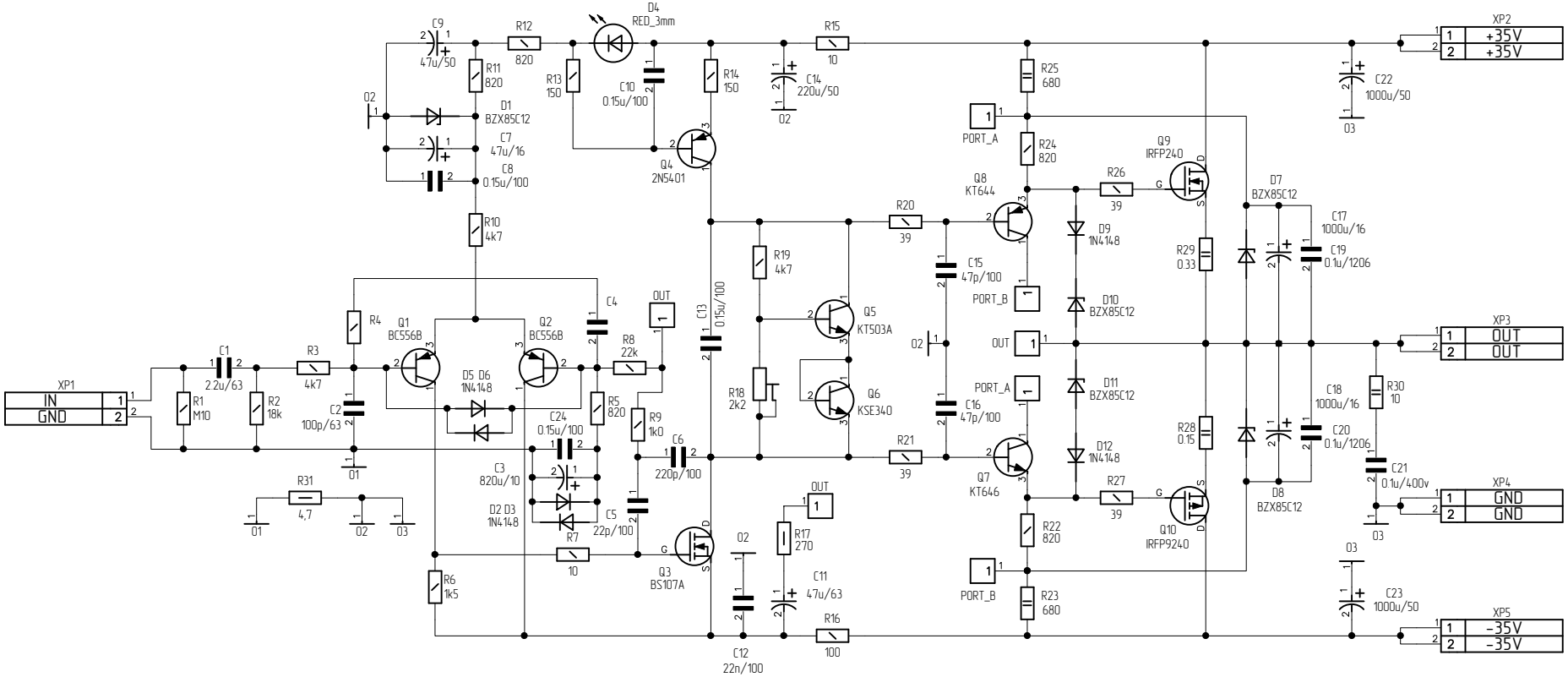
XP1
IN
GND
XP2
+35V
+35V
XP3
OUT
OUT
XP4
GND
GND
XP5
-35V
-35V
D4
RED_3mm
C9
4.7u/50
R12
820
R11
820
D1
BZX85C12
C7
47u/16
C8
0.15u/100
R10
4k7
R13
150
C10
0.15u/100
R14
150
Q4
2N5401
R15
10
C14
220u/50
R25
680
R24
820
PORT_A
Q8
KT644
R26
39
Q9
IRFP240
D9
1N4148
D10
BZX85C12
R29
0.33
D7
BZX85C12
C17
1000u/16
C19
0.1u/1206
C22
1000u/50
R20
39
C15
47p/100
PORT_B
OUT
PORT_A
C16
47p/100
Q7
KT646
R21
39
D11
BZX85C12
D12
1N4148
R28
0.15
R27
39
Q10
IRFP9240
D8
BZX85C12
C18
1000u/16
C20
0.1u/1206
R30
10
C21
0.1u/400v
R22
820
PORT_B
R23
680
C23
1000u/50
R19
4k7
Q5
KT503A
R18
2k2
Q6
KSE340
C13
0.15u/100
OUT
R4
Q1
BC556B
Q2
BC556B
C4
R8
22k
C1
2.2u/63
R3
4k7
R1
M10
R2
18k
C2
100p/63
D5 D6
1N4148
C24
0.15u/100
C3
820u/10
D2 D3
1N4148
R5
820
R9
1kO
C6
220p/100
C5
22p/100
R7
10
R6
1k5
Q3
BS107A
R31
4,7
R17
270
C11
47u/63
C12
22n/100
R16
100