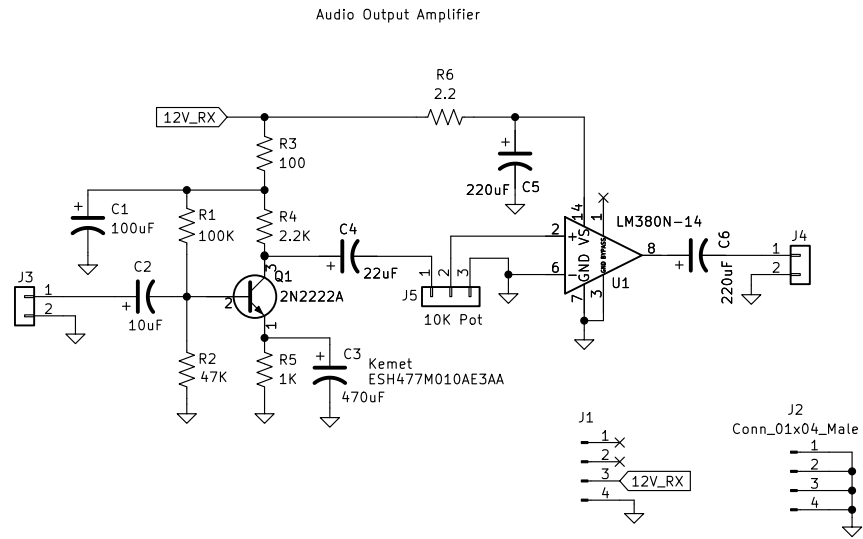


20-Meter Psst Transceiver Motherboard



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Pssst Audio Output Amplifier



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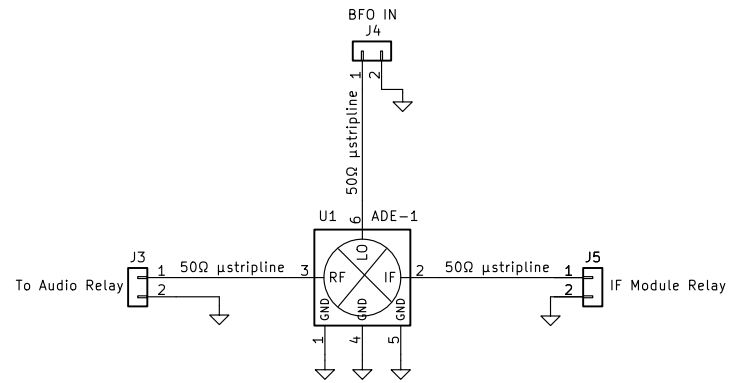
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Size: USLetter Date: 2022-12-29

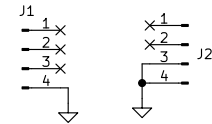
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Note 1: In this application, the mixer's RF port is used for audio input or output.



Pssst BFO Mixer



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File: Pssst_BFO_mixer.kicad_sch

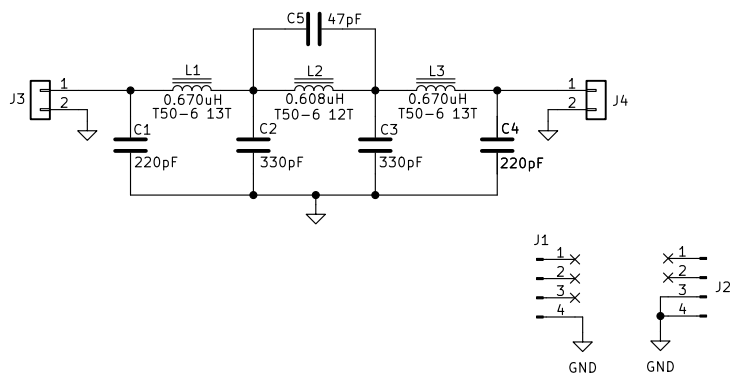
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Pssst Final Low-Pass Filter



Sheet: /
File: Pssst_final_lowpass.kicad_sch

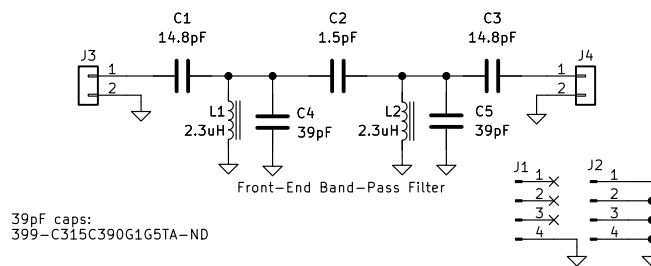
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Psst Frontend Bandpass Filter



