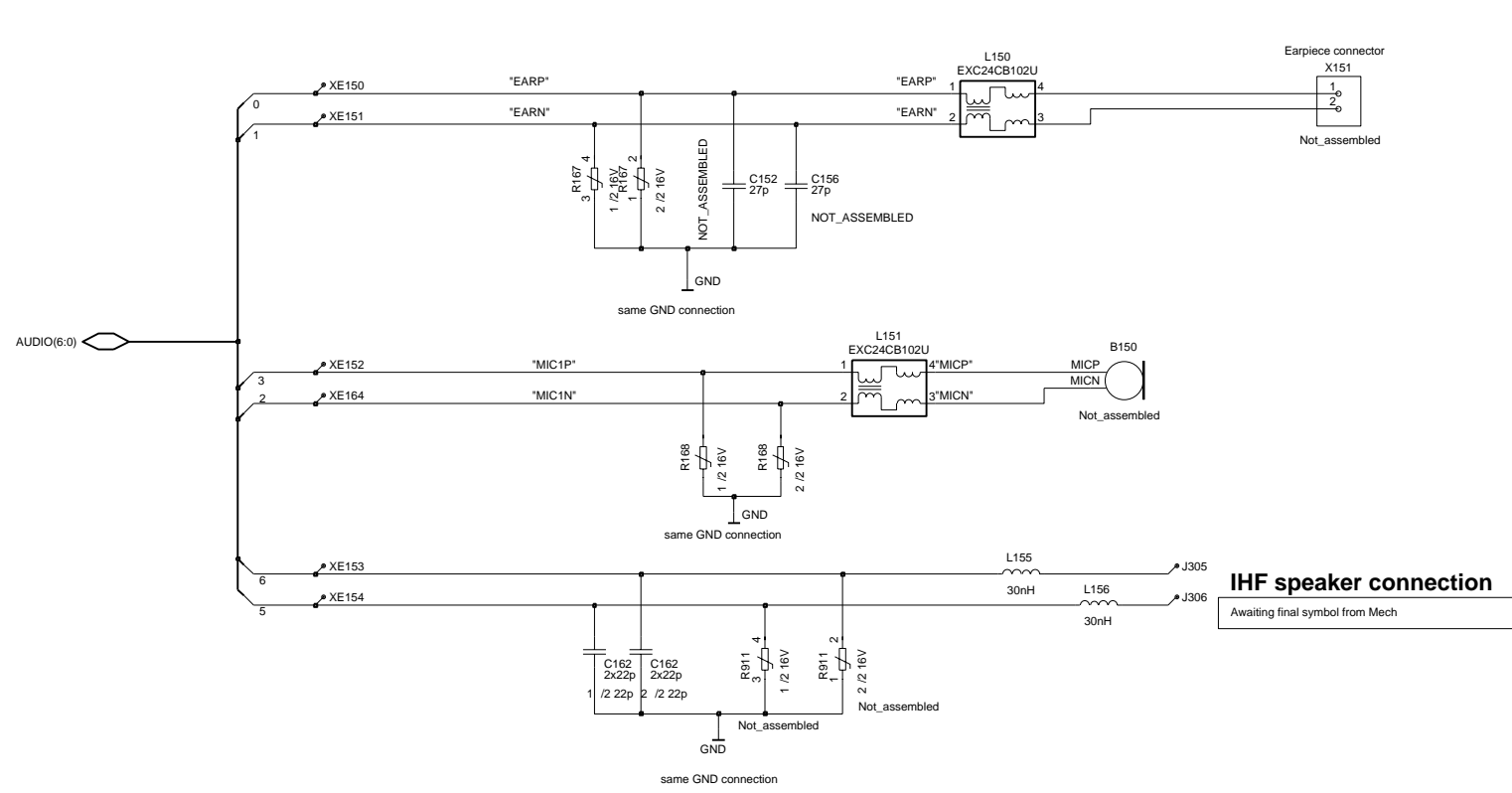
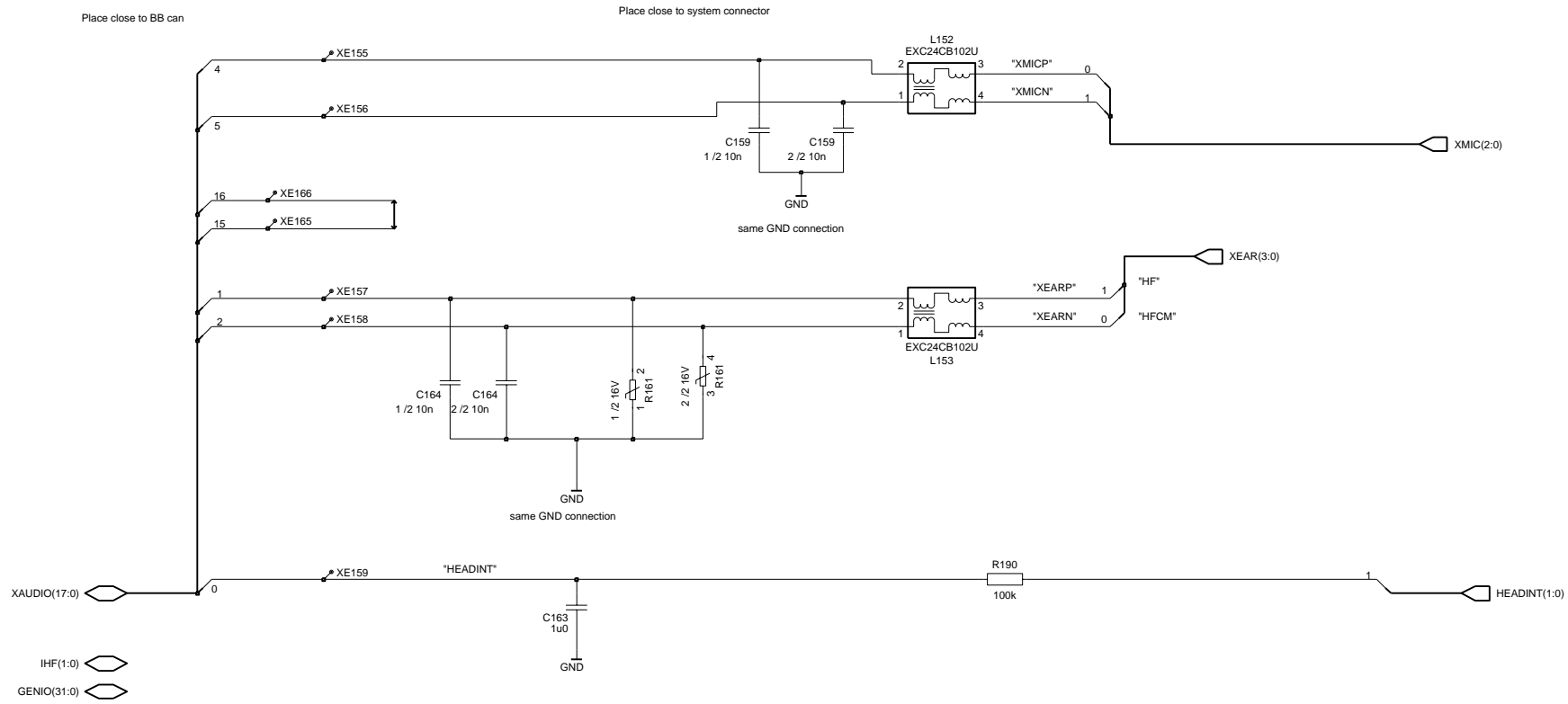


