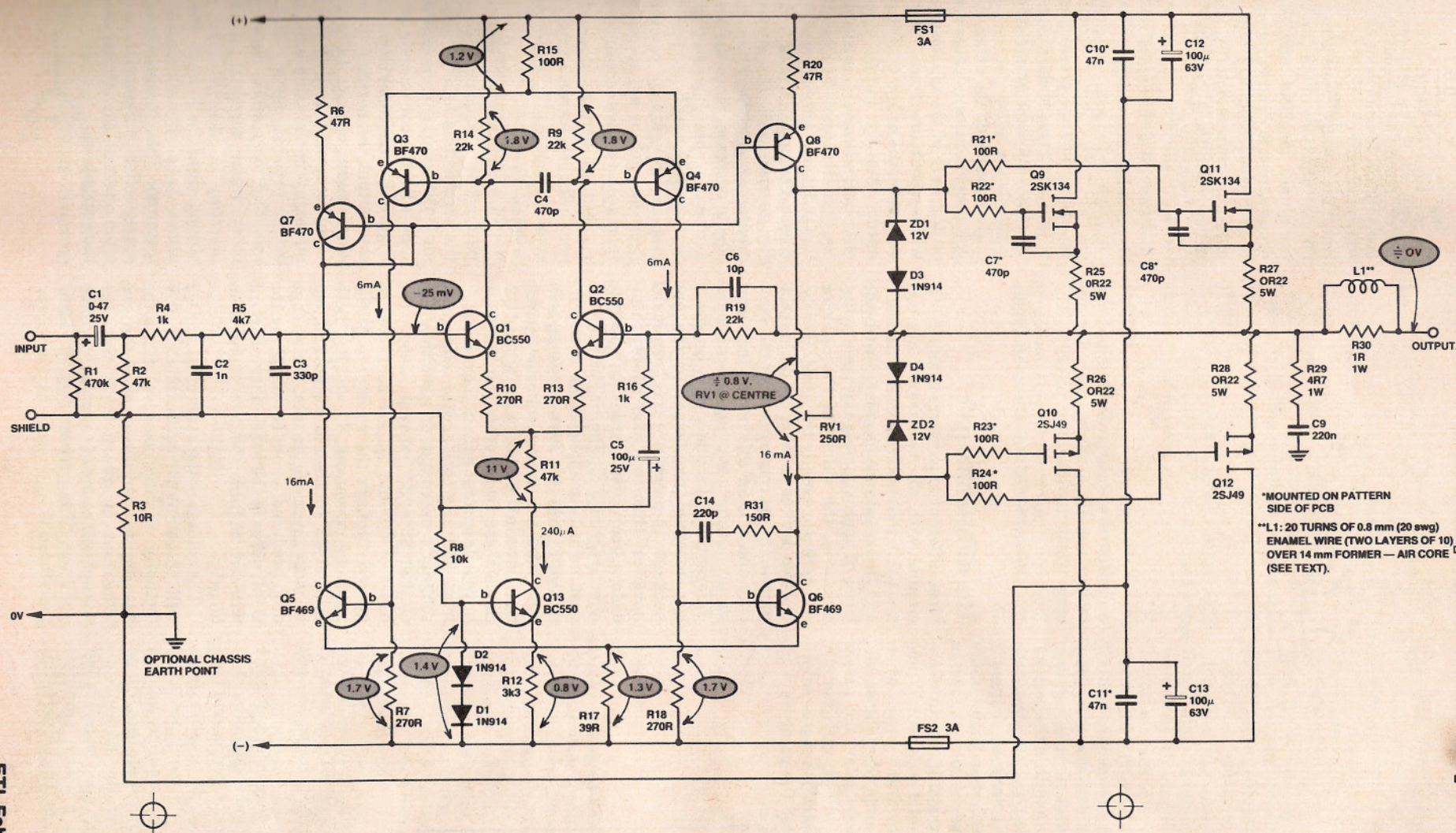


Transistor Q13 and the associated components R8, R12 and D1, D2 form a constant

flow in this resistor. This current is shared by Q3 and Q4 and causes a 1.7 V drop across resistors R7 and R18. Once again, the effective input impedance of Q5 and Q6 is in parallel

and Q5 therefore form the main voltage gain section of the amplifier and have a typical emitter-collector current of 16 mA. The preset RV1 will drop nominally 1 V across it when the

voltage measurements on a number of prototypes, and slight deviations from these should be expected. A more detailed description of the operating principles is given in the main text.



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