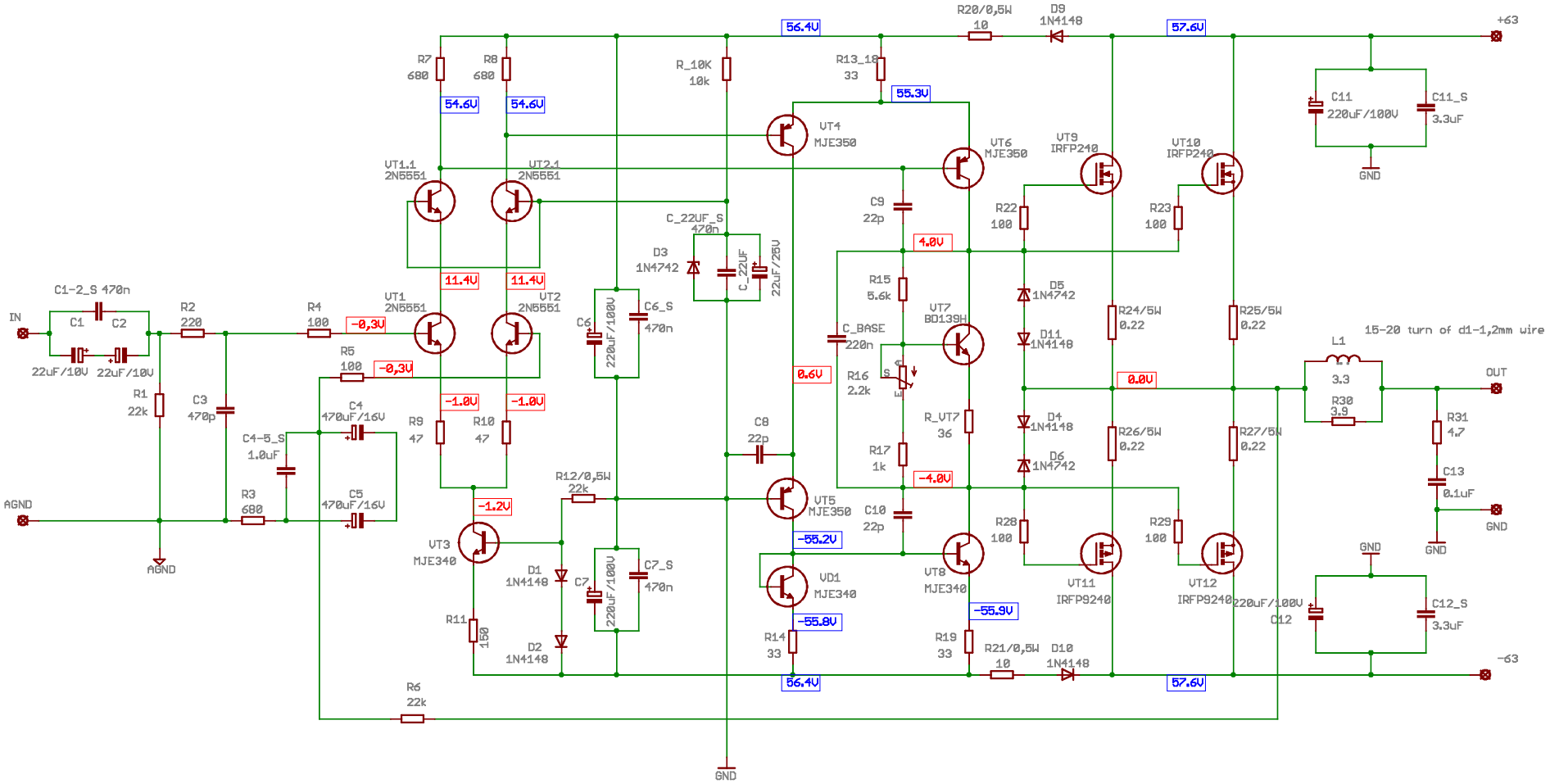
IN
AGND
C1-2_S 470n
C1
C2
22uF/10V
22uF/10V
R1
22k
R2
220
C3
470p
R3
680
C4-5_S
1.0uF
R4
100
R5
100
C4
470uF/16V
C5
470uF/16V
R6
22k
R7
680
R8
680
R9
47
R10
47
R11
150
VT1.1
2N5551
VT2.1
2N5551
VT1
2N5551
VT2
2N5551
VT3
MJE340
D1
1N4148
D2
1N4148
C6
220uF/100V
C6_S
470n
C7
220uF/100V
C7_S
470n
R12/0,5W
22k
C_22UF_S
470n
D3
1N4742
C_22UF
22uF/25V
R_10K
10k
C8
22p
VT4
MJE350
VT5
MJE350
VD1
MJE340
R13_18
33
R14
33
C9
22p
C10
22p
VT6
MJE350
VT8
MJE340
R15
5.6k
C_BASE
220n
R16
2.2k
R17
1k
VT7
BD139H
R_VT7
36
R20/0,5W
10
D9
1N4148
R21/0,5W
10
D10
1N4148
R19
33
VT9
IRFP240
VT10
IRFP240
VT11
IRFP9240
VT12
IRFP9240
D5
1N4742
D11
1N4148
D4
1N4148
D6
1N4742
R22
100
R23
100
R28
100
R29
100
R24/5W
0.22
R26/5W
0.22
R25/5W
0.22
R27/5W
0.22
L1
3.3
R30
3.9
15-20 turn of d1-1,2mm wire
OUT
R31
4.7
C13
0.1uF
C11
220uF/100V
C11_S
3.3uF
C12
220uF/100V
C12_S
3.3uF
+63
-63
GND
56.4V
55.3V
57.6V
54.6V
54.6V
11.4V
11.4V
-0,3V
-0,3V
-1.0V
-1.0V
-1.2V
0.6V
4.0V
0.0V
-4.0V
-55.2V
-55.8V
-55.9V
56.4V
57.6V