

CPU  
15xx  
R2502

cpu.sch

CPU-POWER  
15xx

cpu-power.sch

PMU  
17xx  
R2504

pmu.sch

MEMORY  
22xx  
U1501  
R1801

memory.sch

AUDIO  
30xx  
41xx  
43xx  
44xx  
U1501

audio.sch

USB  
49xx  
U1501  
R1918

usb.sch

IO  
46xx  
47xx  
78xx  
15xx

io.sch

LCM  
60xx  
U1501

lcm.sch

SD-SIM  
75xx  
U1501

sd-sim.sch

GPS  
76xx

gps.sch

BT  
77xx  
x

bt.sch

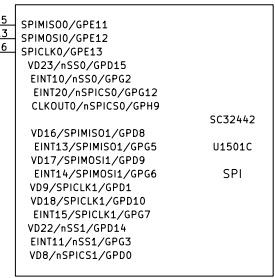
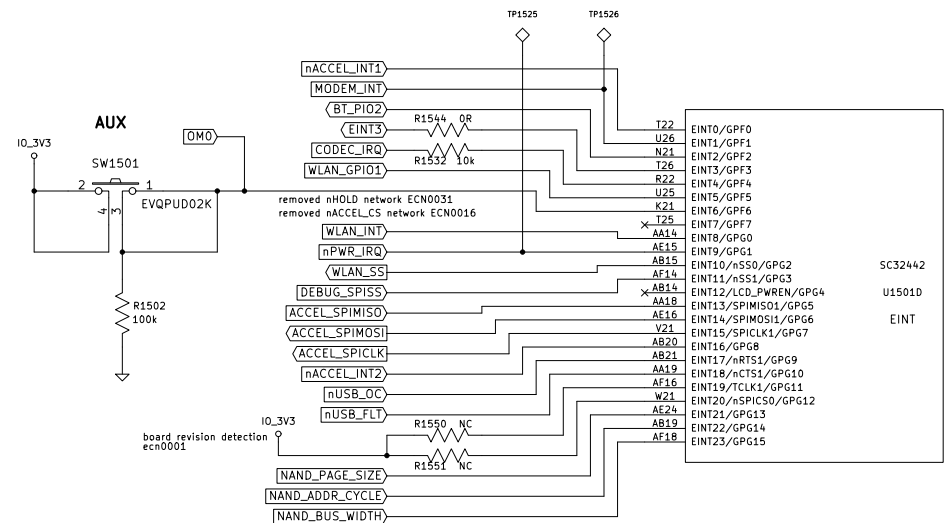
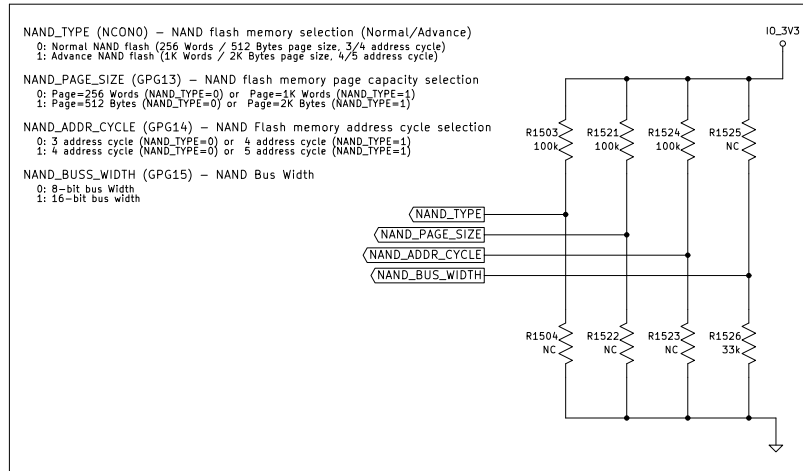
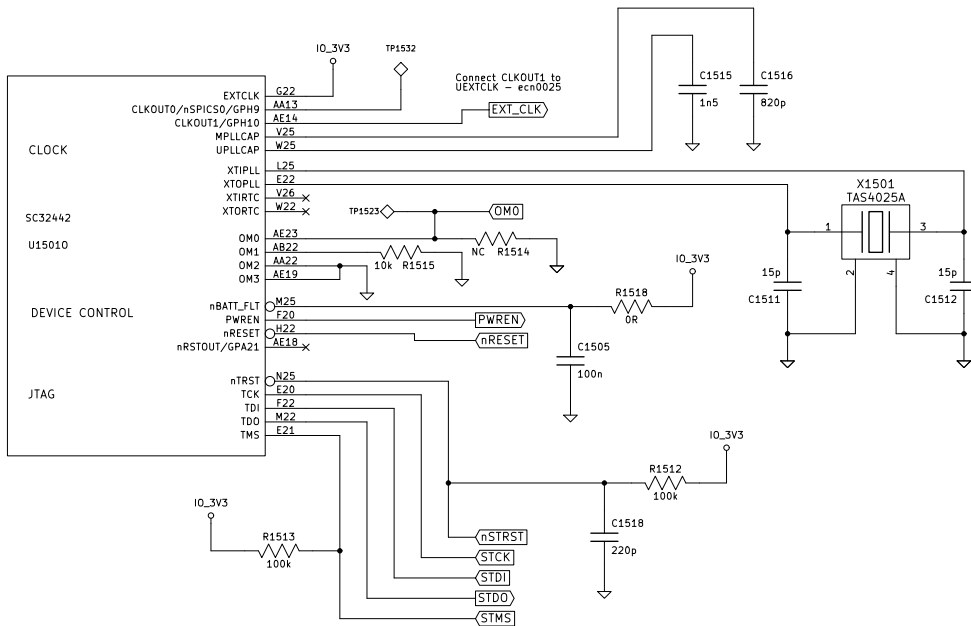
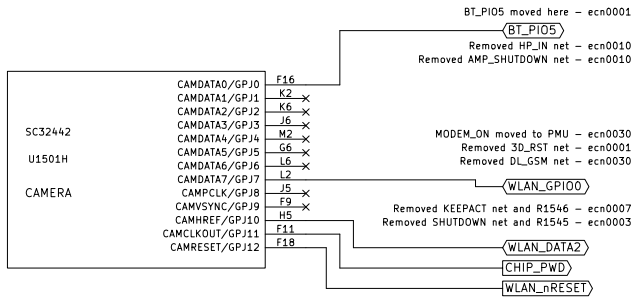
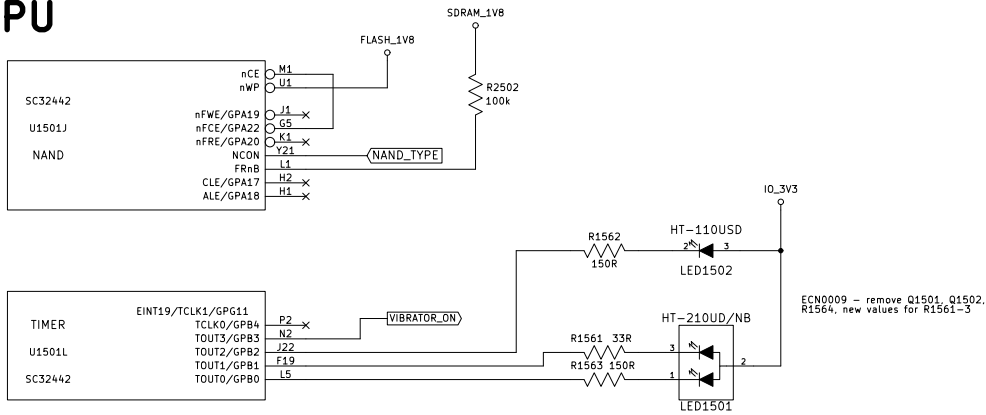
WLAN  
80xx

