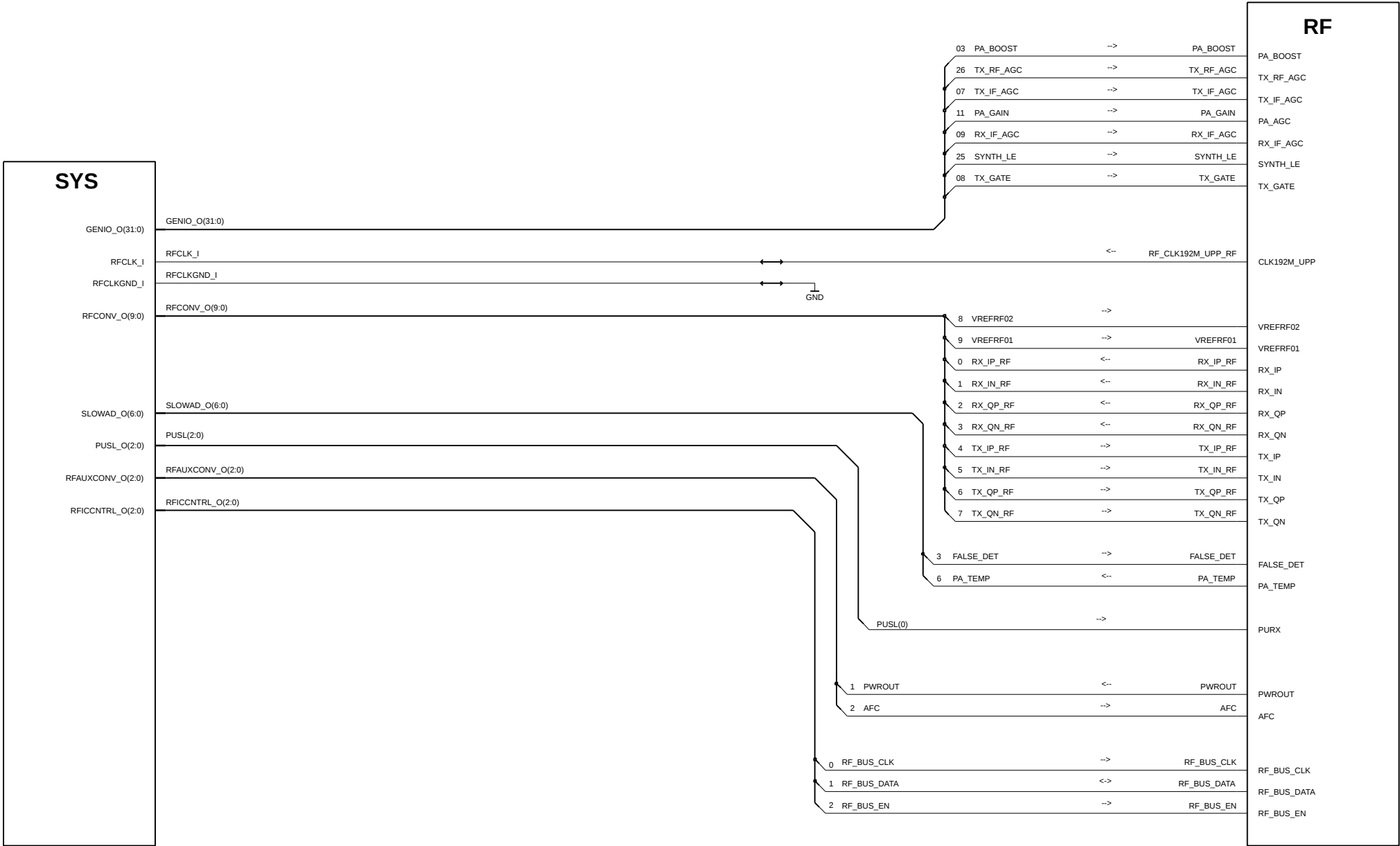


RF/BB

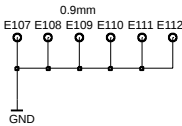
Sheet 1

REVISION	CR NUMBER INCORPORATED	DATE COMPLETED
1AK_01	PROTOTYPE RELEASE (B1.0)	16-JUL-2002
1AK_02	PROTOTYPE RELEASE (B2.0)	16-SEP-2002
1AK_03	69052 69143 69172 69282 69370 69376 69379 69383 69385 69464 69466 69467 69572 69573 69574 69575 69576 69577 69624 69830 69834 70090	21-NOV-2002
1AK_04	70278 70595 70612 70892 70893 70894 70950 70951 70955 70957	17-DEC-2002
1AK_05	71415 71509 71696 71927	09-JAN-2003
1AK_06	72827	30-JAN-2003
1AK_06.1	73498	12-FEB-2003 IKKIM
1AK_06.2	73685	18-FEB-2003 IKKIM
1AK_06.3	74631	6-MAR-2003 IKKIM
1AK_07	74778 75084 75167 75463	19-MAR-2003 IKKIM

