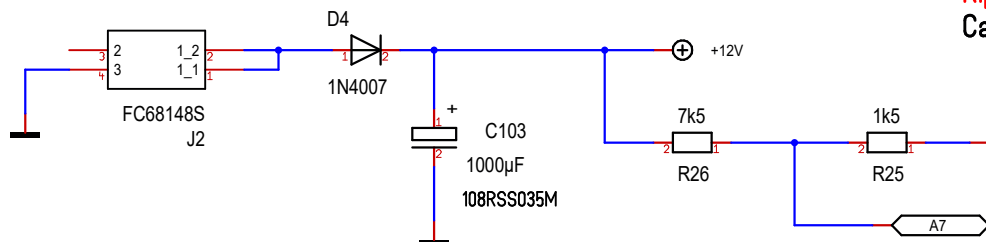


13 - 36 VDC (24 VDC nom.)



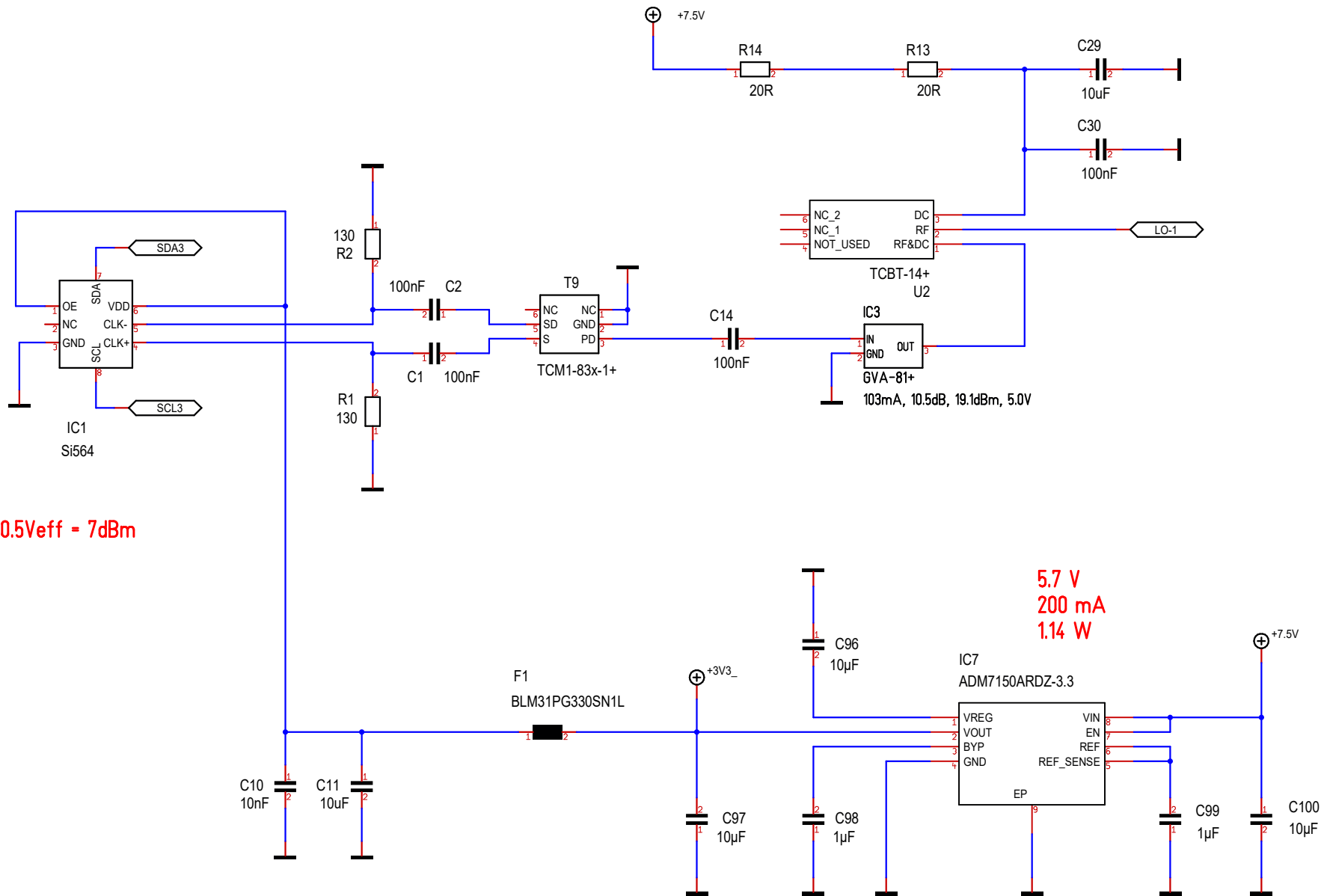
Ripple and Noise : 75 mVp-p typ.
 Capacitive Load 470 µF max.

