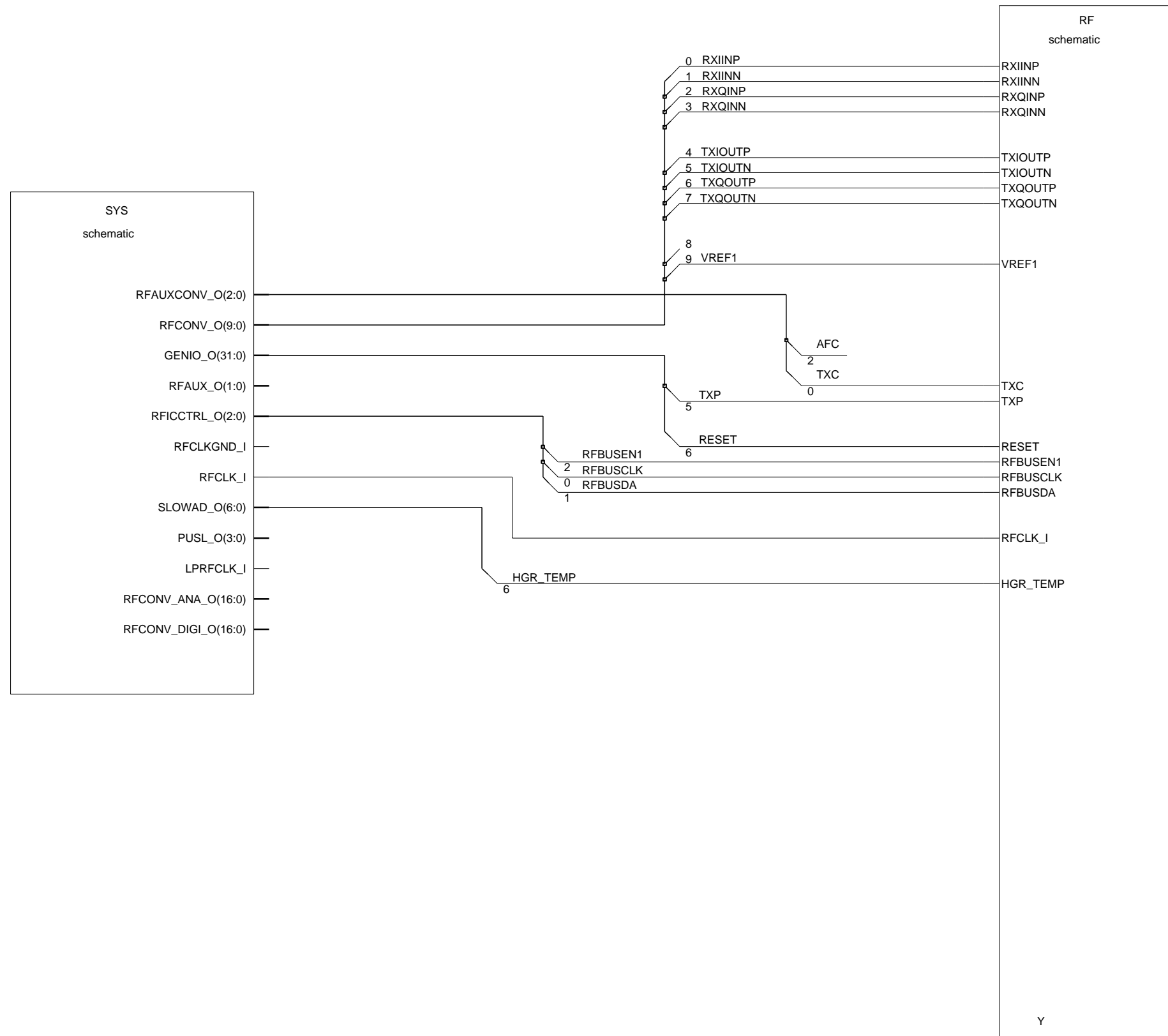


10 - SCHEMATICS

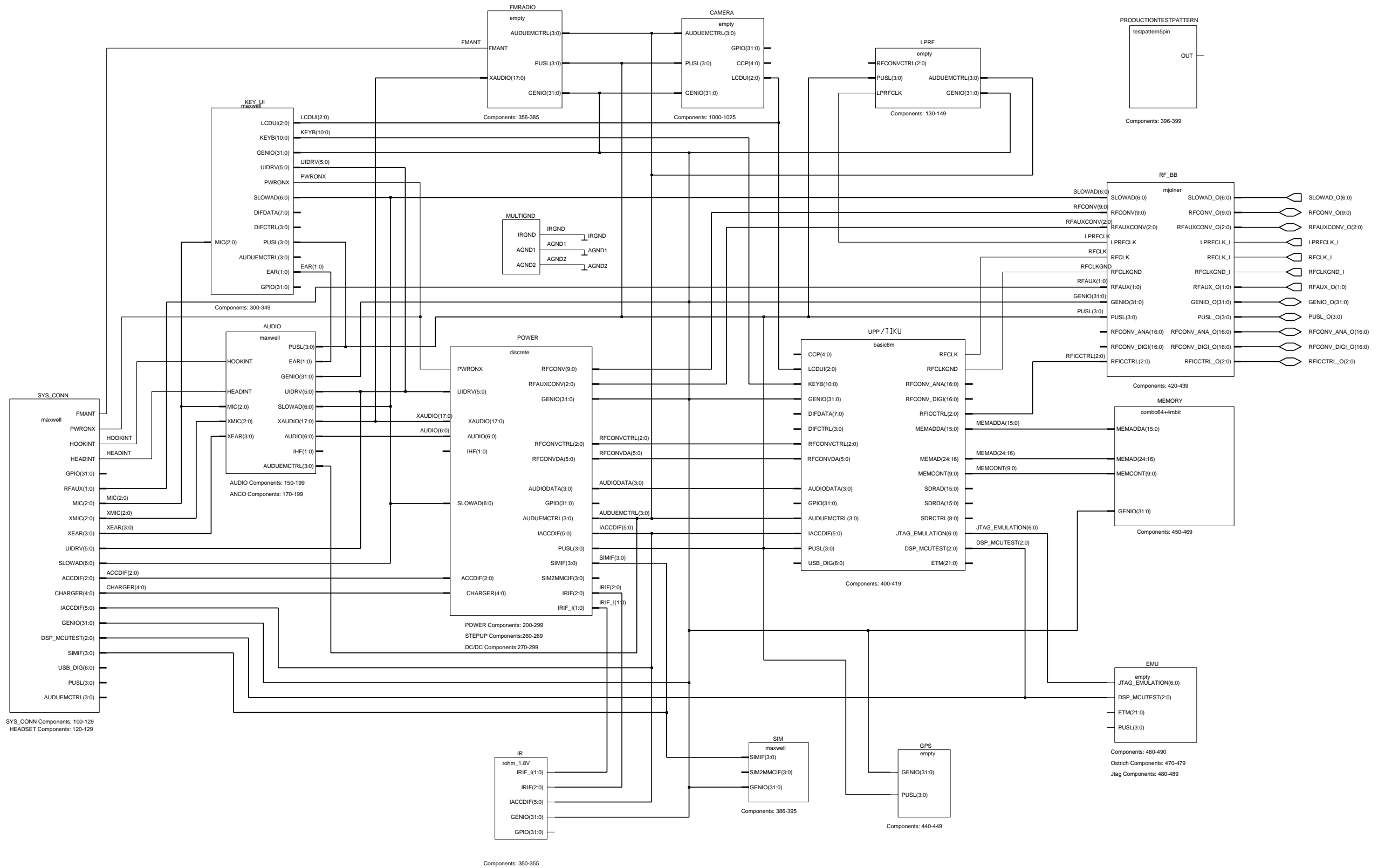
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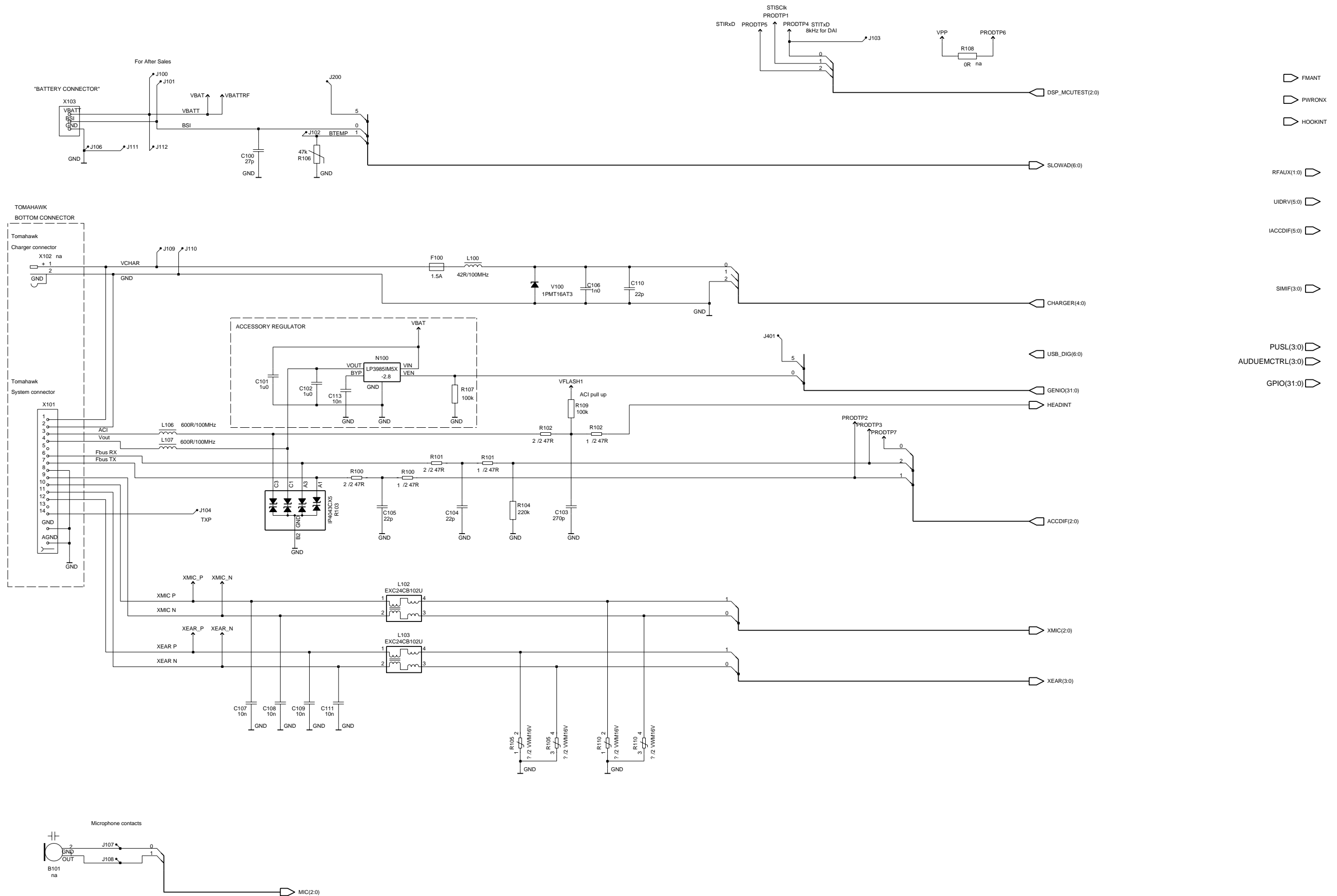
Title Top sheet