wlan.sch

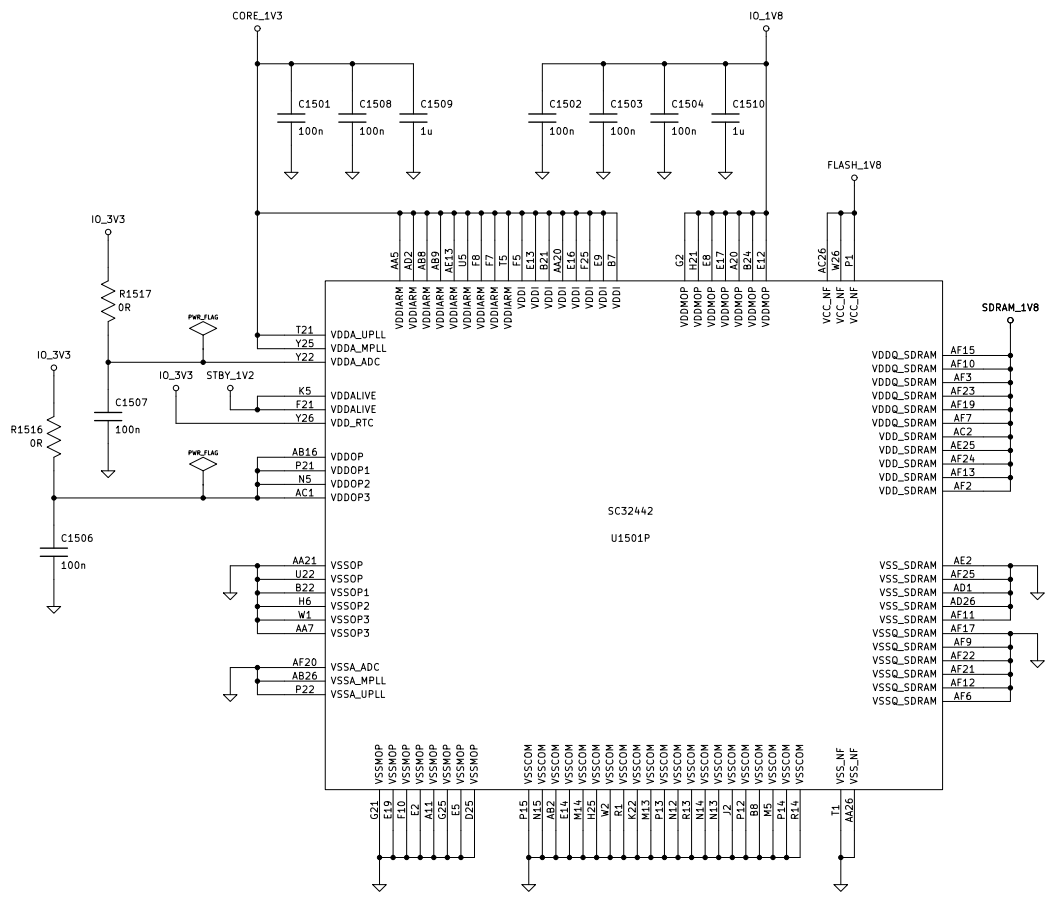
MODEM  
81xx

modem.sch

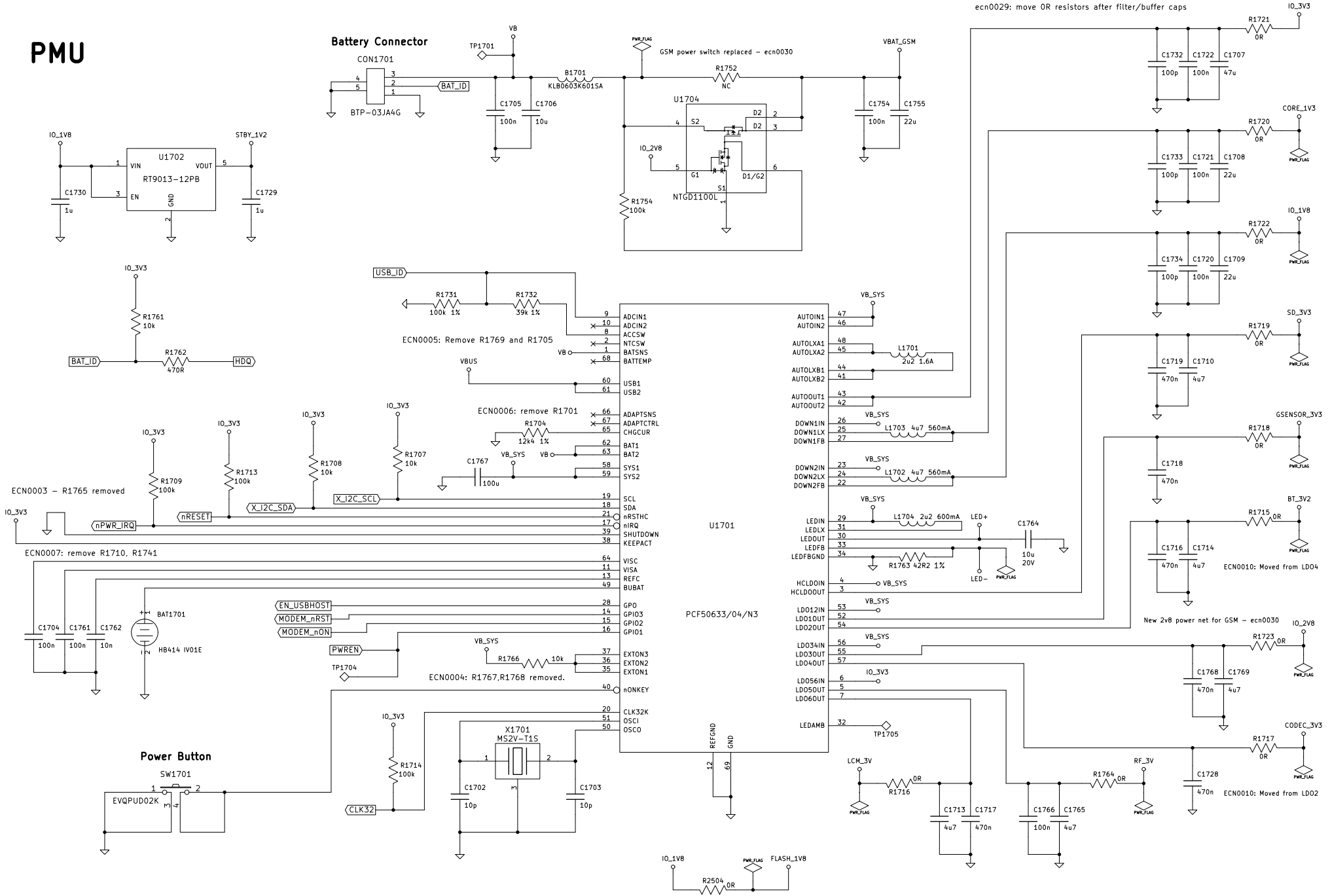
# CPU



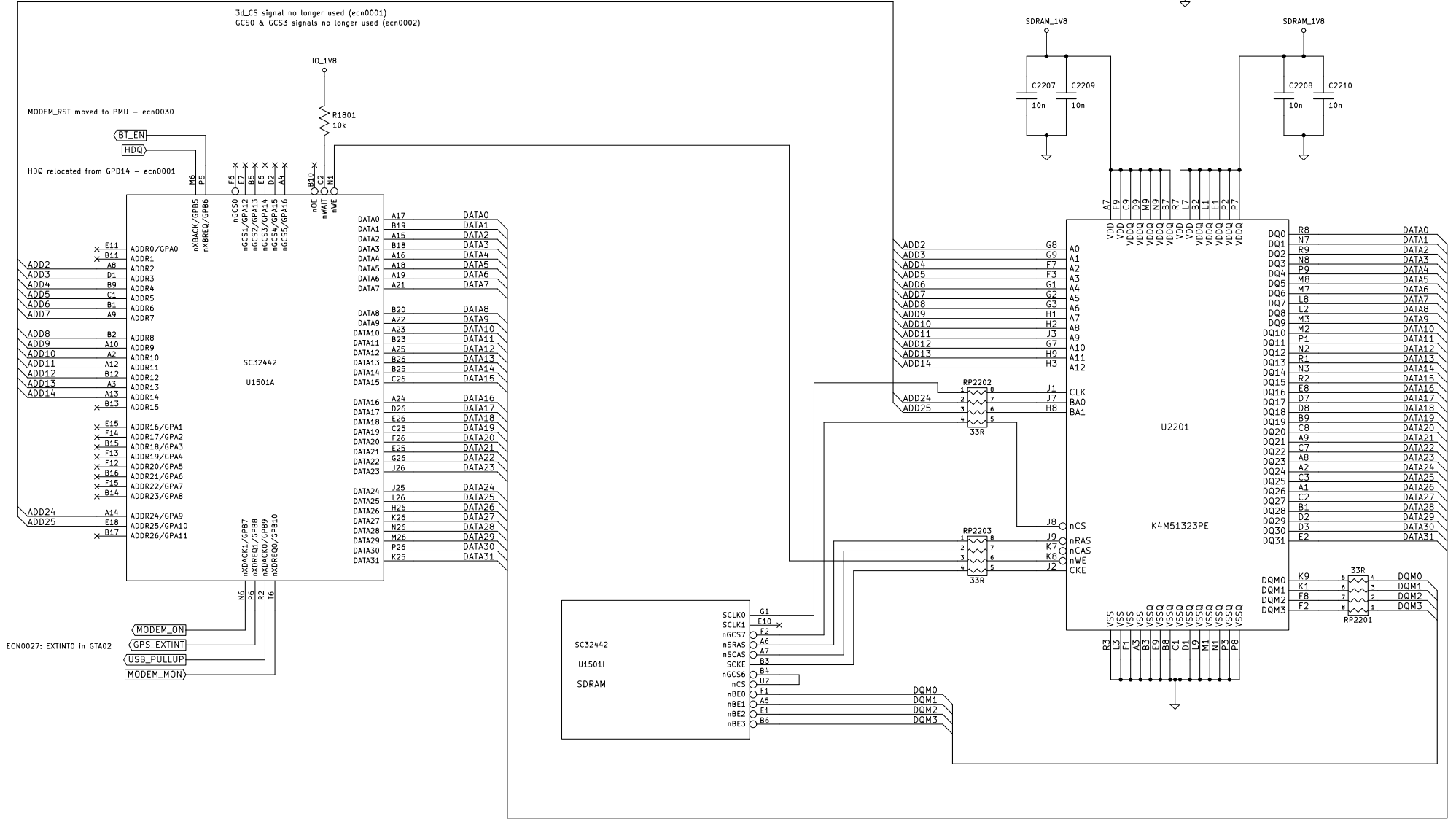
