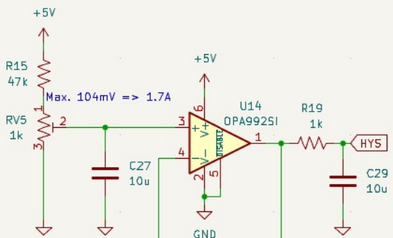

D2
SB2H100H
D3
SB2H100H
D4
SB2H100H
D5
SB2H100H
AC_L
AC_N
R11
10k
R13
1k
C23
100n
TRIANGLE
U10
TL3116
+5V
GND
C24
100n

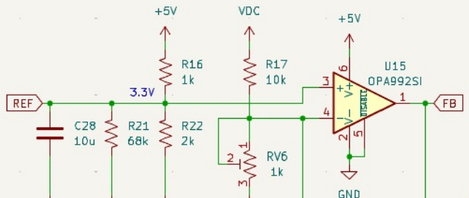

U9A
74LVC1G66
FB
I_SET
1k
R12
C22
10u

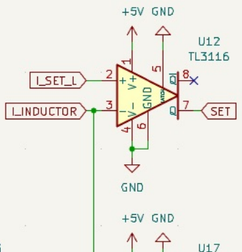

+5V
U9B
74LVC1G66
VCC
GND
C21
100n


C15
100n
C16
10u
+15V
-15V
T1
LAH_50-P
CT-
CT+
OUT_3
IN_1
IN_2
IN_3
M
OUT_1
OUT_2
1:2000
R14
120R
0.6V/10A
U11
OPA992SI
I_INDUCTOR
C25
100n

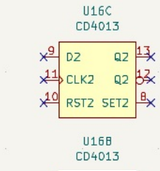

-15V
U8
TC595002
-5V
C17
10u
C18
100n
C19
100n
C20
10u
GND

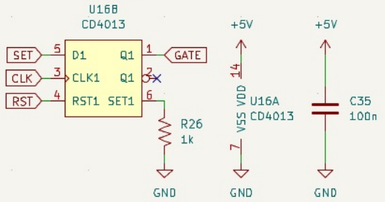

R15
47k
Max. 104mV => 1.7A
RV5
1k
U14
OPA992SI
R19
1k
HYS
C27
10u
C29
10u
GND

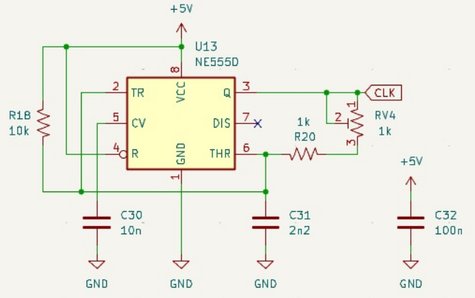

REF
3.3V
VDC
R16
1k
R17
10k
R21
68k
R22
2k
RV6
1k
U15
OPA992SI
FB
C28
10u
10k
R23
1u
C34
47p
C36
C33
100n