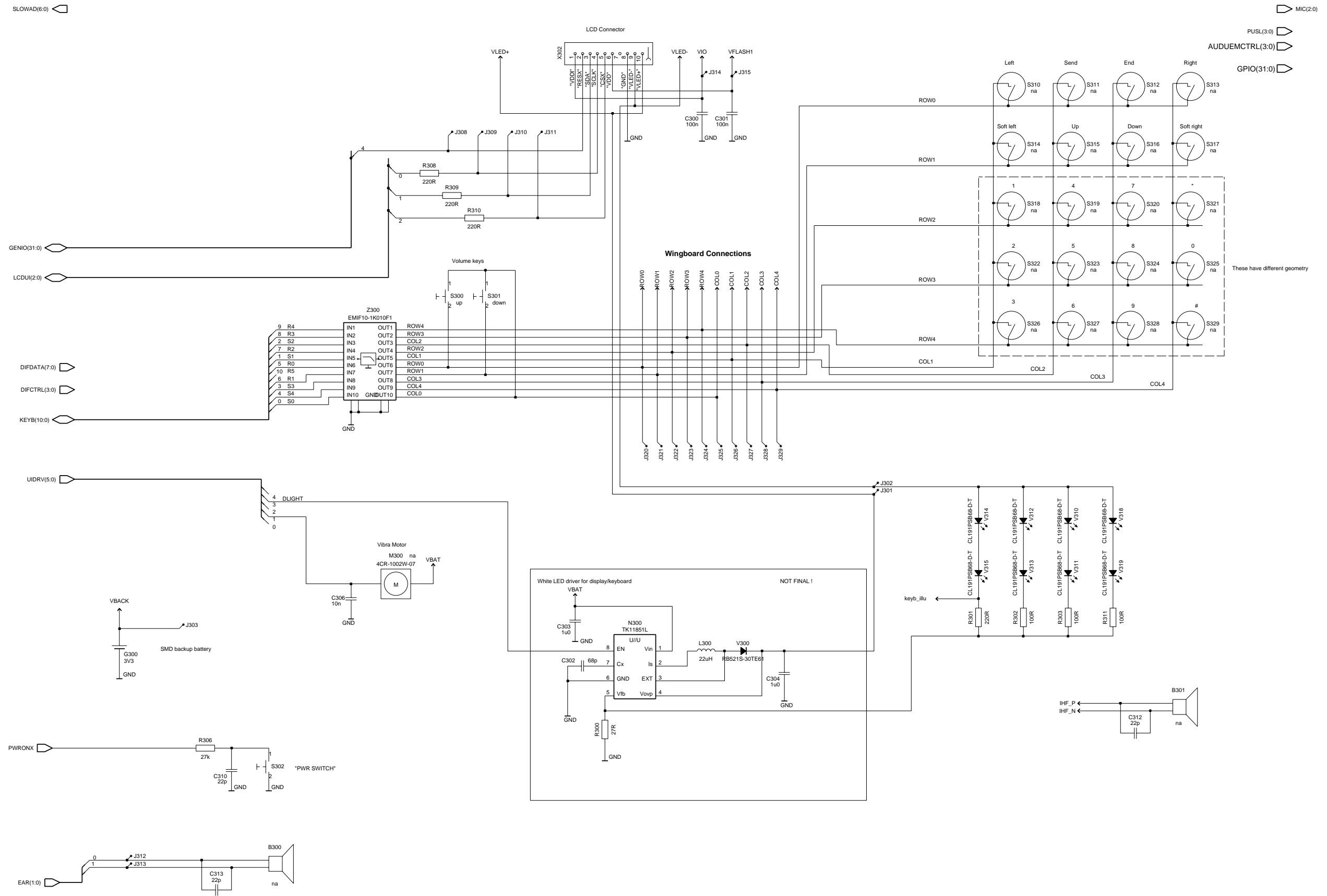
Title DCT4 Common Baseband Schematic (Top Level)