# CPU-POWER



# PMU



# MEMORY



# AUDIO

## Note:

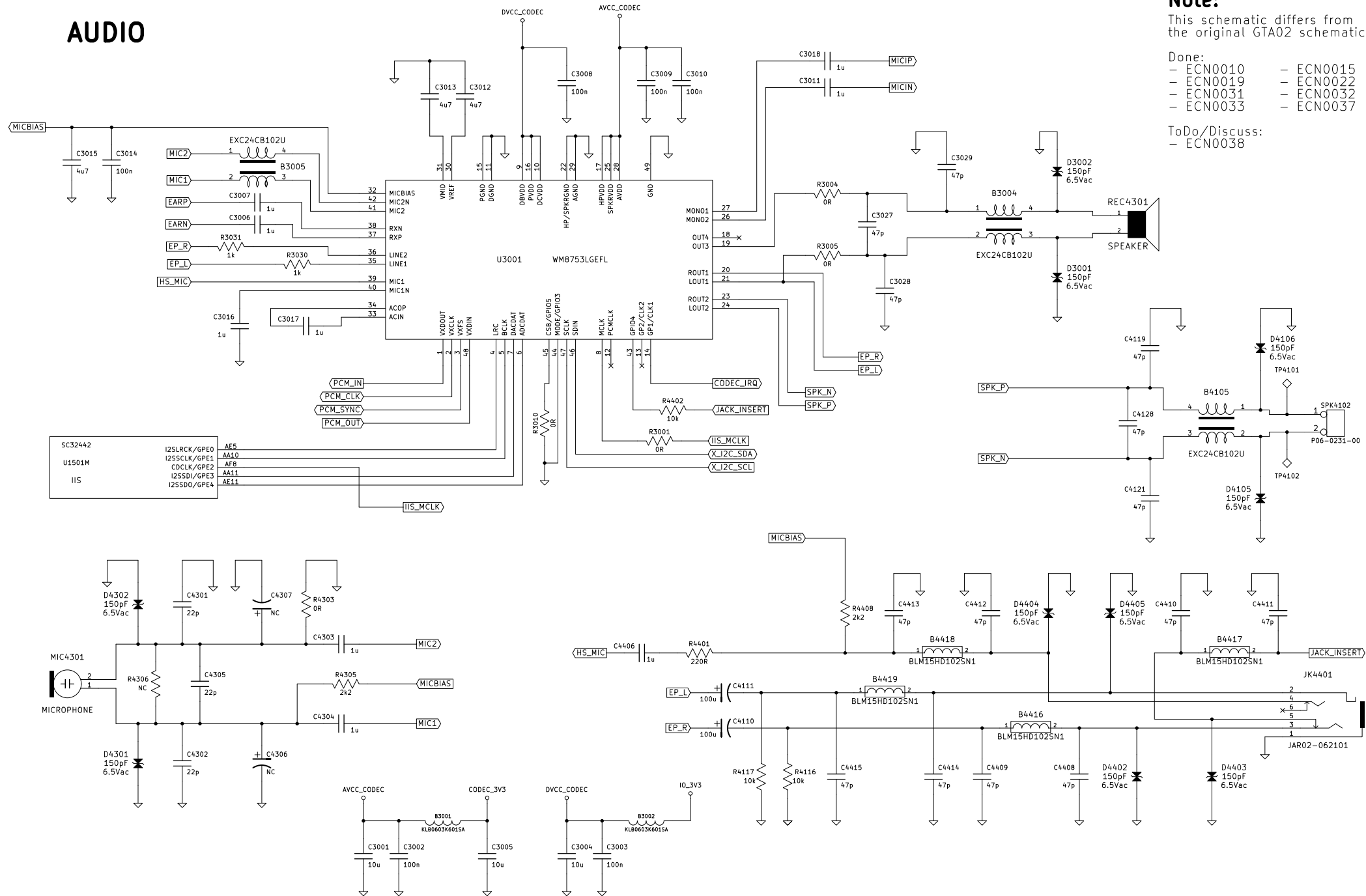
This schematic differs from the original GTA02 schematic.

Done:

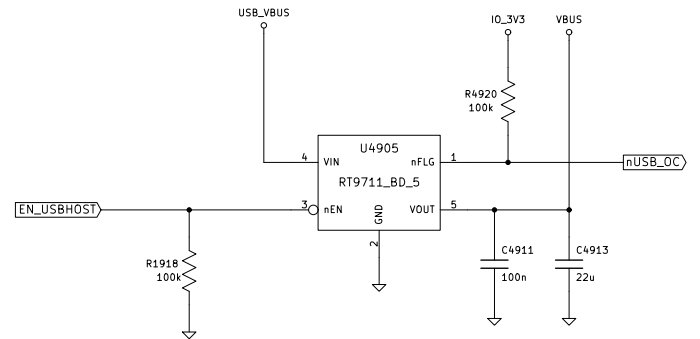
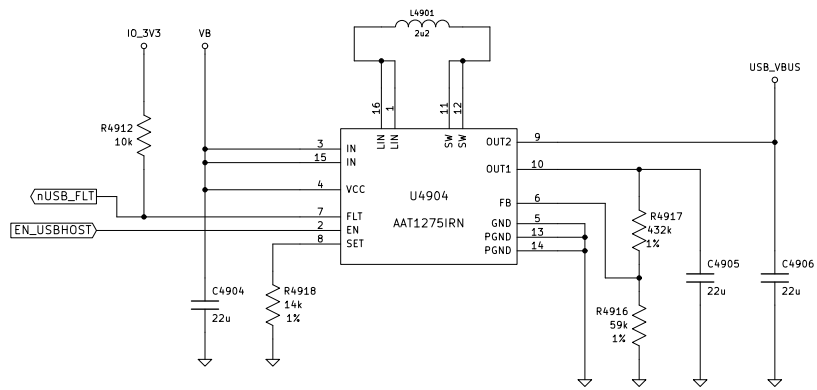
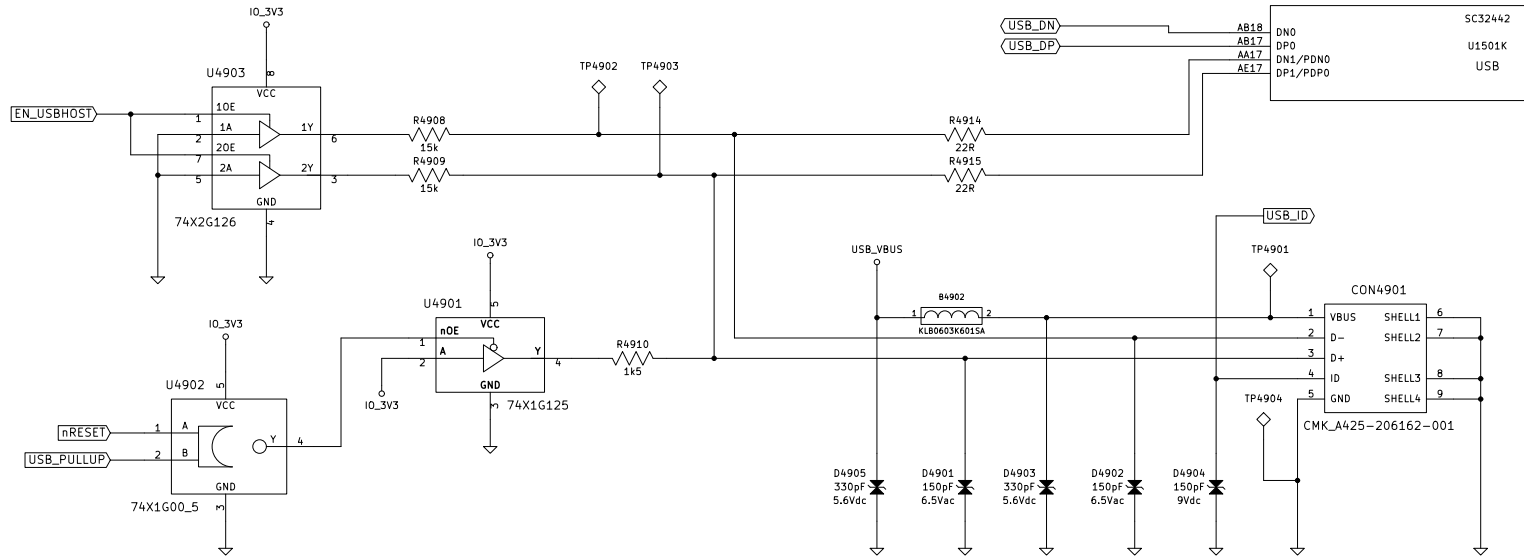
- ECN0010
- ECN0019
- ECN0031
- ECN0033
- ECN0015
- ECN0022
- ECN0032
- ECN0037

ToDo/Discuss:

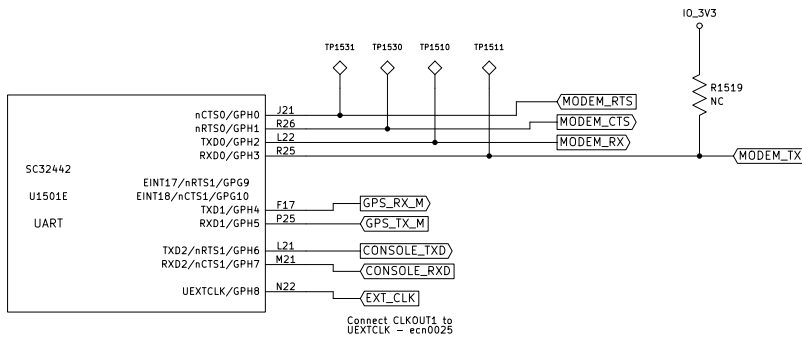
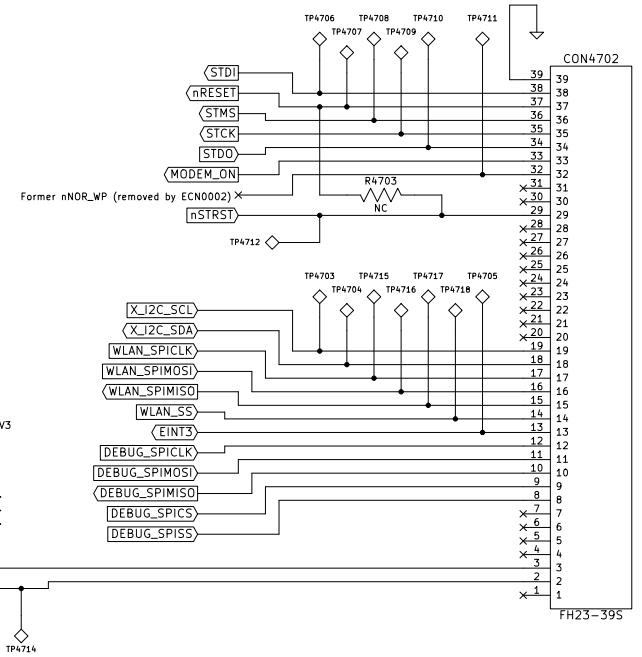
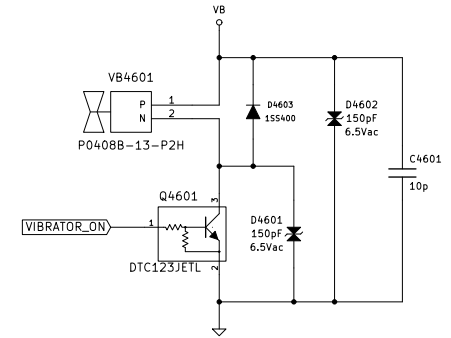
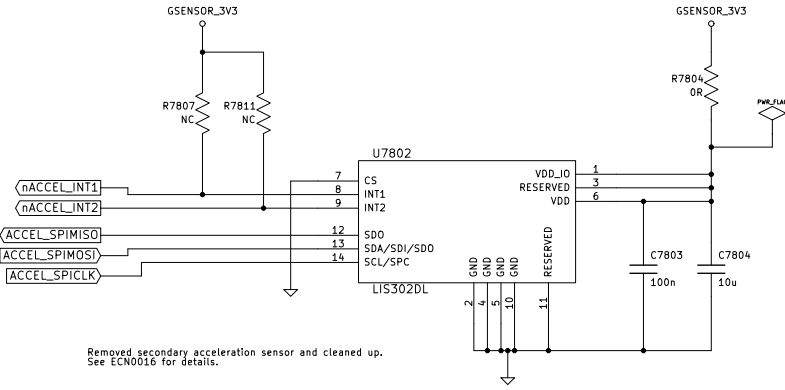
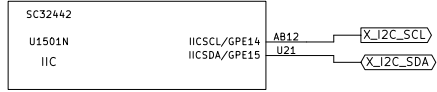
- ECN0038



