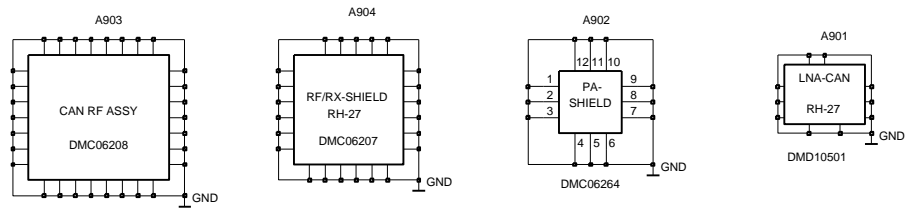
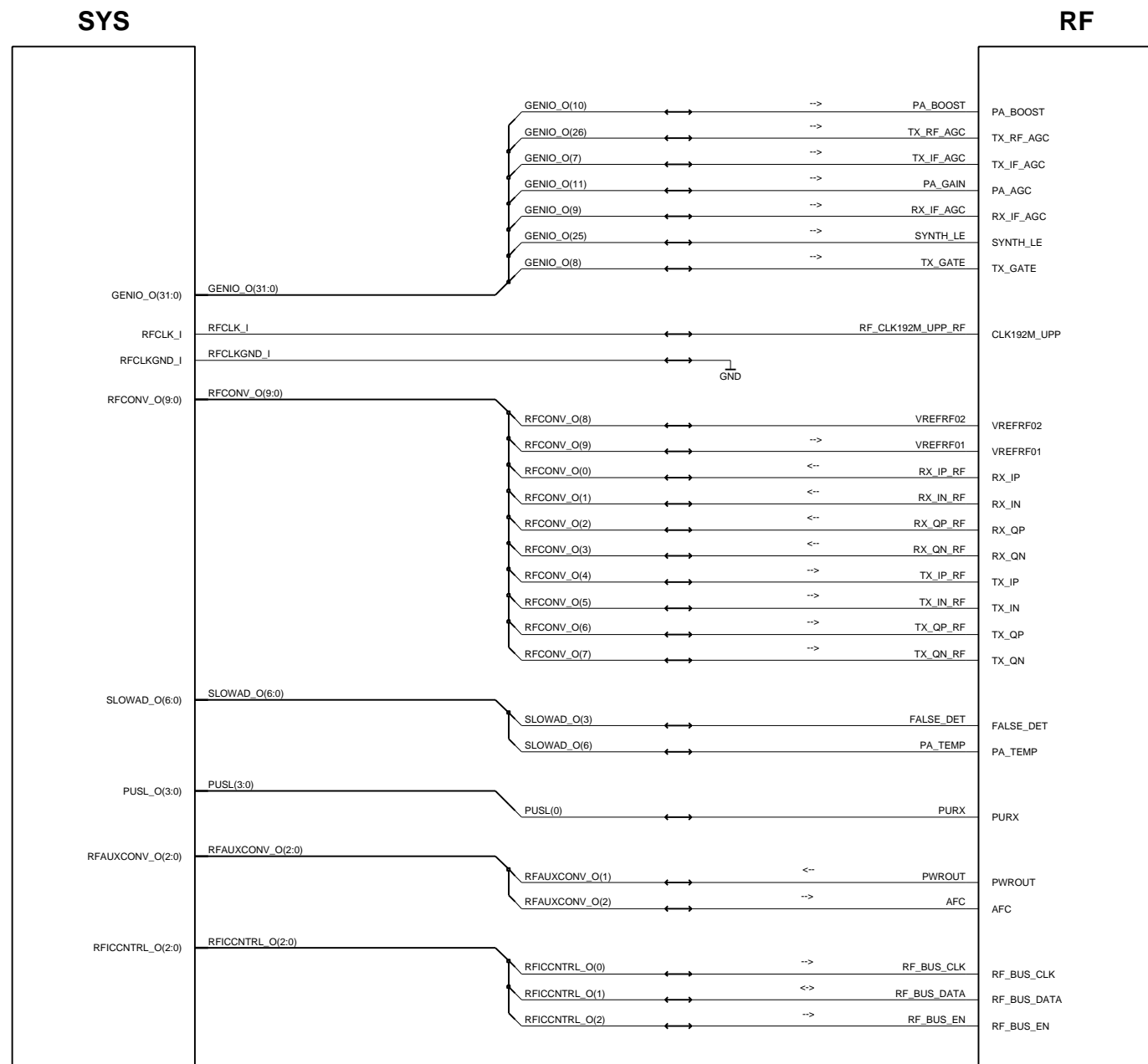
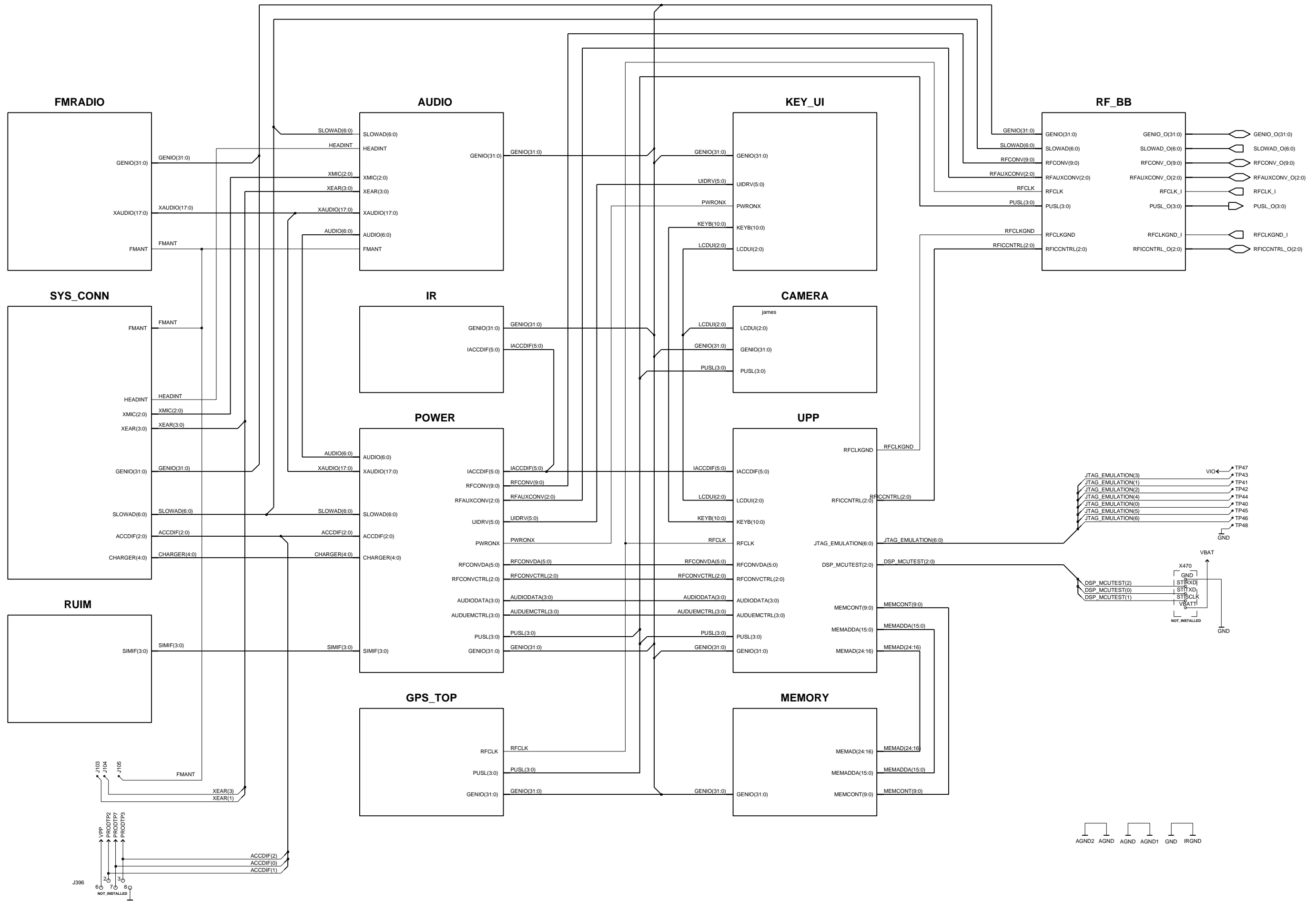


