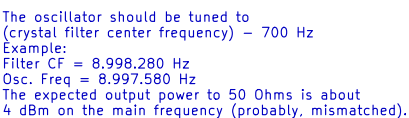


For this project I wanted a clean, well-matched to 50 Ohm, 7 dBm BFO. However, if space is limited, try removing the attenuator and the amplifier, and then – the filter. Chances are everything will work adequately without them.



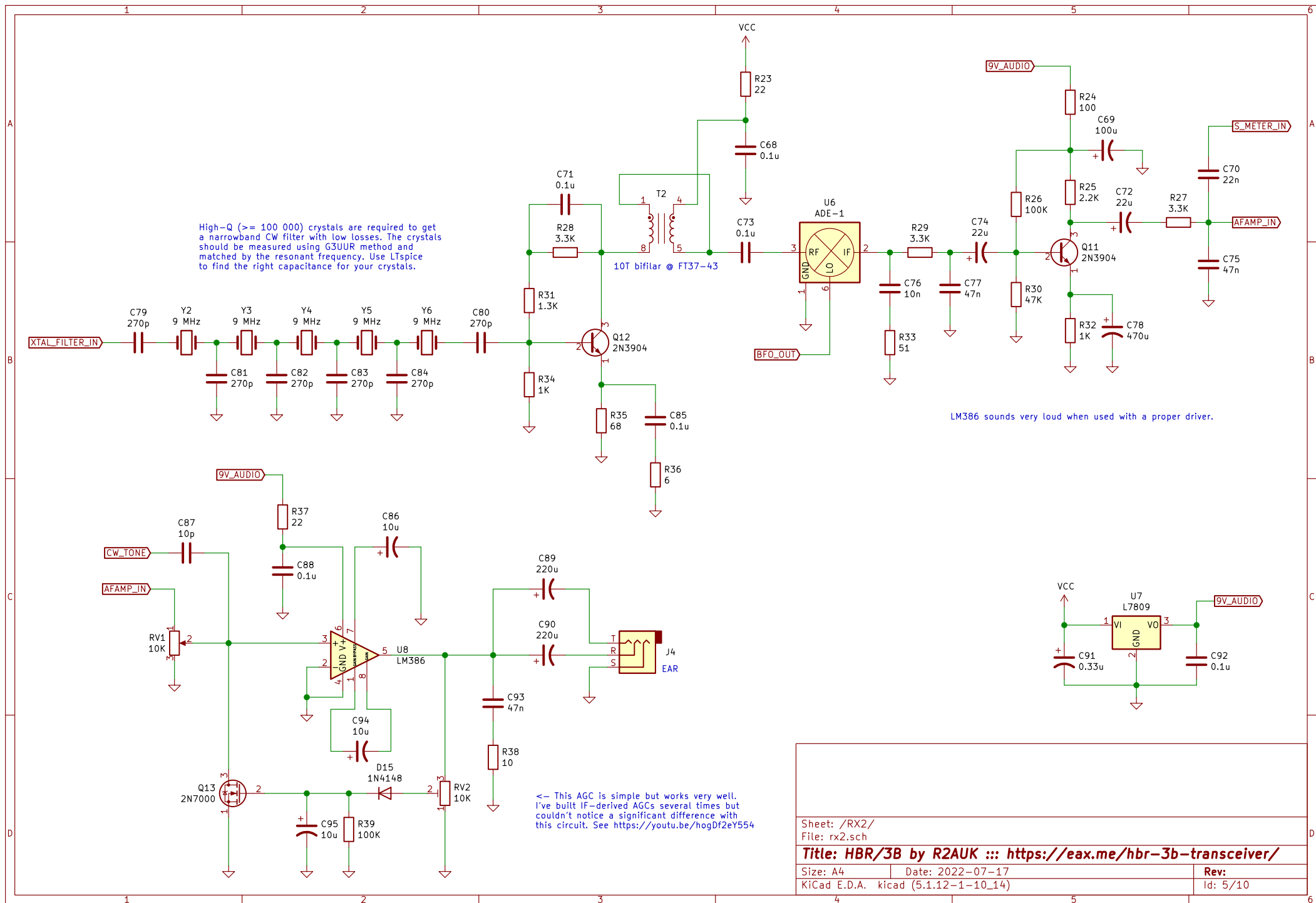
8 dB attenuator. Change if necessary.  
The goal is to get about 6–8 dBm after  
amplifying and filtering the signal.

