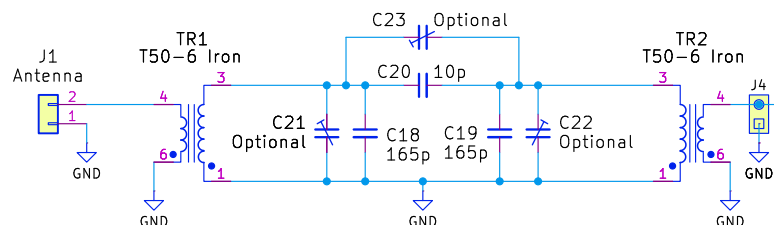
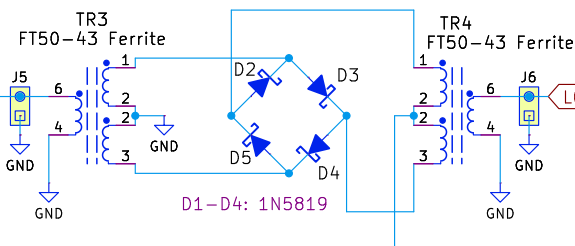


40M Band-Pass Filter



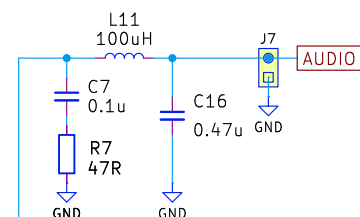
C18, C19 are both two 330pF in series
TR1, TR2 both have 26 turns and 5 turns on T50-6 Iron Powder

Diode Ring Double-Balanced Mixer

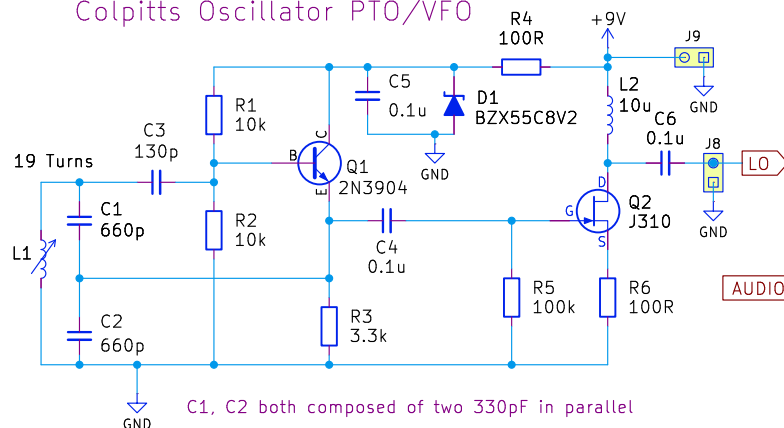


TR3, TR4 both are Trifilar 10-turns on FT50-43 Ferrite

Audio Diplexer

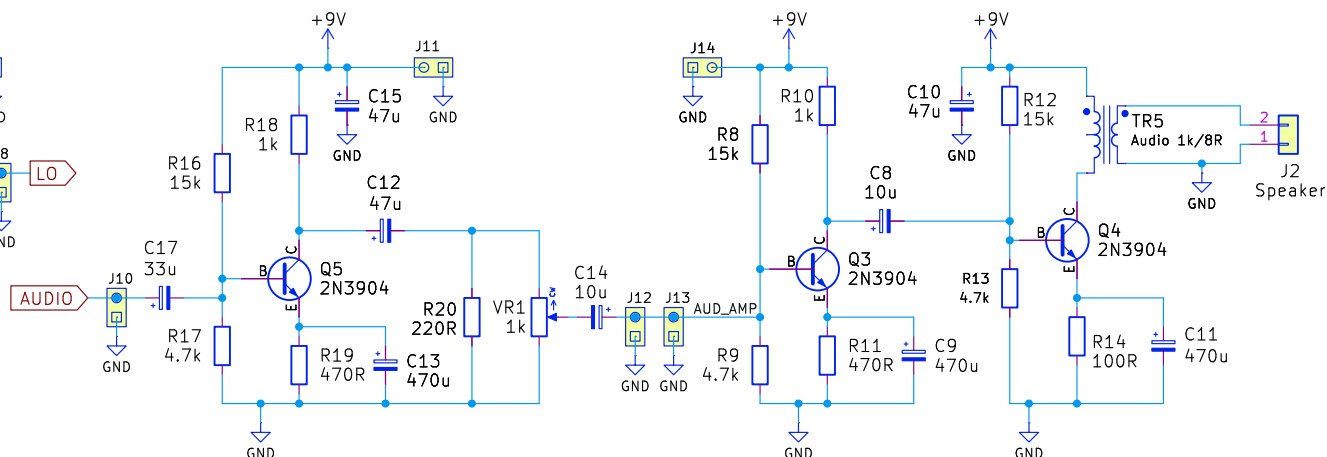


Colpitts Oscillator PTO/VFO

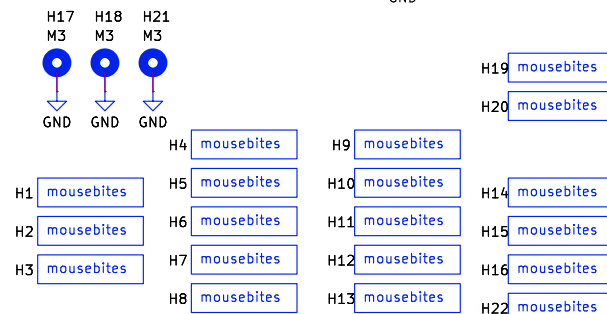
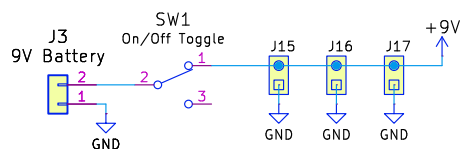


C1, C2 both composed of two 330pF in parallel

Three-Stage Audio Amplifier



Power Entry



Thomas Jefferson High School Direct Conversion Receiver Project
Presented by Bill N2CQR and Dean KK4DAS
Based on Ashar Farhan VU2ESE "Return to Daylight PTO"
KiCad entry by TDARS

Sheet: /
File: soldersmoke-dcr-pcbversion.kicad_sch

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Date:

KiCad E.D.A. 9.0.1

Rev: 0.01

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