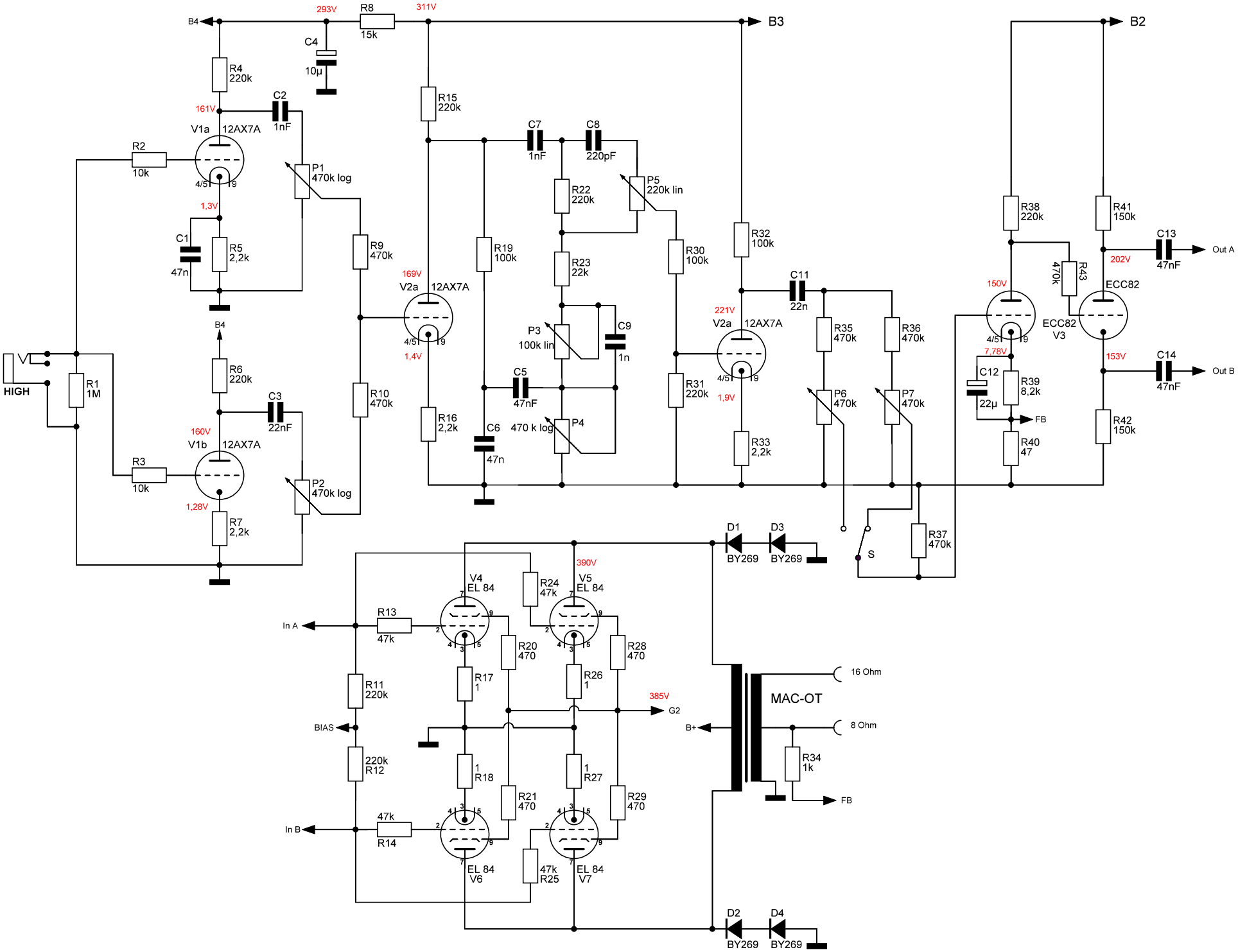
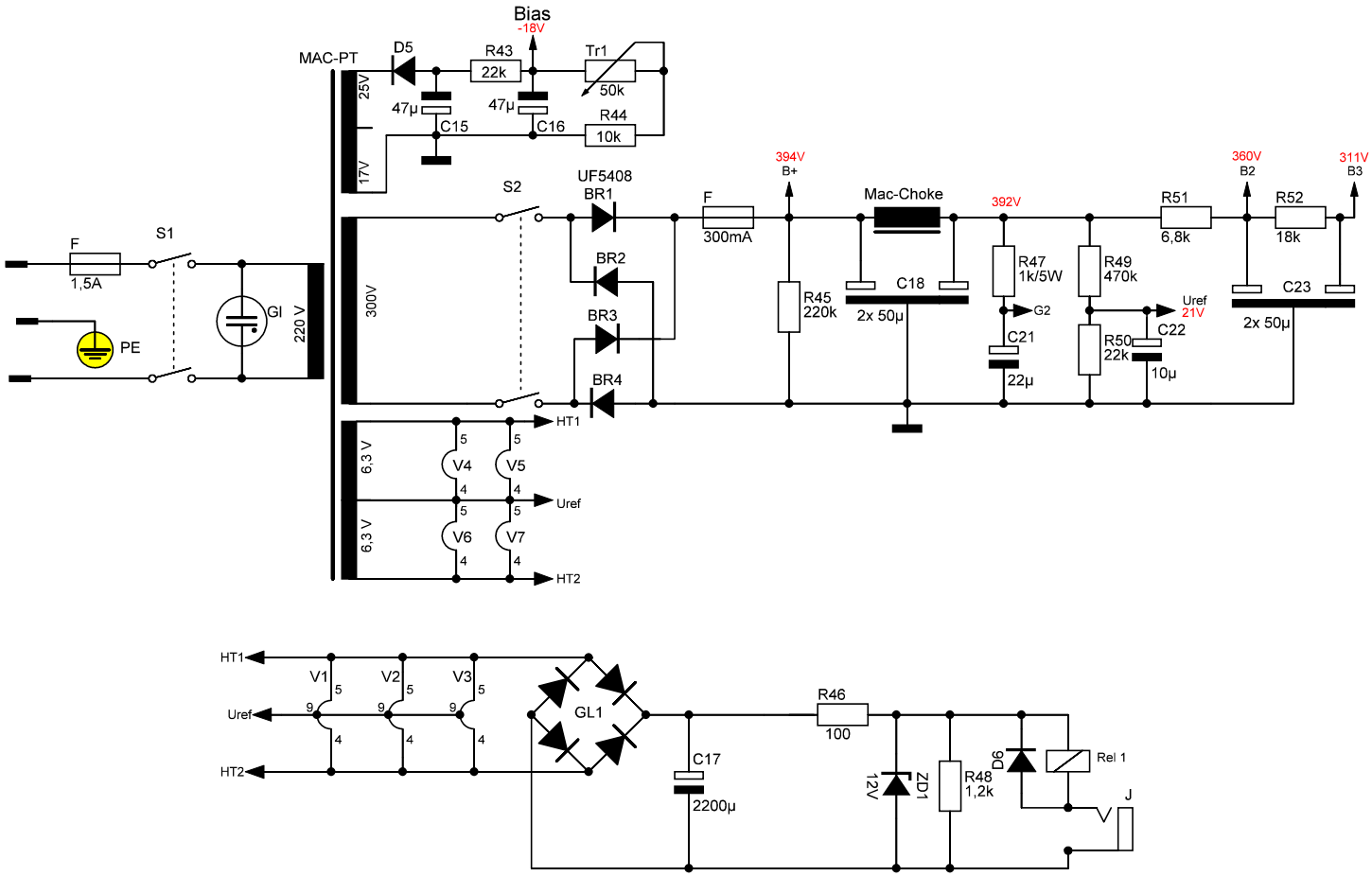
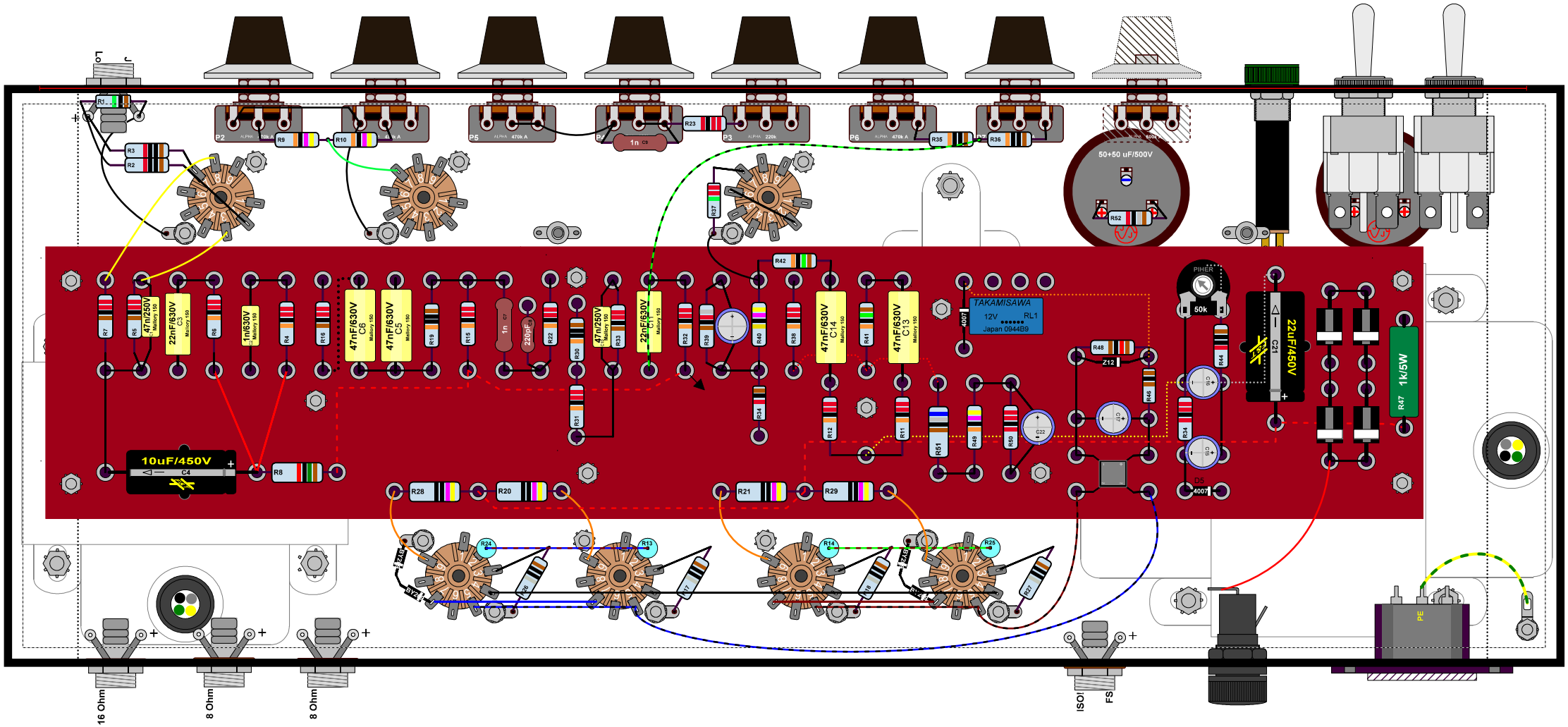

B4
293V
R8
15k
311V
B3
B2
C4
10µ
R4
220k
161V
C2
1nF
V1a
12AX7A
R2
10k
4/5
9
1,3V
C1
47n
R5
2,2k
P1
470k log
R9
470k
R10
470k
R15
220k
C7
1nF
C8
220pF
R22
220k
P5
220k lin
R23
22k
R30
100k
R32
100k
R19
100k
169V
V2a
12AX7A
1,4V
P3
100k lin
C9
1n
C5
47nF
C6
47n
470 k log
P4
R16
2,2k
221V
V2a
12AX7A
1,9V
C11
22n
R31
220k
R33
2,2k
R35
470k
R36
470k
P6
470k
P7
470k
R37
470k
S
D1
BY269
D3
