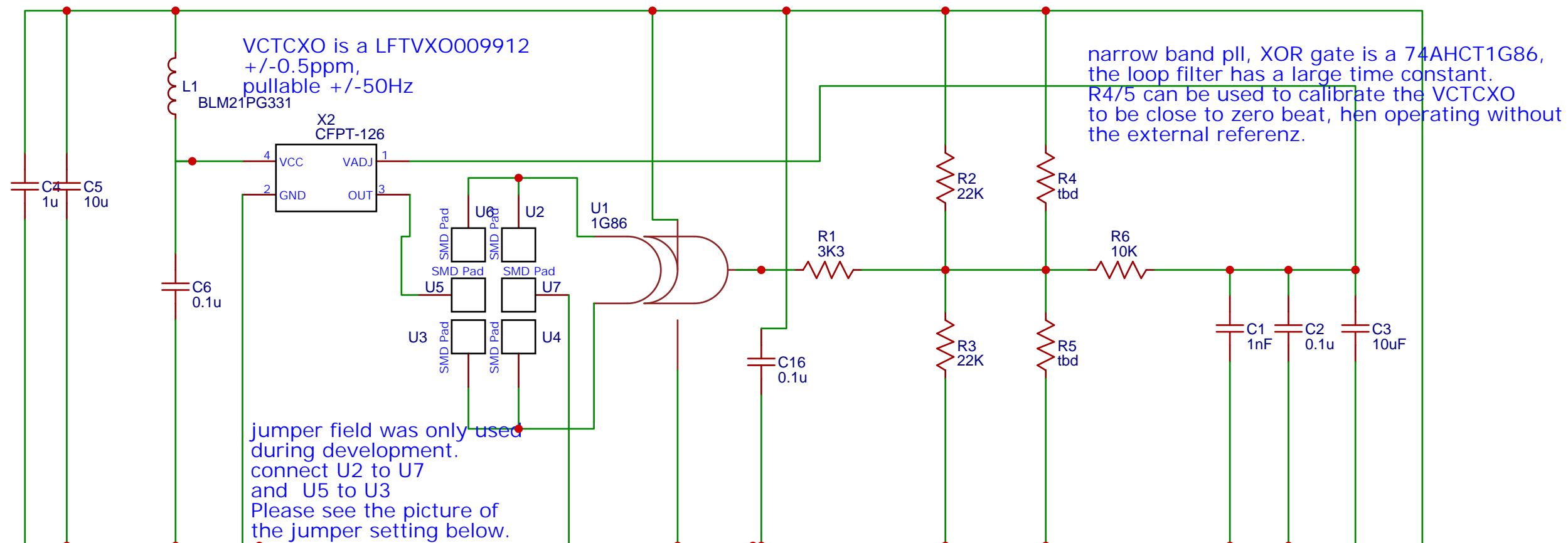
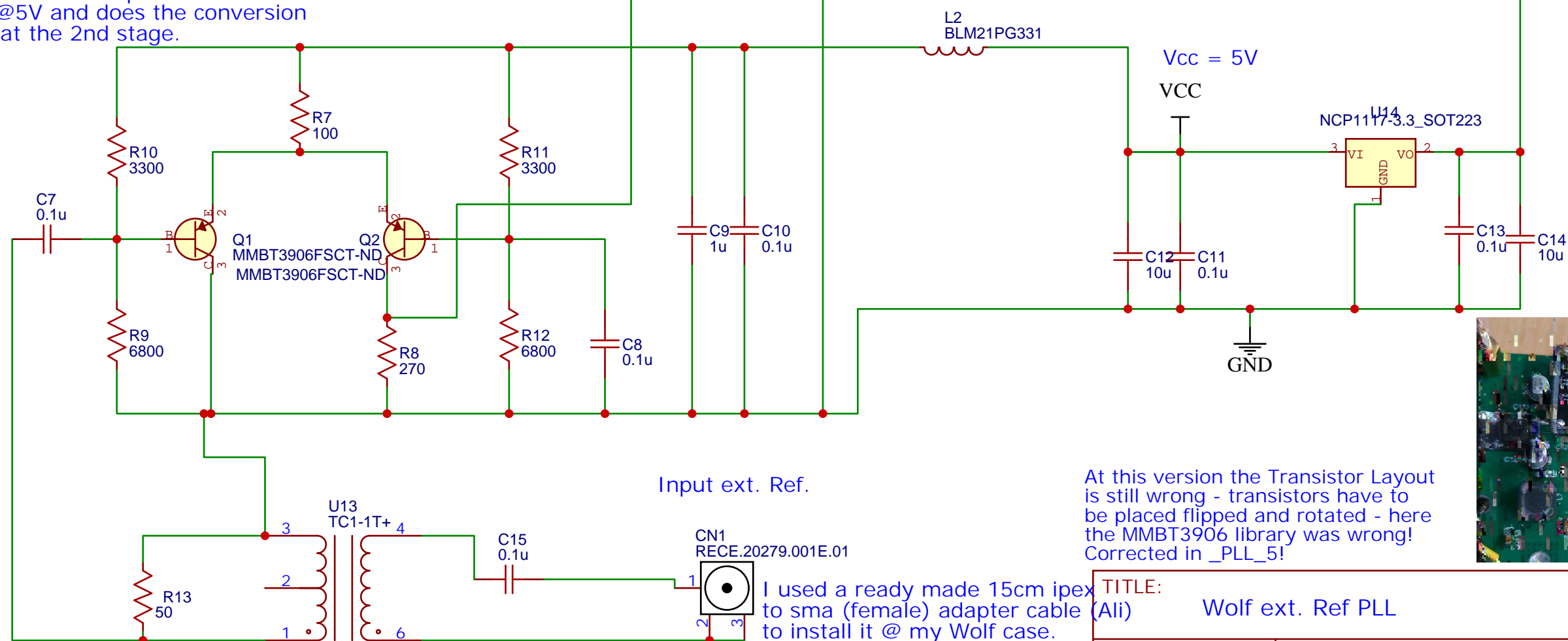


Please use PCB_WOLF_PLL_5. This one has the corrected Transistor layout



2 stage amplifier.
-10dB at the ref. input is sufficient.
It runs @5V and does the conversion
to 3.3V at the 2nd stage.



Transformer to decouple the ext. Referenz from the Wolf.
This is useful to prevent ground loops,
when using the reference for more than one device in your check.

I used a ready made 15cm ipex
to sma (female) adapter cable
to install it @ my Wolf case.
Please isolate the SMA
connector from the case
to have no ground connection.

At this version the Transistor Layout is still wrong - transistors have to be placed flipped and rotated - here the MMBT3906 library was wrong! Corrected in PLL 5!

TITLE: Wolf ext. Ref PLL		REV: 1.0
	Company: K08	Sheet: 1/1
	Date: 2023-04-03 Drawn By: DL2FW	