Dos and Don'ts

1. Do not exceed maximum supply voltages. OK < 15V
2. Do not connect the LV terminal to GND for supply voltages greater than 3.5 volts. OK
3. Do not short circuit the output to V+ supply for voltages above 5.5 volts for extended periods; however, transient conditions including start-up are okay. OK

Massstab	101.39%	Alexander C. Frank	Blatt : ARDUINO NANO EVERY
Änderung	08.08.2023	11:25	ETH QUANTUMOPTICS
Ausgabe	08.08.2023	11:25	
Datei	Wanmod-V9.T3001		

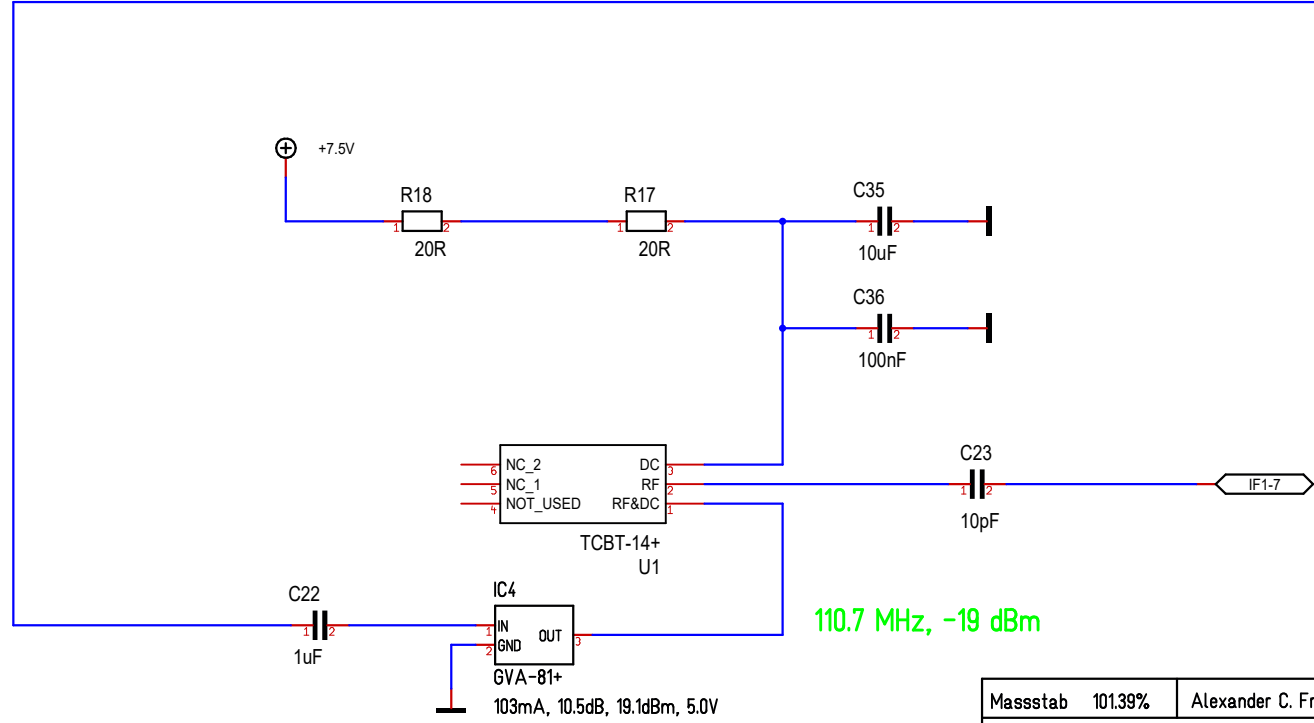
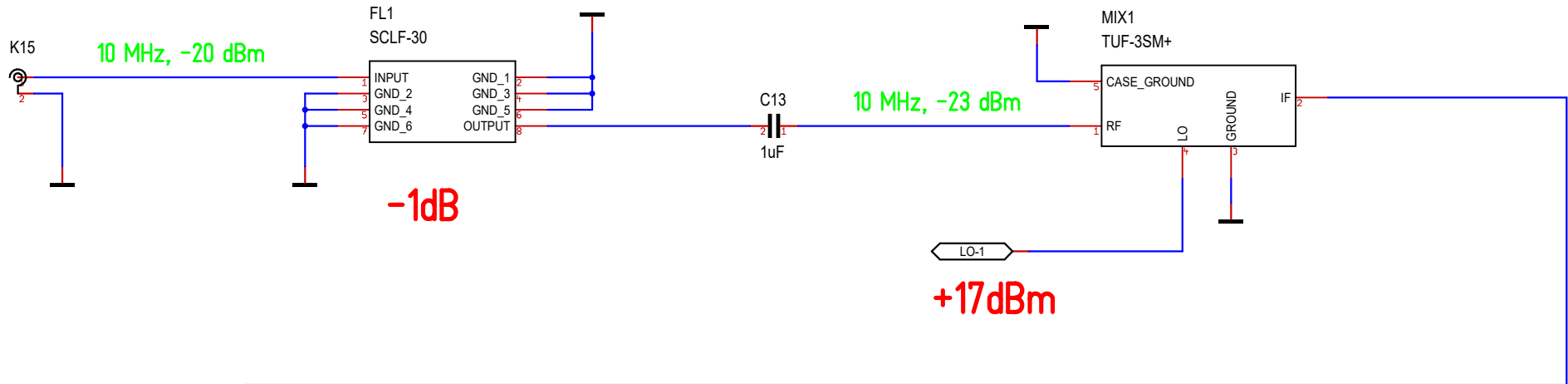
3.3 V
200 mA
0.66 W
LVPECL
1.4Vpp = 0.5Veff = 7dBm