# USB

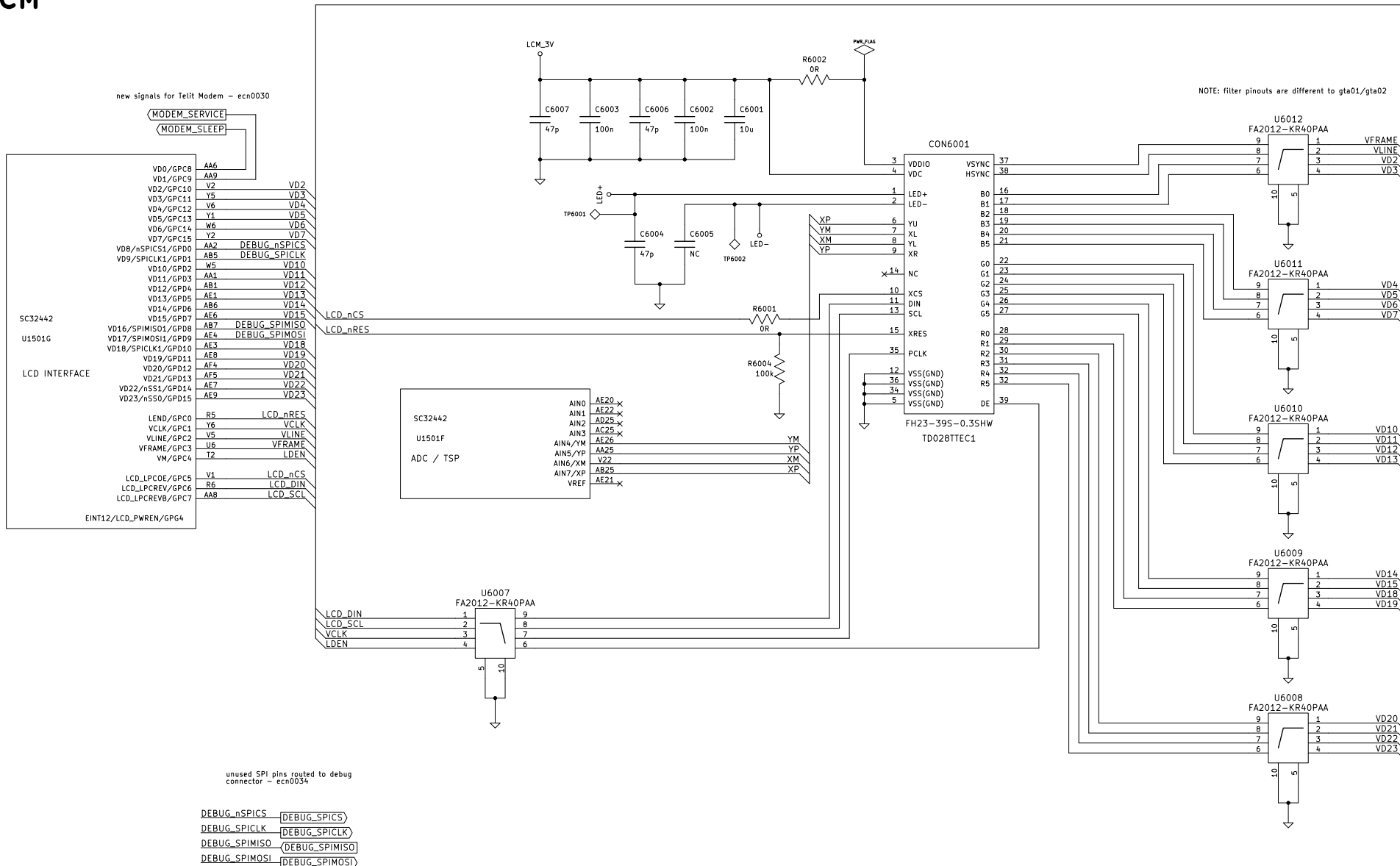


# I/O

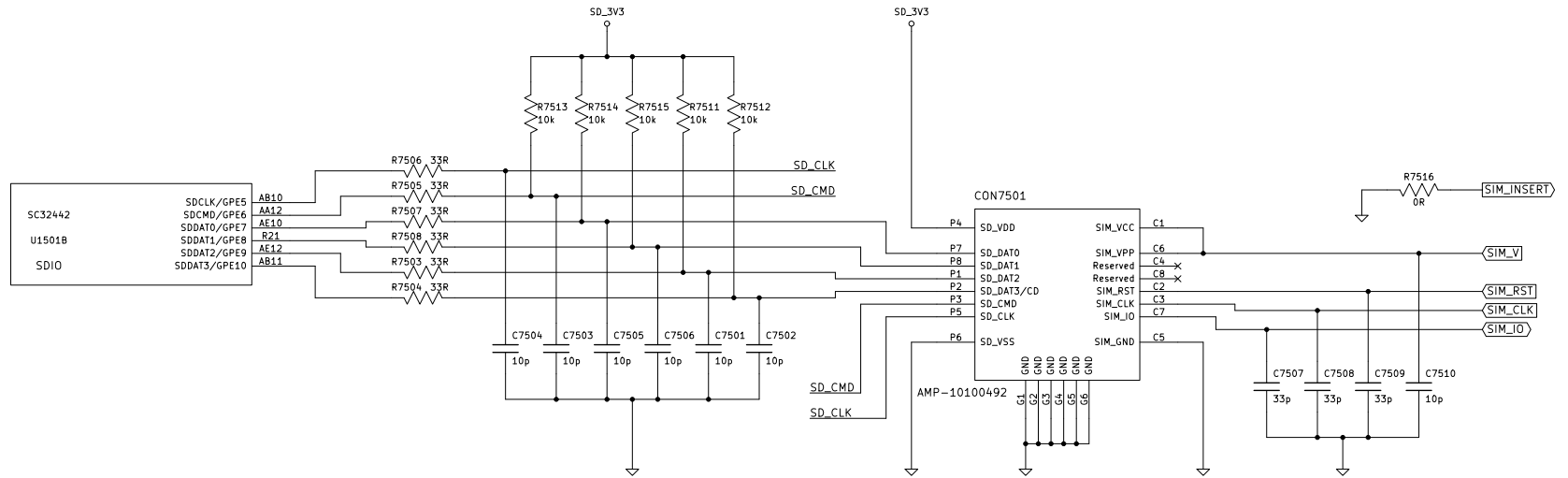




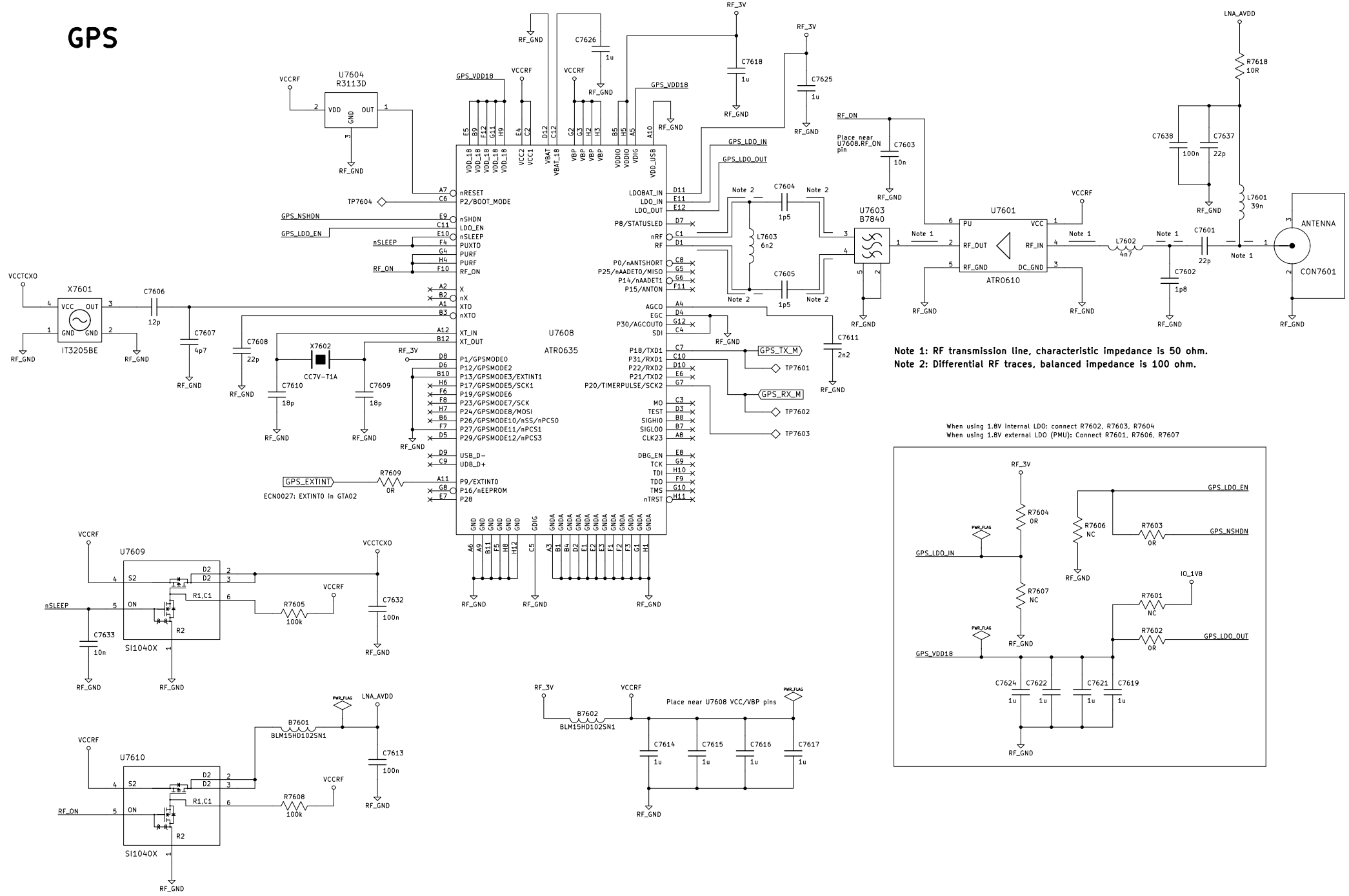
# LCM



# SD CARD / SIM

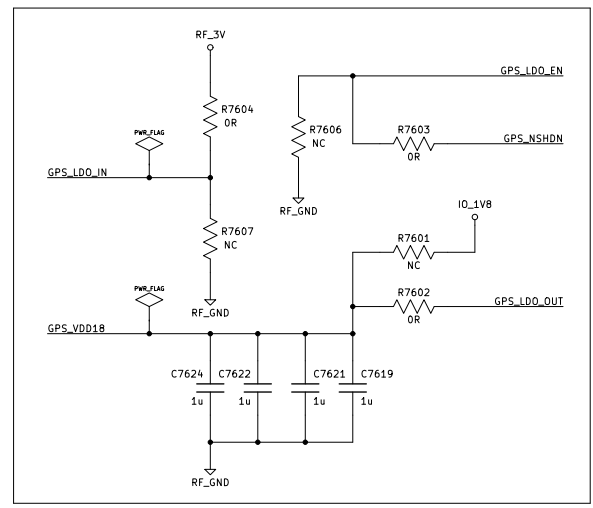