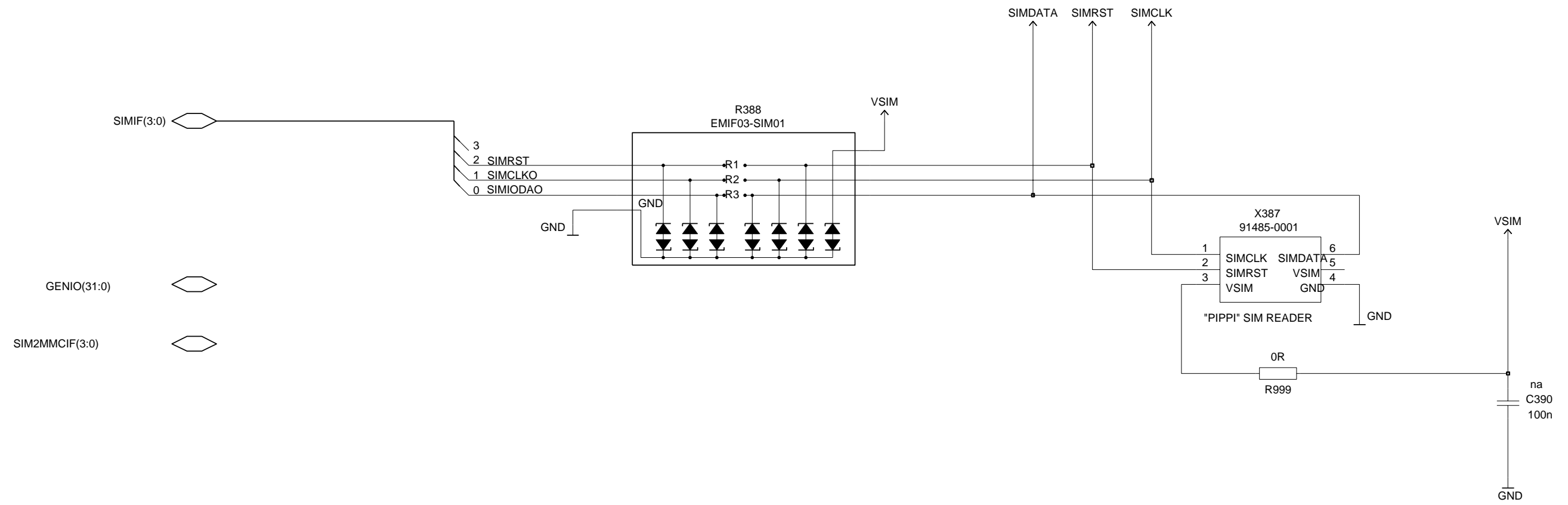
Title NPL-2 System Connector



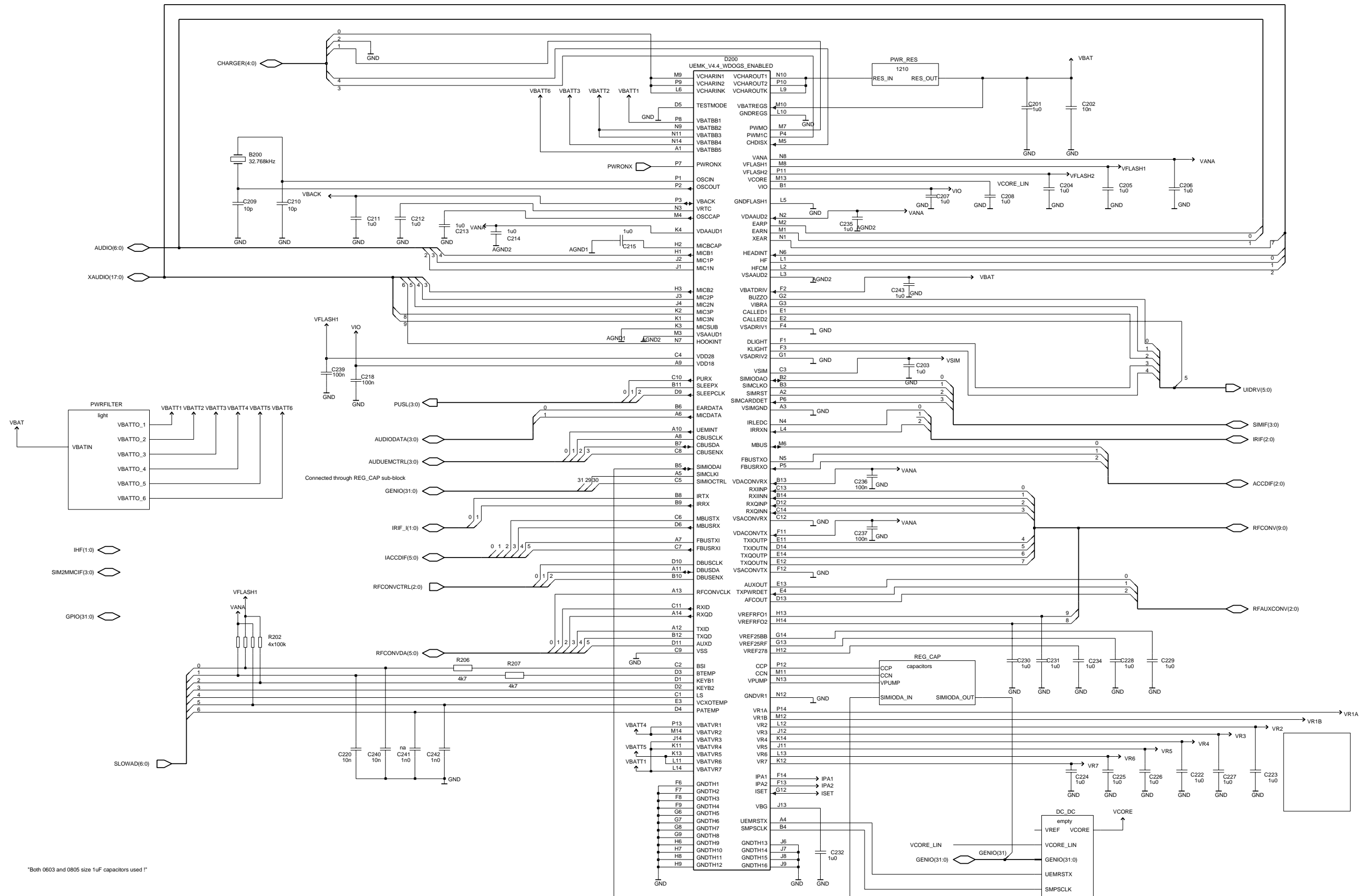
Title NPL-2 User Interface



Title SIM Reader



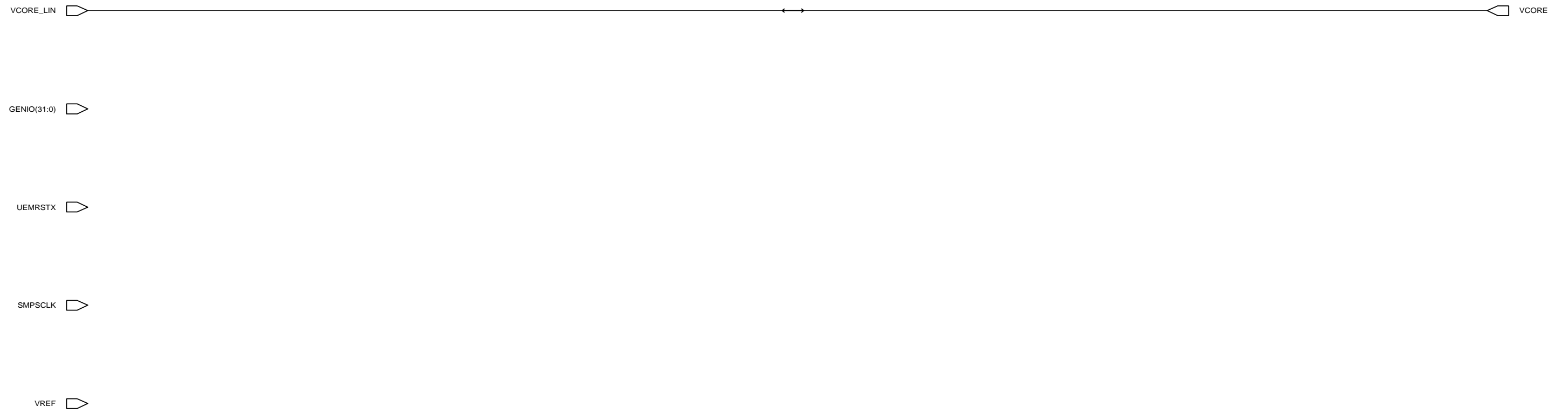
Title Discrete Power Management



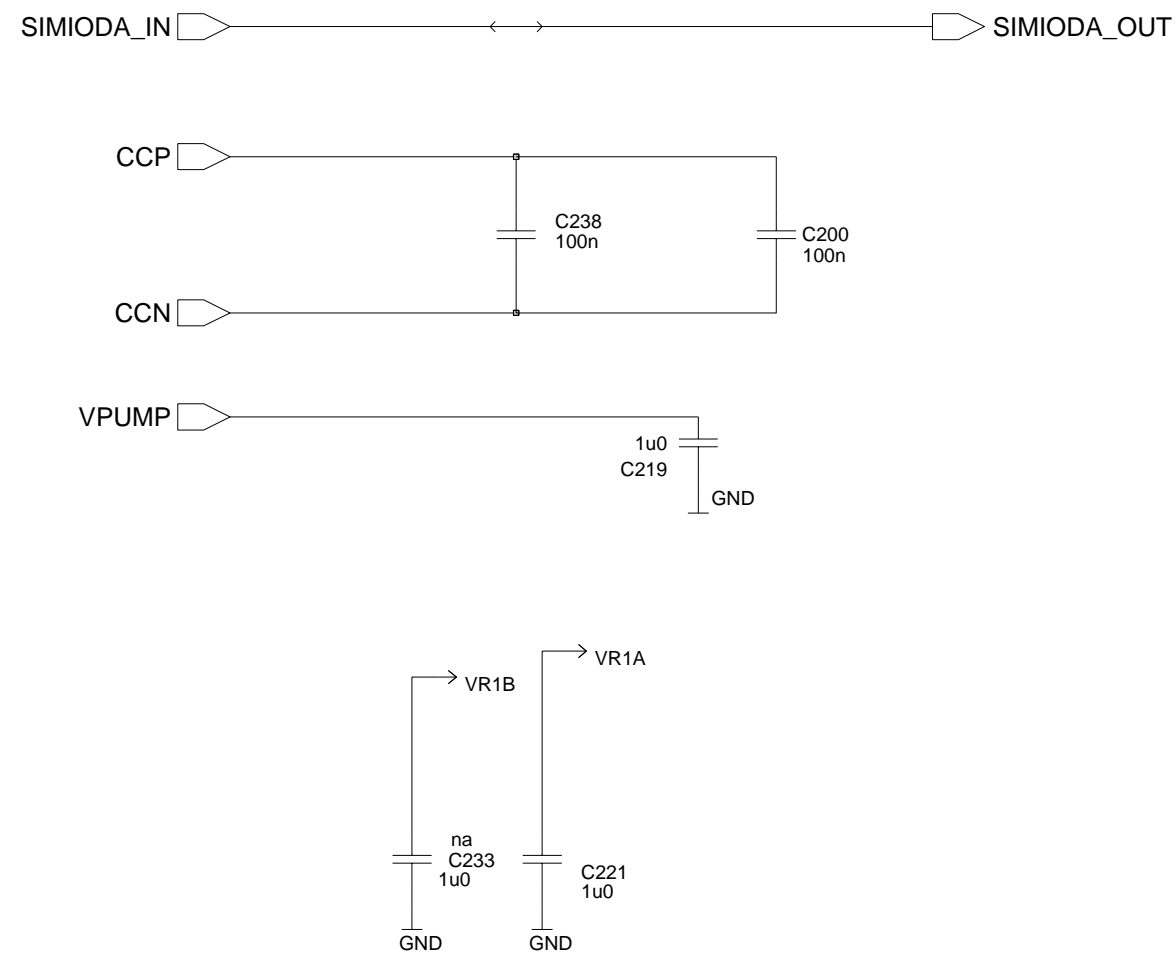
*Both 0603 and 0805 size 1uF capacitors used !