BY269
R38
220k
R41
150k
C13
47nF
Out A
202V
150V
R43
470k
ECC82
ECC82
V3
153V
C14
47nF
Out B
7,78V
C12
22µ
R39
8,2k
FB
R40
47
R42
150k
VL
HIGH
R1
1M
B4
R6
220k
C3
22nF
160V
V1b
12AX7A
R3
10k
1,28V
R7
2,2k
P2
470k log
390V
V4
EL 84
V5
EL 84
R24
47k
In A
R13
47k
R20
470
R28
470
R17
1
R26
1
385V
G2
R11
220k
BIAS
220k
R12
1
R18
1
R27
R21
470
R29
470
In B
47k
R14
47k
R25
EL 84
V6
EL 84
V7
MAC-OT
16 Ohm
B+
8 Ohm
R34
1k
FB
D2
BY269
D4
BY269


Bias
-18V
MAC-PT
D5
R43
22k
Tr1
50k
47µ
C15
47µ
C16
R44
10k
25V
17V
S2
UF5408
BR1
F
300mA
394V
B+
Mac-Choke
392V
R51
6,8k
360V
B2
R52
18k
311V
B3
F
1,5A
S1
BR2
BR3
BR4
R45
220k
C18
2x 50µ
R47
1k/5W
G2
C21
22µ
R49
470k
Uref
21V
C22
10µ
R50
22k
C23
2x 50µ
GI
220 V
300V
PE
HT1
6,3 V
V4
V5
Uref
V6
V7
6,3 V
HT2
HT1
V1
V2
V3
Uref
HT2
GL1
C17
2200µ
R46
100
ZD1
12V
R48
1,2k
D6
Rel 1
J



50+50 uF/500V
TAKAMISAWA
12V
RL1
Japan 0944B9
PIHER
50k
22uF/450V
1k/5W
10uF/450V
47nF/630V
22nF/630V
47nF/630V
1n/630V
47nF/630V
47nF/630V
22nF/630V
47nF/630V
47nF/630V
16 Ohm
8 Ohm
8 Ohm
ISO
FS
PE