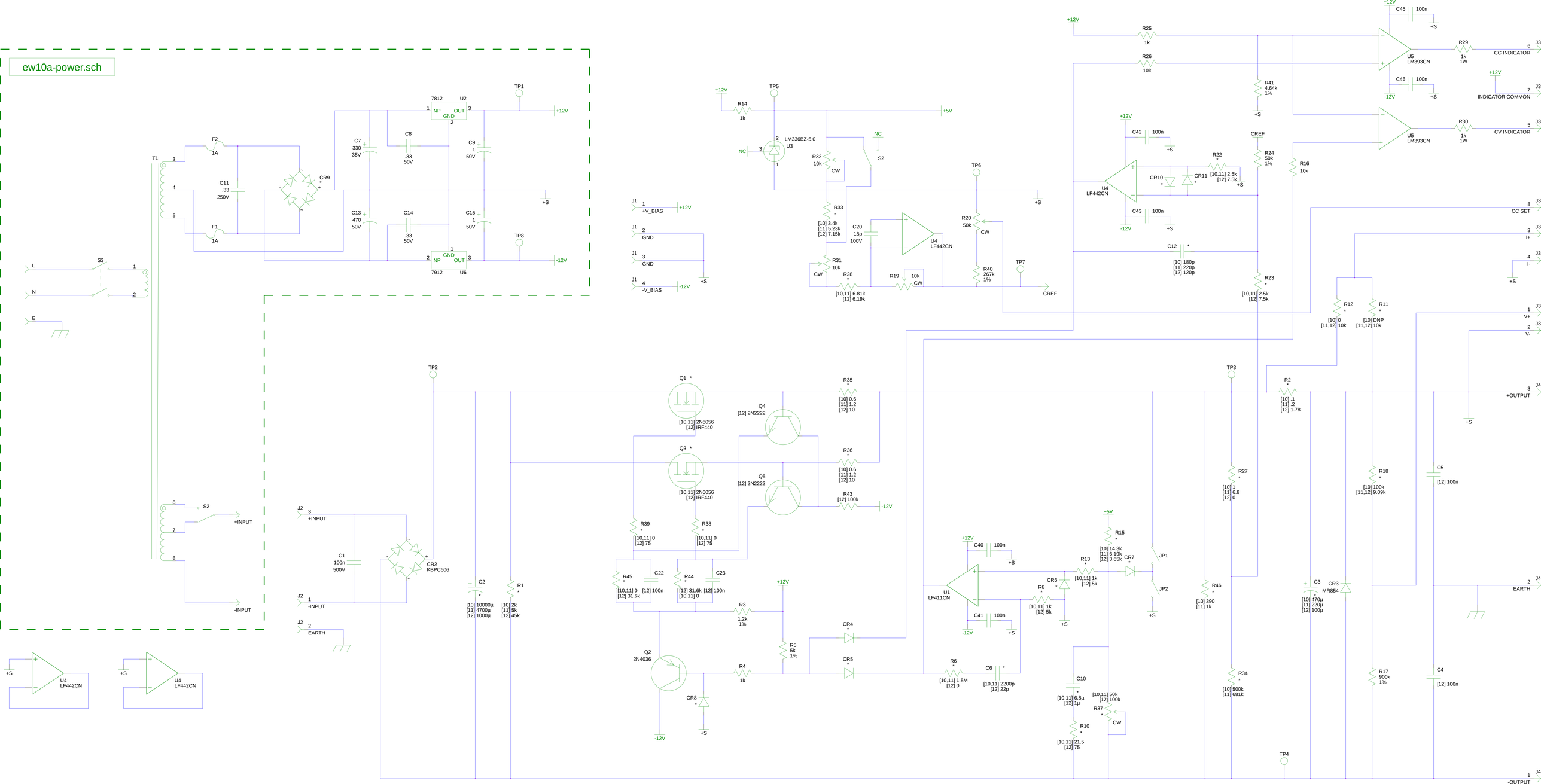
ew10a-power.sch
T1
F2
1A
F1
1A
C11
.33
250V
CR9
C7
330
35V
C8
.33
50V
C9
1
50V
C13
470
50V
C14
.33
50V
C15
1
50V
7812
U2
INP
GND
OUT
7912
U6
TP1
TP8
+12V
-12V
+S
S3
L
N
E
S2
+INPUT
-INPUT
J2
3
+INPUT
1
-INPUT
2
EARTH
C1
100n
500V
CR2
KBPC606
C2
[10] 10000µ
[11] 4700µ
[12] 1000µ
R1
[10] 2k
[11] 5k
[12] 45k
TP2
J1
1
+V_BIAS
2
GND
3
GND
4
-V_BIAS
TP5
R14
1k
LM336BZ-5.0
U3
NC
S2
R32
10k
CW
R33
[10] 3.4k
[11] 5.23k
[12] 7.15k
R31
10k
CW
R28
[10,11] 6.81k
[12] 6.19k
C20
18p
100V
U4
LF442CN
R19
10k
CW
TP6
R20
50k
CW
R40
267k
1%
TP7
CREF
+5V
Q1
[10,11] 2N6056
[12] IRF440
Q3
[10,11] 2N6056
[12] IRF440
Q4
[12] 2N2222
Q5
[12] 2N2222
R35
[10] 0.6
[11] 1.2
[12] 10
R36
[10] 0.6
[11] 1.2
[12] 10
R43
[12] 100k
R39
[10,11] 0
[12] 75
R38
[10,11] 0
[12] 75
R45
[10,11] 0
[12] 31.6k
C22
[12] 100n
R44
[12] 31.6k
[10,11] 0
C23
[12] 100n
R3
1.2k
1%
R5
5k
1%
R4
1k
Q2
2N4036
CR8
CR4
CR5
R6
[10,11] 1.5M
[12] 0
C6
[10,11] 2200p
[12] 22p
U1
LF411CN
C40
100n
C41
100n
R15
[10] 14.3k
[11] 6.19k
[12] 3.65k
R13
[10,11] 1k
[12] 5k
CR7
JP1
JP2
CR6
R8
[10,11] 1k
[12] 5k
C10
[10,11] 6.8µ
[12] 1µ
R37
[10,11] 50k
[12] 100k
CW
R10
[10,11] 21.5
[12] 75
TP3
TP4
R2
[10] .1
[11] .2
[12] 1.78
R27
[10] 1
[11] 6.8
[12] 0
R46
[10] 390
[11] 1k
R34
[10] 500k
[11] 681k
R18
[10] 100k
[11,12] 9.09k
R17
900k
1%
C3
[10] 470µ
[11] 220µ
[12] 100µ
CR3
MR854
C5
[12] 100n
C4
[12] 100n
R12
[10] 0
[11,12] 10k
R11
[10] DNP
[11,12] 10k
U4
LF442CN
C42
100n
C43
100n
CR10
CR11
R22
[10,11] 2.5k
[12] 7.5k
C12
[10] 180p
[11] 220p
[12] 120p
R23
[10,11] 2.5k
[12] 7.5k
R24
50k
1%
R16
10k
R41
4.64k
1%
R25
1k
R26
10k
U5
LM393CN
C45
100n
C46
100n
R29
1k
1W
R30
1k
1W
CC INDICATOR
INDICATOR COMMON
CV INDICATOR
CC SET
I+
I-
V+
V-
+OUTPUT
EARTH
-OUTPUT