Sheet: /
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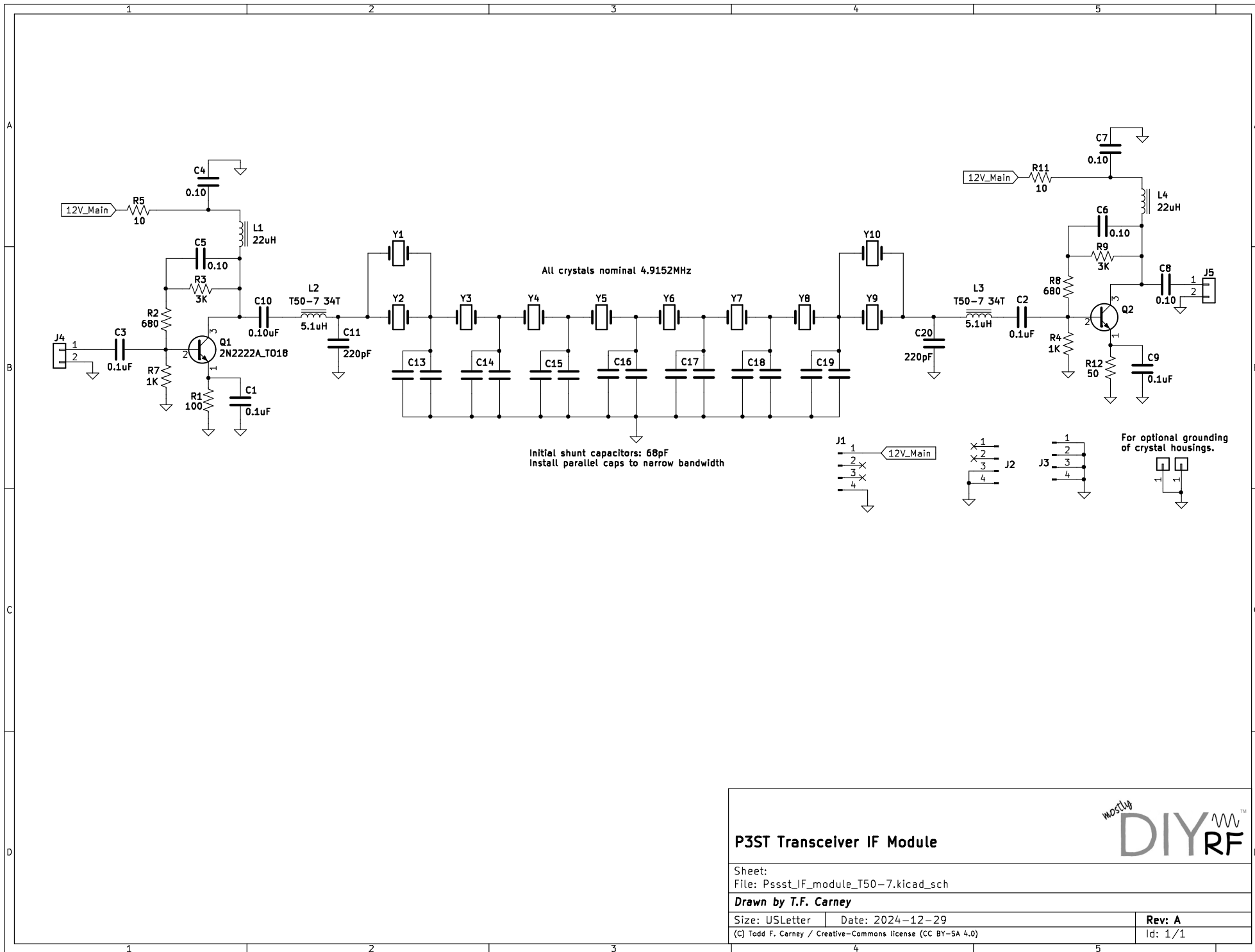
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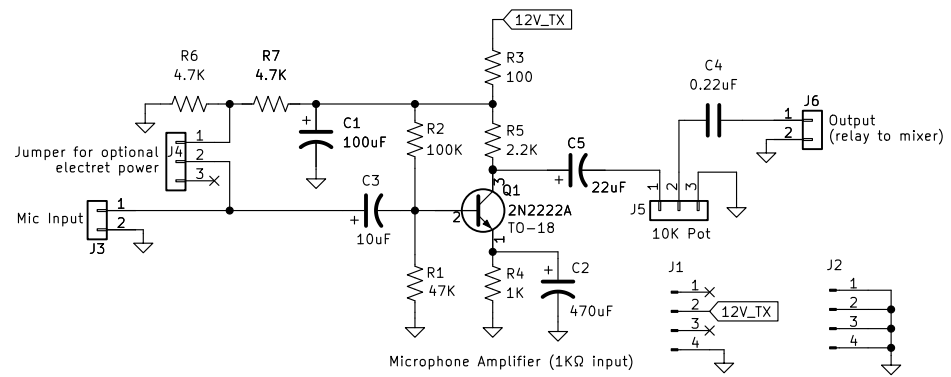
mostly
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P3ST Transceiver IF Module