Sheet: /BFO/  
File: bfo.sch

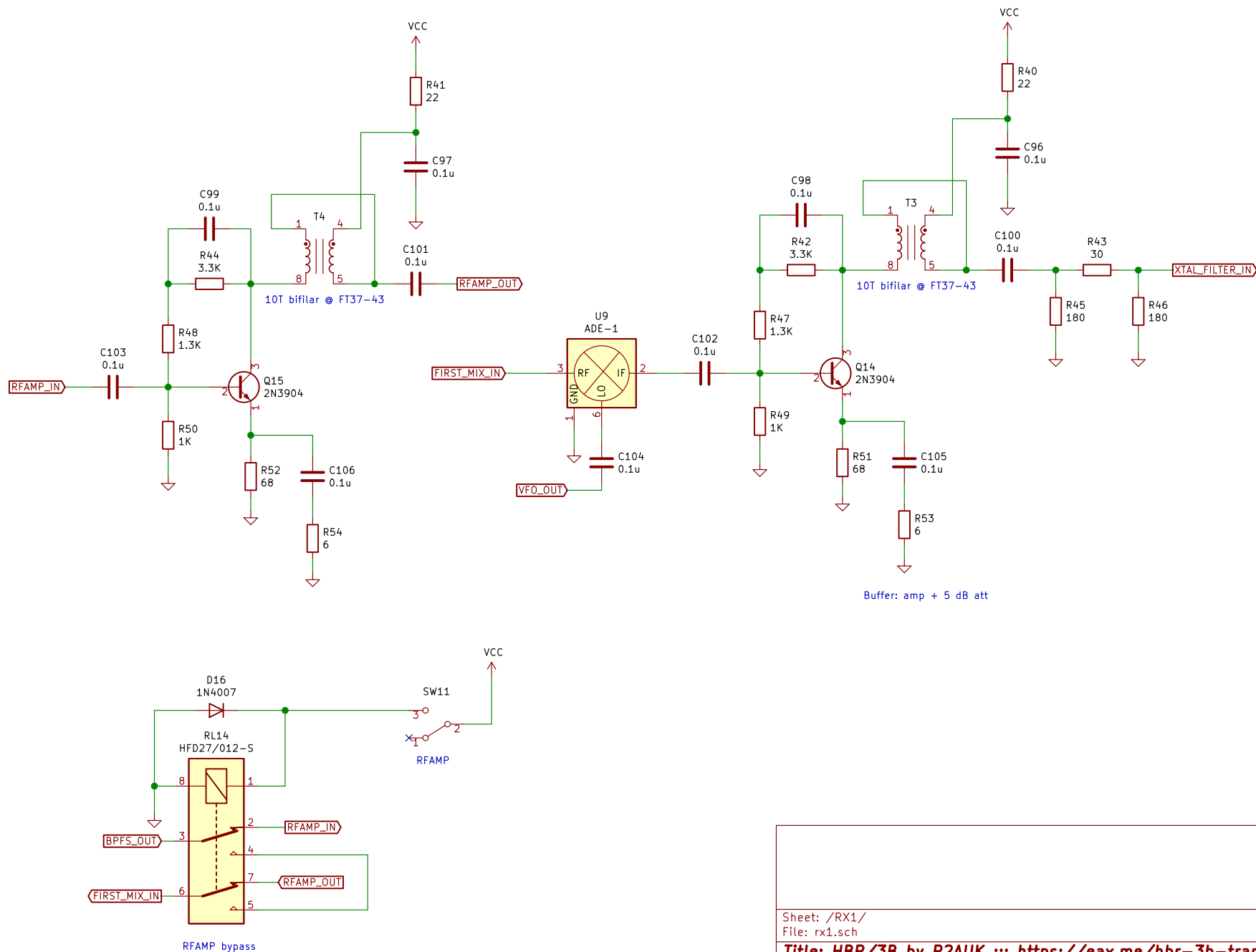
Title: HBR/3B by R2AUK :: <https://eax.me/hbr-3b-transceiver/>

Size: A4	Date: 2022-07-17
KiCad E.D.A. kicad (5.1.12-1-10_14)	