5.7 V
200 mA
1.14 W

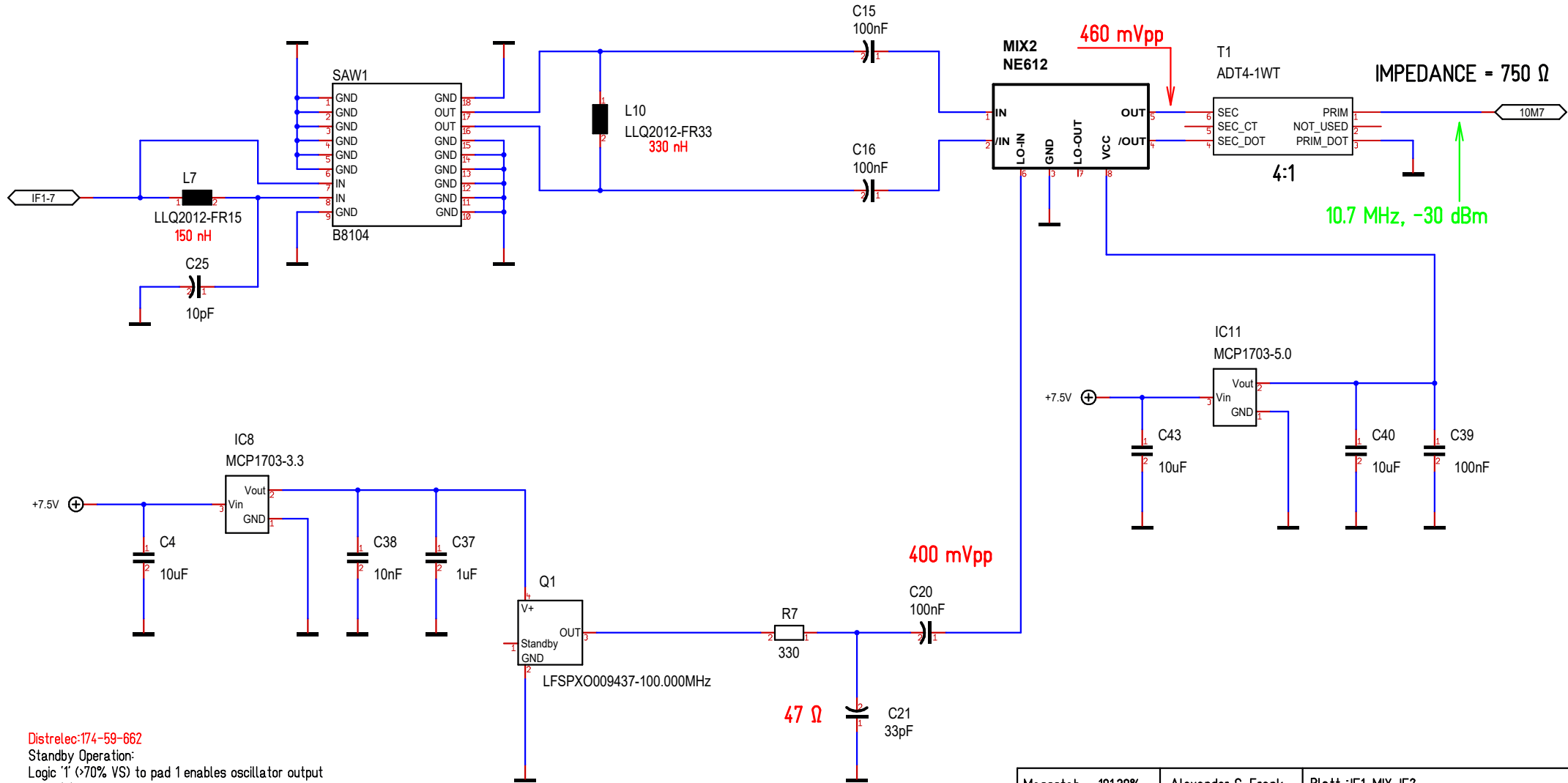
Massstab	101.39%	Alexander C. Frank	Blatt : Si564
Änderung	08.08.2023 11:25	ETH QUANTUMOPTICS	
Ausgabe	08.08.2023 11:25		
Datei	Wanmod-V9.T3001		

- low conversion loss, 5.0 dB typ.
- good IP3, 22 dBm typ.
- excellent L-R isolation, 50 dB typ.; L-I, 45 dB typ.
- rugged welded construction



Massstab	101.39%	Alexander C. Frank	Blatt :INPUT-LOWPASS
Änderung	08.08.2023	11:25	ETH QUANTUMOPTICS
Ausgabe	08.08.2023	11:25	
Datei	Wanmod-V9.T3001		

L10 compensates the internal
5pF + some wire cap.