Sheet:
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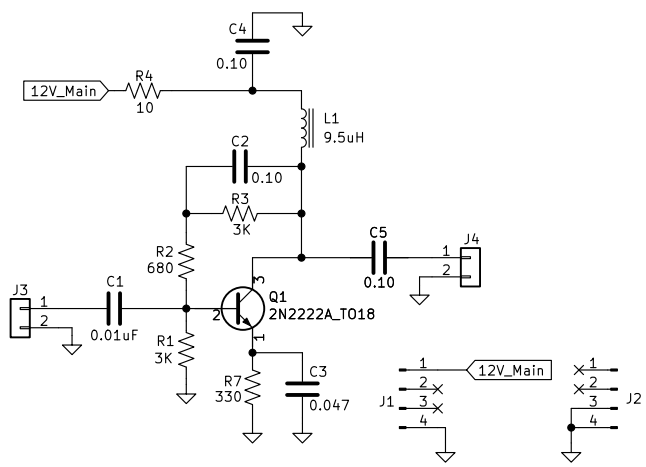


Pssst Microphone Amplifier

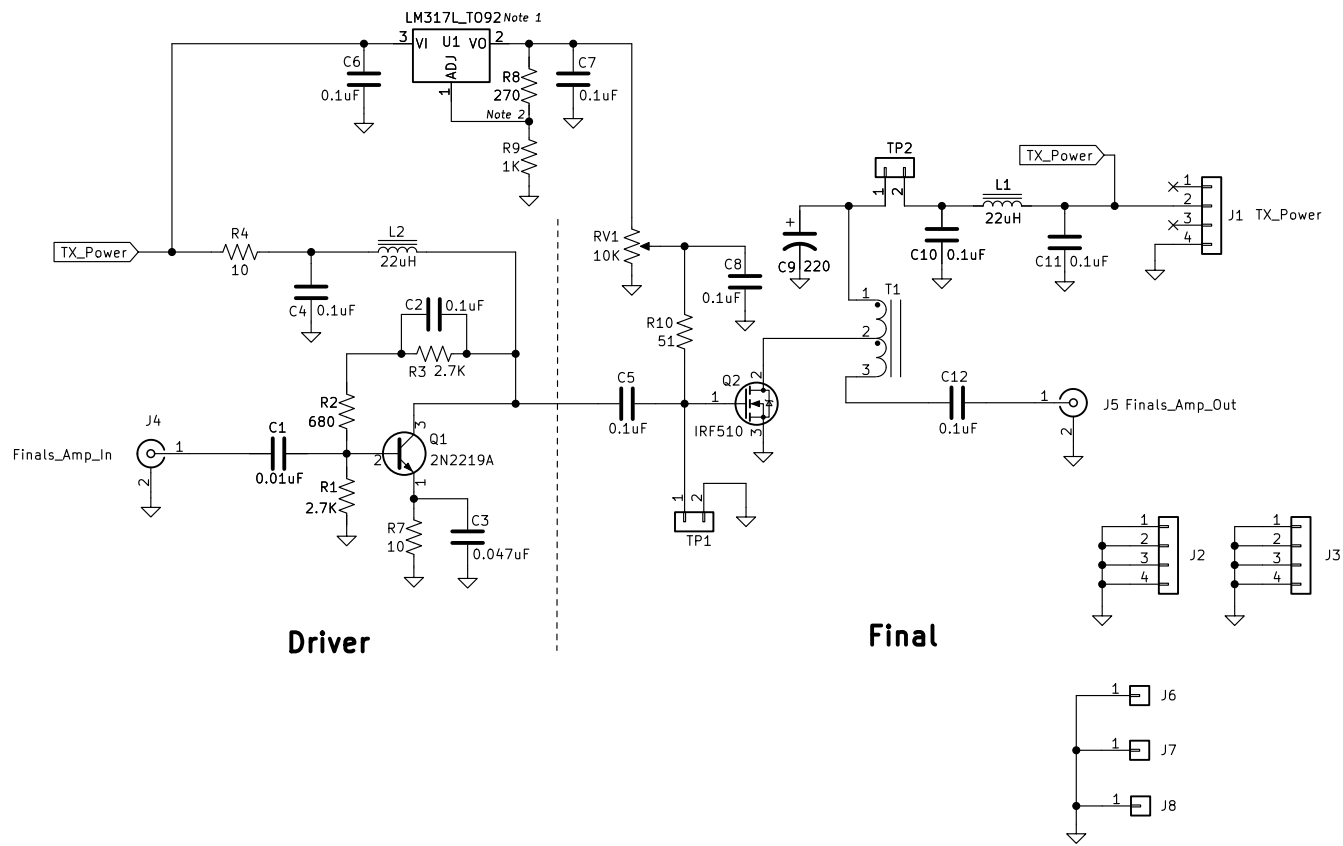
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File: Pssst_RF_amp.kicad_sch			
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Driver