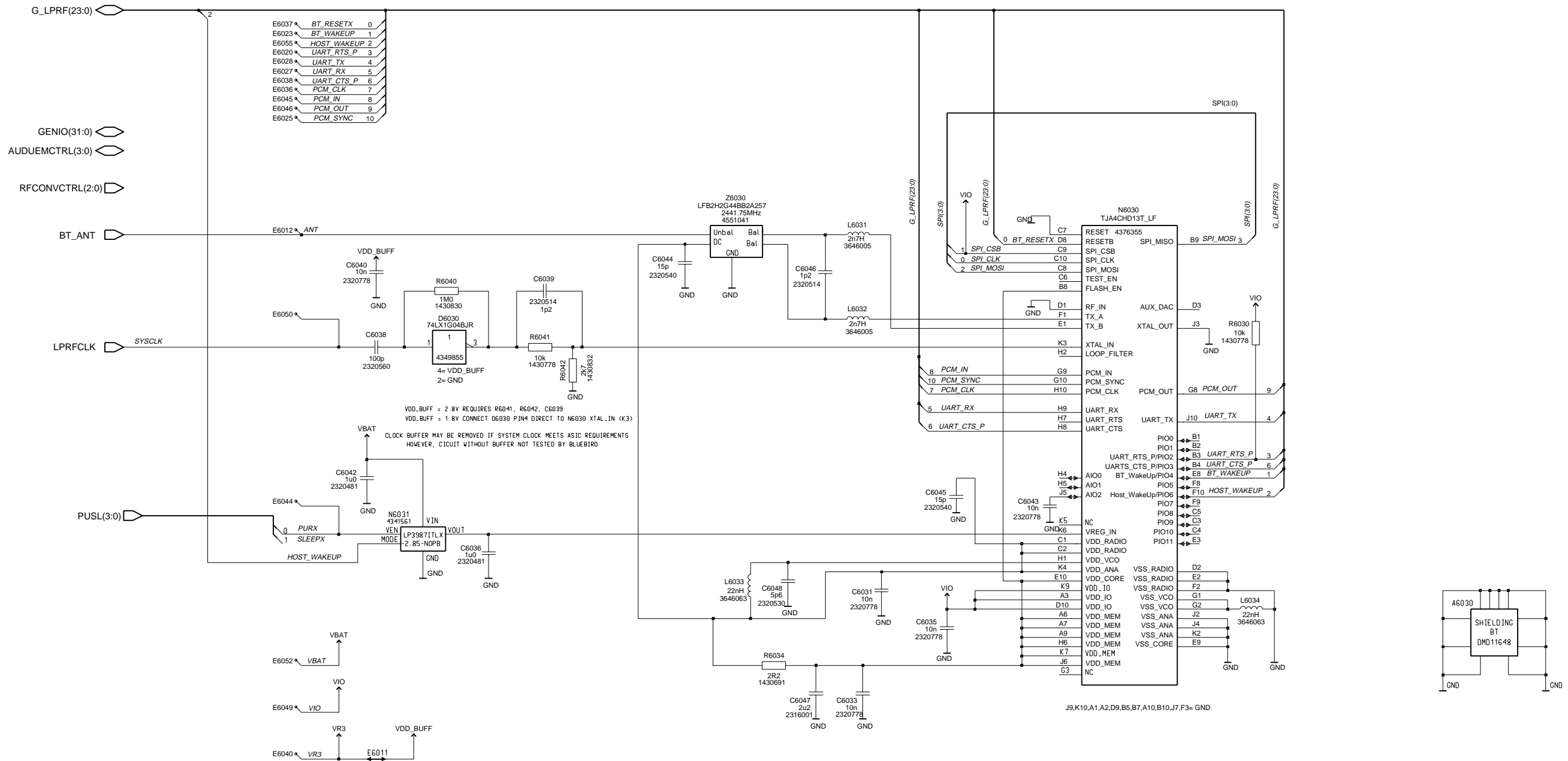
Audio



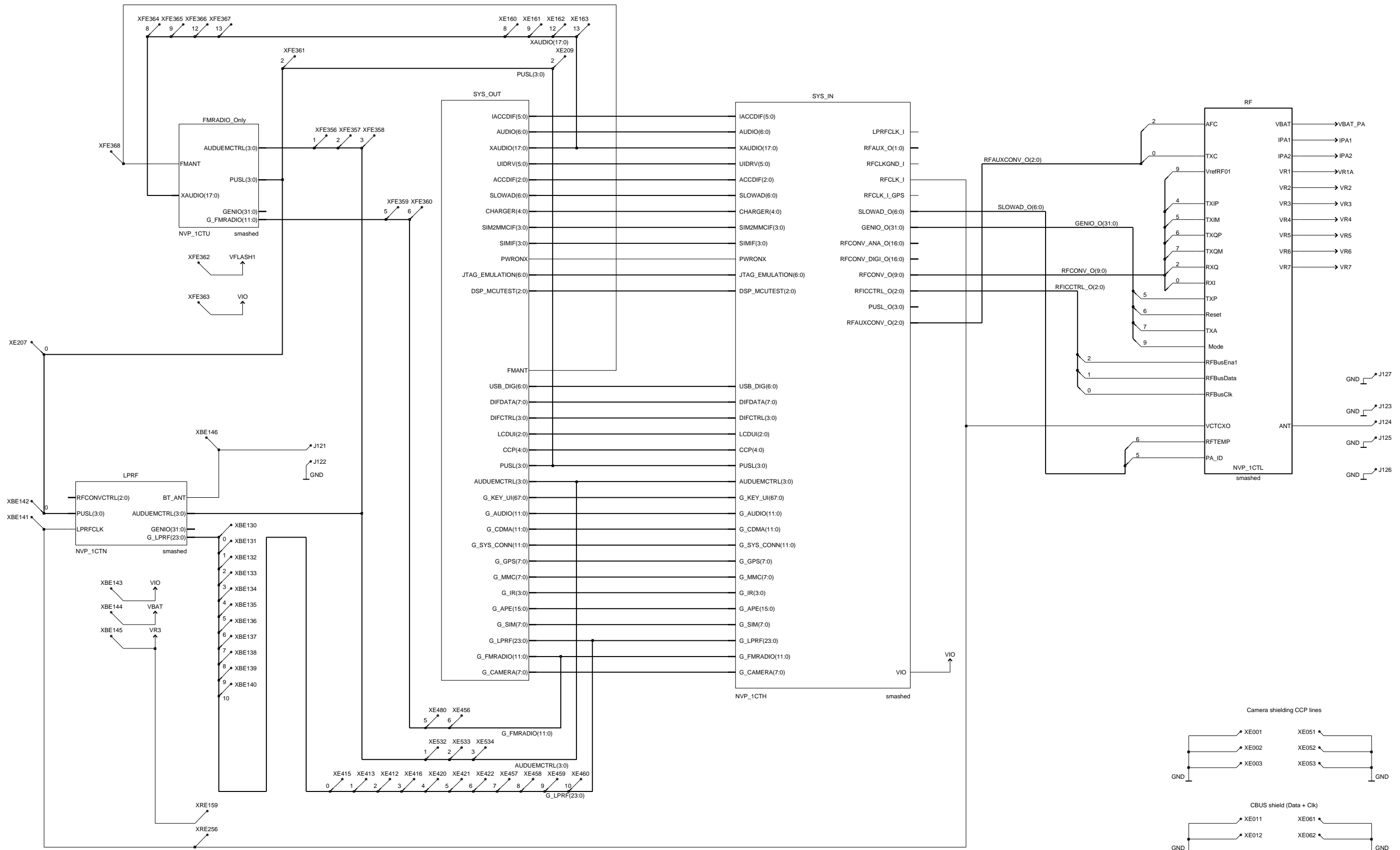
- G_AUDIO(11:0)
- EAR(1:0)
- SLOWAD(6:0)
- AUDUEMCTRL(3:0)
- UIDRV(5:0)
- MIC(2:0)
- MCBS2P(5:0)
- APE_AUDIO(4:0)
- APE_GPIO(15:0)
- IHF_XEAR(1:0)
- HOOKINT
- PUSL(3:0)