Used refs in REG_CAP: C238, C200, C219, C233, C221 and R205

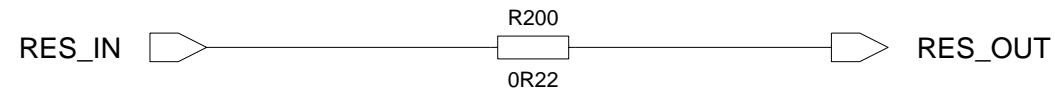
Title DC/DC Converter



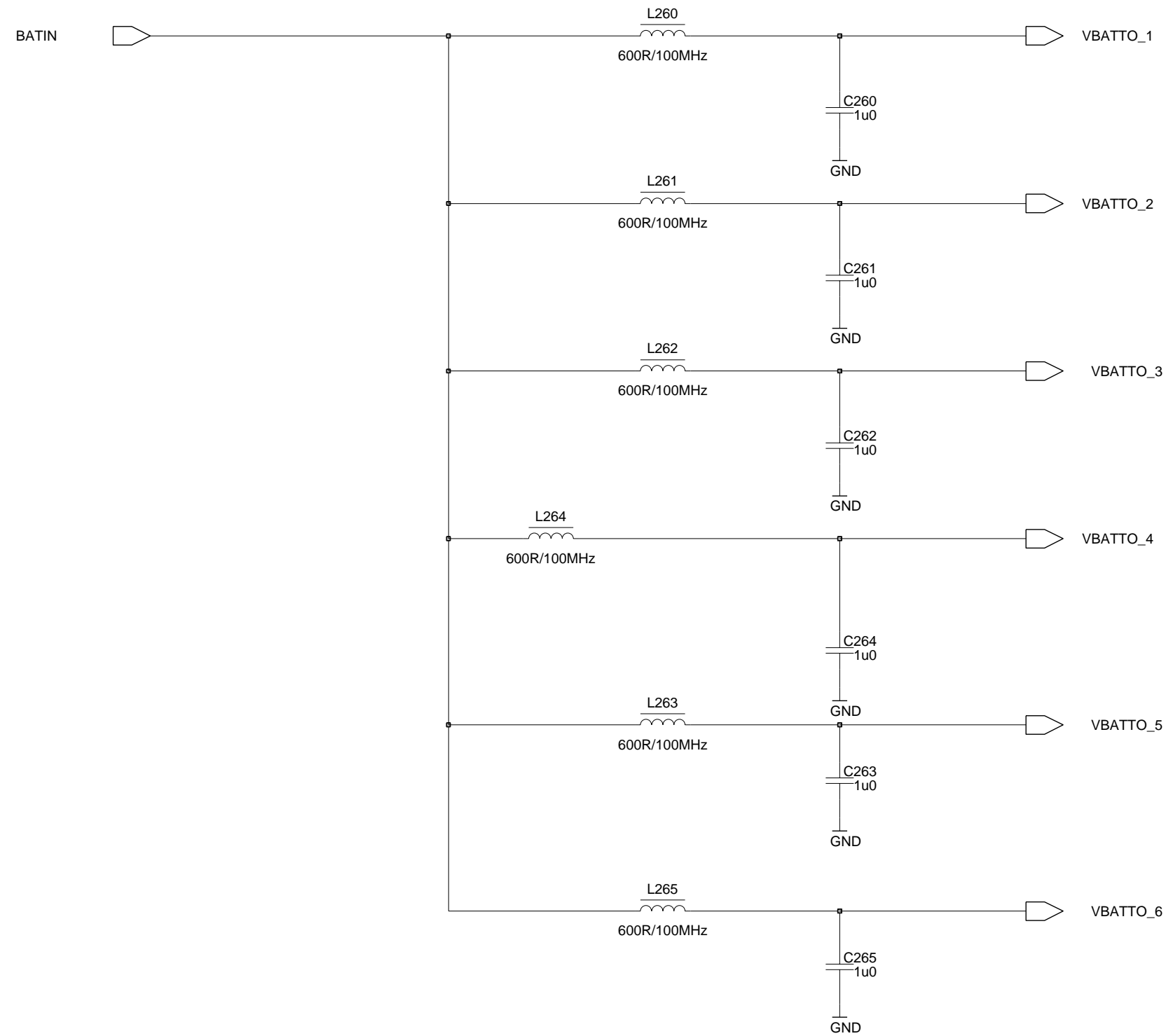
Title For old power discrete users



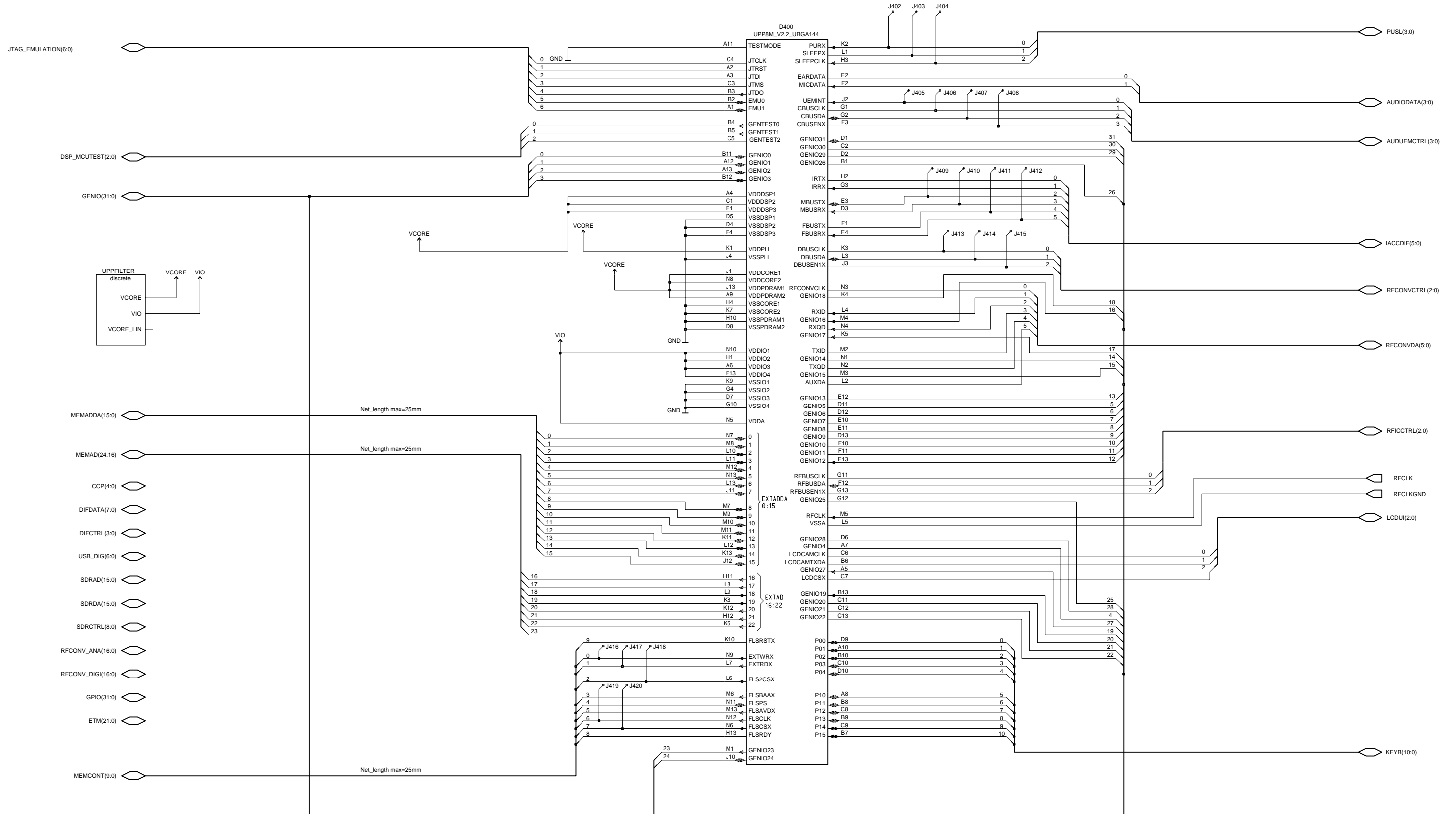
Title PWR resistor 1210



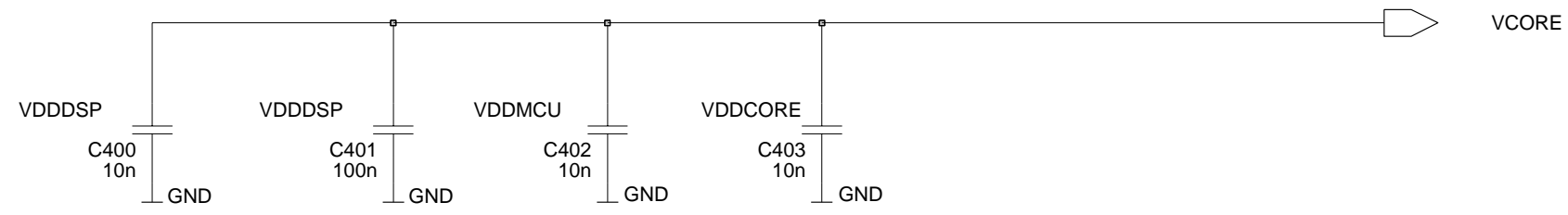
Title Light filtering