Final

Note 1: Lower noise than LMxx series.

Note 2: Selecting R8 at low end of tolerance (e.g., 260) and R9 at high end of tolerance (e.g., 1050) will result in slightly-higher voltage (~6.3V).

Psst Final TX Amplifier



Sheet: /
File: Psst_TX_final_amp.kicad_sch

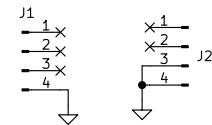
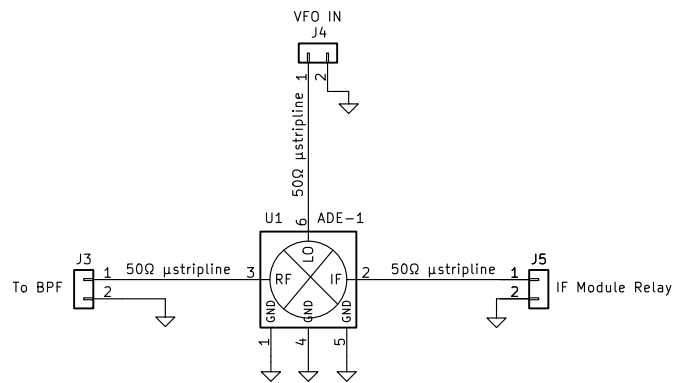
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Pssst VFO Mixer



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File: Pssst_VFO_Mixer.kicad_sch

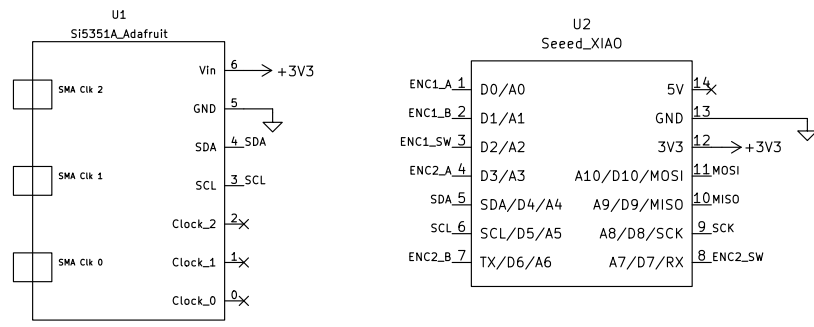
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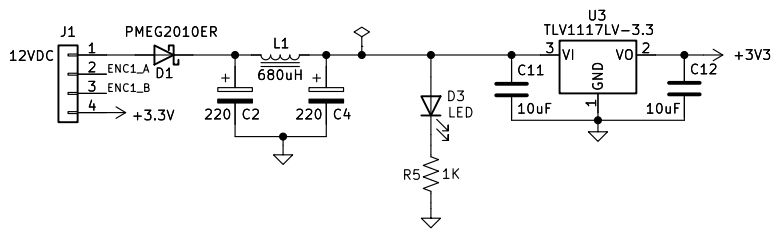
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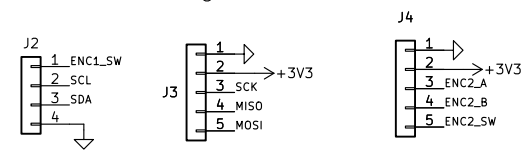
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Power Filter and Regulators



Board-Edge Breakout Headers



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Pssst Digital VFO/BFO (Xiao) Module

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