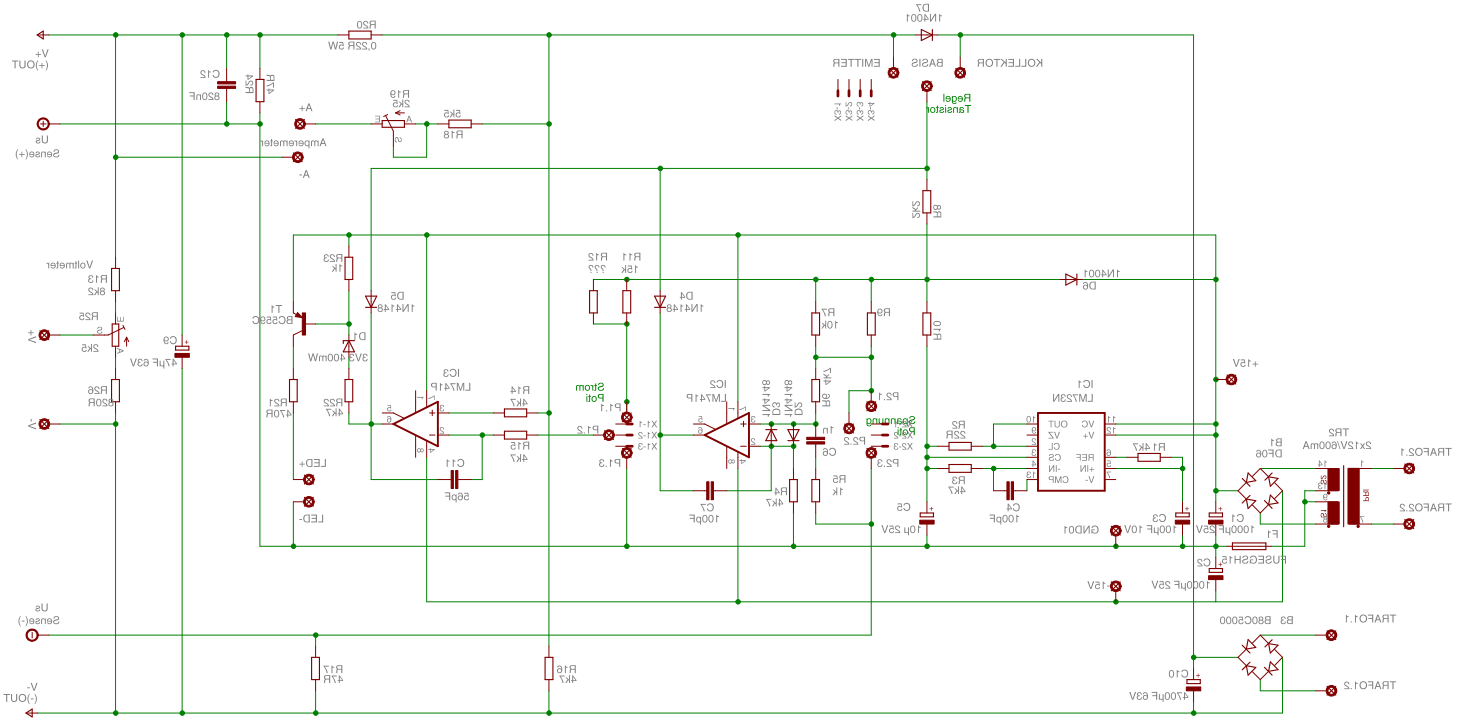
V+
(+)OUT
R20
0,22R 5W
C12
820nF
R24
47R
D7
1N4001
KOLLEKTOR
BASIS
EMITTER
Regel
Transistor
Us
Sense(+)
A+
Amperemeter
A-
R19
2K5
R18
5K6
5K2
R1
Voltmeter
R13
8K2
R25
2K5
C9
47µF 63V
R29
1K
T1
BC558C
D5
1N4148
D1
3V3 400mW
R28
820R
R21
470R
R22
4K7
IC3
LM741P
R14
4K7
R15
4K7
C11
56pF
LED+
LED-
R11
15K
R12
222
D4
1N4148
Strom
Poti
P1.1
P1.2
P1.3
X1-1
X1-2
X1-3
IC2
LM741P
R8
1M
R10
1M
C2
1n
C6
100pF
R7
10K
R9
10K
R6
1K
R4
4K7
C7
100pF
P2.1
Spannung
Poti
P2.2
P2.3
X2-1
X2-2
X2-3
R2
22R
R3
4K7
C5
10µ 25V
C4
100pF
IC1
LM723N
VC
V+
CL
CS
REF
-IN
+IN
V-
OUT
VZ
CMP
R1 4K7
+15V
GND01
C3
100µF 10V
C1
1000µF 25V
F1
RUSEGSH15
C2
100µF 25V
-15V
TR2
2x12V/800mA
TRAFO2.1
TRAFO2.2
B1
DF06
B3
B80C5000
TRAFO1.1
TRAFO1.2
C10
4700µF 63V
Us
Sense(-)
V-
(-)OUT
R17
47R
R16
4K7