# GPS

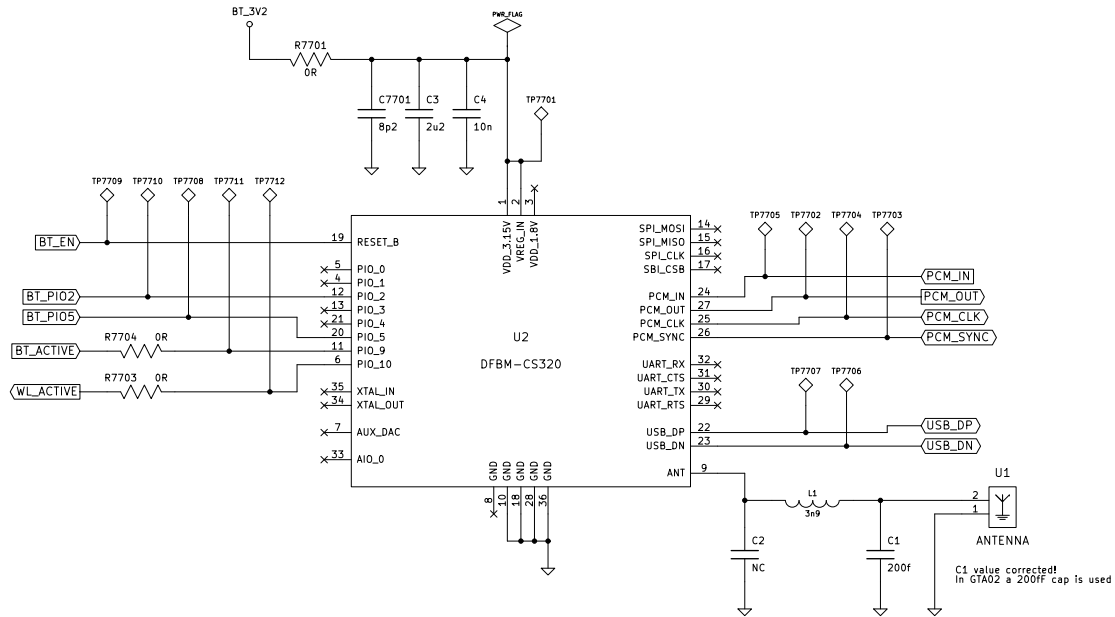


**Note 1:** RF transmission line, characteristic impedance is 50 ohm.  
**Note 2:** Differential RF traces, balanced impedance is 100 ohm.

