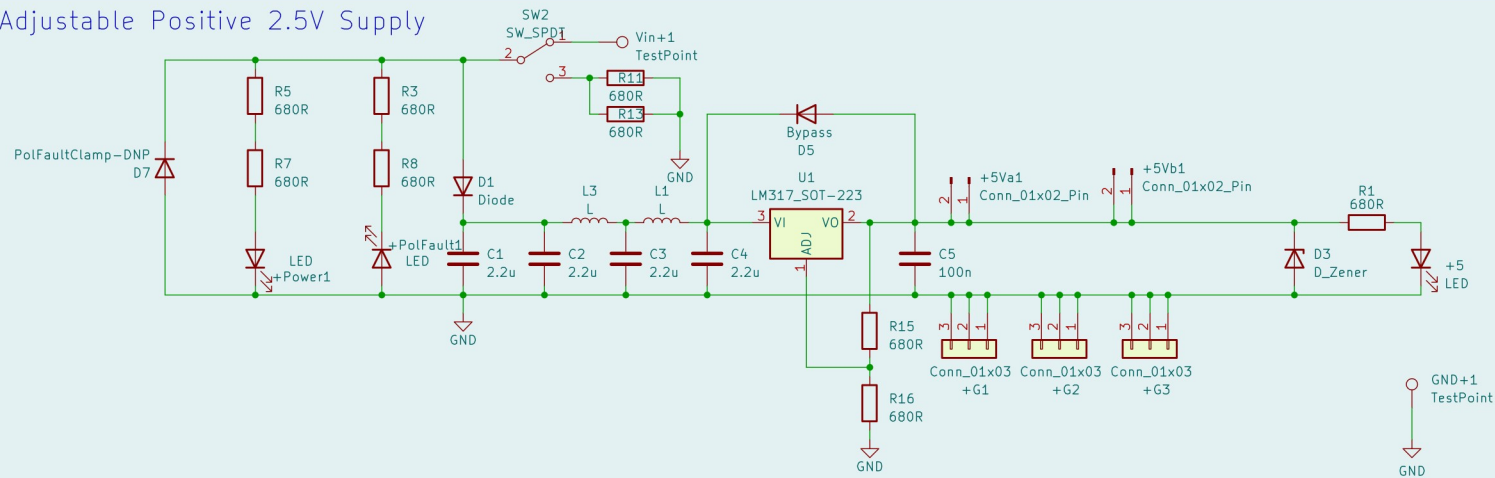
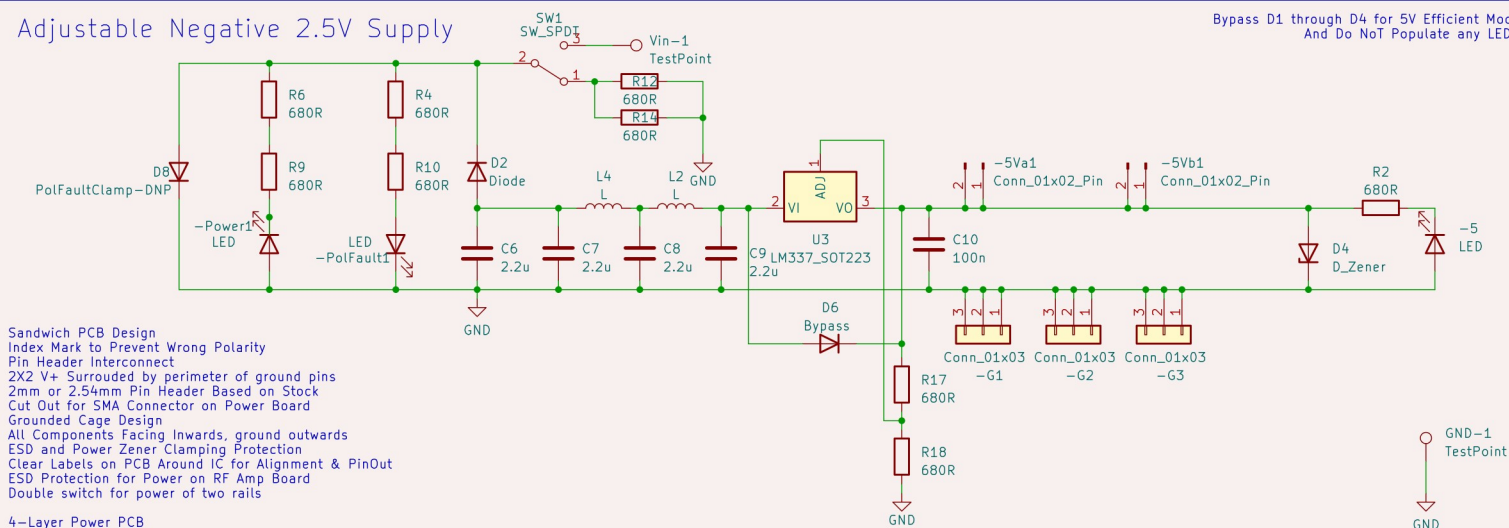


## Adjustable Positive 2.5V Supply



## Adjustable Negative 2.5V Supply

Bypass D1 through D4 for 5V Efficient Mode  
And Do Not Populate any LEDs



Sandwich PCB Design  
Index Mark to Prevent Wrong Polarity  
Pin Header Interconnect  
2X2 V+ Surrouded by perimeter of ground pins  
2mm or 2.54mm Pin Header Based on Stock  
Cut Out for SMA Connector on Power Board  
Grounded Cage Design  
All Components Facing Inwards, ground outwards  
ESD and Power Zener Clamping Protection  
Clear Labels on PCB Around IC for Alignment & PinOut  
ESD Protection for Power on RF Amp Board  
Double switch for power of two rails

4-Layer Power PCB

**Wrong IC Sent, HW Substitution Required**

Sheet: /  
File: PowerRF-AMP.kicad\_sch

**Title: RF Power Board Adjustable**

Size: A4 Date: 2024-03-13  
KiCad E.D.A. 9.0.1

**Rev: 2.0**  
Id: 1/1