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Shown below is the latest update for the N-channel Amplifier.

A number of people who have built this amplifier have had trouble thermally stabilizing the o/p stage.

So I have gone back to the drawing board and redesigned the biasing network and output stage.

I have added 0.33 Ohm degenerative resistors, reduced the power dissipation in the voltage regulator by changing ZD4 from 15v Zener to 9.1volts, replaced the MJE340 VBE multiplier with I RF610 and changed the P1, R21 and R35 values from 20k to 2k, 1k to 1120 Ohms and 120 Ohms to 22 Ohms respectively....

These modifications have produced a very thermally stable and easily adjustable biasing stage.

For others of you that will be building this amplifier these modifications are strongly recommended.

Warm regards

Anthony E Holton