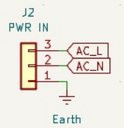

I_SET_L
I_INDUCTOR
U12
TL3116
SET
GND
U17
TL3116
I_SET_H
RST

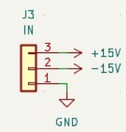

+5V
C26
100n
GND

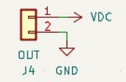

U16C
CD4013
D2
CLK2
RST2
Q2
SET2

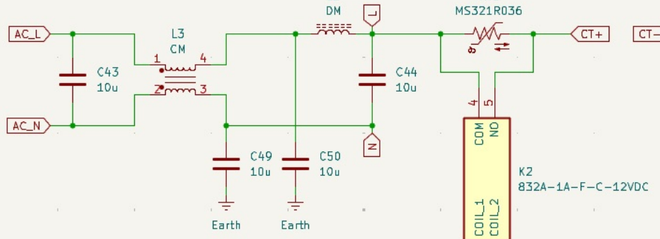

U16B
CD4013
SET
CLK
RST
D1
CLK1
RST1
Q1
SET1
GATE
R26
1k
U16A
CD4013
VSS
VDD
C35
100n

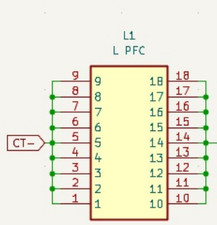

+5V
U13
NE555D
TR
CV
R
VCC
GND
Q
DIS
THR
CLK
R18
10k
1k
R20
RV4
1k
C30
10n
C31
2n2
C32
100n

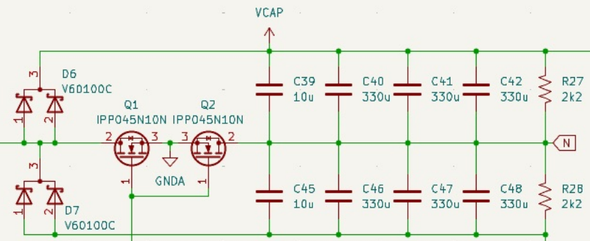

J2
PWR IN
AC_L
AC_N
Earth

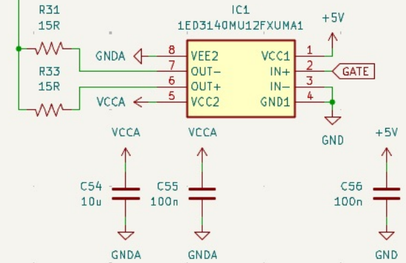

J3
IN
+15V
-15V
GND

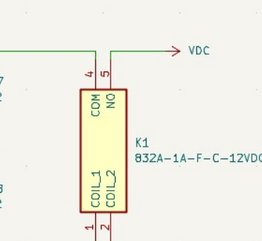

VDC
OUT
J4
GND

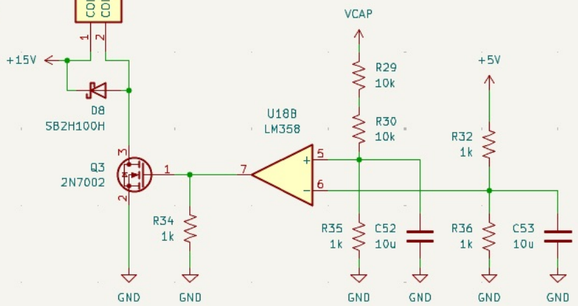

AC_L
AC_N
L3
CM
L2
DM
C43
10u
C44
10u
C49
10u
C50
10u
Earth
TH1
MS321R036
CT+
K2
832A-1A-F-C-12VDC
COM
NO
COIL1
COIL2
D9
SB2H100H
+15V

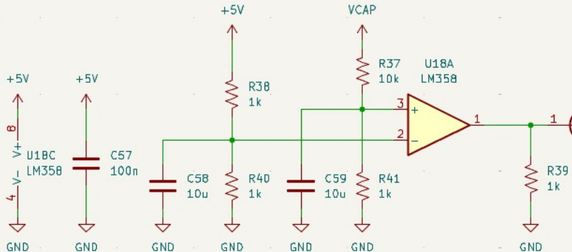

L1
L PFC
CT-


VCAP
D6
V60100C
D7
V60100C
Q1
IPP045N10N
Q2
IPP045N10N
GNDA
C39
10u
C40
330u
C41
330u
C42
330u
C45
10u
C46
330u
C47
330u
C48
330u
R27
2k2
R28
2k2
N


R31
15R
R33
15R
IC1
1ED3140MU12FXUMA1
VEE2
OUT-
OUT+
VCC2
VCC1
IN+
IN-
GND1
GATE
GNDA
VCCA
C54
10u
C55
100n
C56
100n


VDC
K1
832A-1A-F-C-12VDC
COM
NO
COIL1
COIL2
+15V
D8
SB2H100H


VCAP
Q3
2N7002
U18B
LM358
R29
10k
R30
10k
R34
1k
R35
1k
C52
10u
R32
1k
R36
1k
C53
10u
+5V
GND


+5V
U18C
LM358
C57
100n
VCAP
R37
10k
U18A
LM358
R38
1k
C58
10u
R40
1k
C59
10u
R41
1k
Q4
2N7002
R39
1k
GND


+15V
VCCA
GND