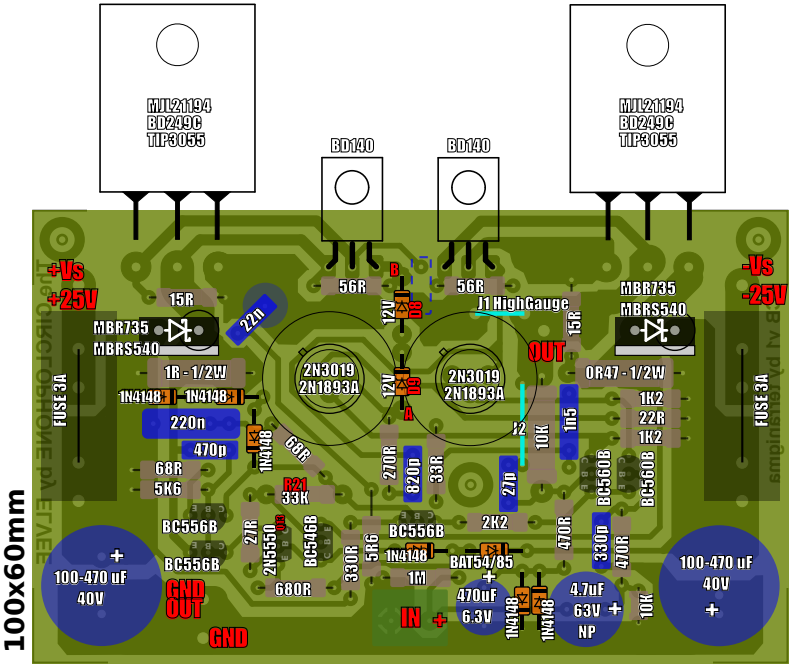

R21 & Vs

25V : 33K
25-30V : 39K
30-35V : 47K
35-40V : 56K
40-45V : 62K
45-50V : 68K

D8,D9 & Vs

Two Zeners:
D8+D9 =~Vs
or Single Zener:
(A) to (B) ~Vs 1/2W

Q13 & Vs

Vceo > 2xVs

If no buffer/pre-amp will be used, input potentiometer value must be lower than 10K.