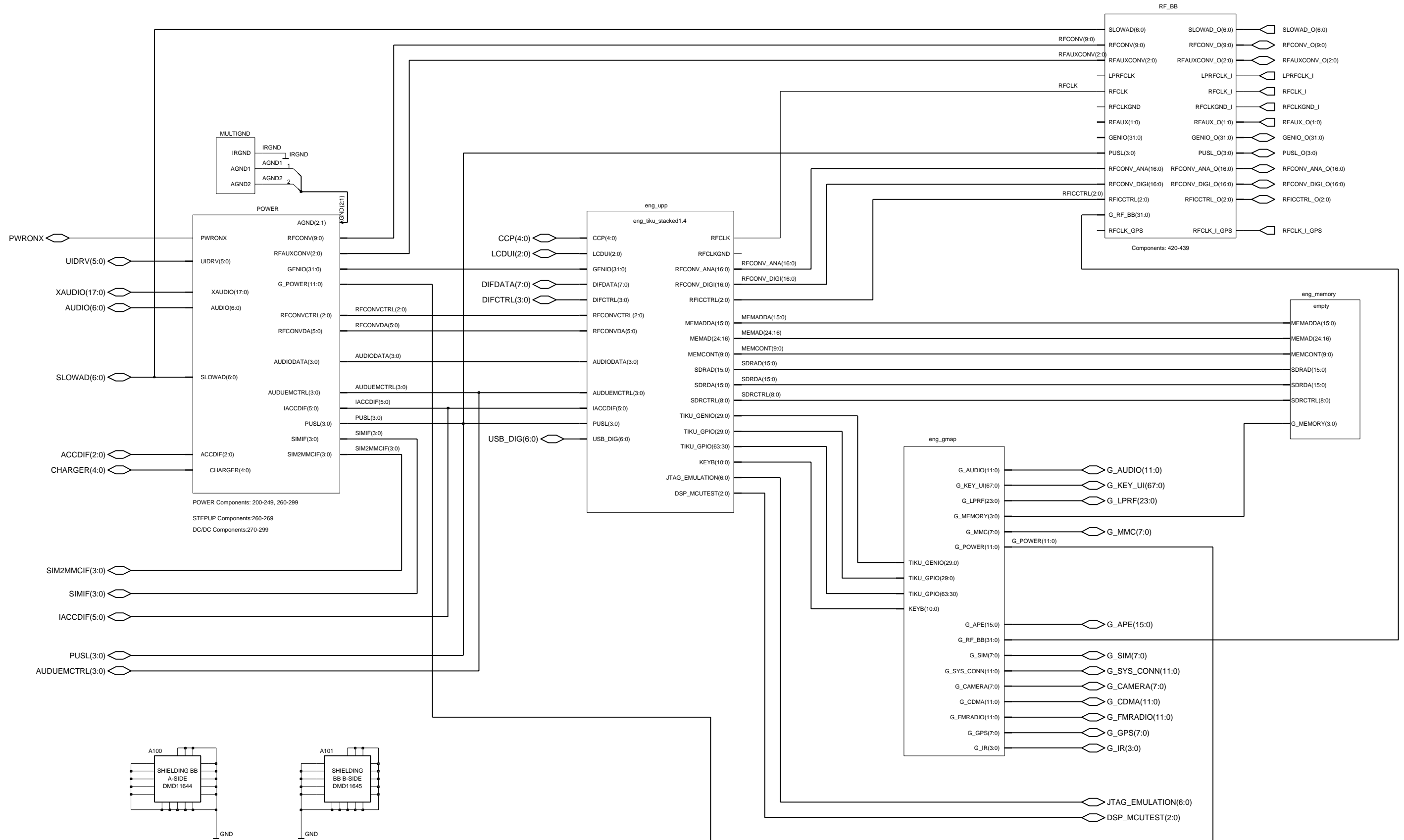
BTH COST



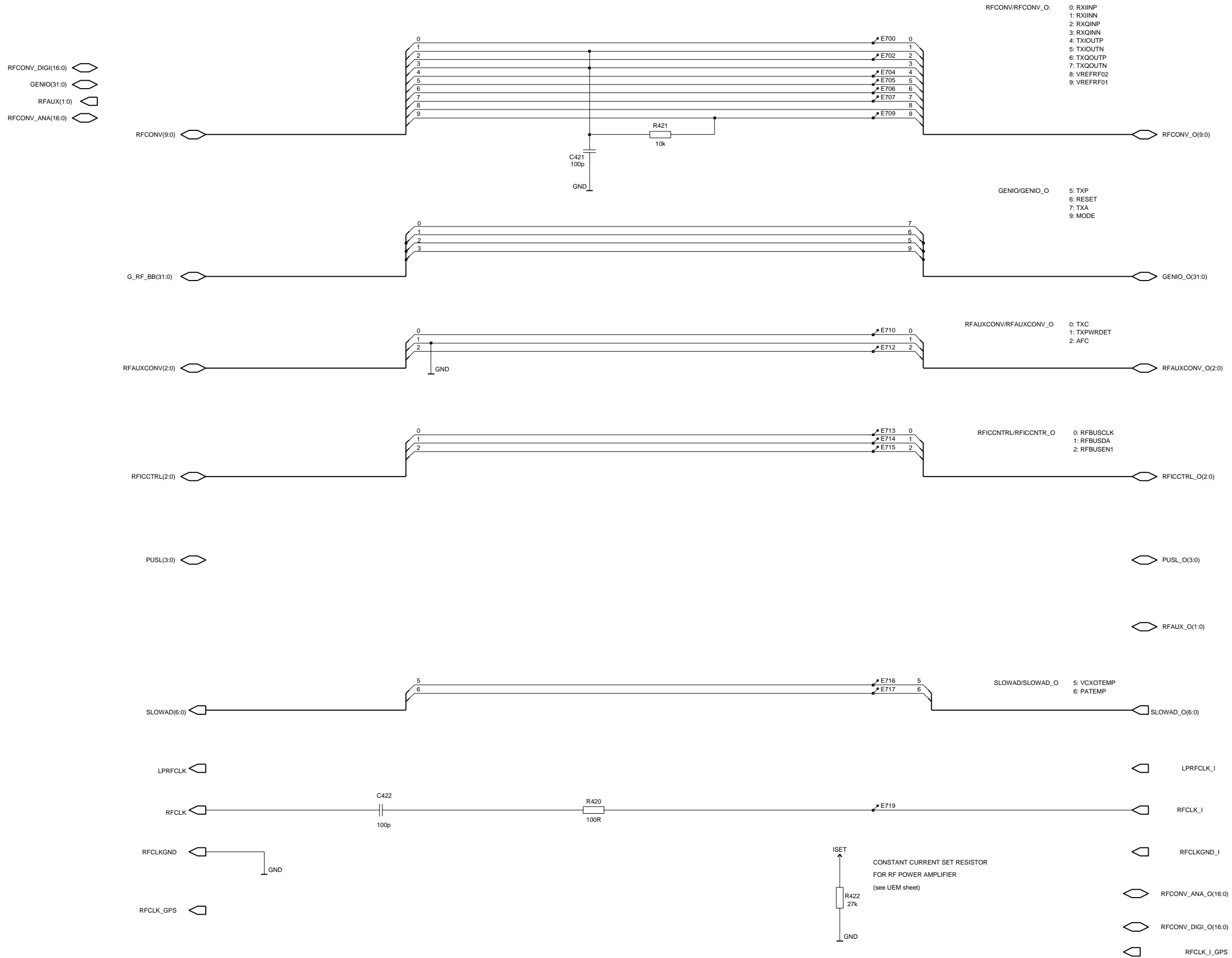
Top level



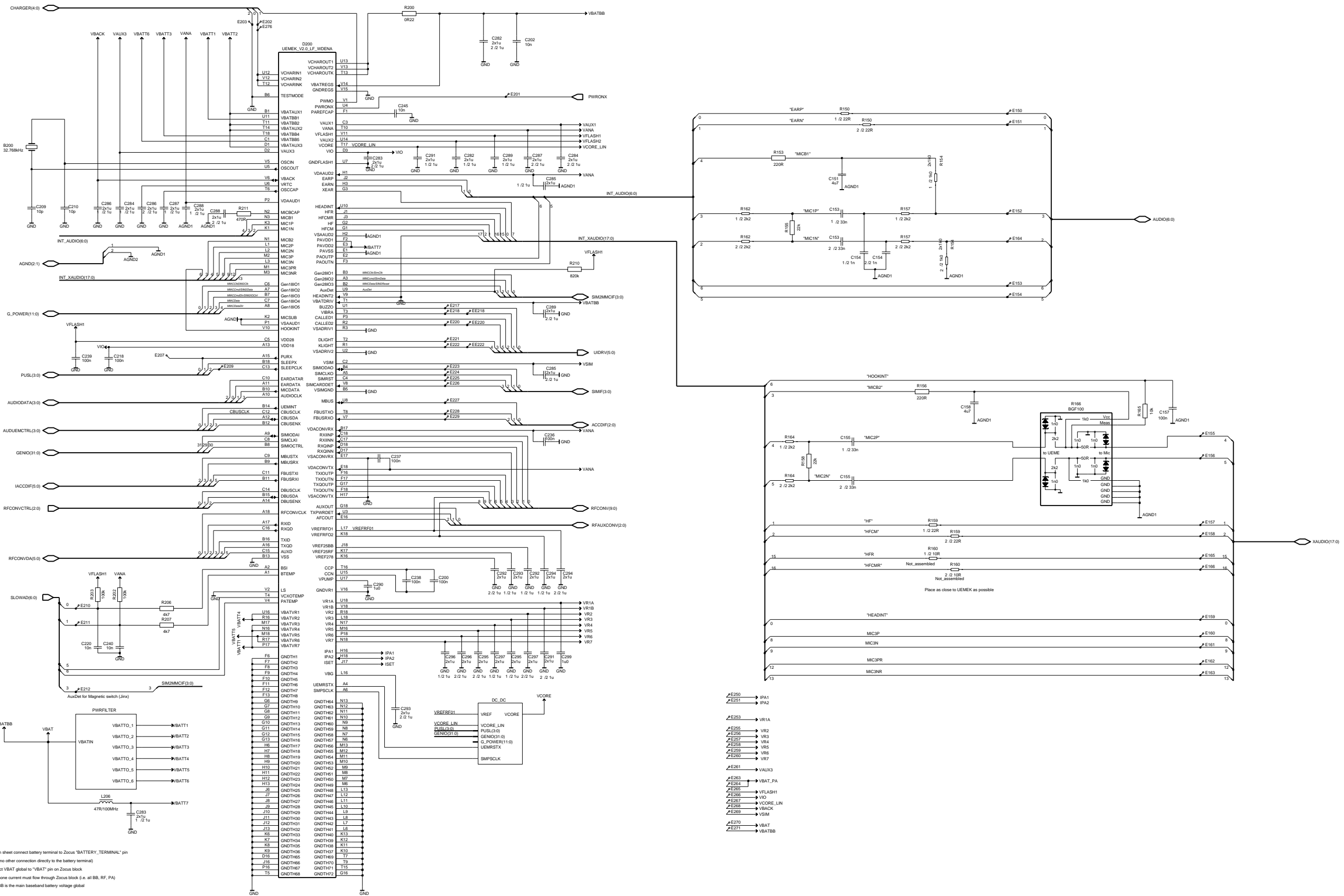
Micro BB engine



RF-BB interface



UEMEK

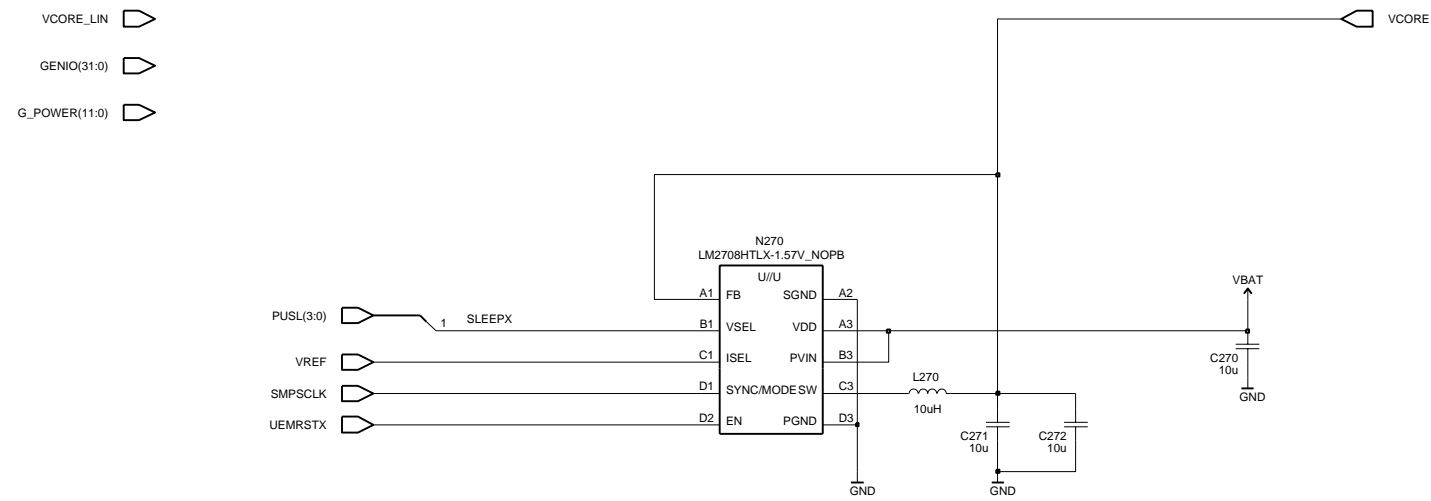


!TE: On system sheet connect battery terminal to Zocus 'BATTERY_TERMINAL' pin
 (make no other connection directly to the battery terminal)
 Connect VBAT global to 'VBAT' pin on Zocus block
 ALL phone current must flow through Zocus block (i.e. all BB, RF, PA)
 VBATB is the main baseband battery voltage global

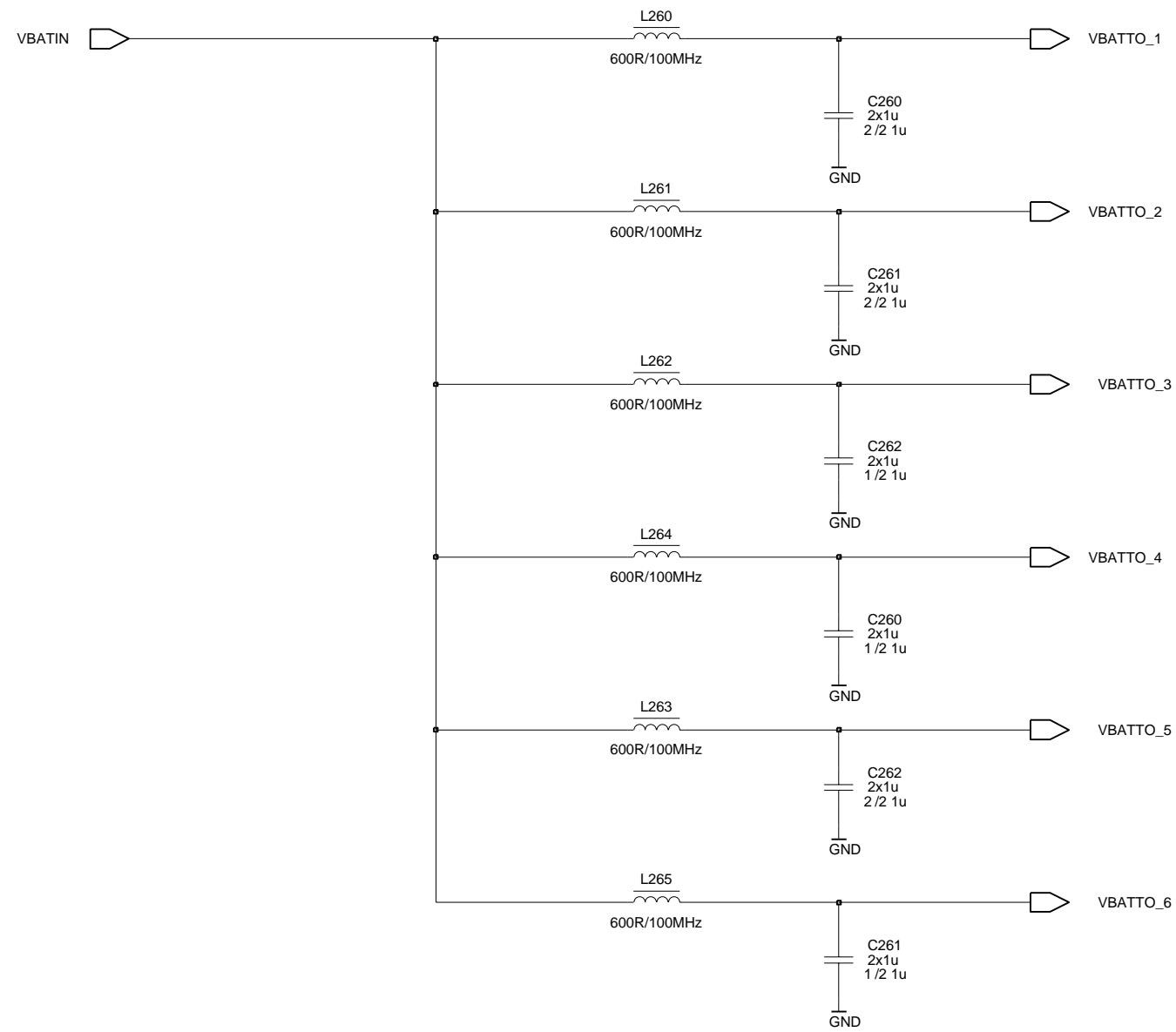
