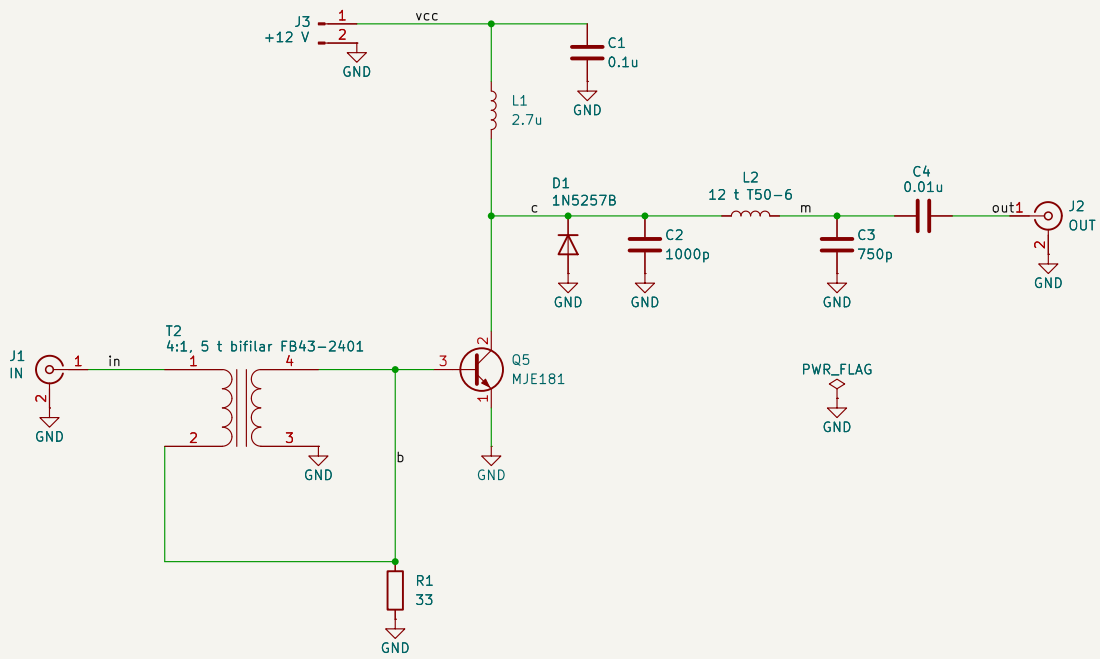


T2: 5 bifilar turns #22 on FB43-2401 as a 4:1 autotransformer (12.5 ohm drive to the base).

L2: 12 t #22 on T50-6 spread over half the core. Capacitors at the output are mica.

Q5: MJE181 (EMRFD errata, p. 1.19), on an insulating spacer with a small heat sink. About 2.25 W out for just over 100 mW drive.

Redrawn for QRPedia by NT7S; J1-J3 added as ports
Q5 = MJE181 per EMRFD errata (figure showed 2N5321). Insulated mount, small heat sink
Source: EMRFD (Hayward, Campbell, Larkin) Fig 1.35, p. 1.19. Errata: affects-circuit (p. 1.19)
QRPedia Circuit Library

Sheet: /
File: bipolar-pa-2w-7mhz.kicad_sch

Title: 2 W class-C bipolar PA, 7 MHz

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