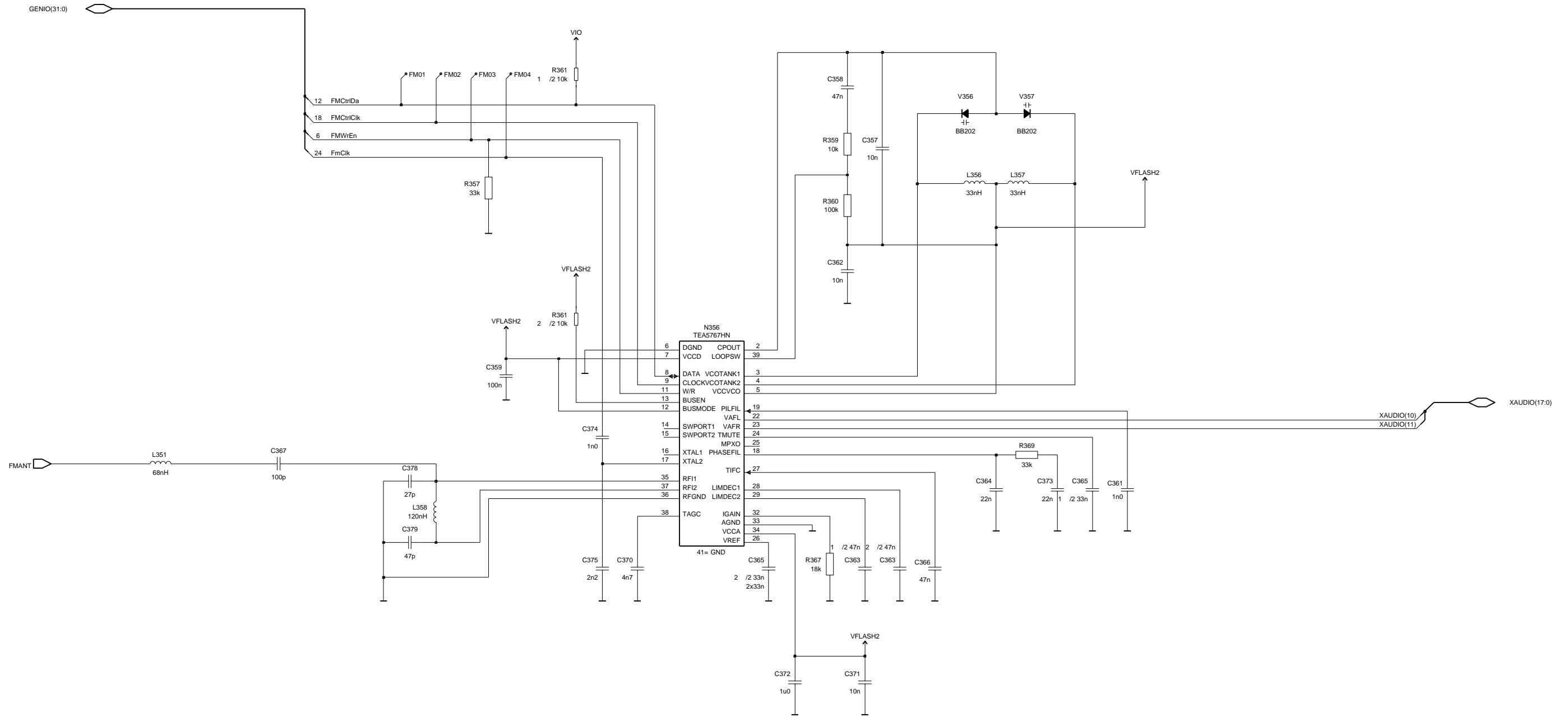
Top-level Diagram



System Module

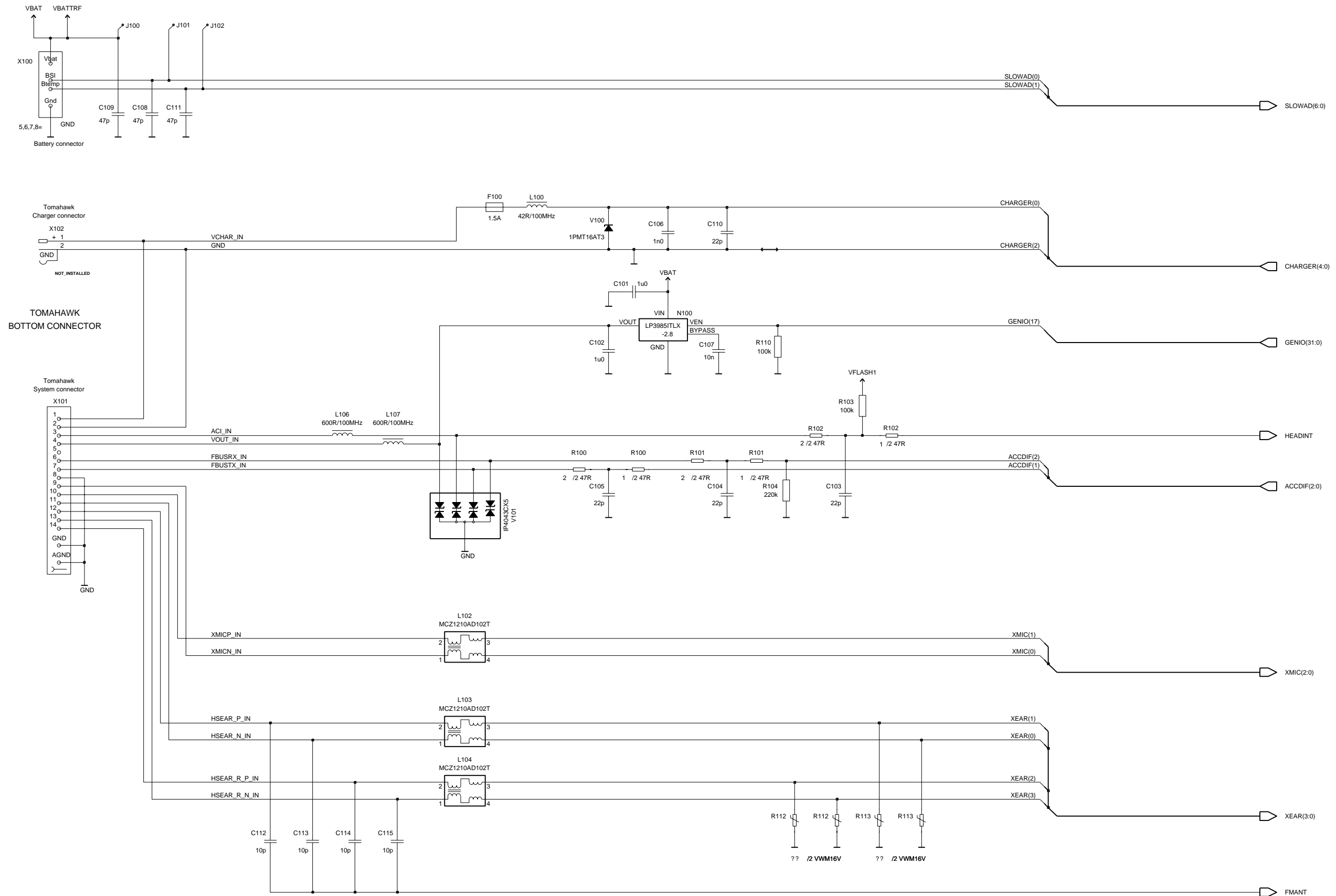


FM Radio Unit

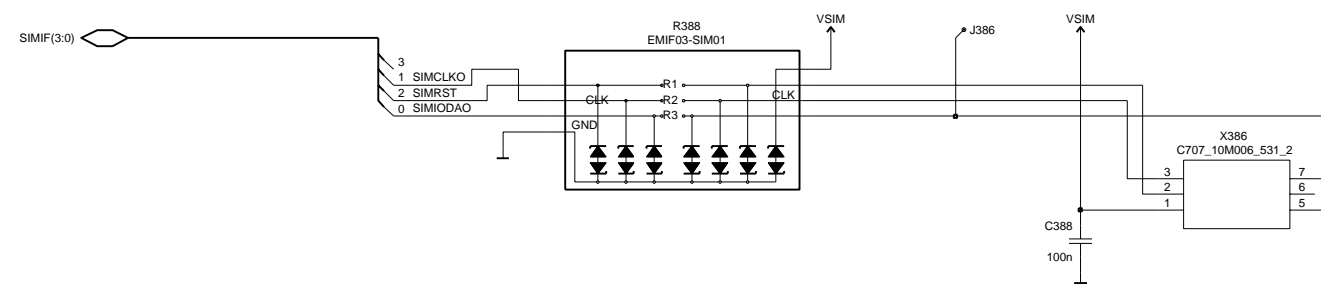


Notice:  
 C374 (1n0) and C375 (2n2) are configured for 32kHz reference clock  
 If reference clock is 6.5MHz, use C374 (3p9) and C375 (10p)

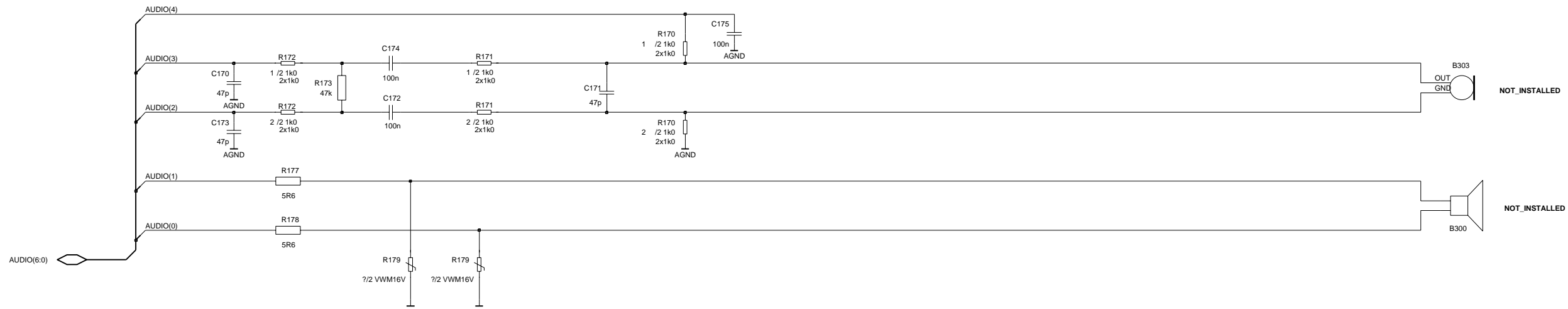
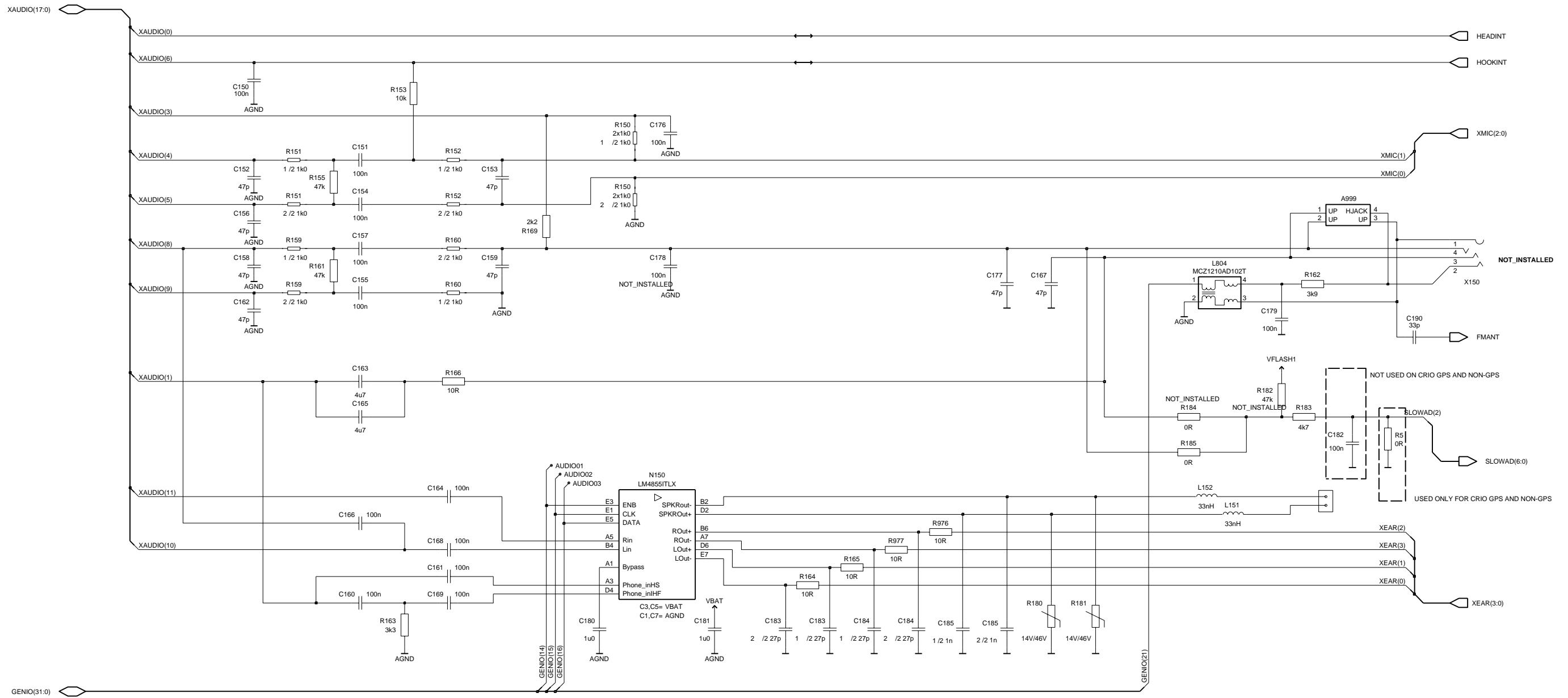
System Connector