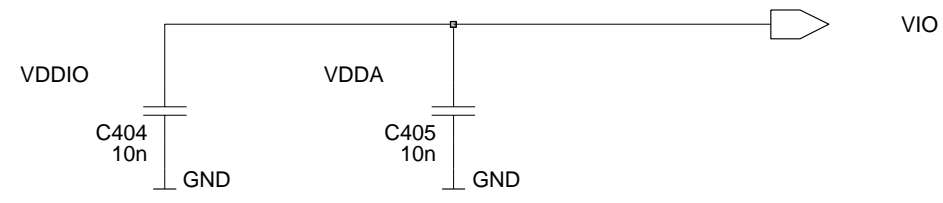
Title UPP 8M Implementation



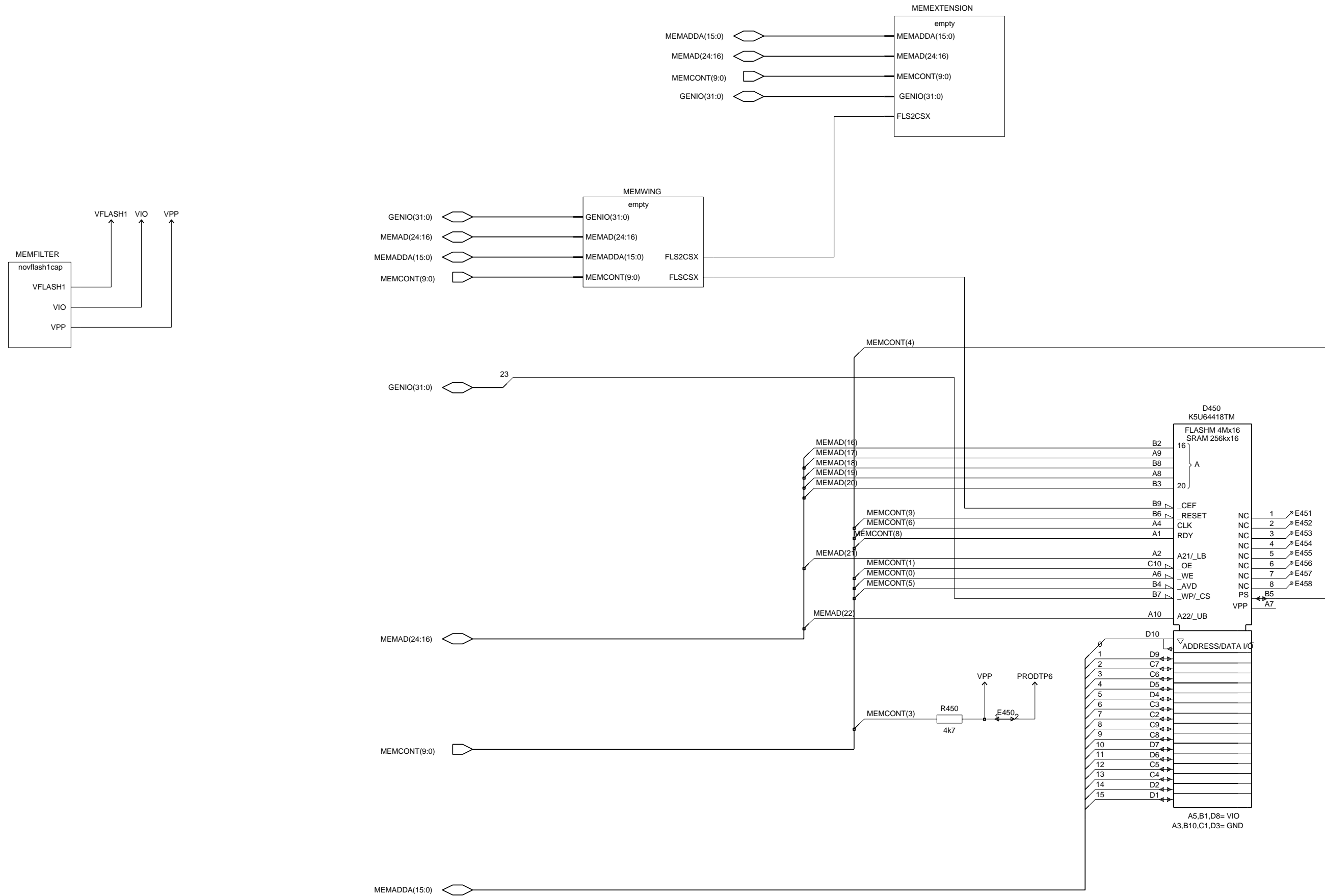
Title Discrete decoupling capacitors for UPP




VCORE_LIN





Title Combo Memory 64 + 4 Mbit



Title Empty wing sheet

MEMADDA(15:0) 

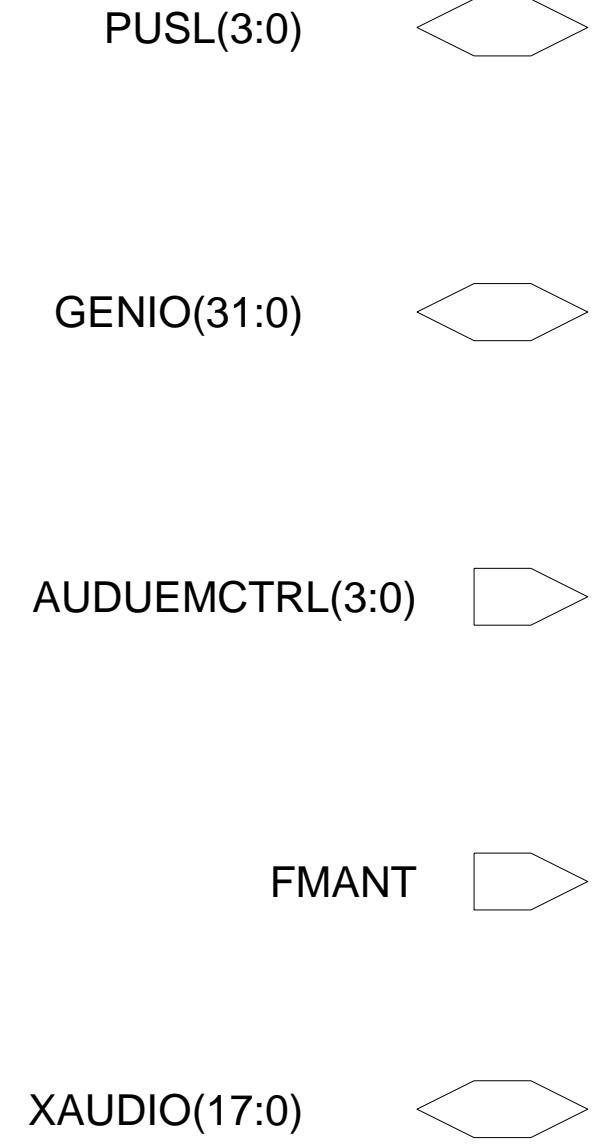
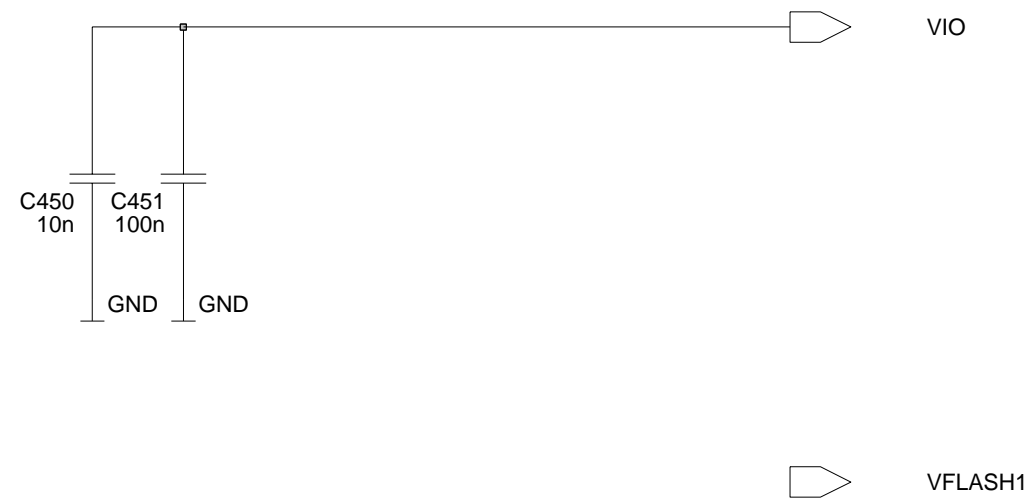
MEMAD(24:16) 

