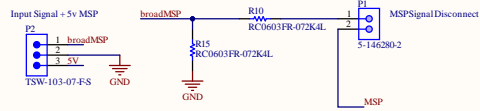
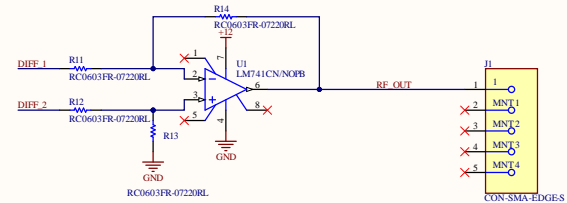


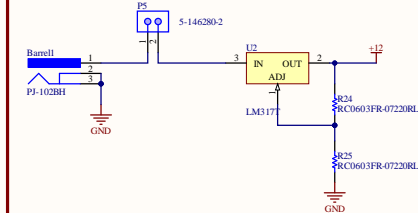
## MSP Interface



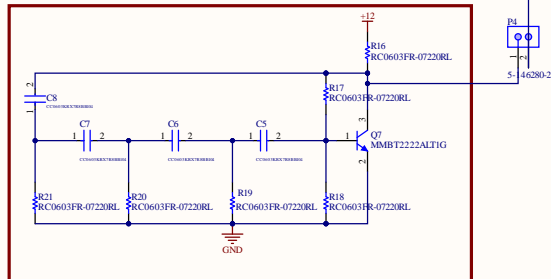
## Diff Amp w/ RF Output



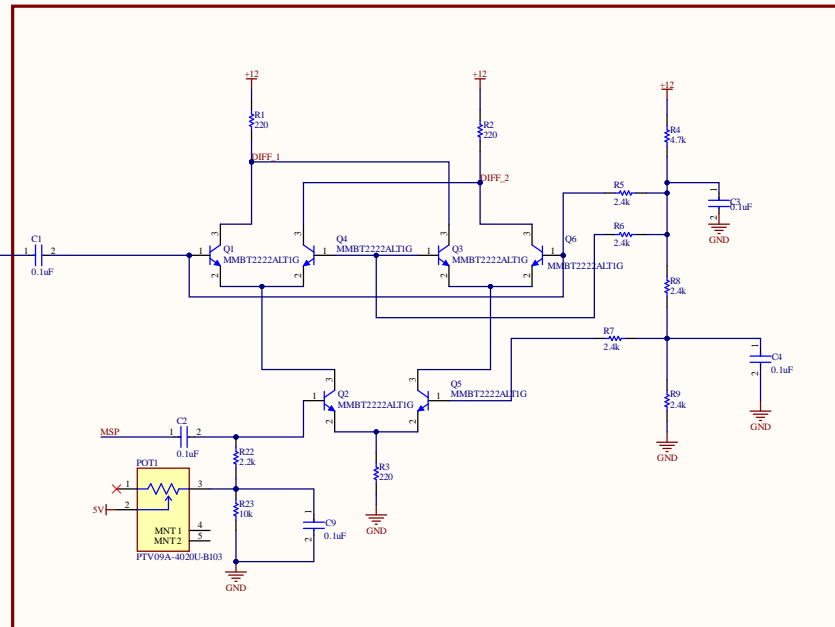
## 12V Power with Disconnect



## Sine Generator (Disconnectable)



## Signal Mixer



TODO:

- Power management, need 12V power, 100mV signals from MSP and microphone eventually.
- Need opamp for diff amp creating an output from difference between [DIFF\_1] and [DIFF\_2]. Opamp must be capable of handling RF target range of 530kHz to 1.7MHz
- Need to analyze necessity for signal filtering (both input and output), is signals from microphone may need filtering to be useful. Output might also need filtering?
- Determine necessary output gain. May be want to make it adjustable with a potentiometer?

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