!TE: This sheet only to be used with Li battery products as E1/3 capacitors
 do not meet derating requirements when Ni batteries are used

!TE: V2/8 IR modules are not supported

DC-DC for Tiku

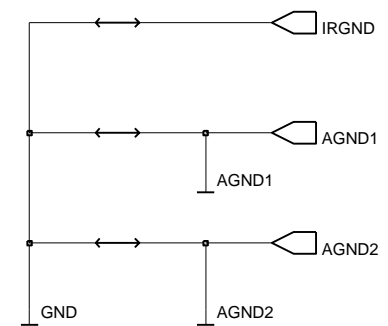


Light filtering



NOTE: This sheet uses dual 1uF capacitors. Check that full approval has been granted for these parts before use, or use this sheet at risk

MultiGND



Flash memory

MEMAD(24:16)

G_MEMORY(3:0)

MEMCONT(9:0)

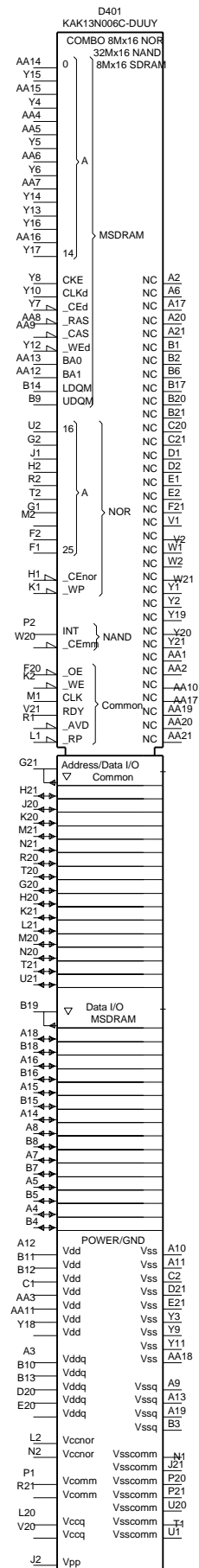
SDRAD(15:0)

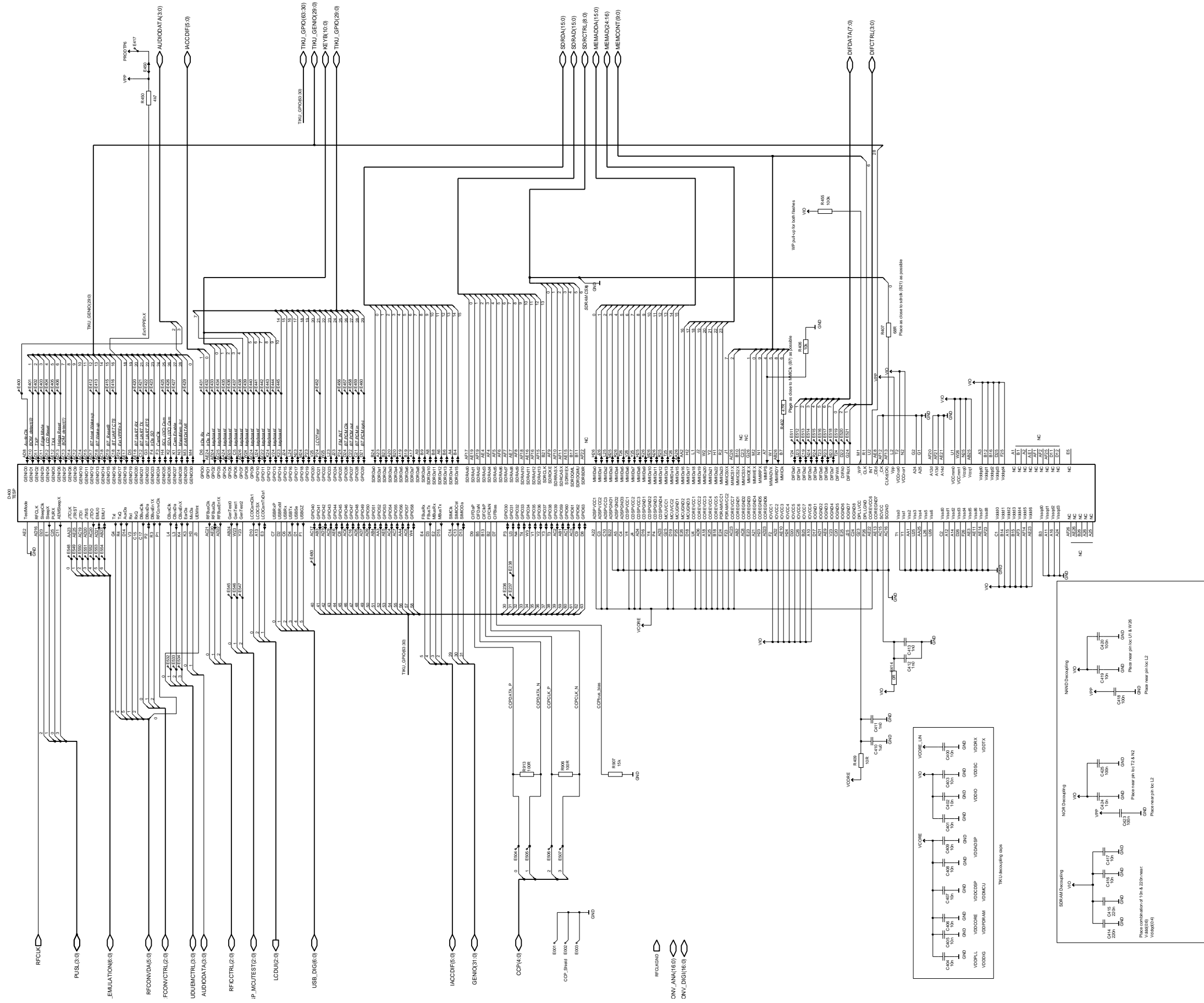
SDRCTRL(8:0)