GENIO(31:0) 

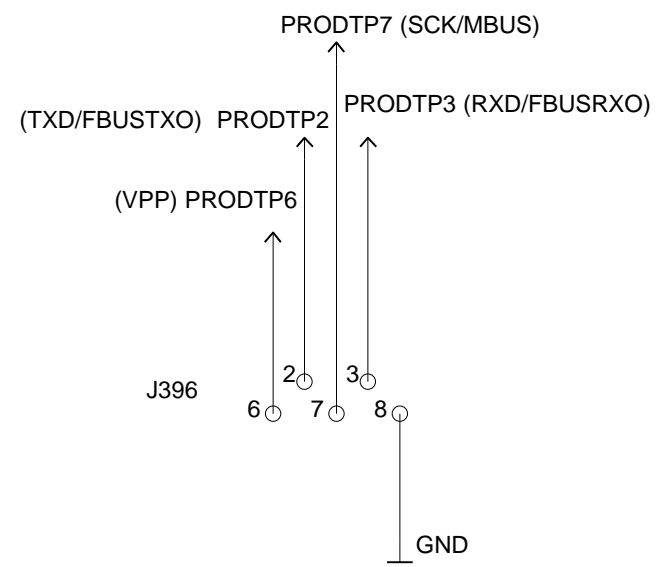
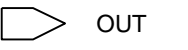


Title Discrete capacitors for memory without VFlash1

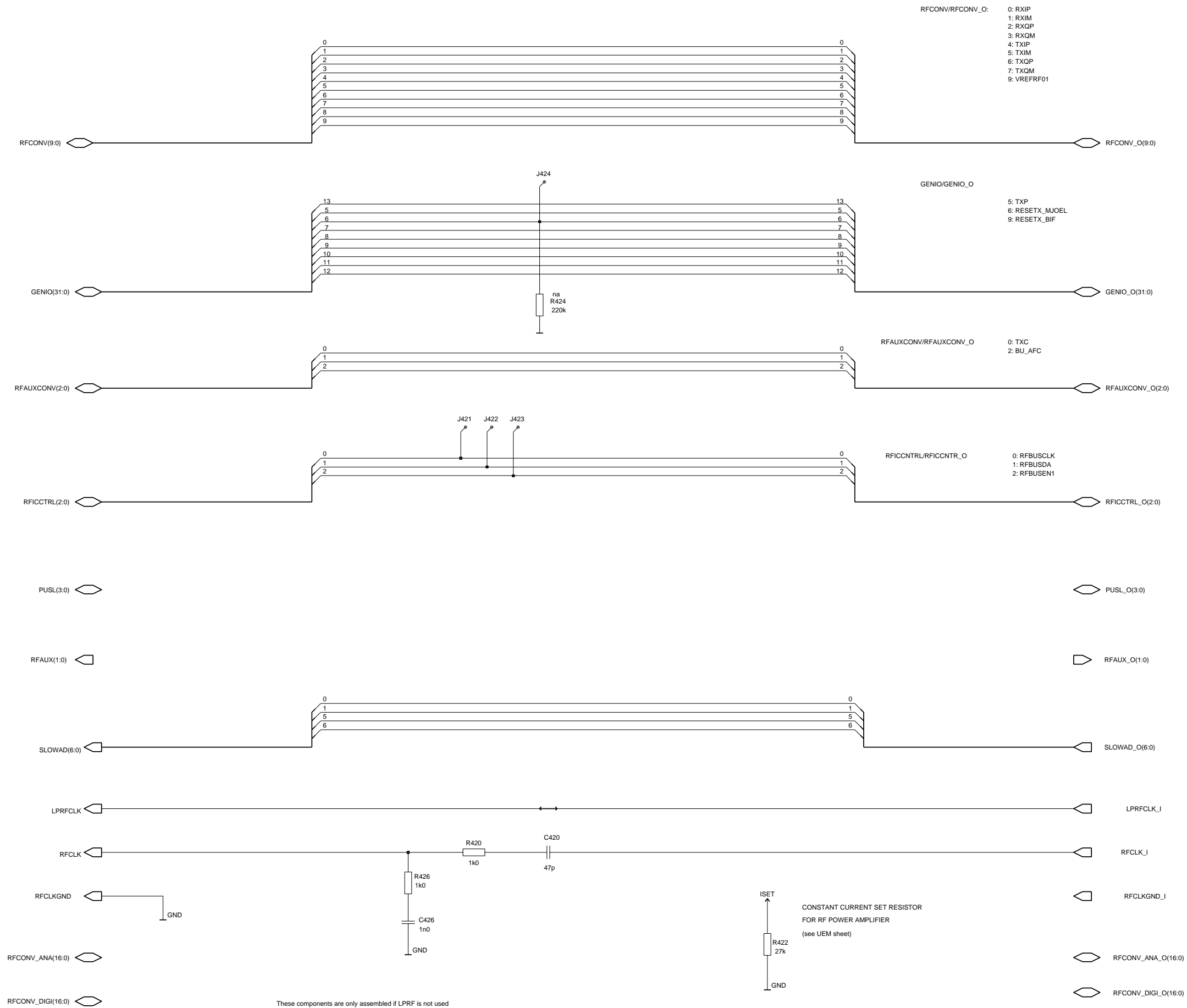
Title FM radio unit is not included in this product