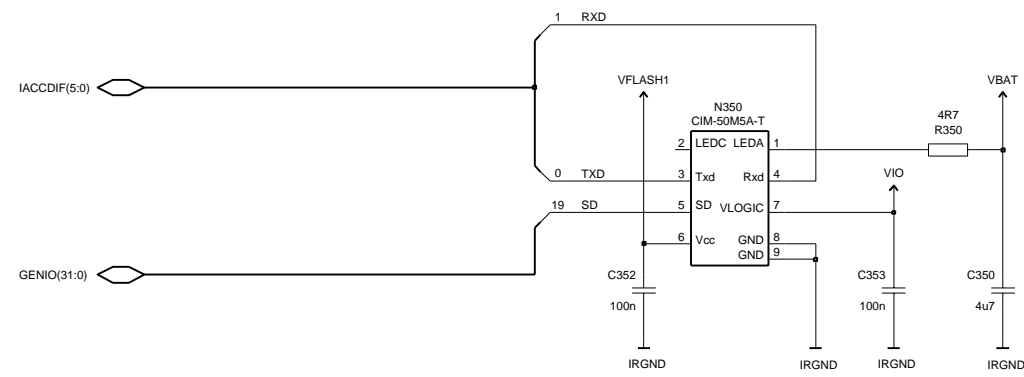
SIM Reader



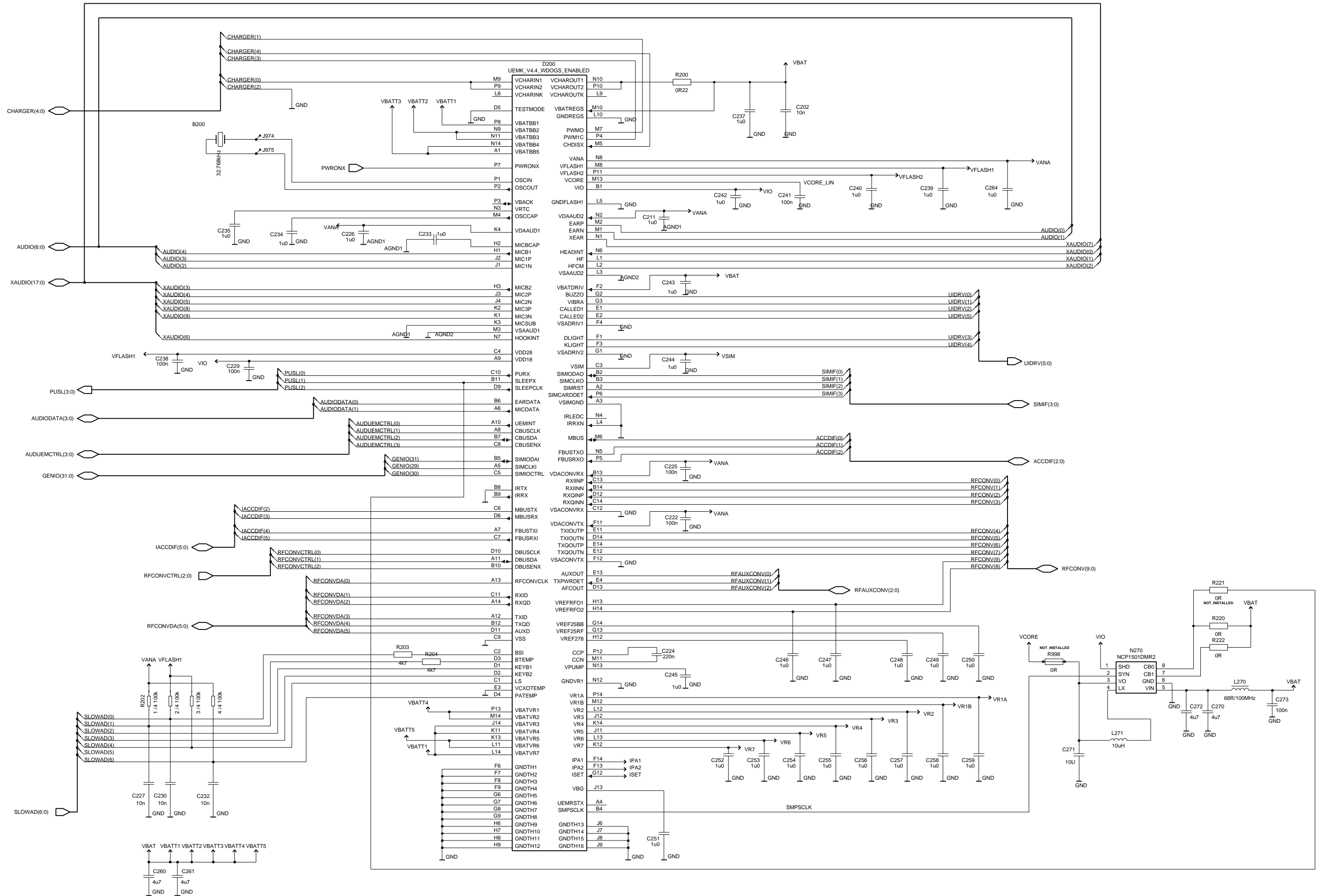
Audio



IR Module 1.8V

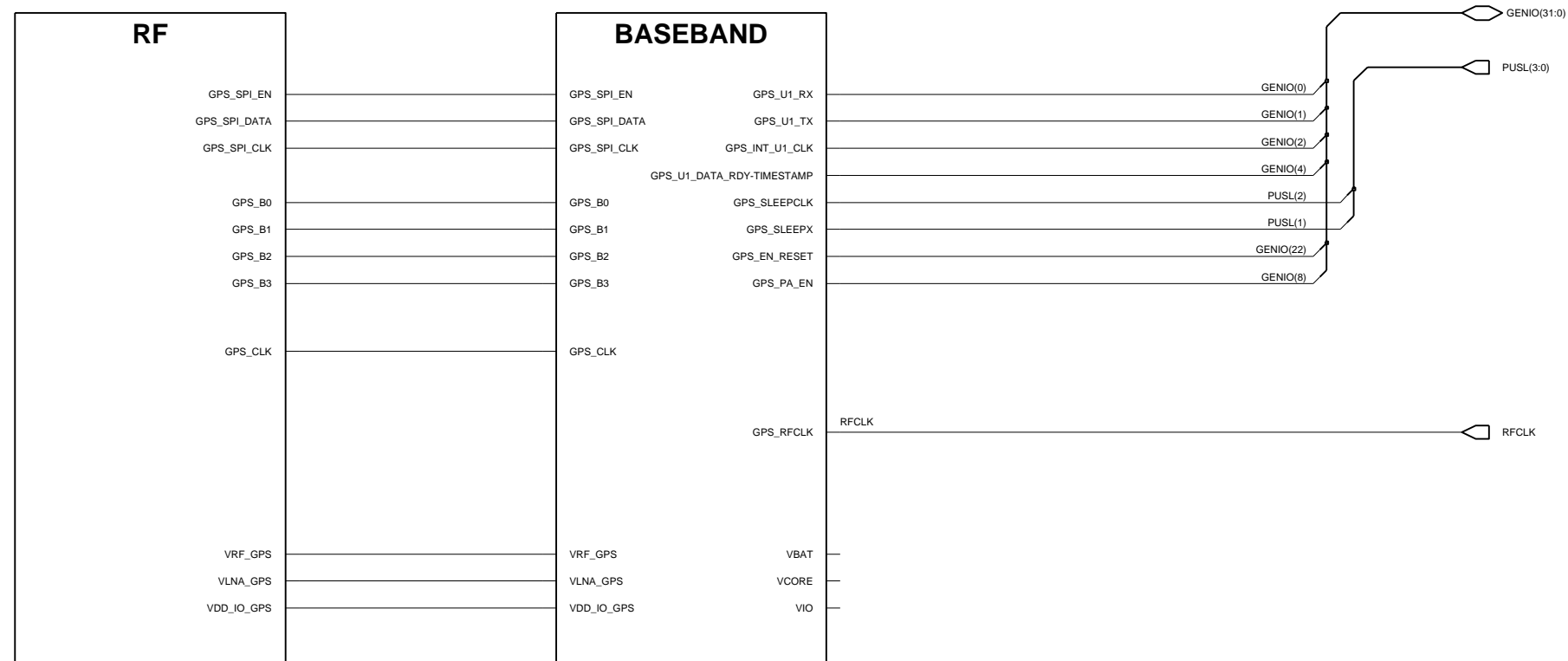


System Power

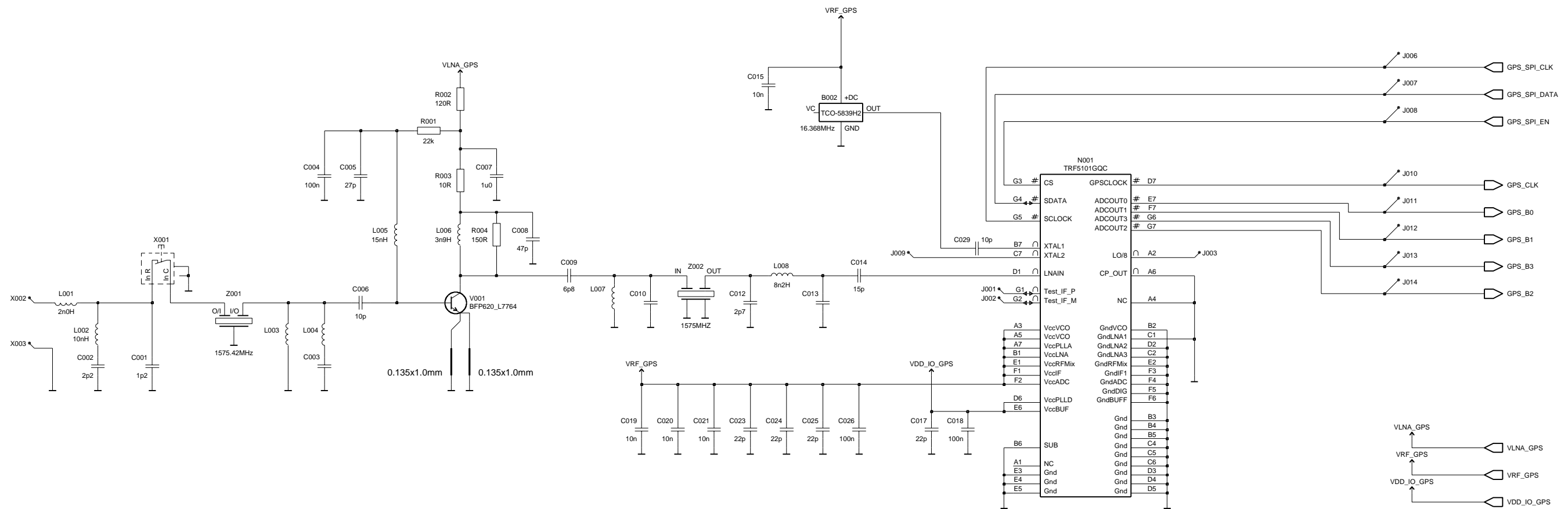




