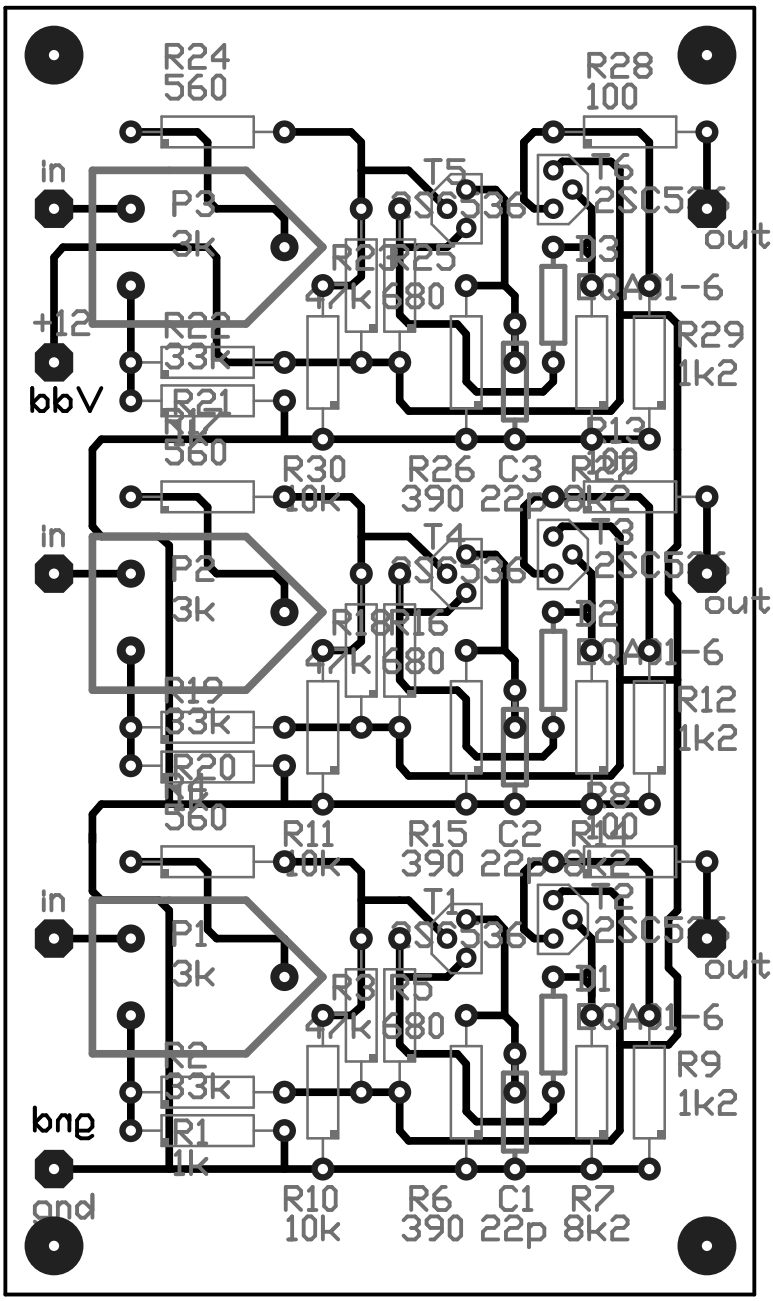
NOTES:

2SC536 = BC547C

D1 = zener 6V