SDRDA(15:0)

MEMAD(24:16)

MEMADDA(15:0)

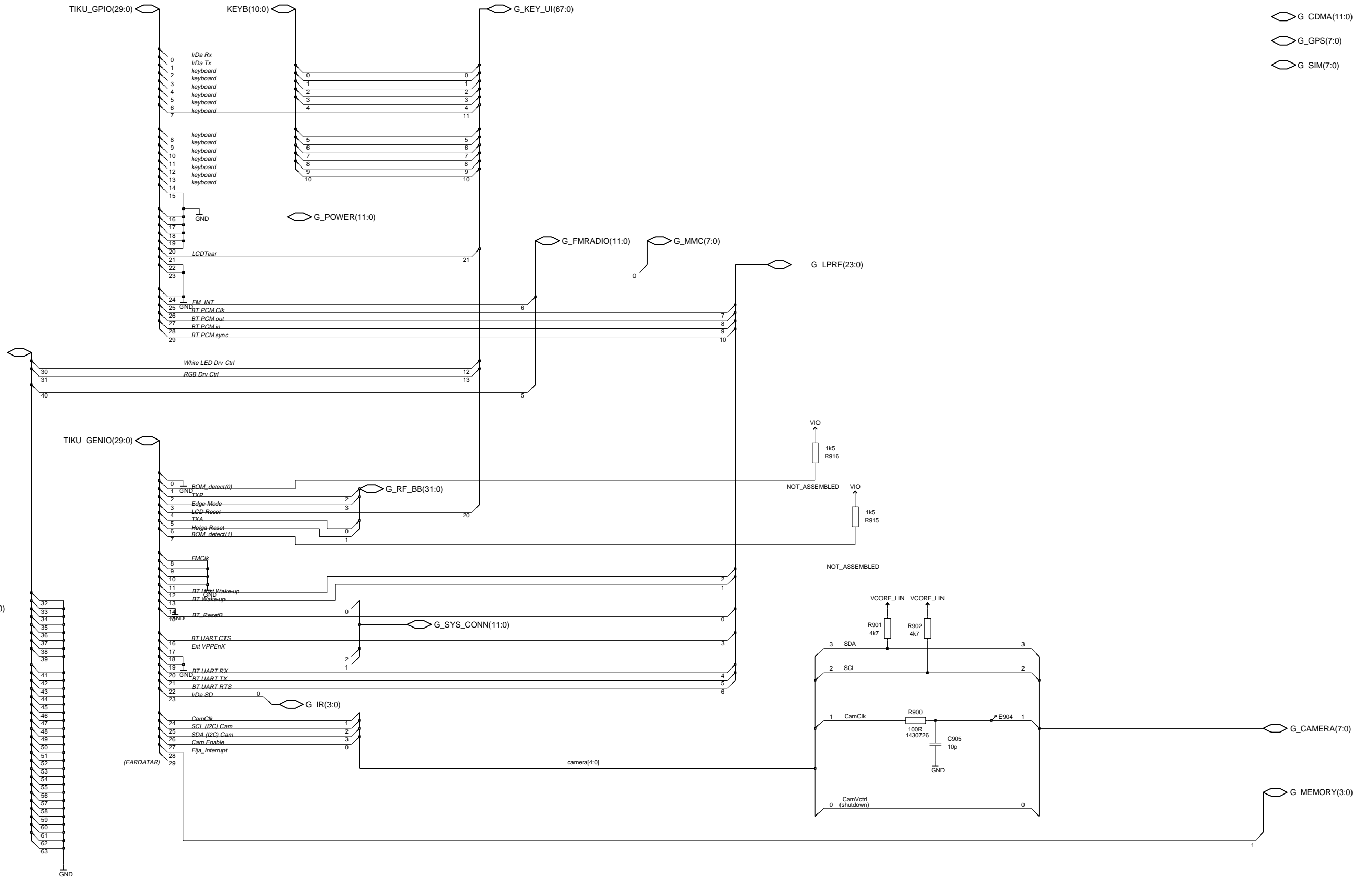




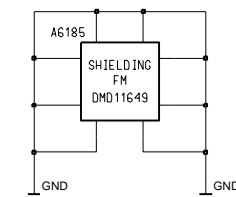
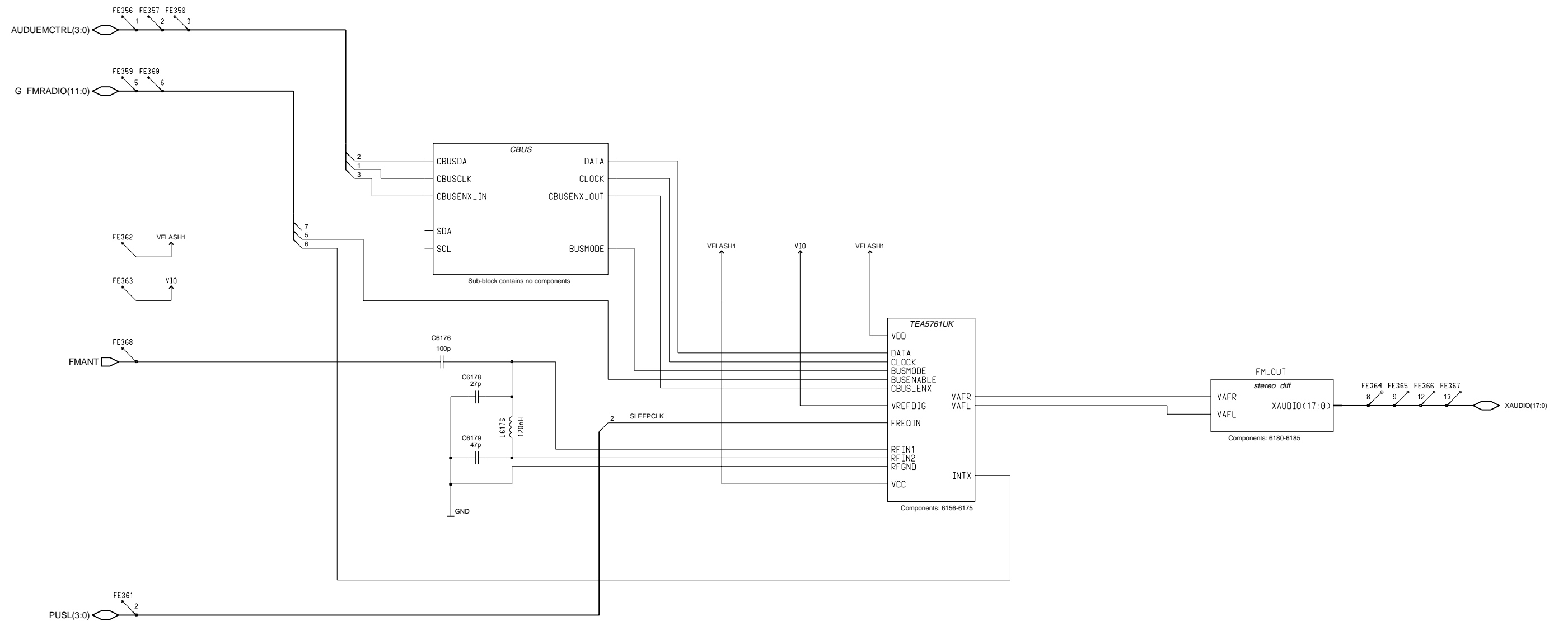
Tiku GPIO and GENIO

TIKU GPIO & GENIO BUSES

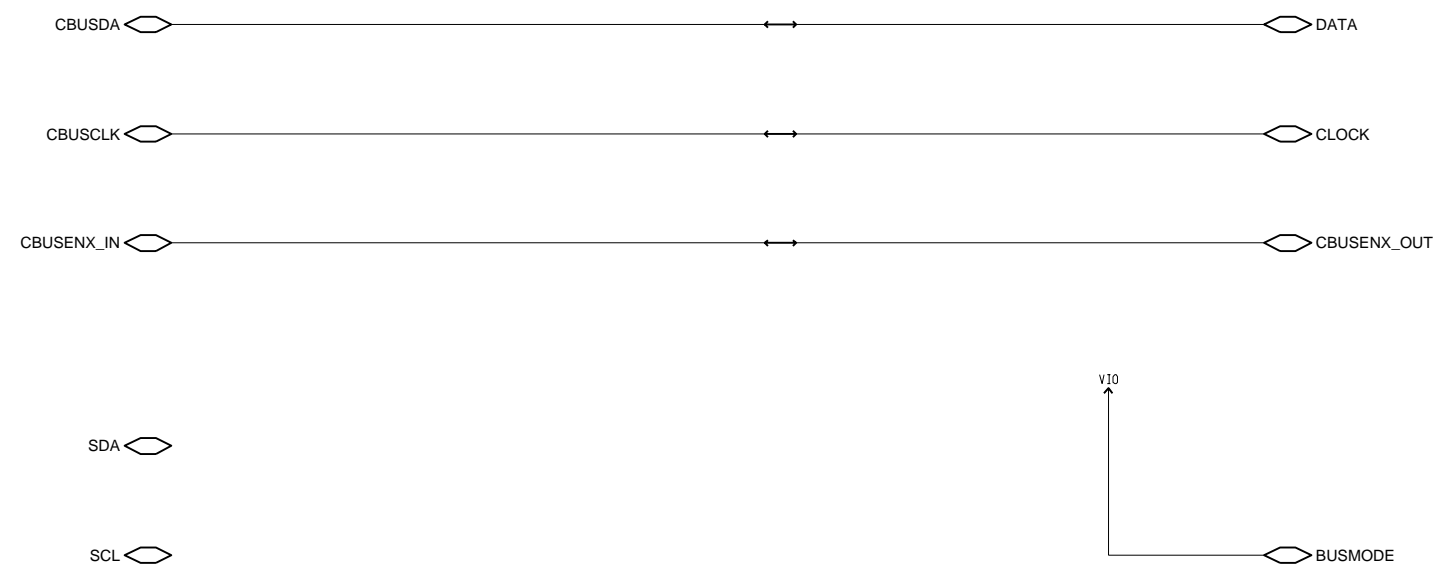
- ⬡ G_AUDIO(11:0)
- ⬡ G_APE(15:0)
- ⬡ G_CDMA(11:0)
- ⬡ G_GPS(7:0)
- ⬡ G_SIM(7:0)