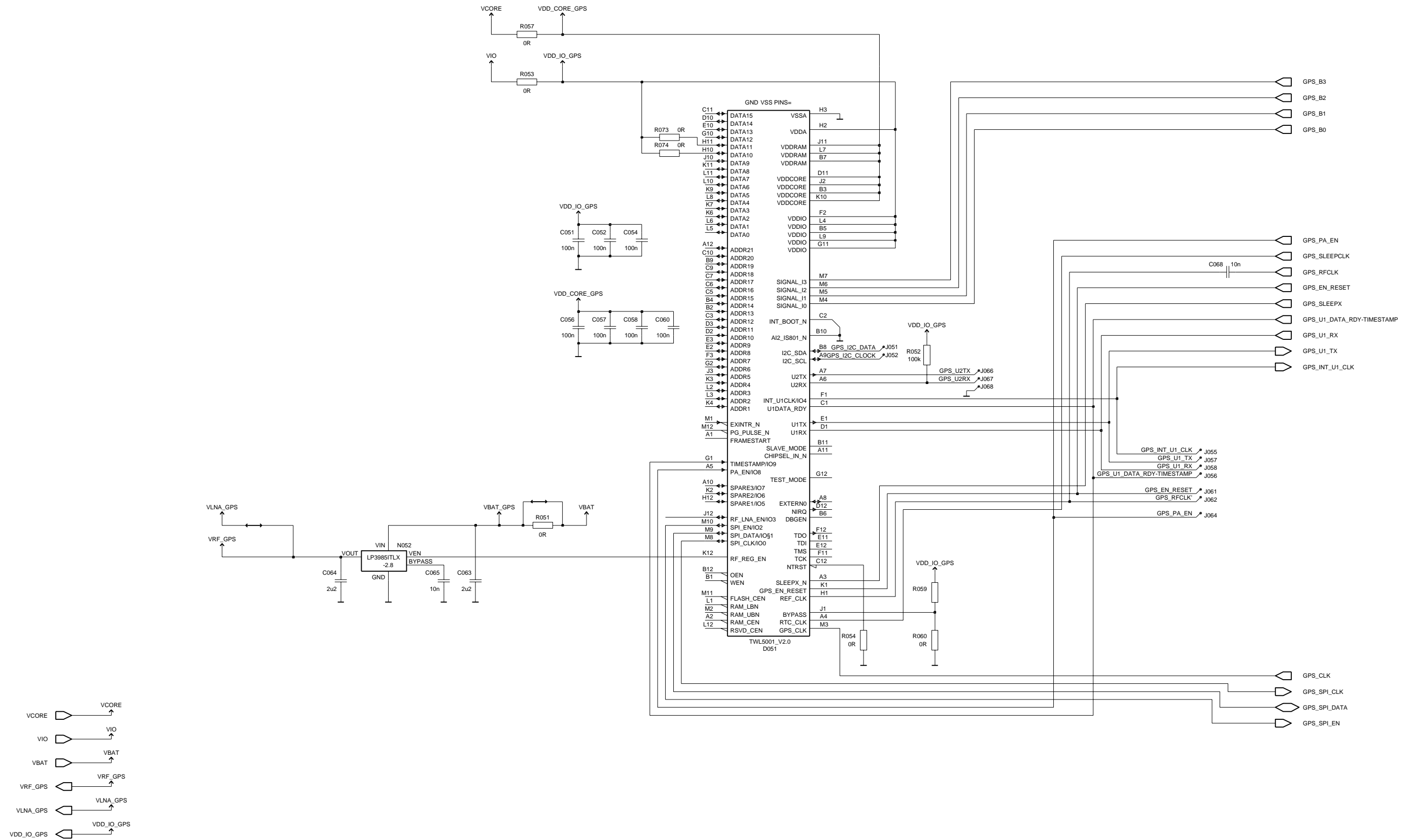
GPS RF-BB Interface



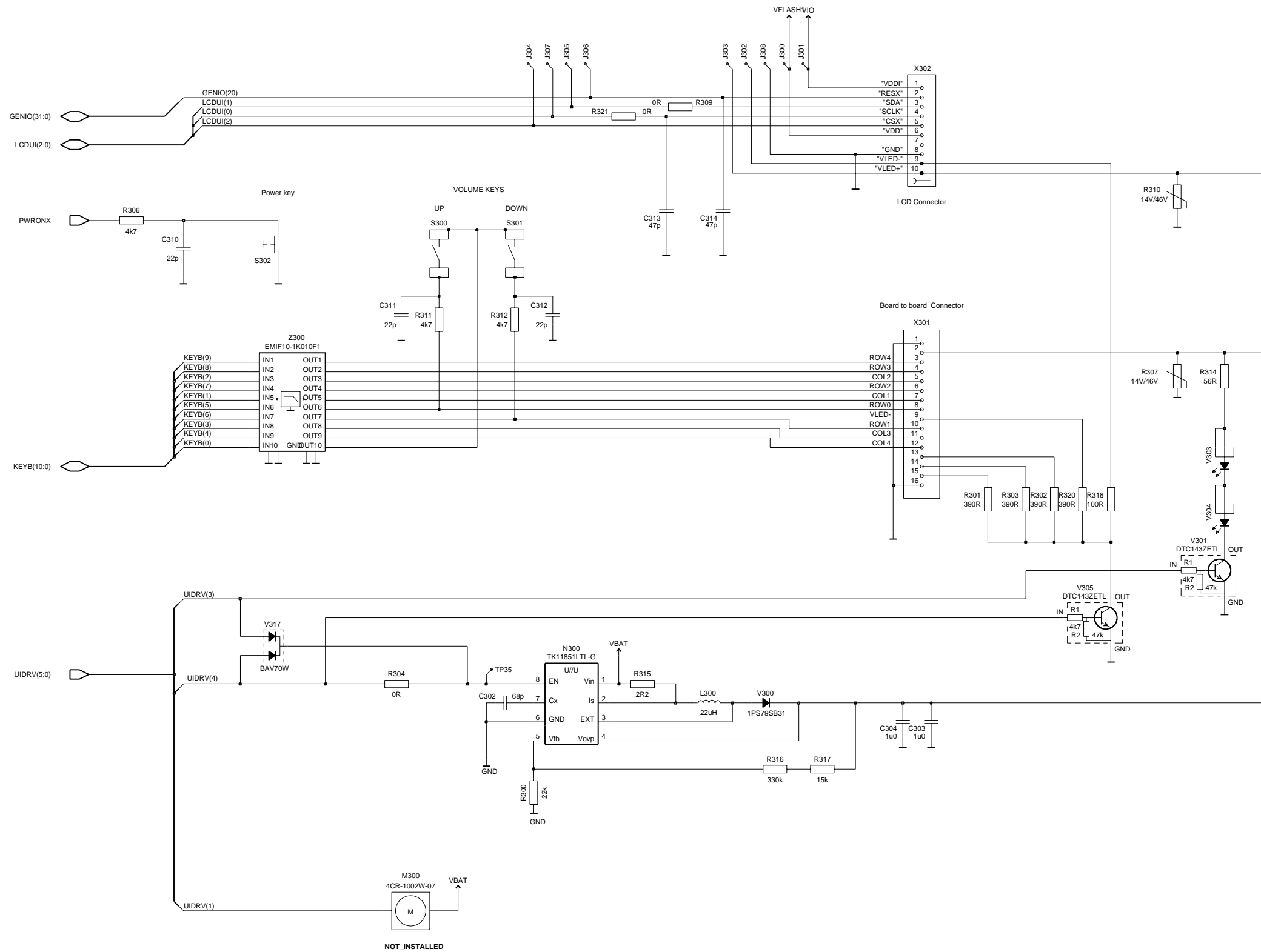
GPS RF Circuit Diagram



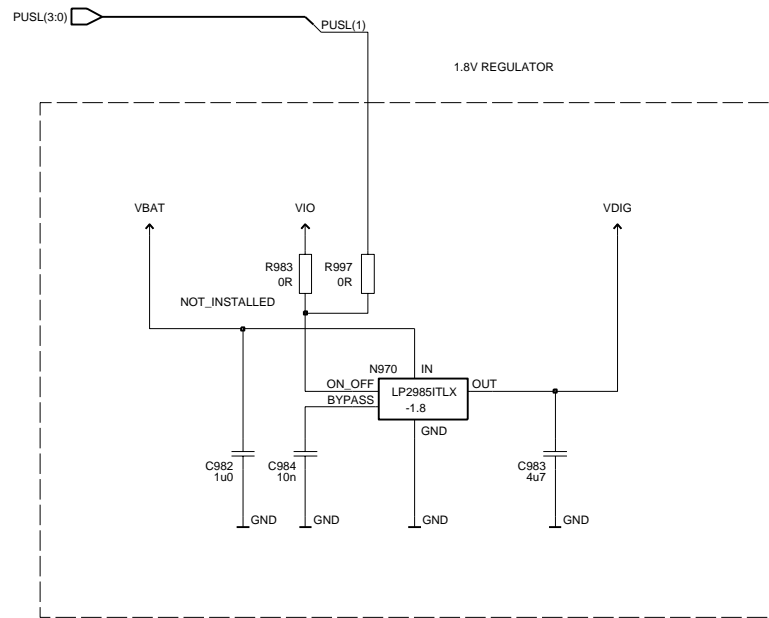
