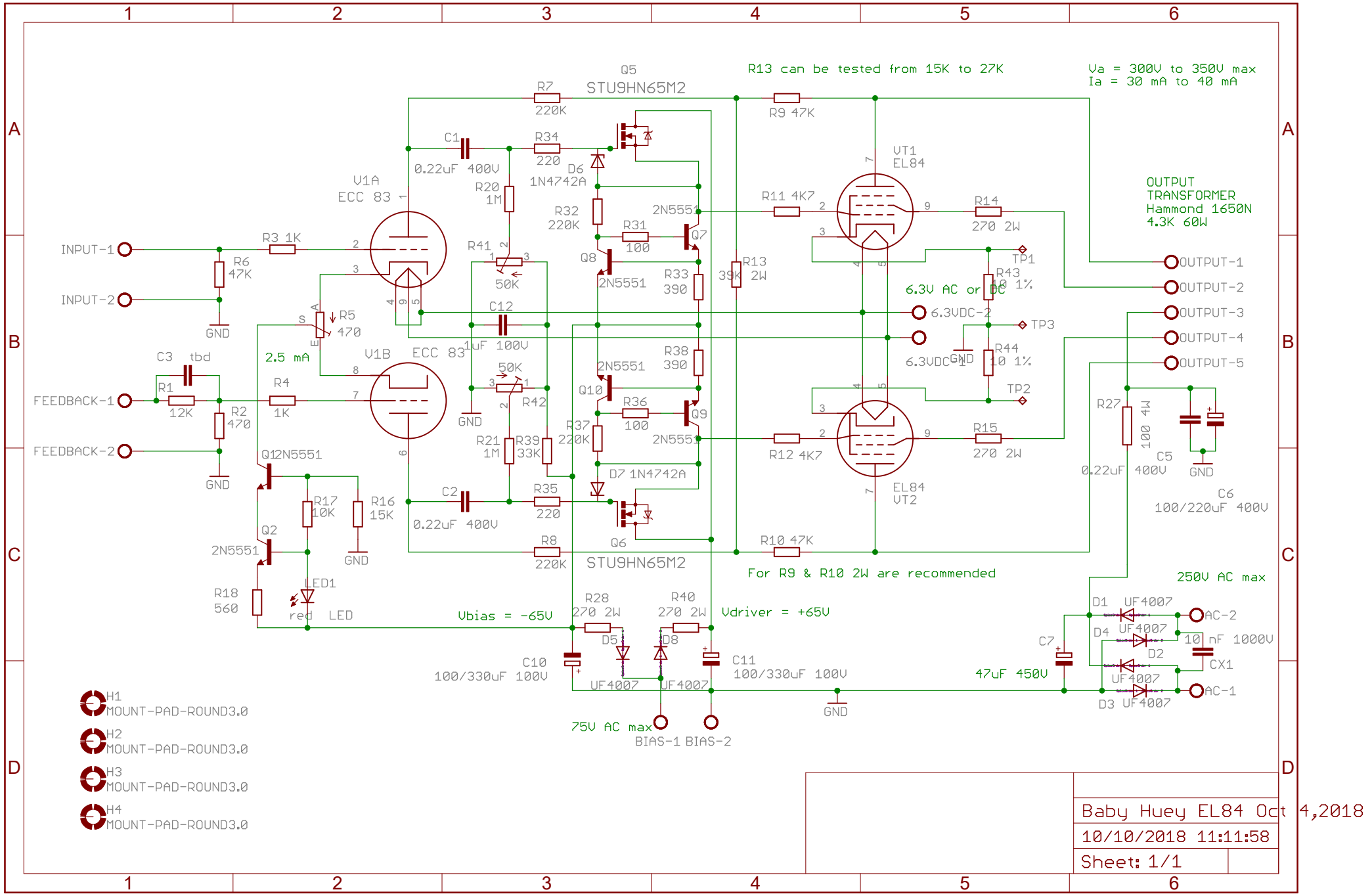
R13 can be tested from 15K to 27K
Va = 300V to 350V max
Ia = 30 mA to 40 mA
Q5
STU9HN65M2
R7 220K
R9 47K
C1 0.22uF 400V
R34 220
D6 1N4742A
V1A ECC 83
R20 1M
VT1 EL84
R11 4K7
R14 270 2W
R32 220K
2N5551
Q7
R31 100
Q8
2N5551
R33 390
R13 39K 2W
OUTPUT TRANSFORMER Hammond 1650N 4.3K 60W
OUTPUT-1
OUTPUT-2
OUTPUT-3
OUTPUT-4
OUTPUT-5
INPUT-1
INPUT-2
R3 1K
R6 47K
R41 50K
TP1
R43 10 1%
6.3V AC or DC
6.3VDC-2
TP3
6.3VDC-1
R44 10 1%
TP2
C12 1uF 100V
R5 470
2.5 mA
V1B ECC 83
C3 tbd
R1 12K
R4 1K
R2 470
FEEDBACK-1
FEEDBACK-2
GND
50K
R42
2N5551
Q10
R36 100
Q9
2N5551
R38 390
R37 220K
R21 1M
R39 33K
D7 1N4742A
R12 4K7
R15 270 2W
EL84 VT2
R27 100 4W
C5 0.22uF 400V
C6 100/220uF 400V
Q12N5551
R17 10K
R16 15K
C2 0.22uF 400V
R35 220
Q2 2N5551
R8 220K
Q6
STU9HN65M2
R10 47K
For R9 & R10 2W are recommended
250V AC max
R18 560
LED1 red LED
Vbias = -65V
R28 270 2W
R40 270 2W
Vdriver = +65V
D1 UF4007
D4 UF4007
D2
D3 UF4007
10 nF 1000V
CX1
AC-2
AC-1
C7 47uF 450V
D5
D8
C10 100/330uF 100V
C11 100/330uF 100V
UF4007
UF4007
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 EL84 Oct 4,2018
10/10/2018 11:11:58
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