Title 5 pin Production Test Pattern

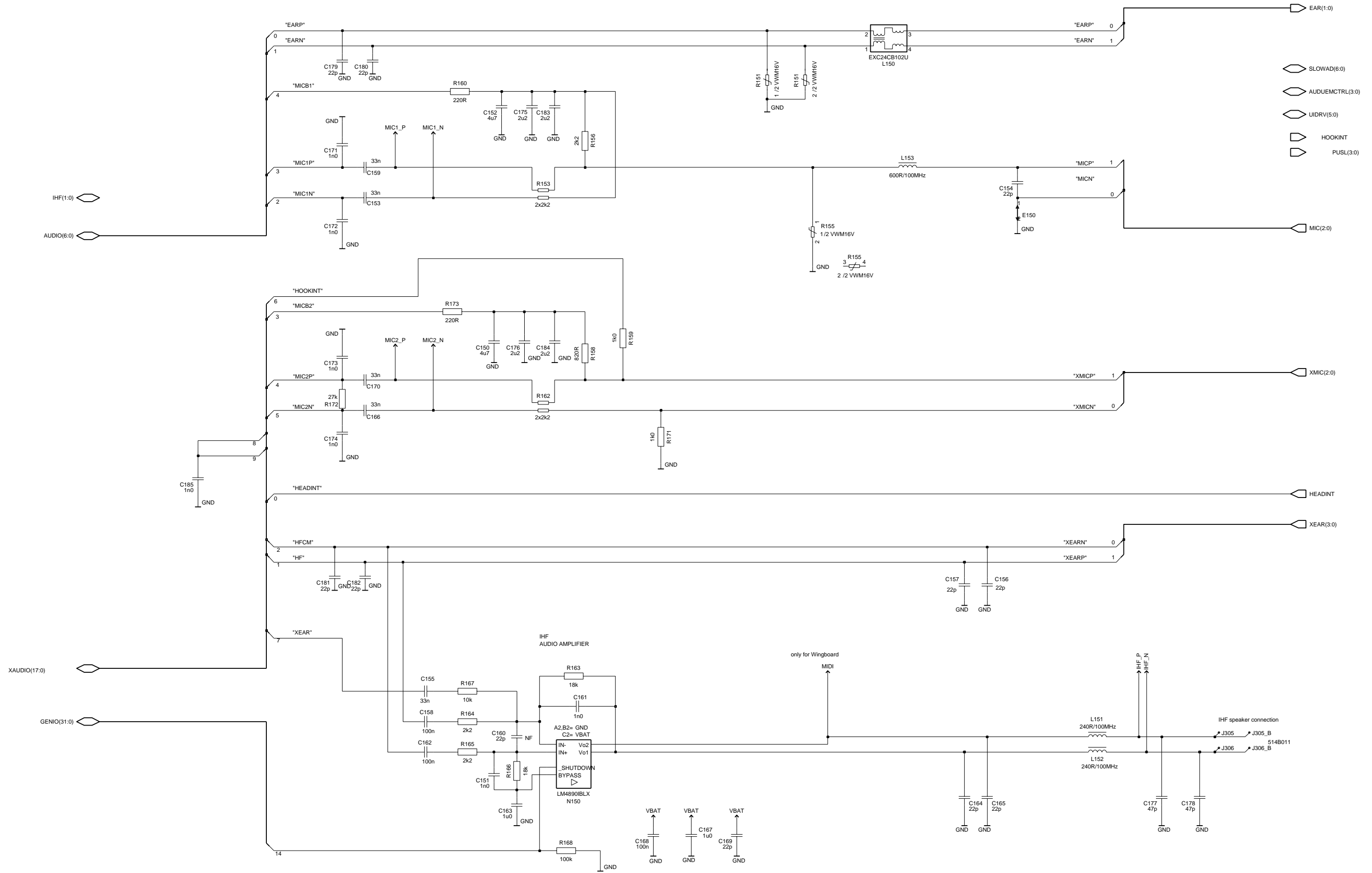


Title GSM RF - Baseband Interface



Title NPL-2 Audio

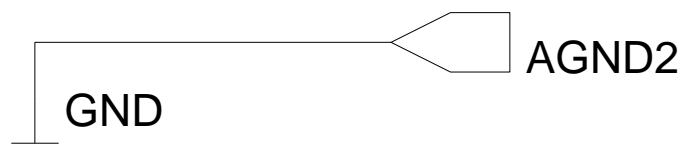
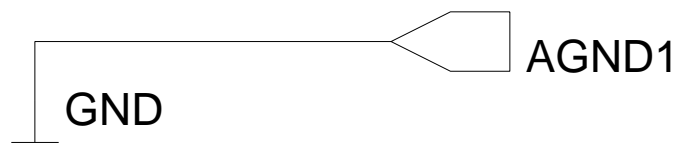
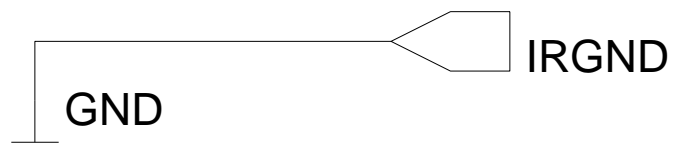
Varistor arrays have reliability issues



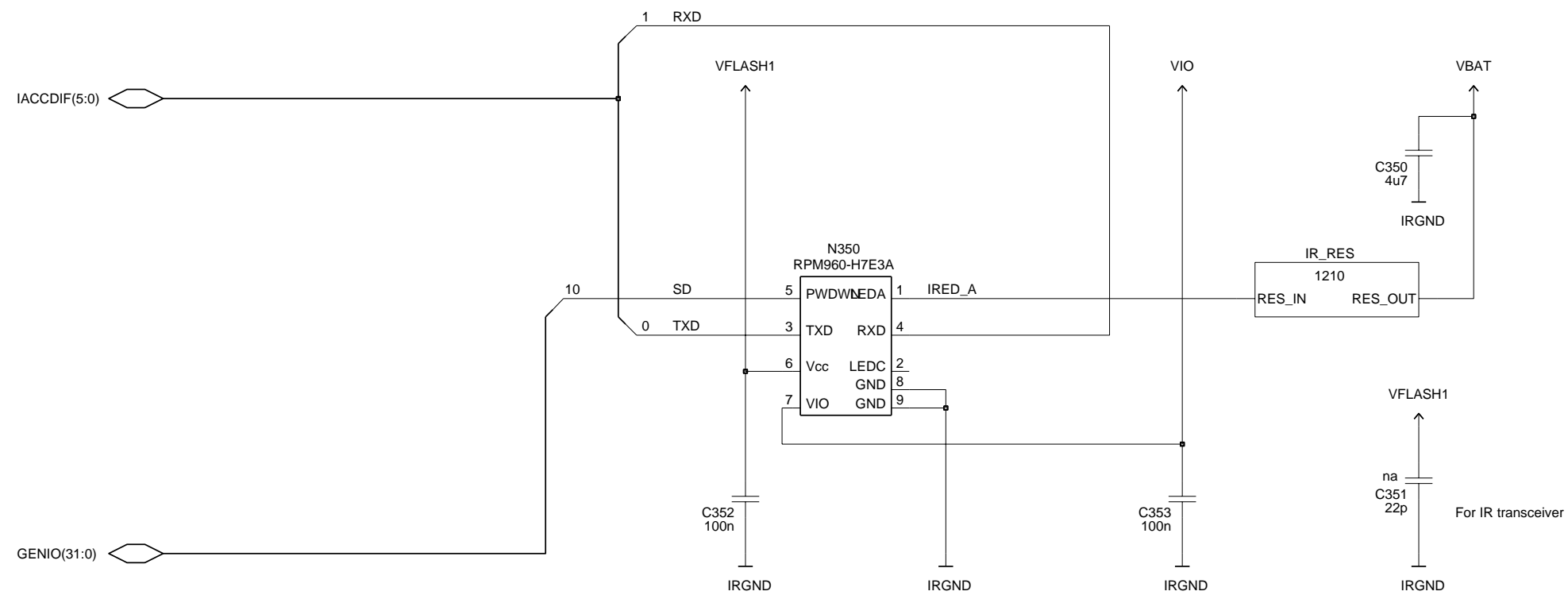
na = not assembled

Title MultiGND symbol bypass

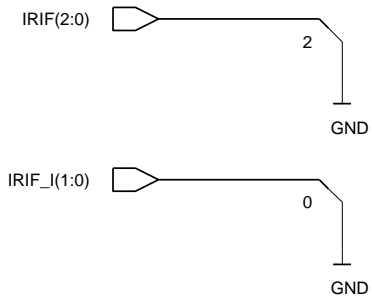
Title GPS Empty sheet



Title Rohm IR Module 1.8V



GPIO(31:0)

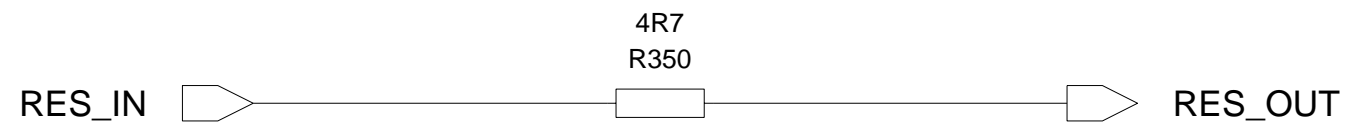


UEM IR level shifters are ground, when 1.8V IR is used!