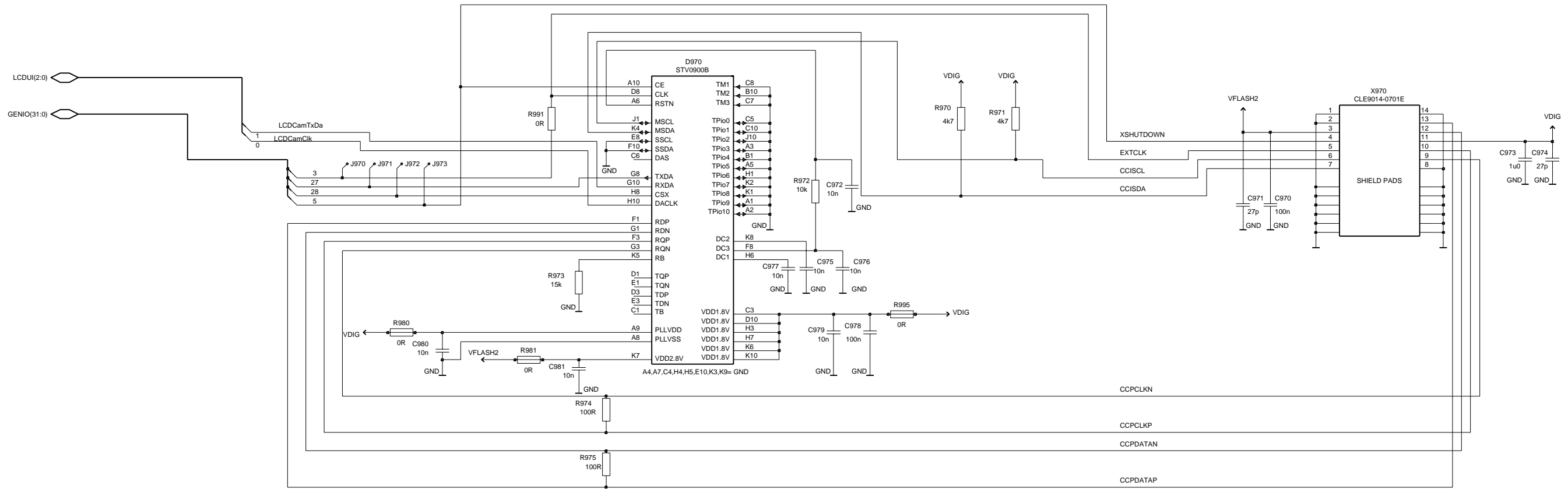
GPS Baseband Circuit Diagram



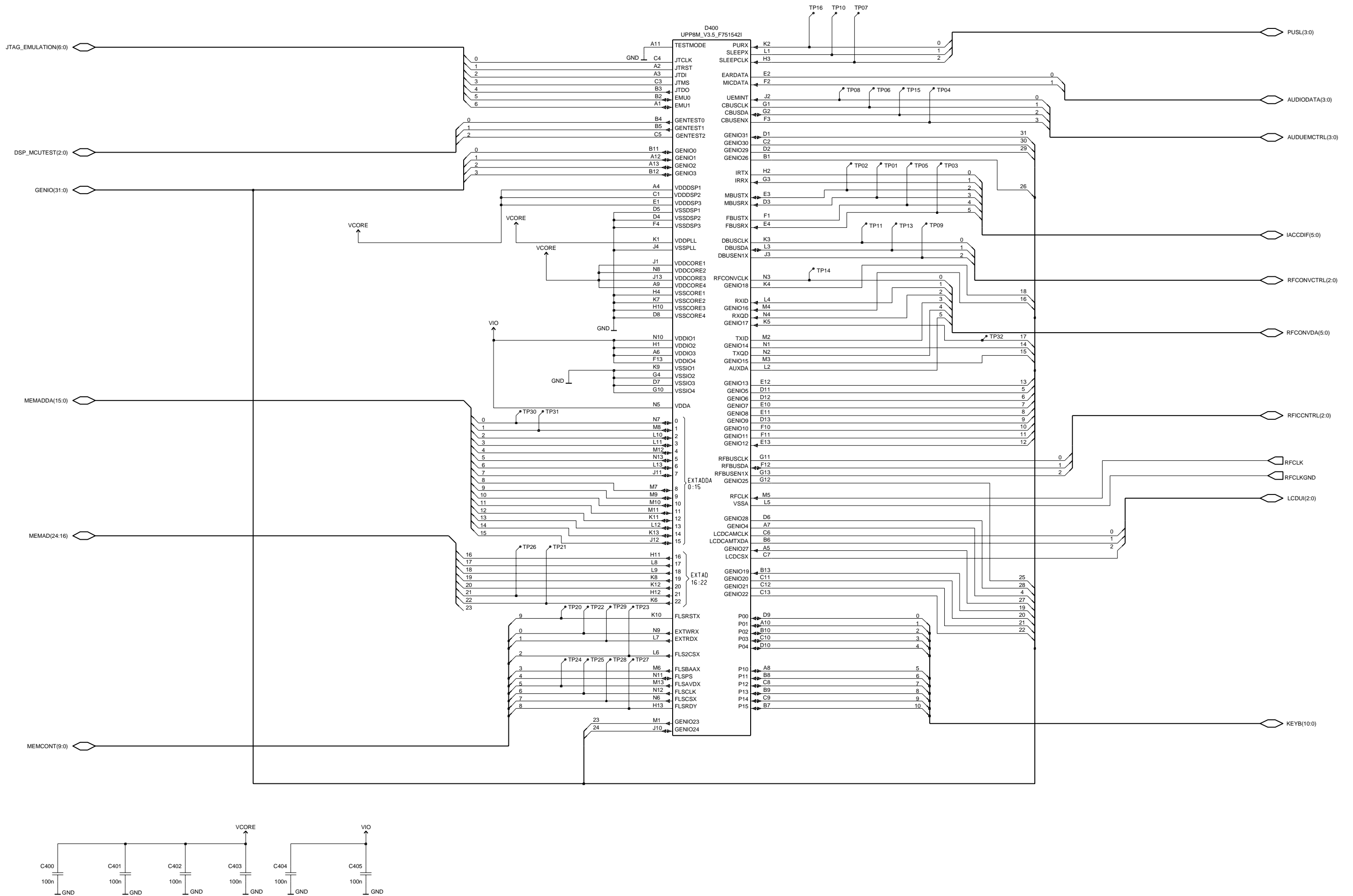
User Interface



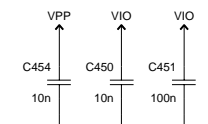
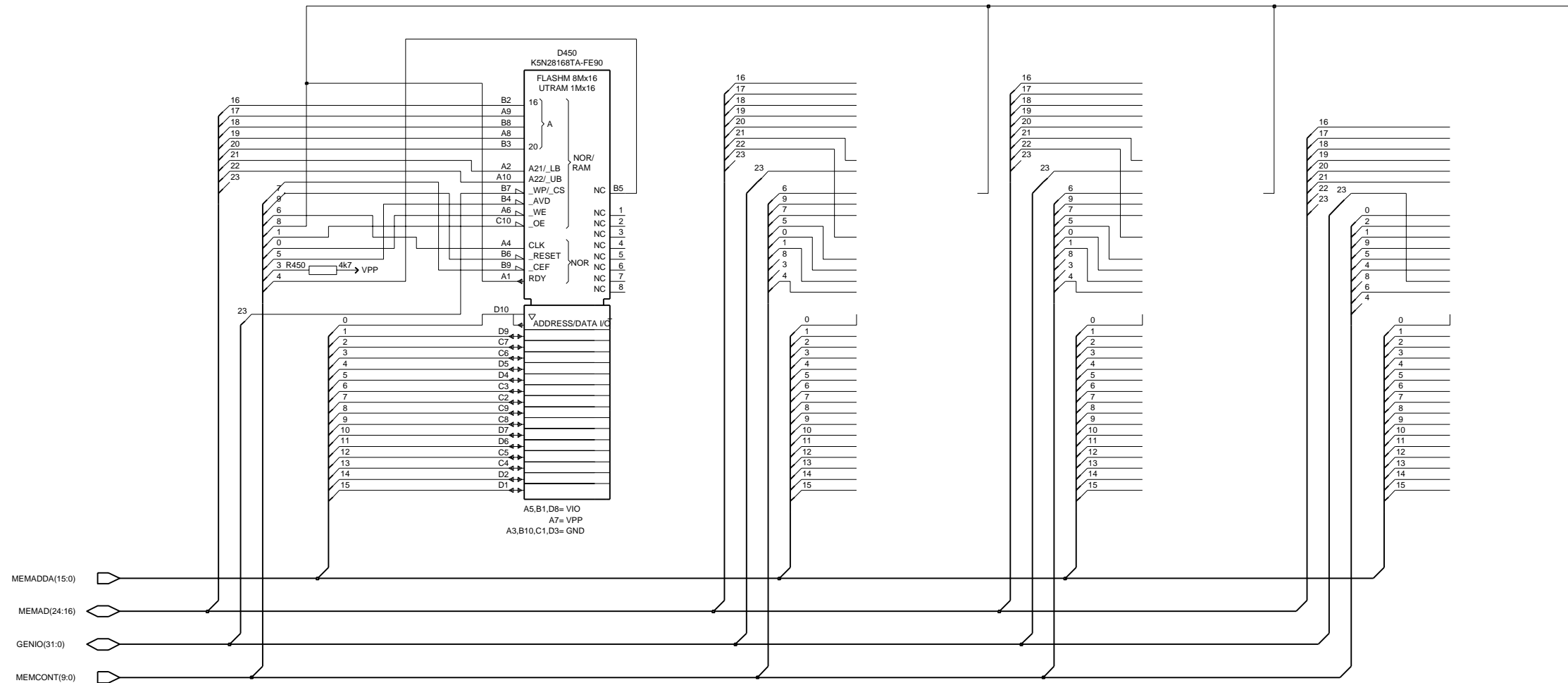
Camera