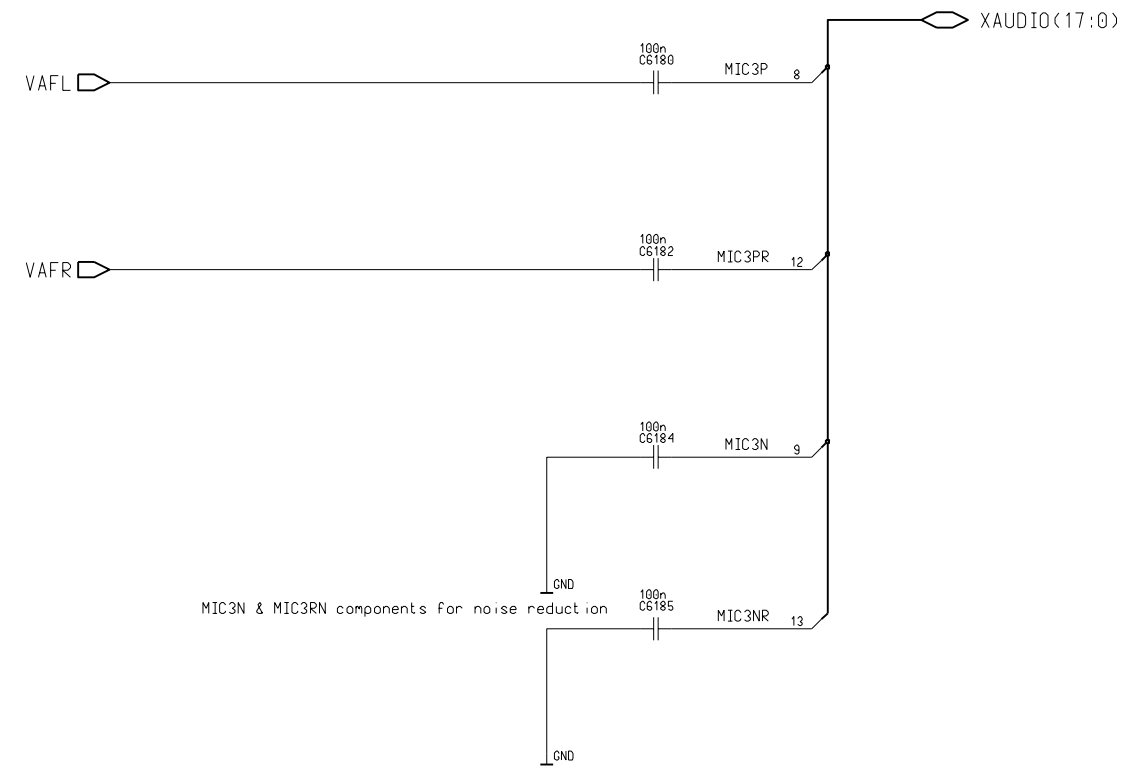
FM radio



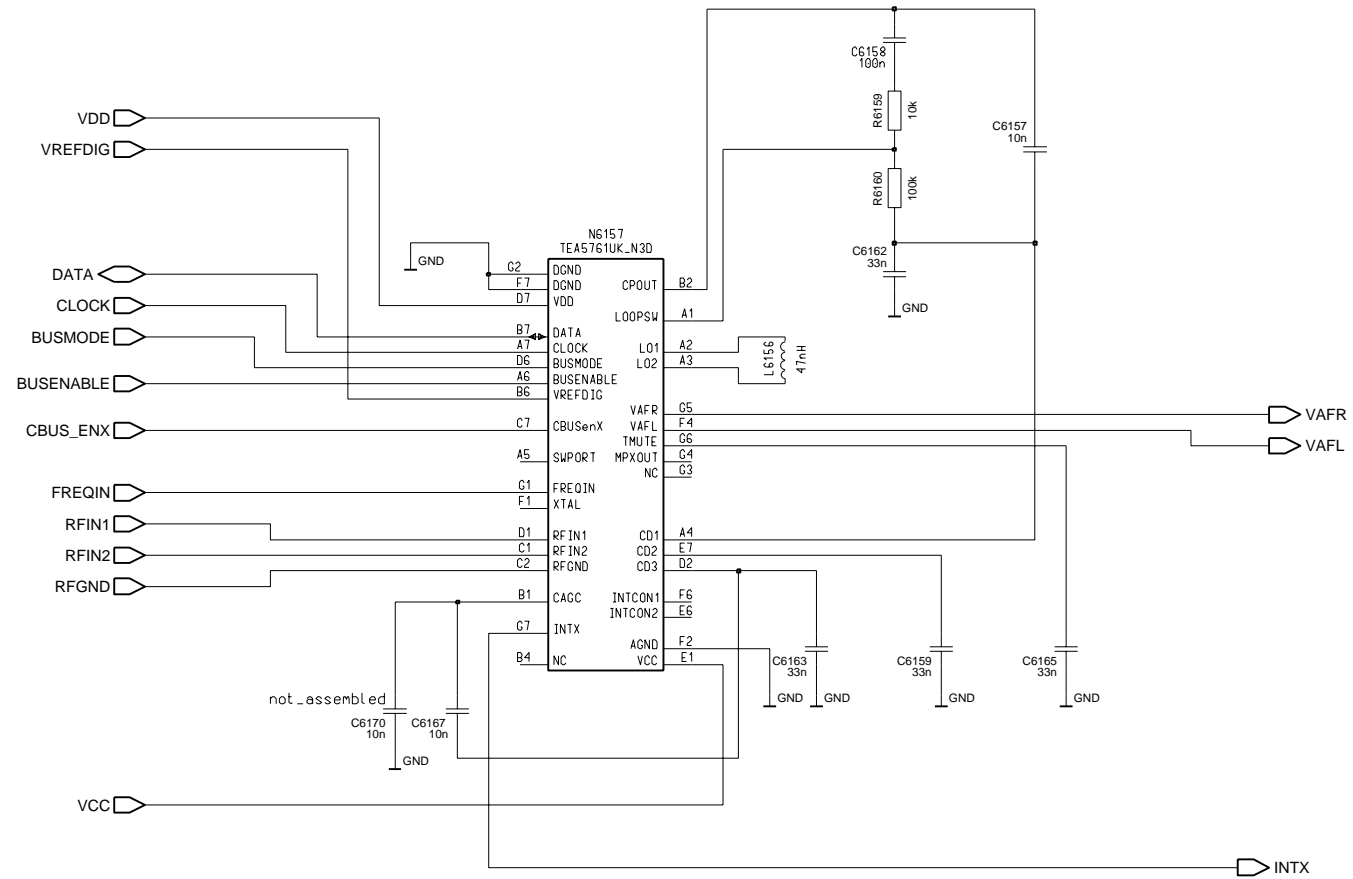
CBUS



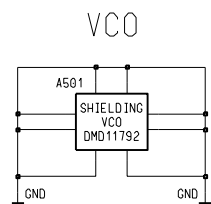
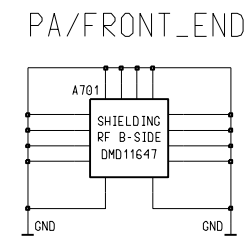
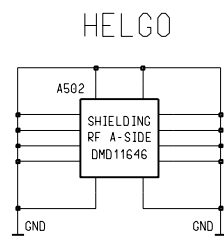
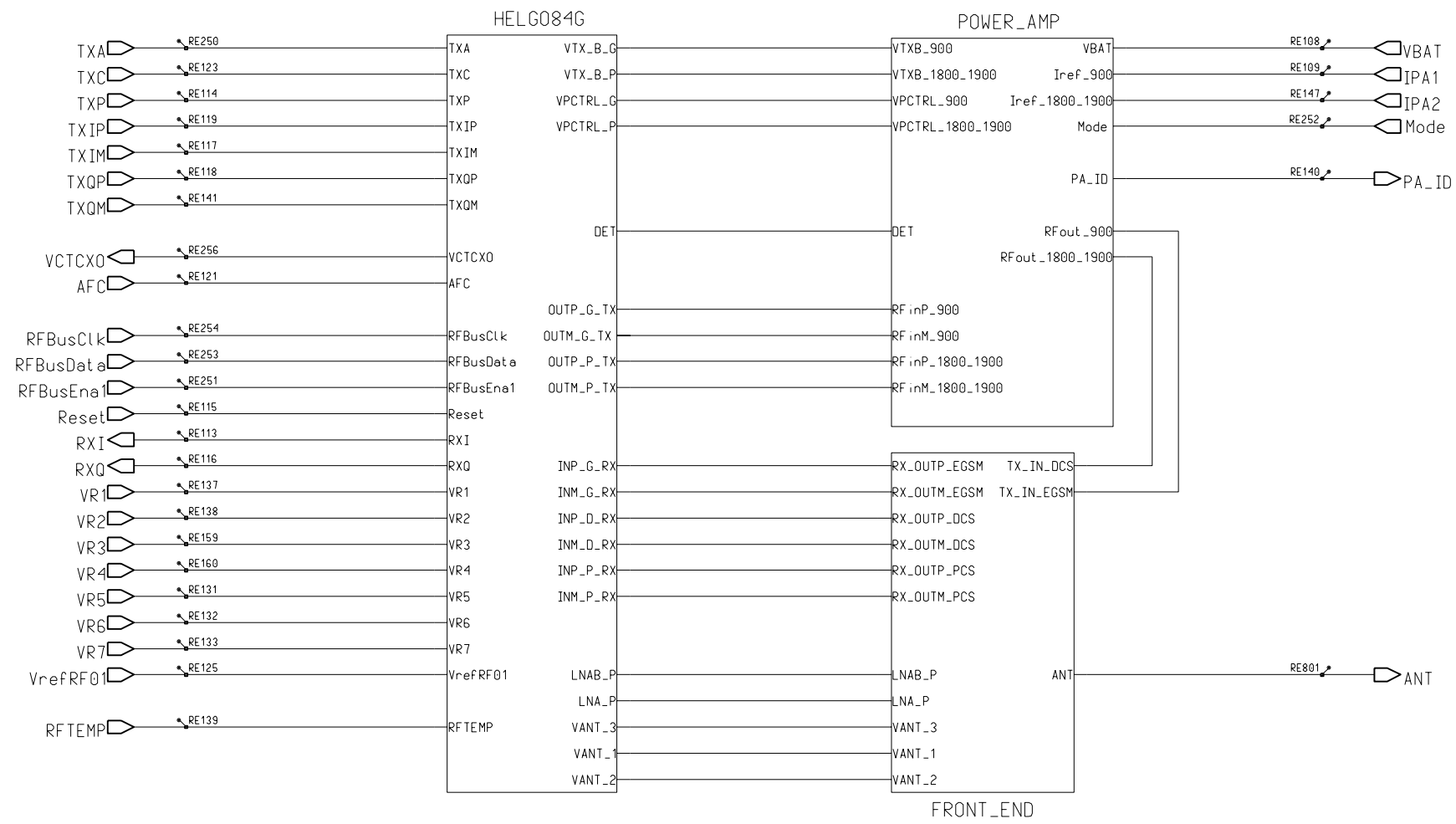
Differential stereo