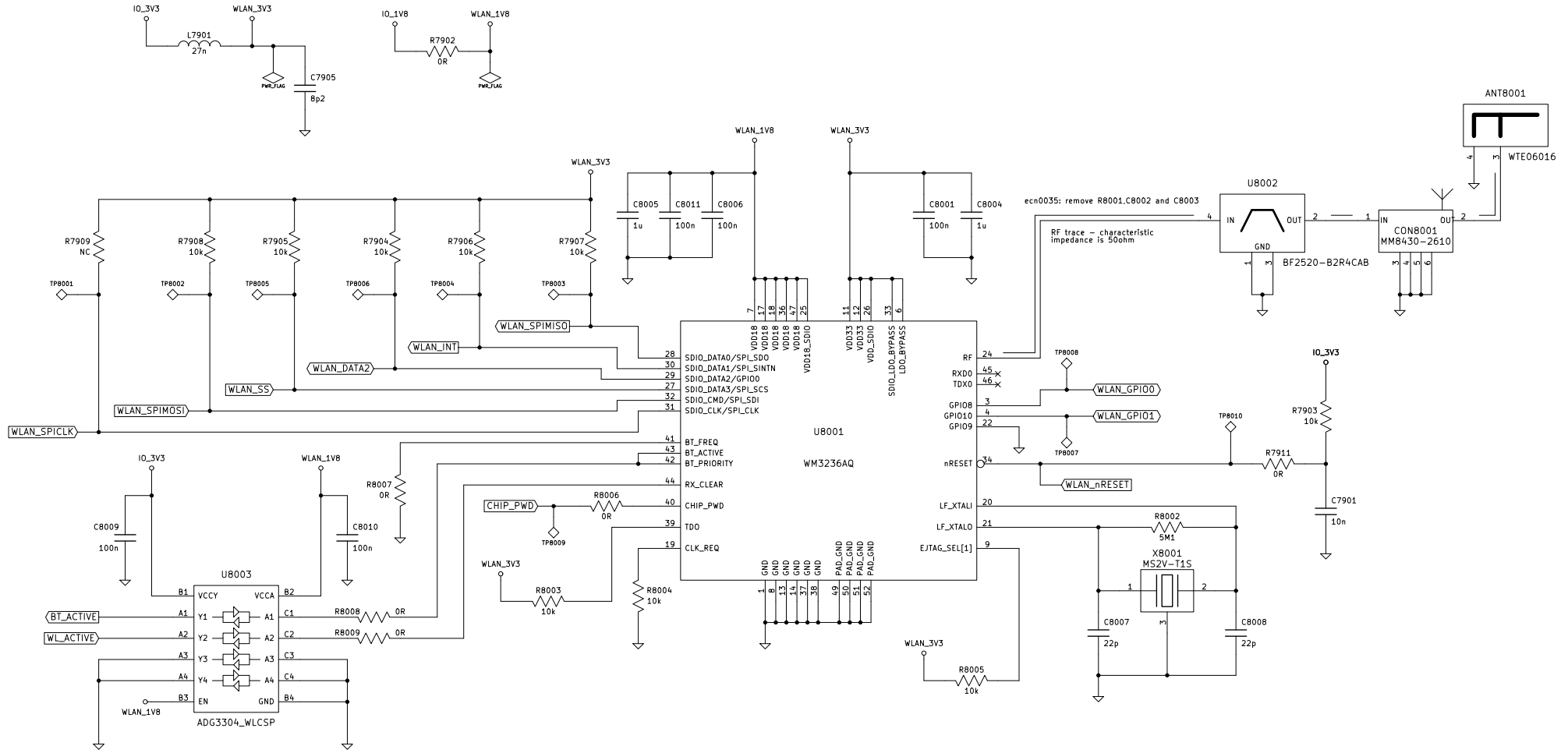
When using 1.8V internal LDO: connect R7602, R7603, R7604  
 When using 1.8V external LDO (PMU): Connect R7601, R7606, R7607



# BLUETOOTH



# WLAN



# MODEM