Distrelec:174-59-662

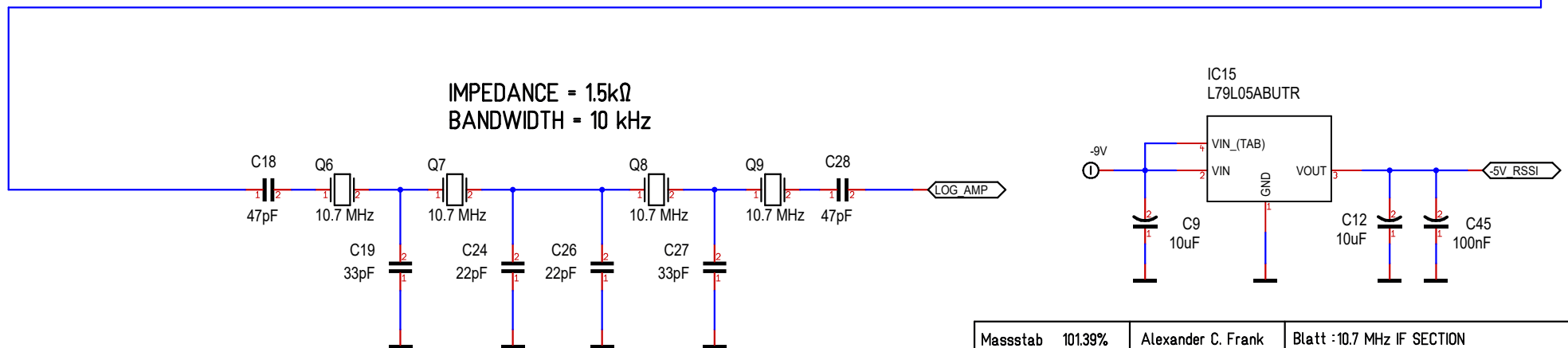
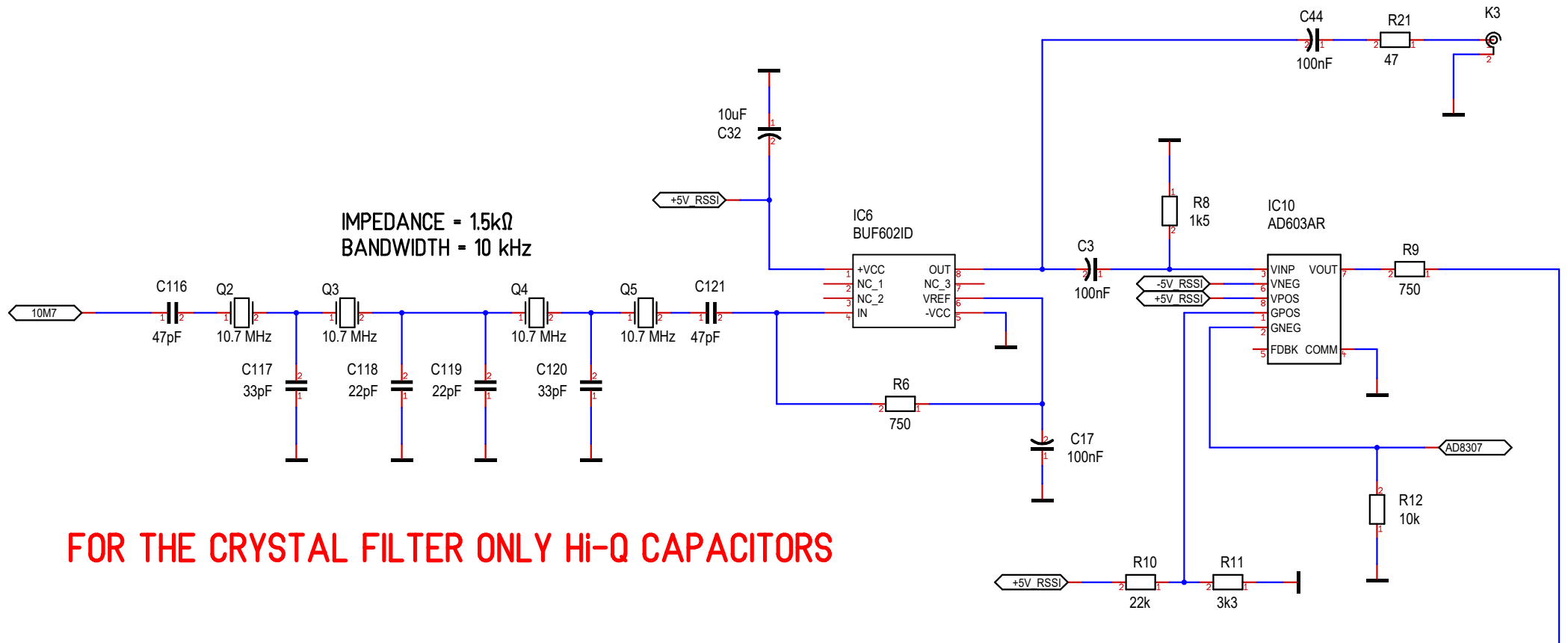
Standby Operation:

Logic '1' (>70% VS) to pad 1 enables oscillator output
Logic '0' (<30% VS) to pad 1 disables oscillator output; the oscillator output goes to the high impedance state