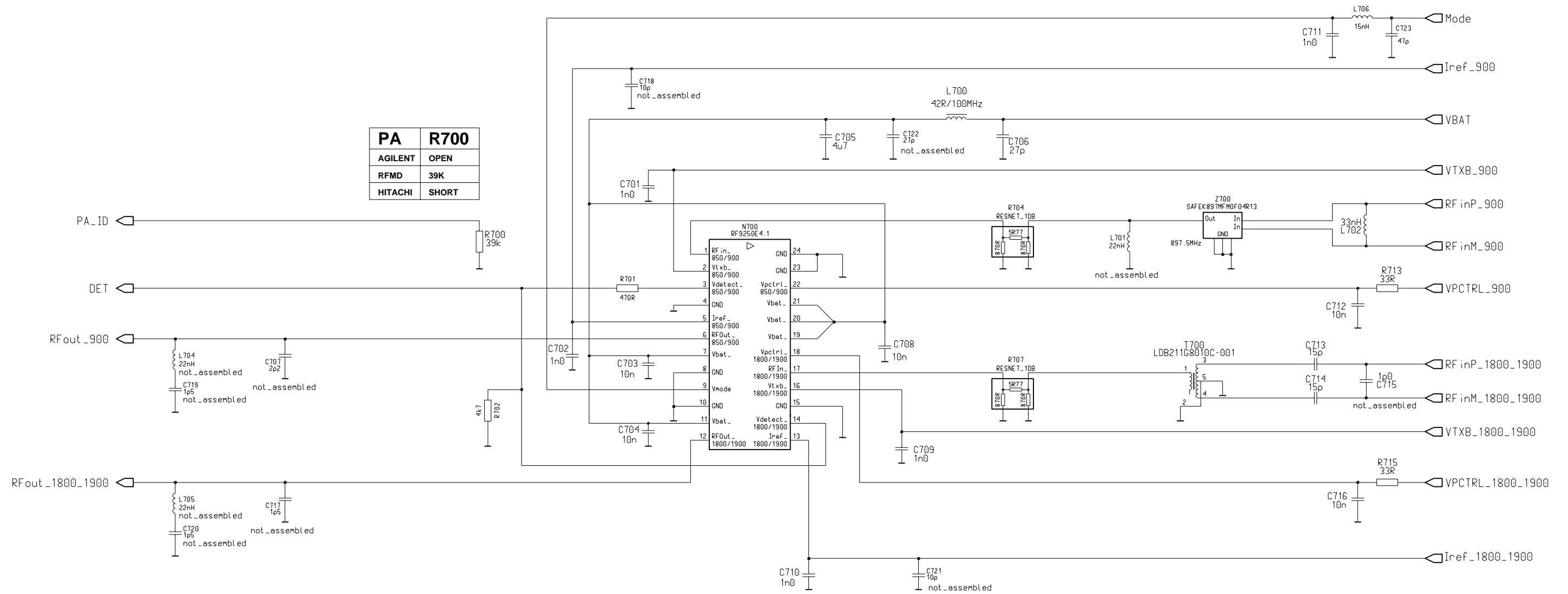
TEA5761UK



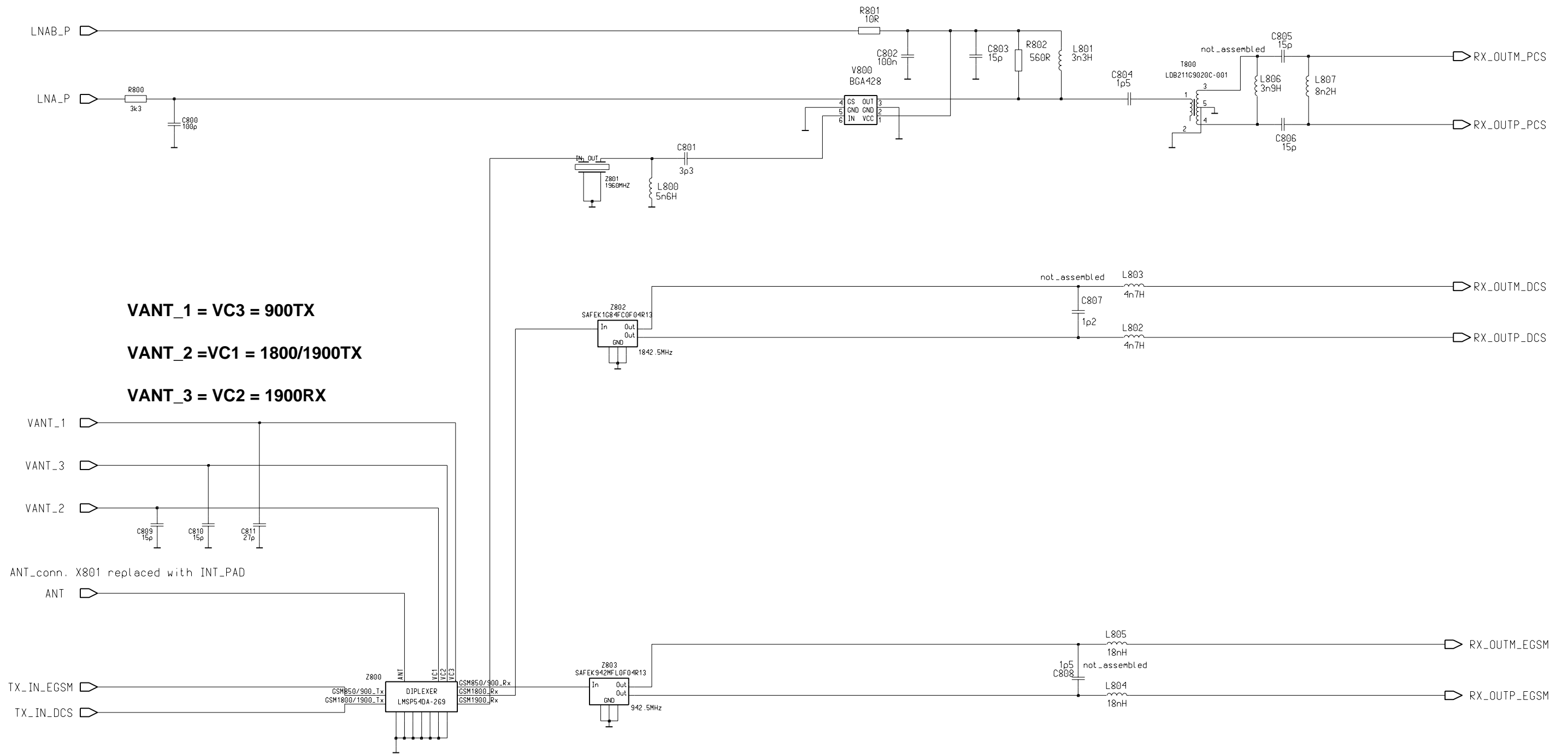
RF top level



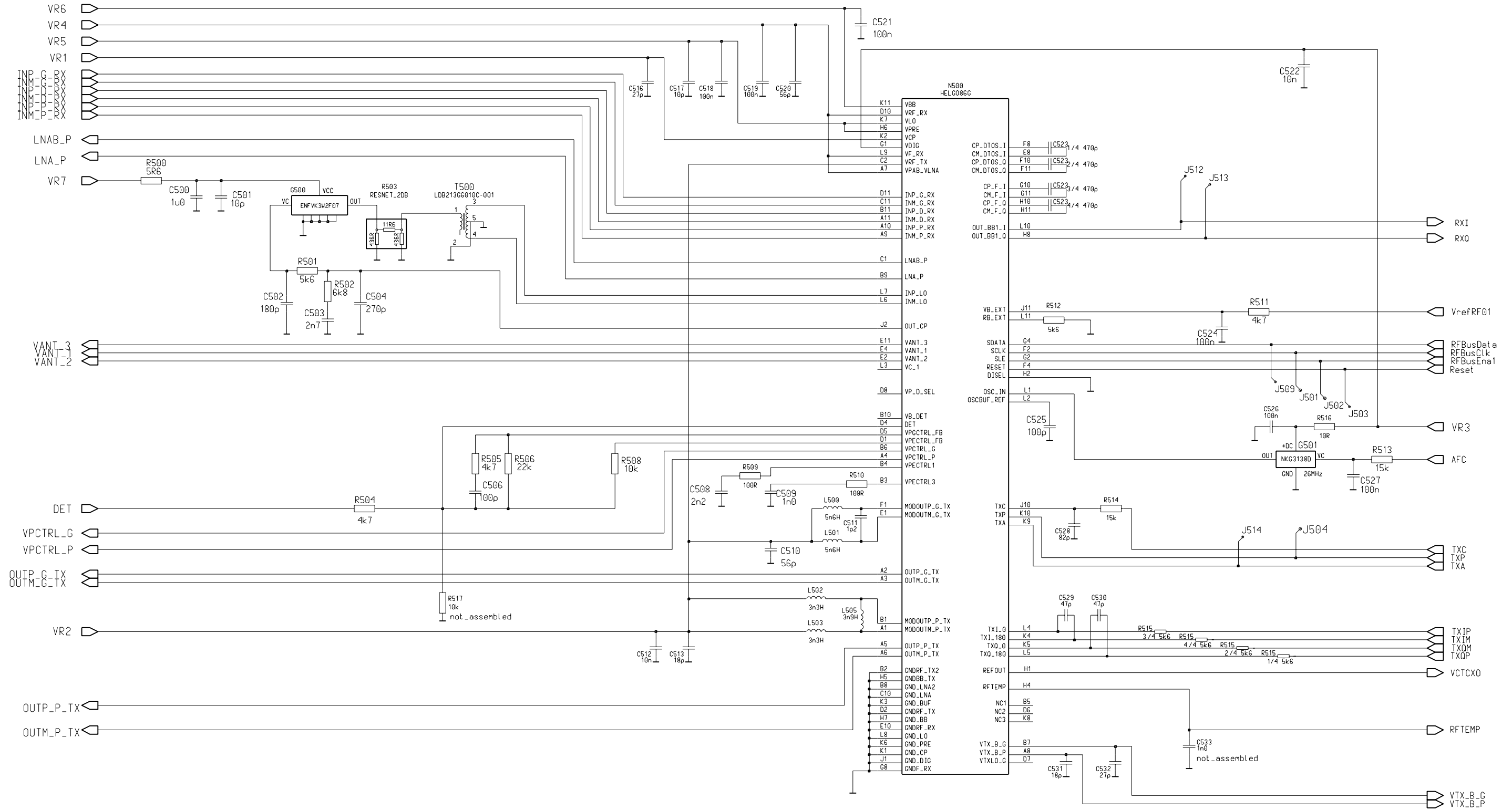
Power amplifier and detection



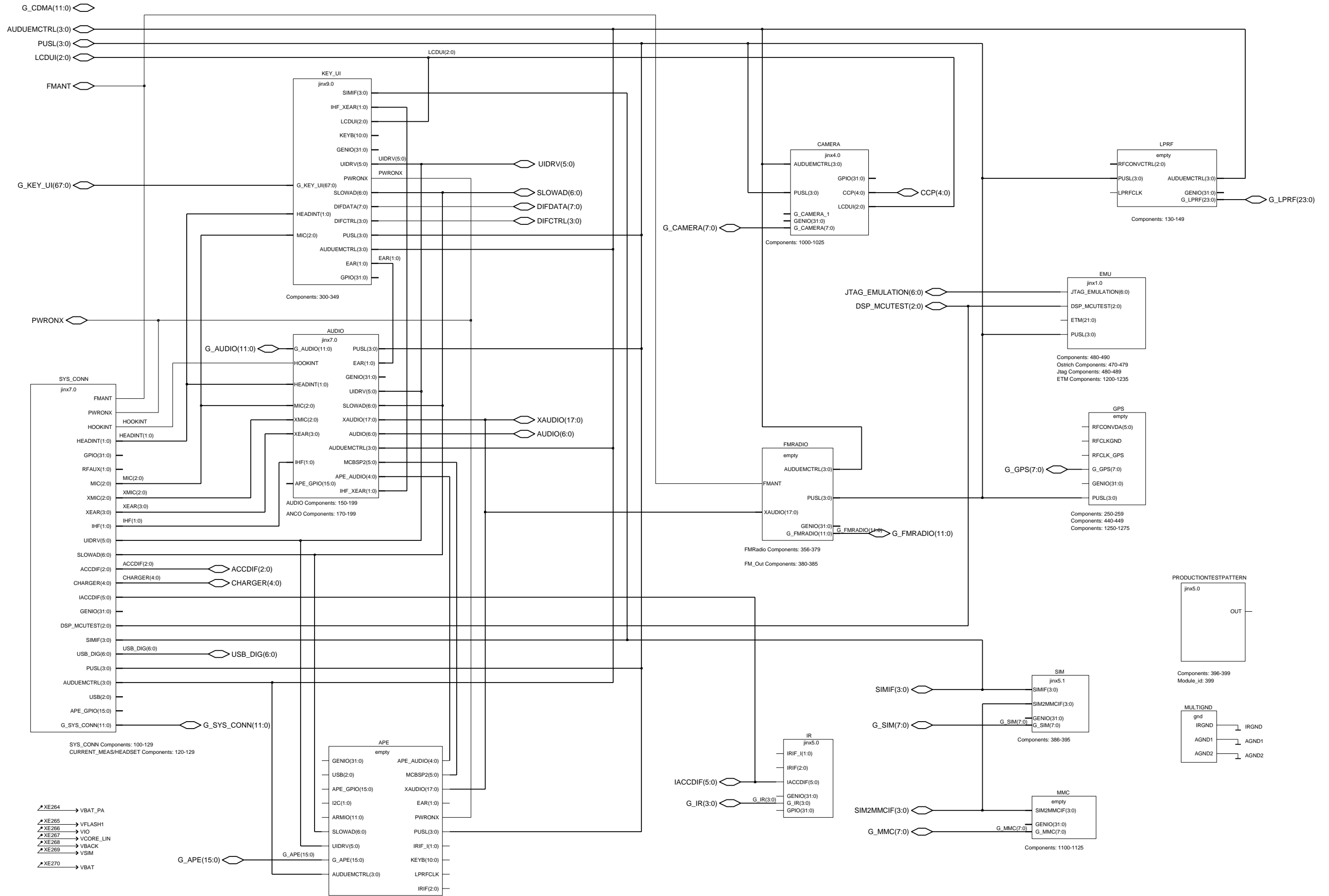
RX front end and antenna switch



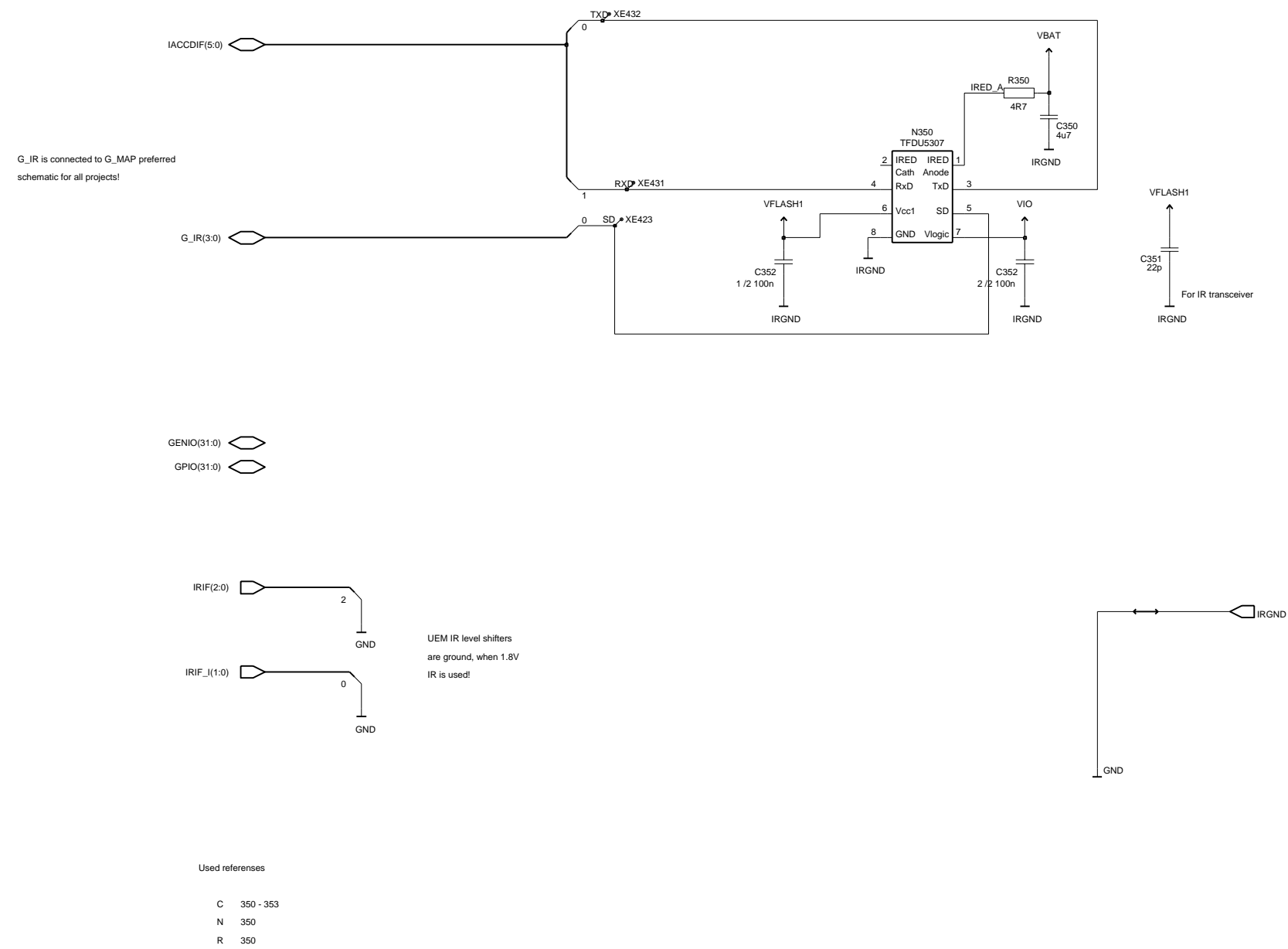
Helgo



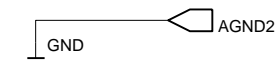
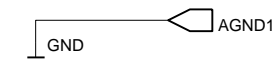
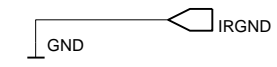
Micro BB top level



