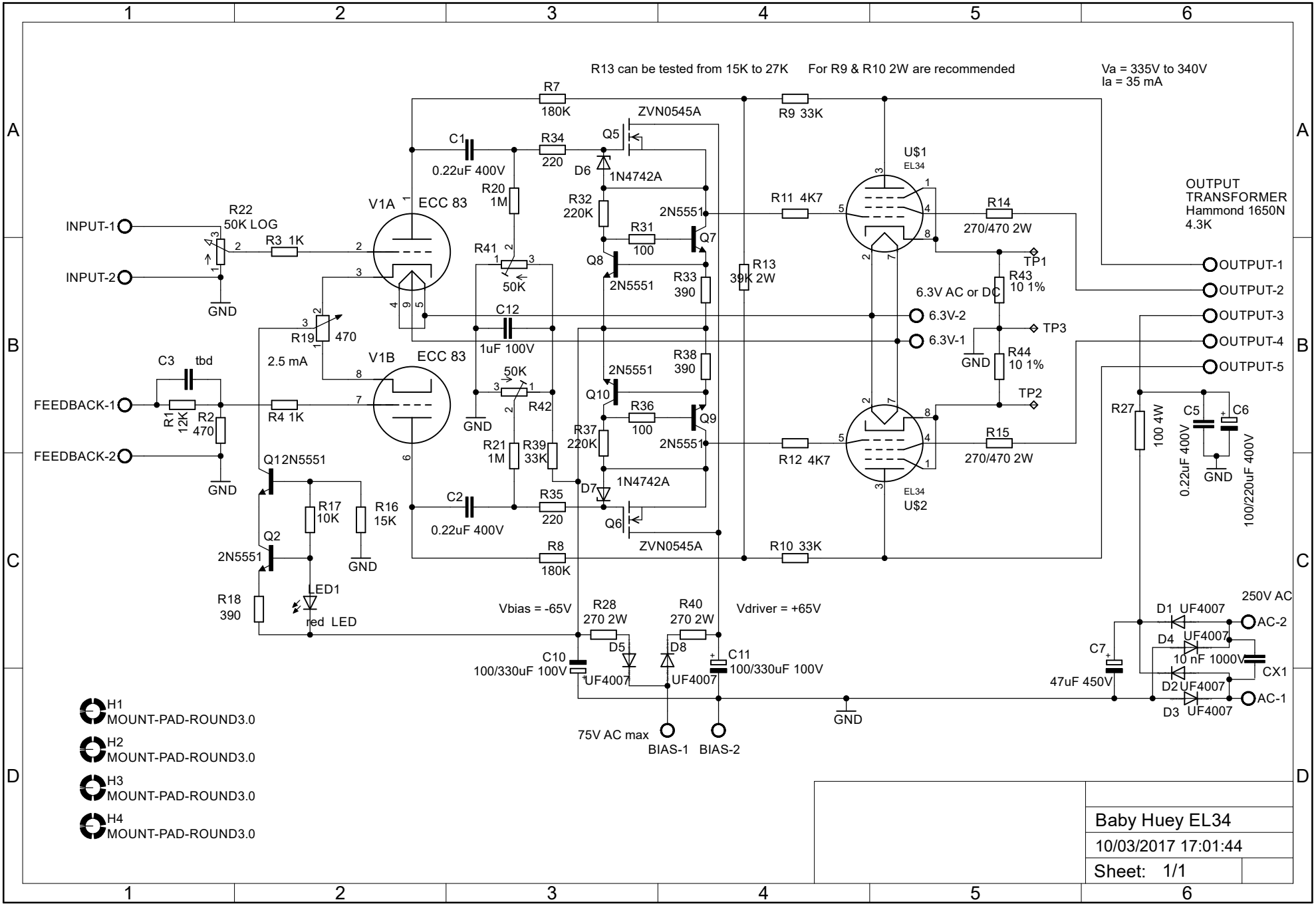
R13 can be tested from 15K to 27K
For R9 & R10 2W are recommended
Va = 335V to 340V
Ia = 35 mA
R7 180K
ZVN0545A
R9 33K
C1 0.22uF 400V
R34 220
Q5
D6 1N4742A
U$1 EL34
OUTPUT TRANSFORMER Hammond 1650N 4.3K
R20 1M
V1A ECC 83
R32 220K
2N5551
R11 4K7
R14 270/470 2W
INPUT-1
INPUT-2
R22 50K LOG
R3 1K
R31 100
Q7
R41 50K
Q8 2N5551
R33 390
R13 39K 2W
TP1
R43 10 1%
6.3V AC or DC
OUTPUT-1
OUTPUT-2
OUTPUT-3
OUTPUT-4
OUTPUT-5
6.3V-2
6.3V-1
TP3
GND
R44 10 1%
C12 1uF 100V
R19 470
2.5 mA
V1B ECC 83
C3 tbd
R38 390
2N5551
Q10
TP2
FEEDBACK-1
FEEDBACK-2
R1 12K
R2 470
R4 1K
R42 50K
R36 100
Q9
R37 220K
R21 1M
R39 33K
2N5551
R12 4K7
R15 270/470 2W
R27 100 4W
C5 0.22uF 400V
C6 100/220uF 400V
Q12N5551
D7 1N4742A
C2 0.22uF 400V
R35 220
Q6 ZVN0545A
R17 10K
R16 15K
R8 180K
R10 33K
Q2 2N5551
R18 390
LED1 red LED
Vbias = -65V
R28 270 2W
R40 270 2W
Vdriver = +65V
250V AC
D1 UF4007
AC-2
D4 UF4007
C7 47uF 450V
10 nF 1000V
CX1
D2 UF4007
AC-1
D3 UF4007
C10 100/330uF 100V
D5 UF4007
D8 UF4007
C11 100/330uF 100V
75V AC max
BIAS-1
BIAS-2
H1 MOUNT-PAD-ROUND3.0
H2 MOUNT-PAD-ROUND3.0
H3 MOUNT-PAD-ROUND3.0
H4 MOUNT-PAD-ROUND3.0
Baby Huey EL34
10/03/2017 17:01:44
Sheet: 1/1