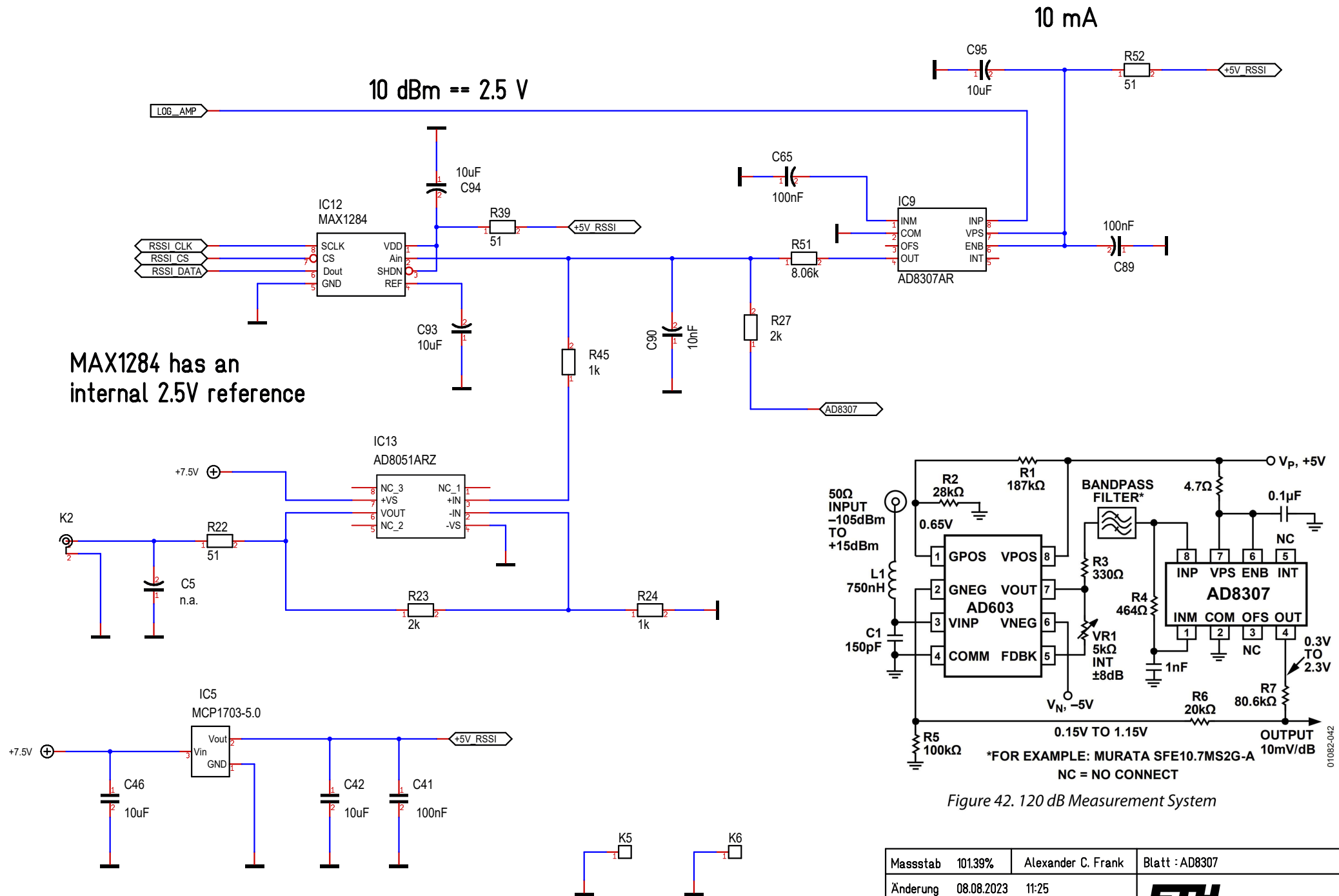
No connection to pad 1 enables oscillator output

Standby Current: 10µA max, 0.9µA typ @ 25°C

Massstab	101.39%	Alexander C. Frank	Blatt :IF1-MIX-IF2
Änderung	08.08.2023	11:25	ETH QUANTUMOPTICS
Ausgabe	08.08.2023	11:25	
Datei	Wanmod-V9.T3001		



Massstab	101.39%	Alexander C. Frank	Blatt :10.7 MHz IF SECTION
Änderung	08.08.2023	11:25	ETH QUANTUMOPTICS
Ausgabe	08.08.2023	11:25	
Datei	Wanmod-V9.T3001		



Massstab	101.39%	Alexander C. Frank	Blatt : AD8307
Änderung	08.08.2023 11:25		ETH QUANTUMOPTICS
Ausgabe	08.08.2023 11:25		
Datei	Wanmod-V9.T3001		