

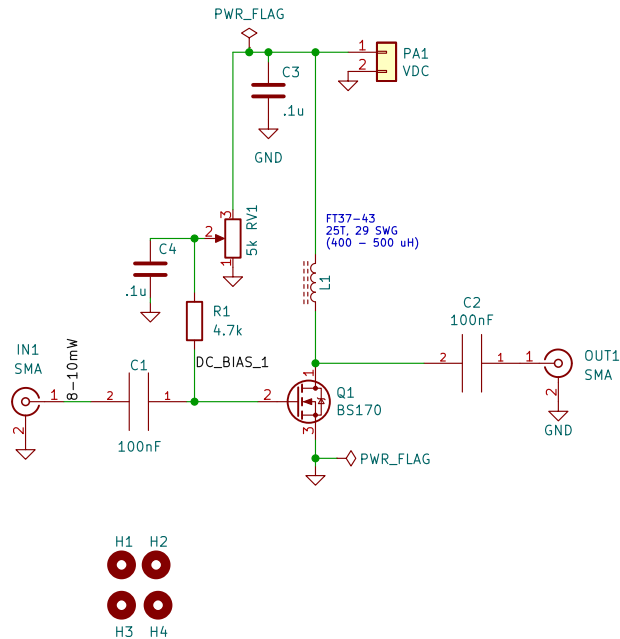
Set drain voltage to 7 volts. This is safe, decent value.
Increase this for more power but be careful!

Output RF power is 250mW (after 3 pole LPF) when driven by a Si5351A running with 8mA setting.

Output RF power is ~400mW (after 3 pole LPF) with drain voltage set to 8v.

Attention: Use a (DIY or commercial) heatsink on BS170.

Note: The L1 toroid-based inductor can be replaced with a Sumida branded '330uH / 470uH SMD 12mm Inductor'.



RF_IN -> BS170 -> RF_OUT

Dhiru Kholia (VU3CER)

Sheet: /

File: Driver.kicad_sch

Title: Experimental-Driver Block for 136 kHz

Size: User	Date: 2022-03-13	Rev:
KiCad E.D.A.	eeschema 6.0.4-6f826c9f35-116-ubuntu20.04.1	Id: 1/1