Rev:  
Id: 4/10



Sheet: /RX2/ File: rx2.sch		
<b>Title: HBR/3B by R2AUK ::: <a href="https://eax.me/hbr-3b-transceiver/">https://eax.me/hbr-3b-transceiver/</a></b>		
Size: A4	Date: 2022-07-17	Rev:
KiCad E.D.A. kicad (5.1.12-1-10_14)	Id: 5/10	

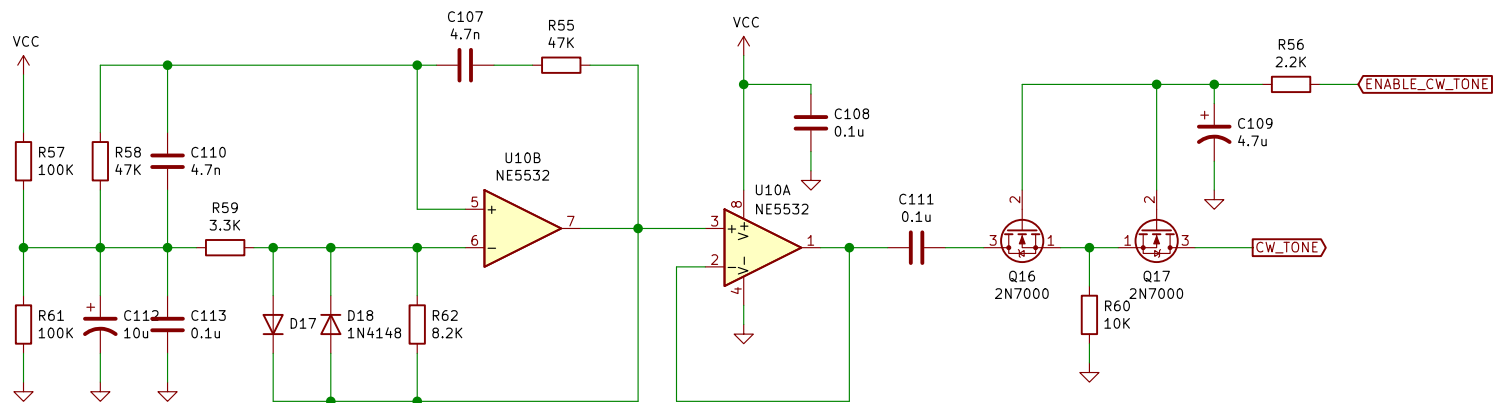


Sheet: /RX1/  
File: rx1.sch

**Title: HBR/3B by R2AUK :::** <https://eax.me/hbr-3b-transceiver/>

Size: A4 Date: 2022-07-17  
KiCad E.D.A. kicad (5.1.12-1-10\_14)

Rev:  
Id: 6/10



700 Hz Wien bridge oscillator + buffer

Sheet: /CW Tone/  
File: cw-tone.sch

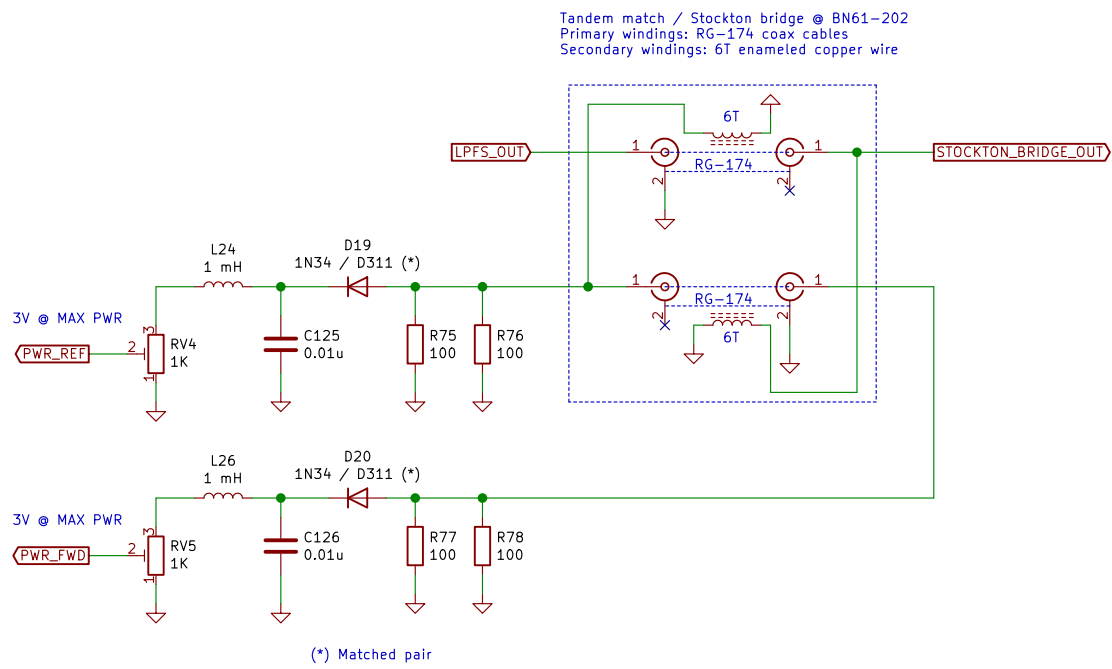
**Title: HBR/3B by R2AUK ::: <https://eax.me/hbr-3b-transceiver/>**