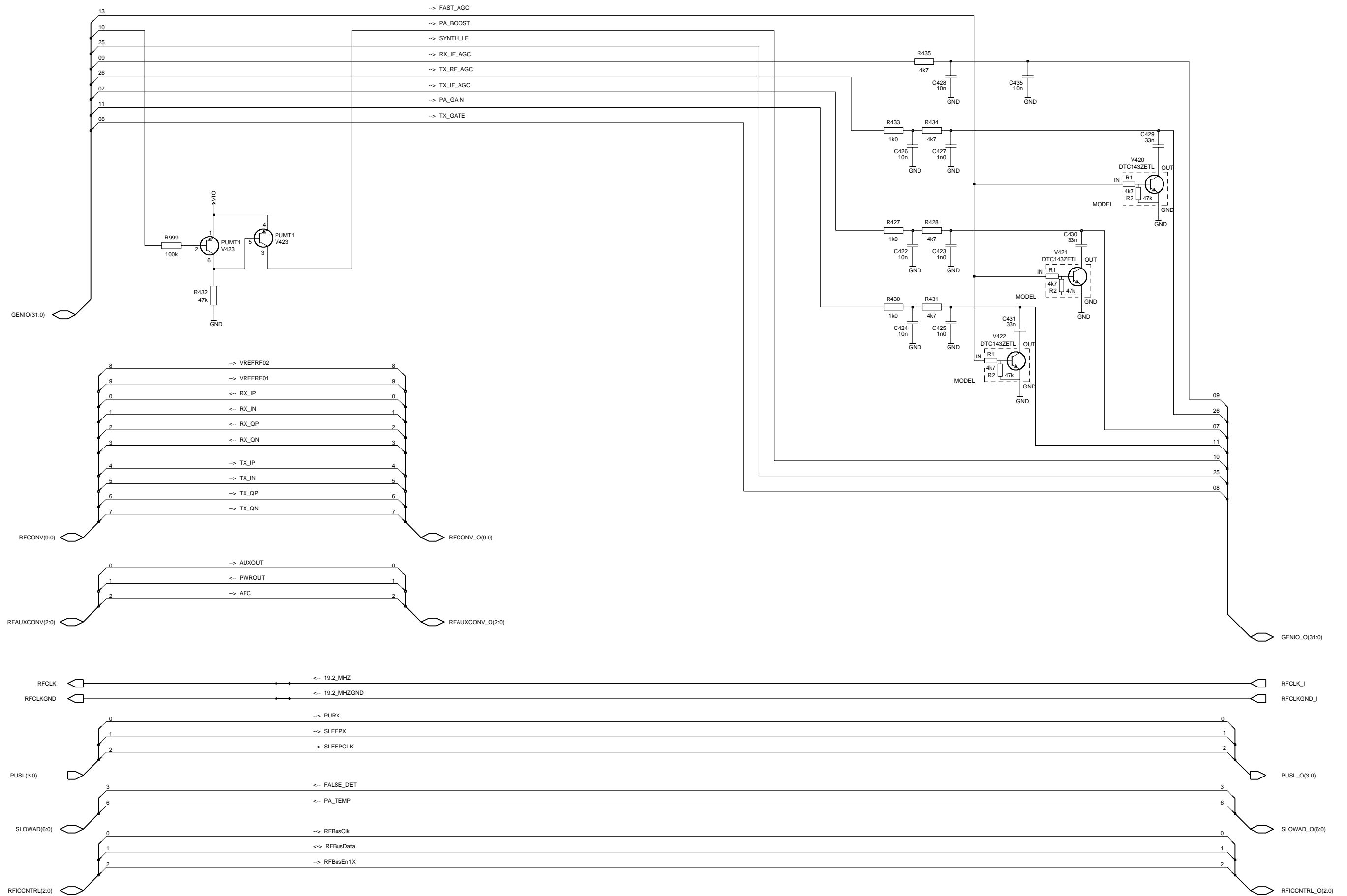
UPP 8M Implementation



AMD 64 Mbit (Burst Read/Write) Memory

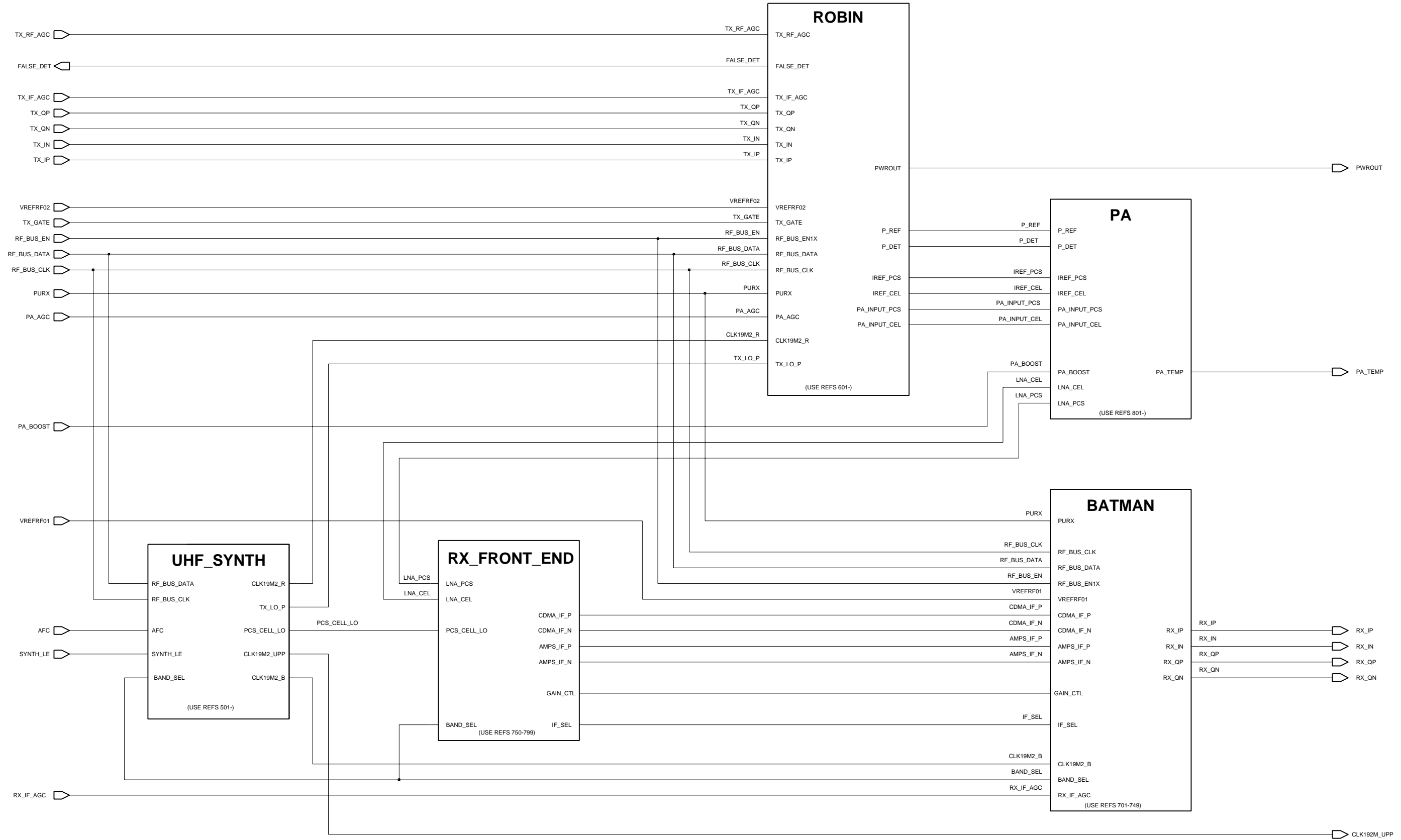


BB-RF Interface

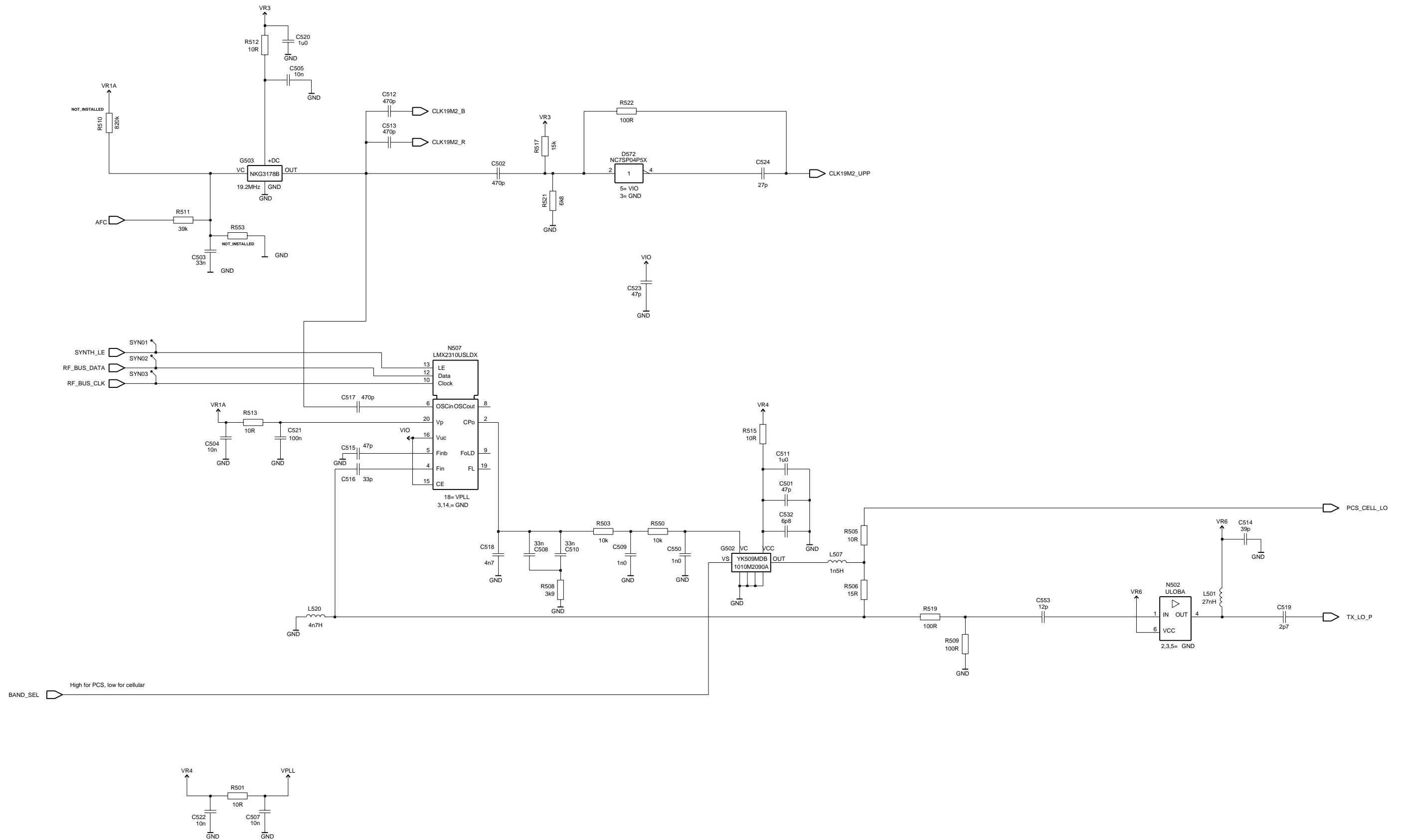




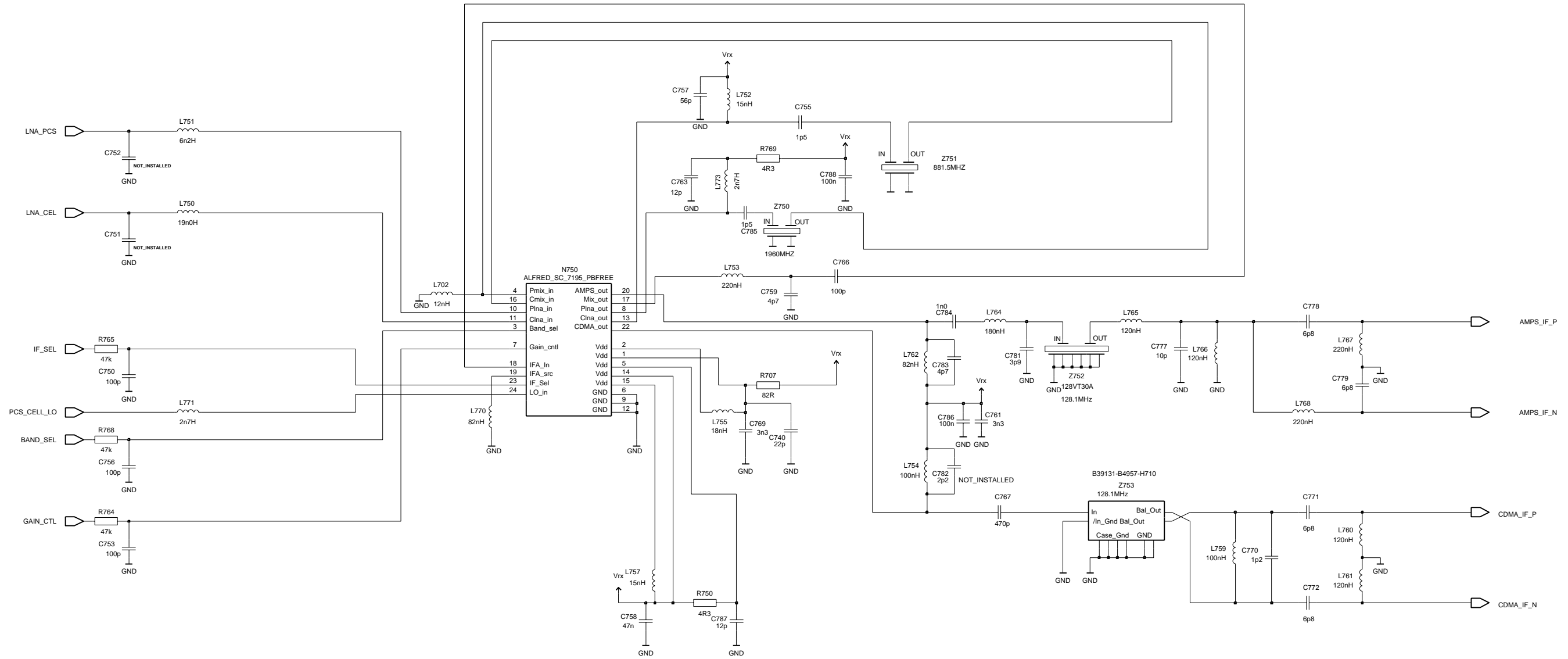
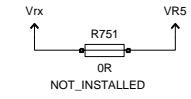
RF Top Level