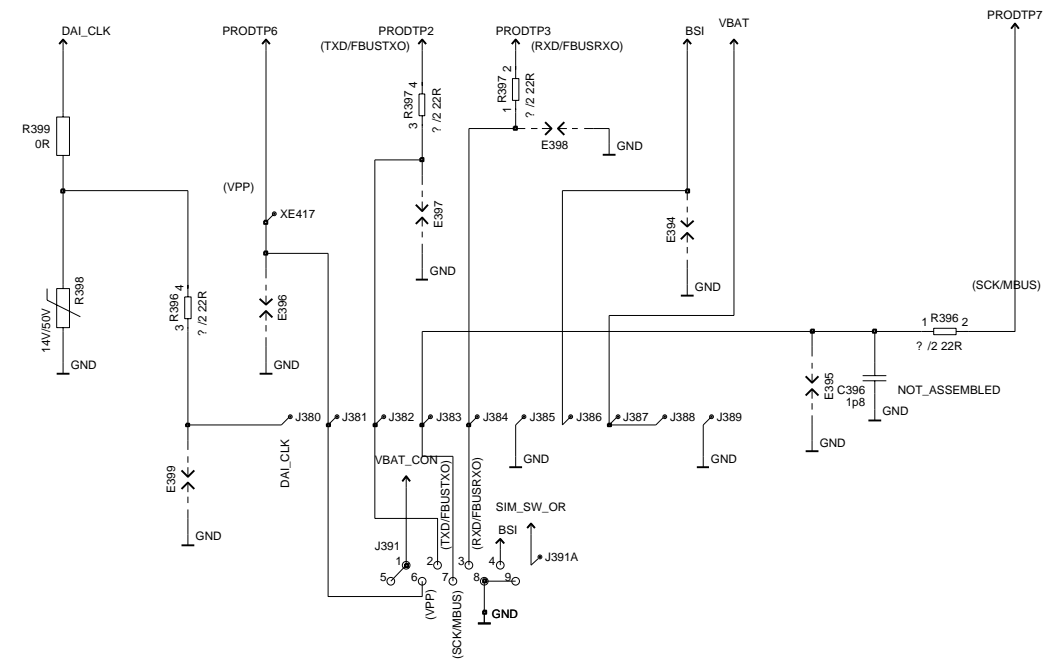
IR module



MultiGND symbol bypass

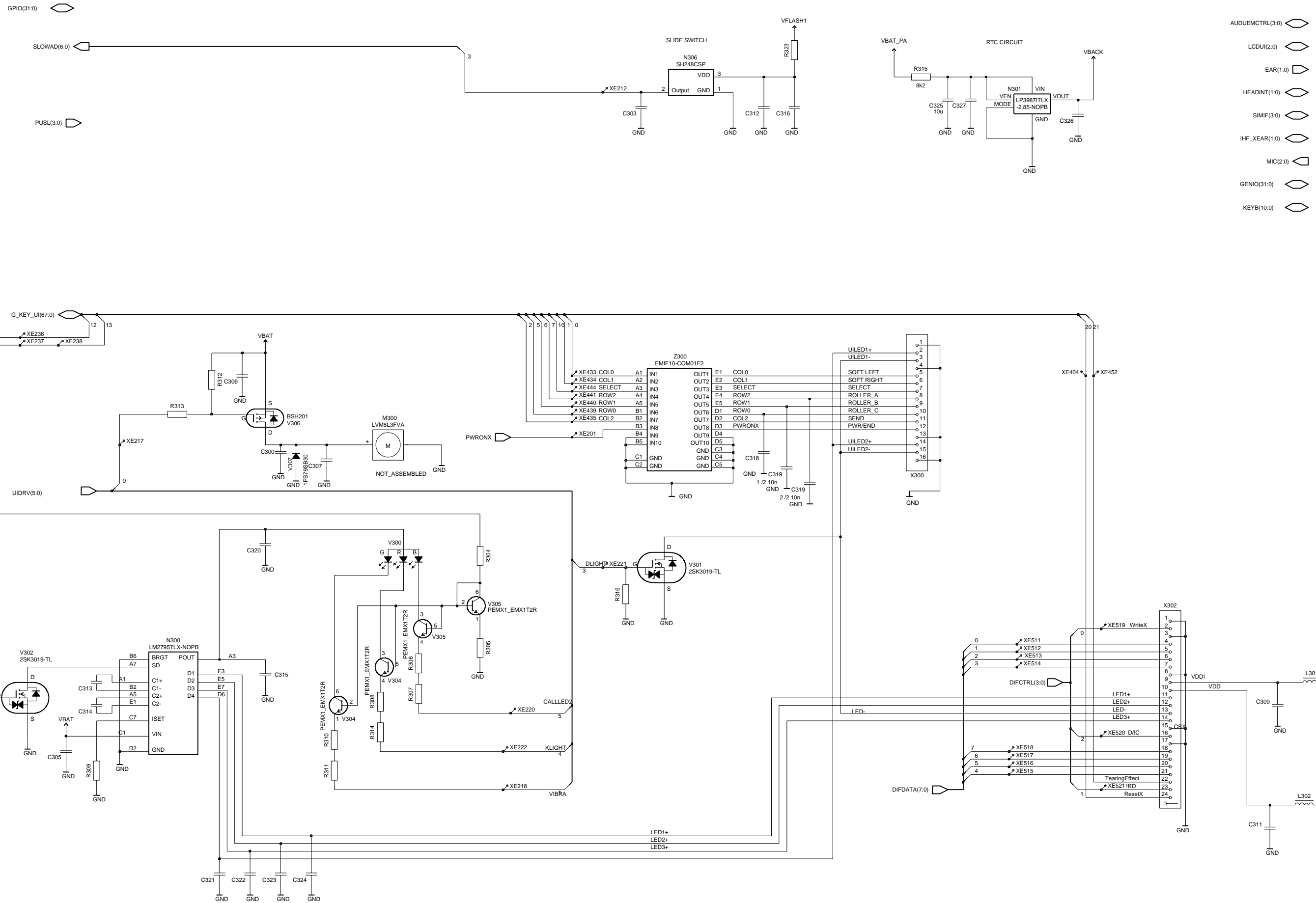


5 pin production test pattern

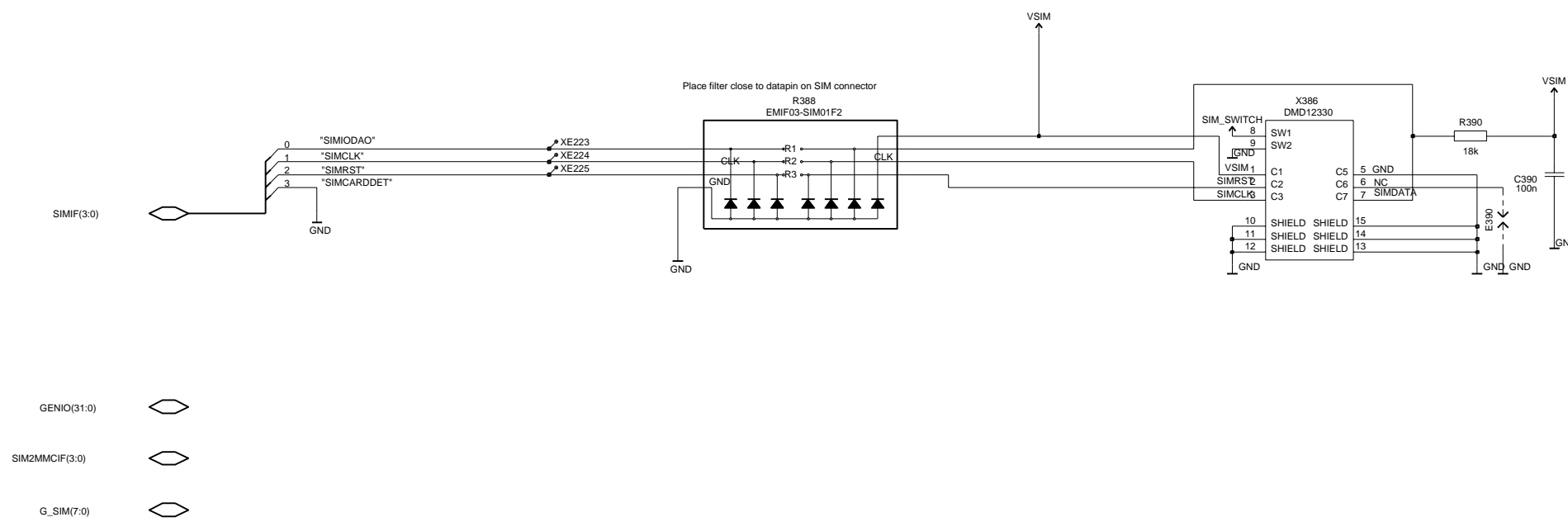


OUT

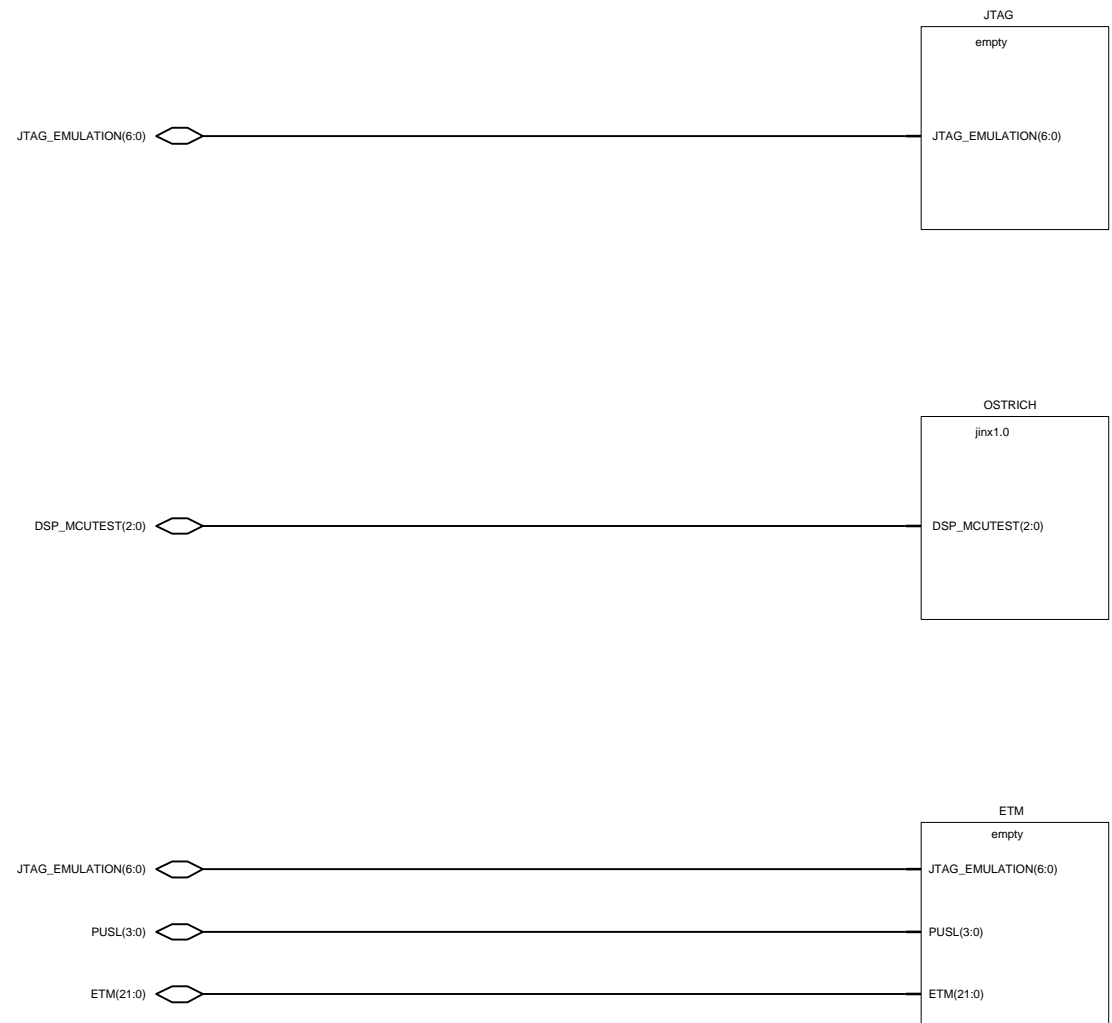
UI



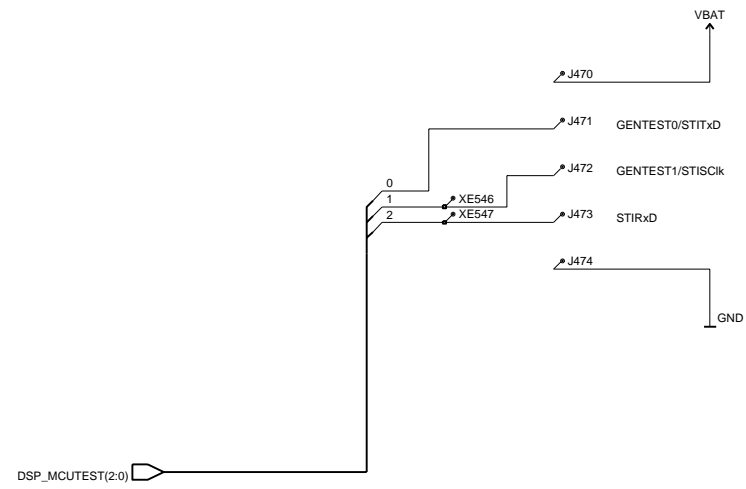
SIM reader



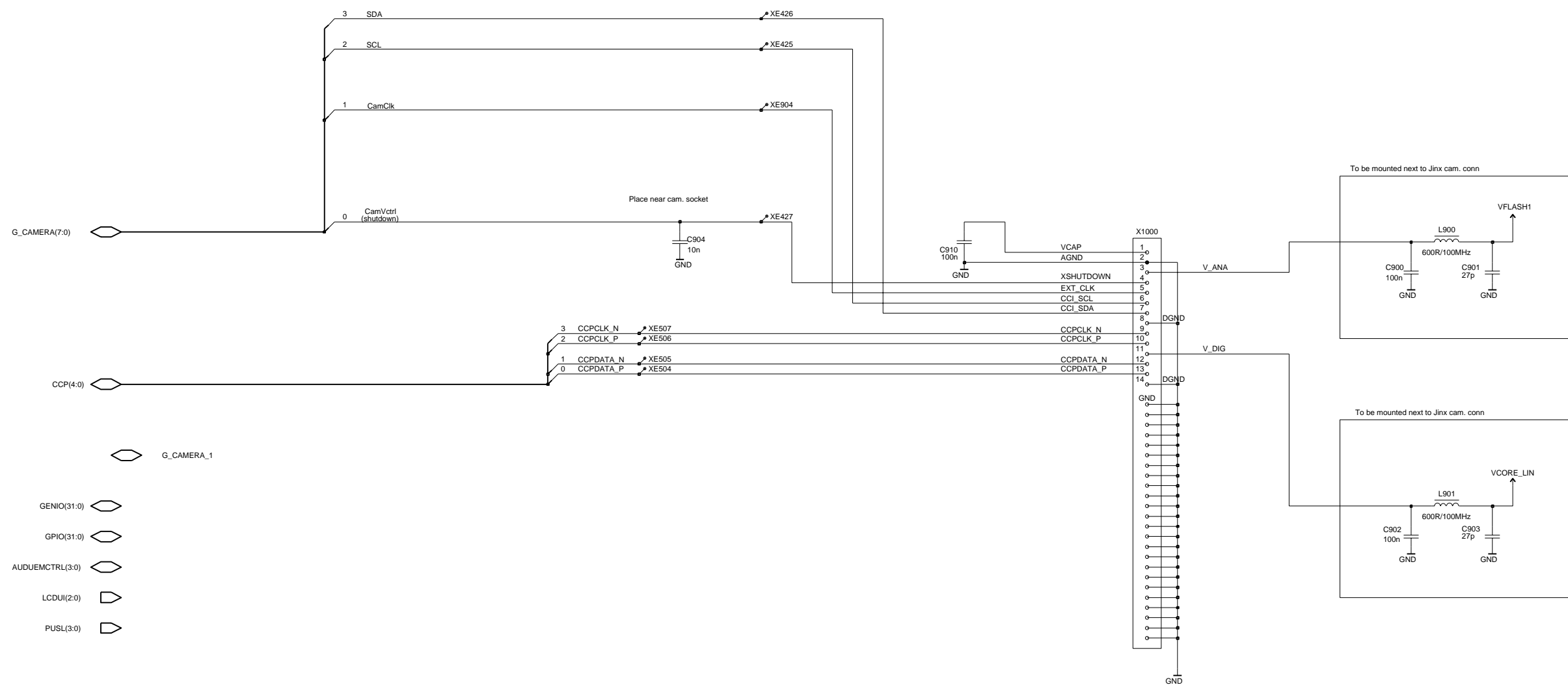
Test and emulator interface



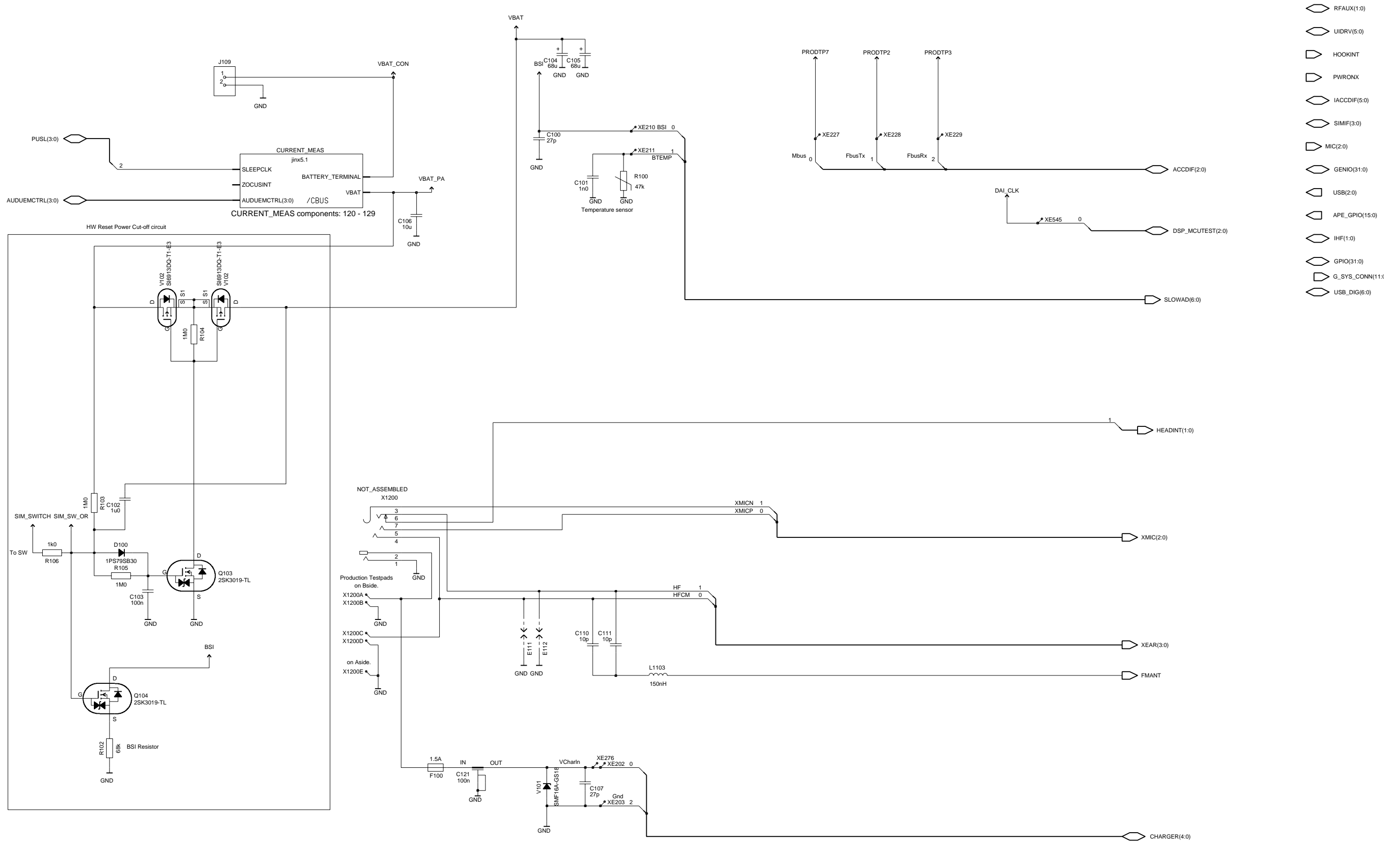
Testpoints based Ostrich interface



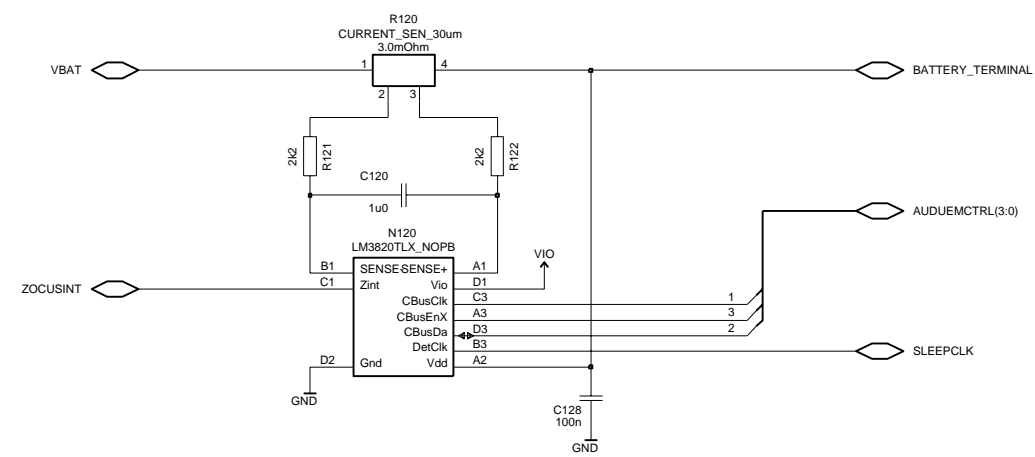
Camera



System connector



Current measure



Layouts, bottom