Size: A4  
KiCad E.D.A. kicad (5.1.12-1-10\_14)

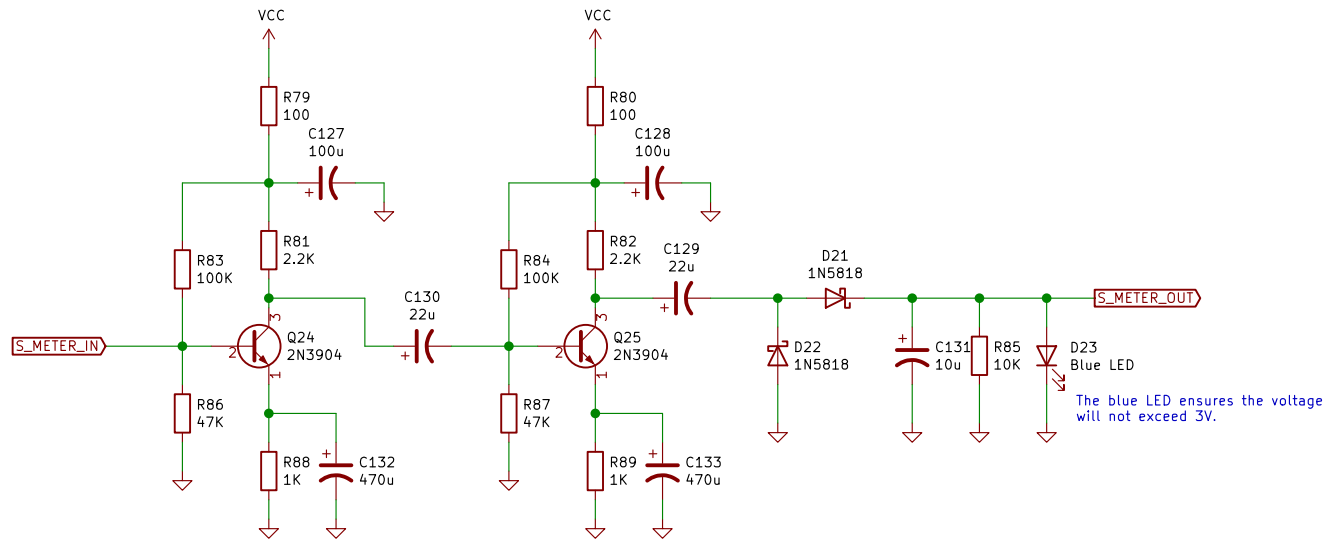
Rev:  
Id: 7/10







Sheet: /Stockton Bridge/	
File: stockton-bridge.sch	
<b>Title: HBR/3B by R2AUK ::: <a href="https://eax.me/hbr-3b-transceiver/">https://eax.me/hbr-3b-transceiver/</a></b>	
Size: A4	Date: 2022-07-17
KiCad E.D.A. kicad (5.1.12-1-10_14)	Rev: 9/10



Sheet: /S Meter/  
File: s-meter.sch

**Title: HBR/3B by R2AUK ::: <https://eax.me/hbr-3b-transceiver/>**

Size: A4 Date: 2022-07-17

KiCad E.D.A. kicad (5.1.12-1-10\_14)

Rev:

Id: 10/10