UHF Synthesizer



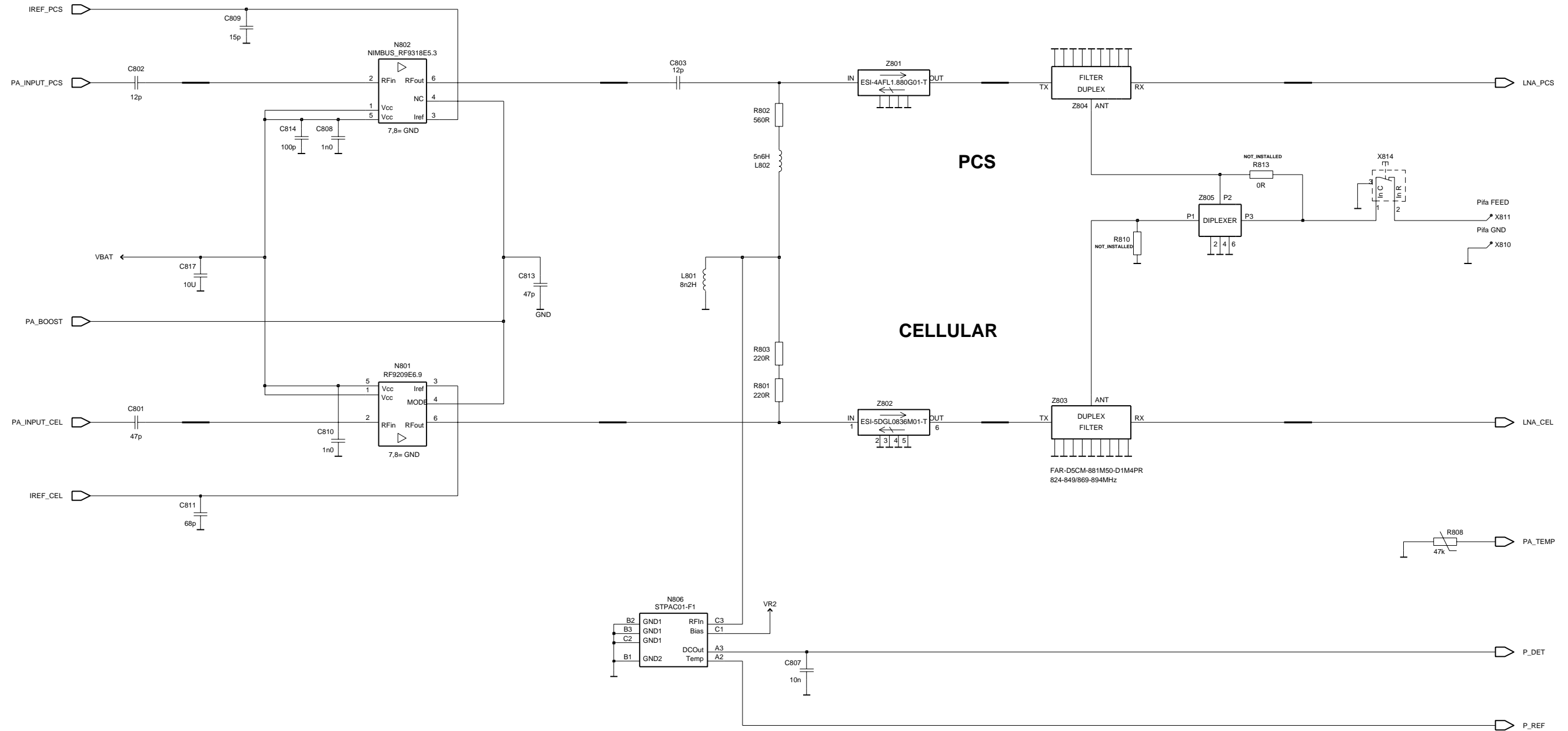
Fron End



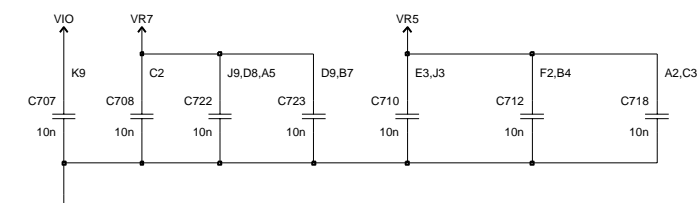
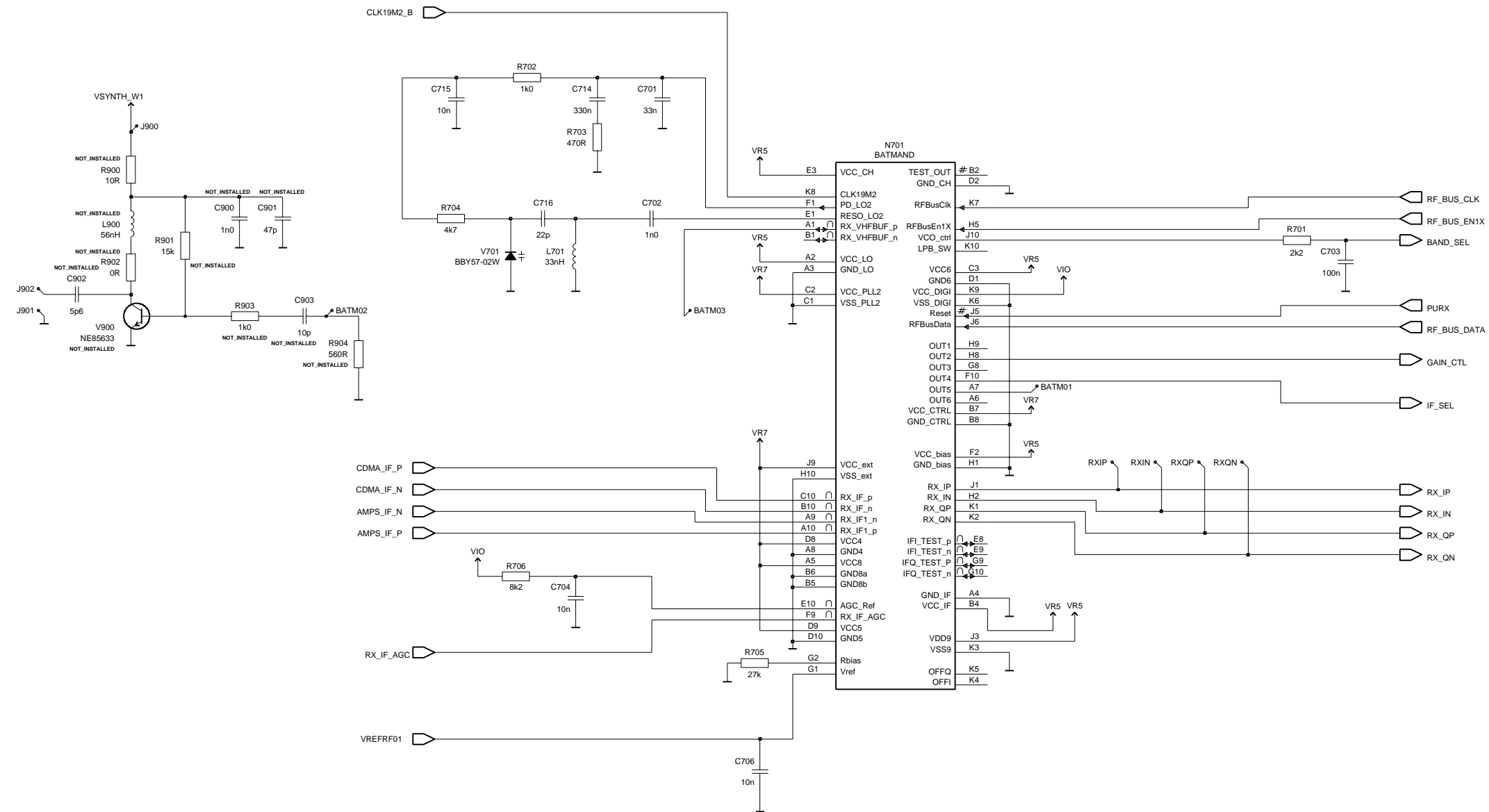
| MODES            | LOGIC INPUTS |          |        |
|------------------|--------------|----------|--------|
|                  | BAND         | GAIN_CTL | IF_SEL |
| CEL CDMA Hi Gain | 0            | 1        | 0      |
| CEL CDMA Lo Gain | 0            | 0        | 0      |