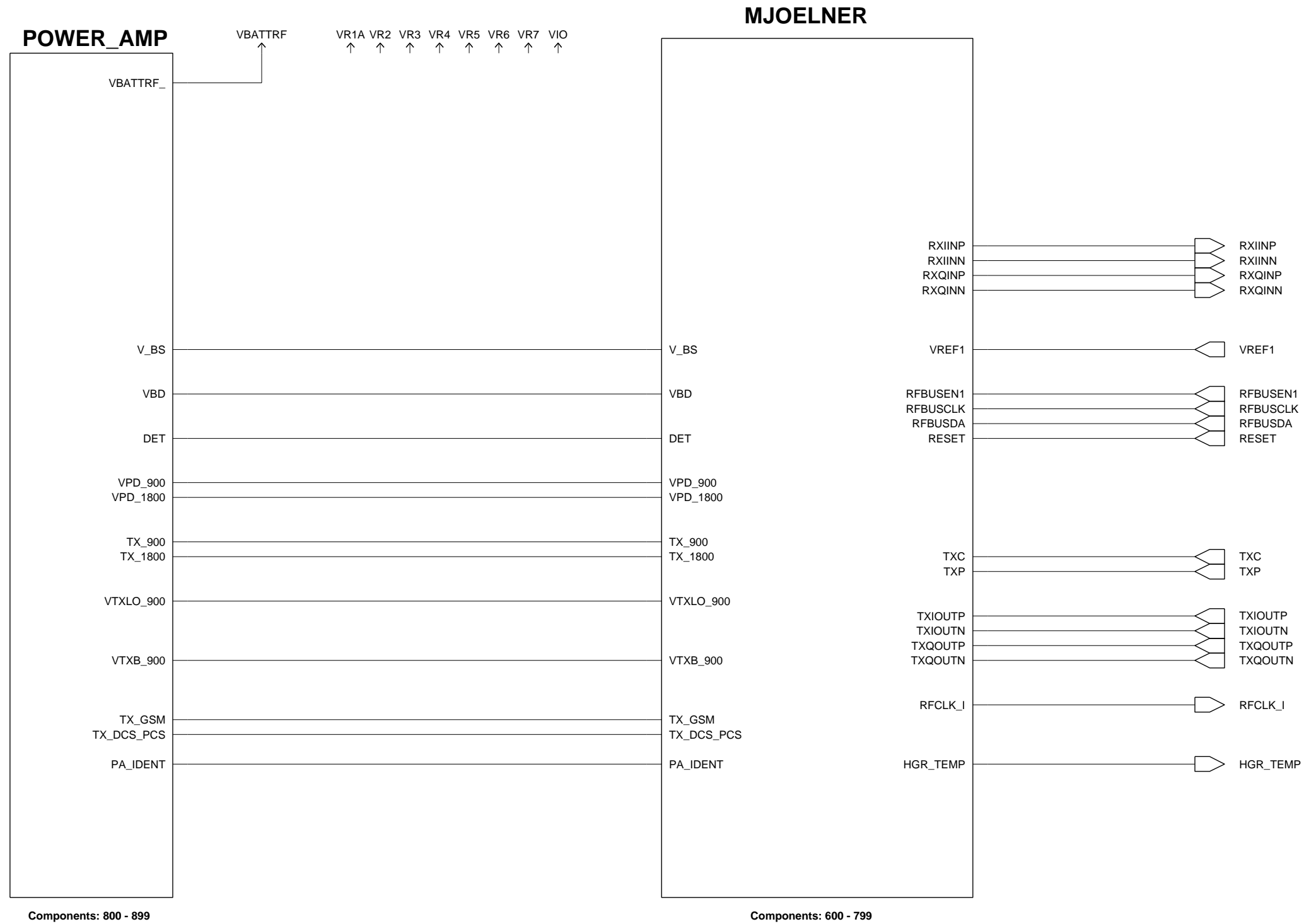
Used referenses

- C 350 - 353
- N 350
- R 350

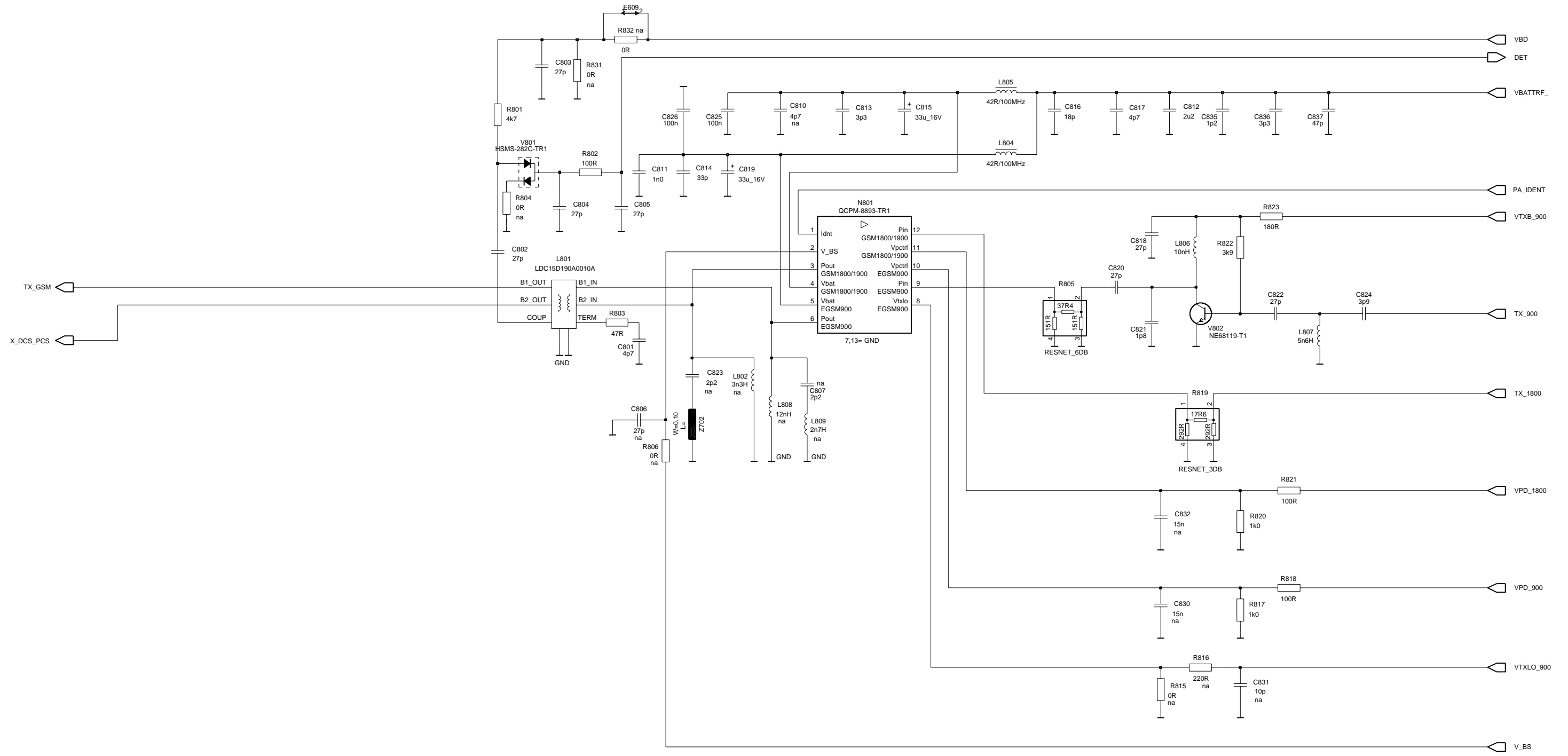
Title IR resistor 1210



Title RF Top sheet

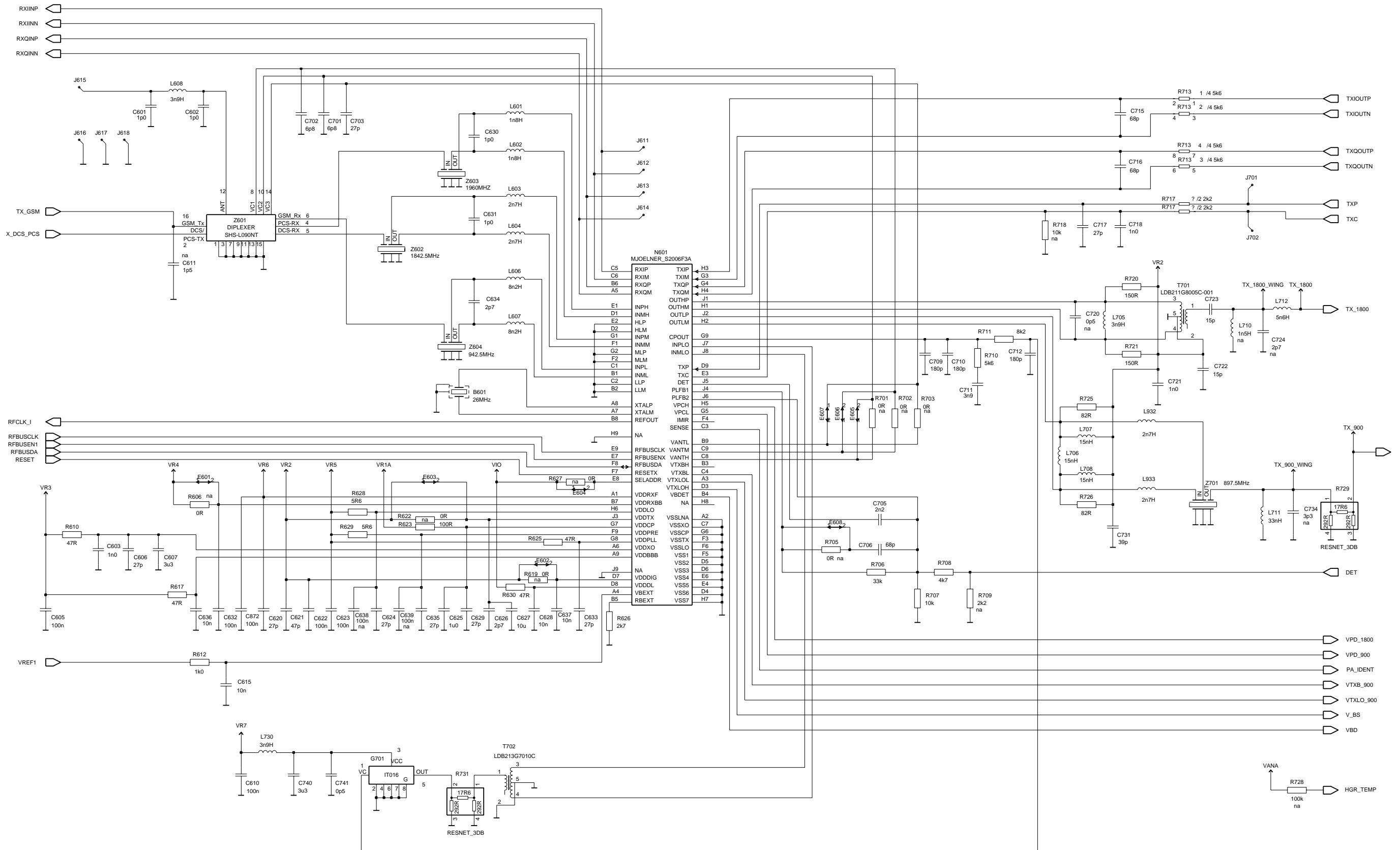


Title Power Amplifier



na = not assembled

Title Mjoelner



na = not assembled