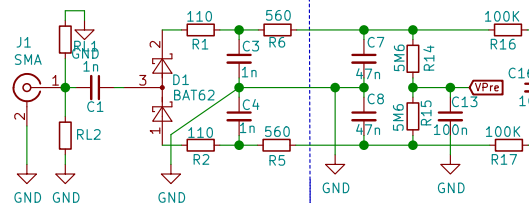
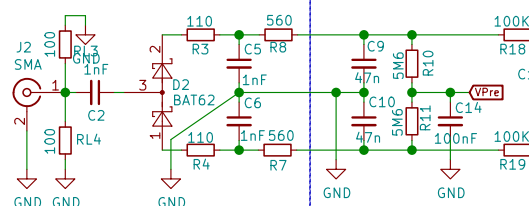


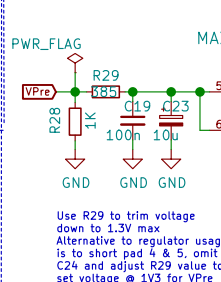
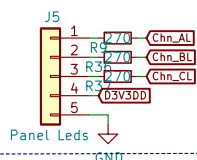
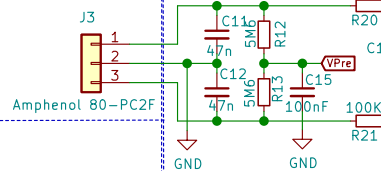
## A – Probe 50 Ohm



## B – Probe 50 Ohm



## C – Boonton Probe



Use R29 to trim voltage down to 1.3V max  
Alternative to regulator usage is to short pad 4 & 5, omit C24 and adjust R29 value to set voltage @ 1V3 for VPre

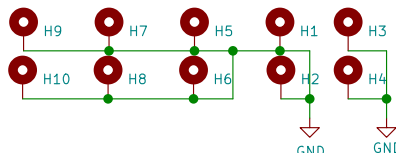
## Analog to Digital section

Note: R8/R29 divider for 1V8 used for Pre to obtain 1V3  
R20 to adjust and obtain output of U7 to 3V6 dc MAX 1.

Note: R34, R35, C32 / R53, R54, C30 may serve as a filter option else place jumper wire or 0 Ohm for R34, R35, R53, R54 and omit C32, C30

Note: check all regulator voltages prior to installing LTC2055's and MAX11270's

R1...R4: For BAT62 diode use 110 or 113 ohms  
For 1SS351 diode use 82.5 ohms.



# RF Meter ADC front-end

Sheet: /  
File: rf\_meter\_v6\_rf\_adc.sch

Title:

Size: A4 Date: 7-jun-2021 / v1.2

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