| PCS CDMA Hi Gain | 1            | 1        | 0      |
| PCS CDMA Lo Gain | 1            | 0        | 0      |
| AMPS Hi Gain     | 0            | 1        | 1      |
| AMPS Lo Gain     | 0            | 0        | 1      |



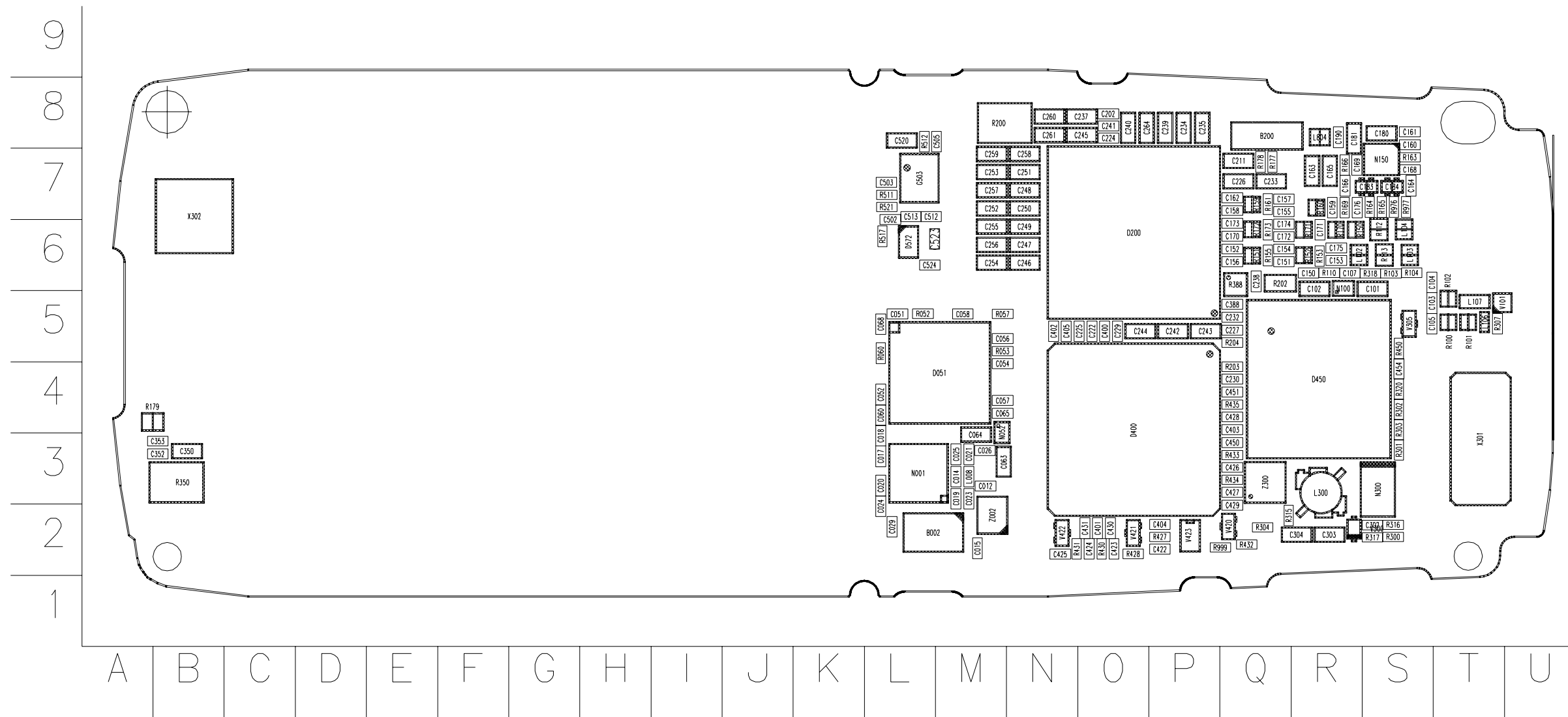
PA



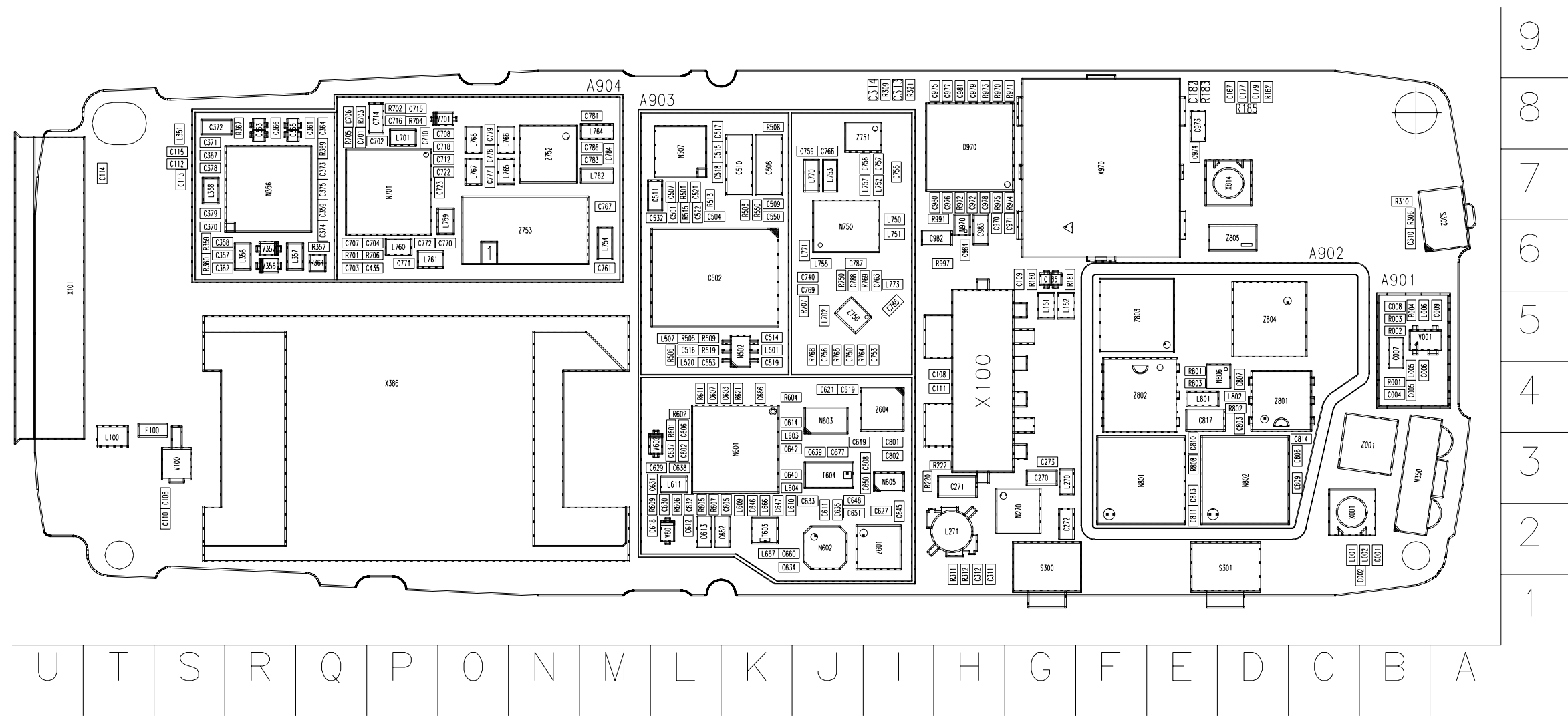
BATMAN



Component Layout - Top View



Component Layout - Bottom View







Component Values - Bottom