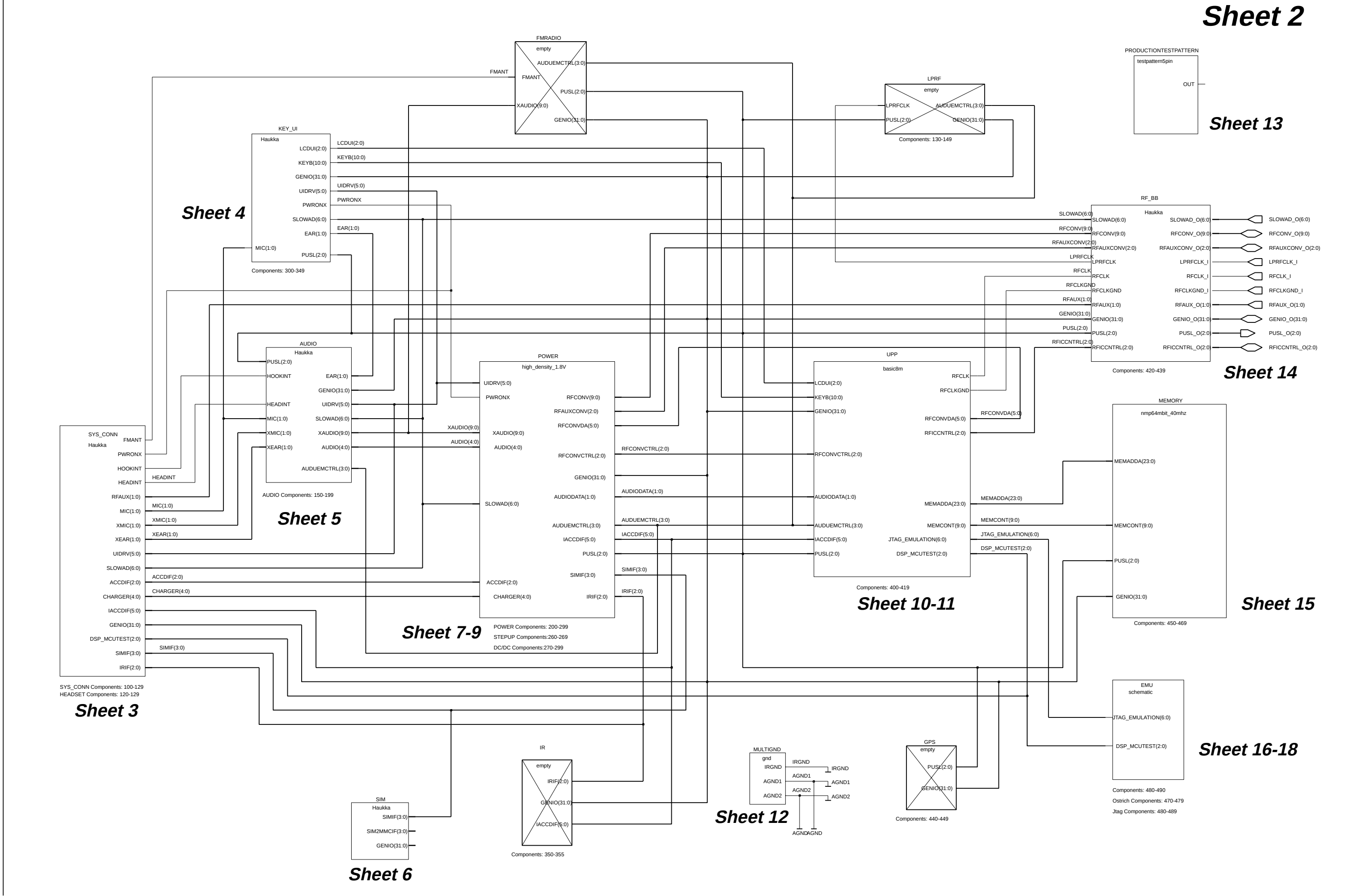


Sheet 2

Sheet 19

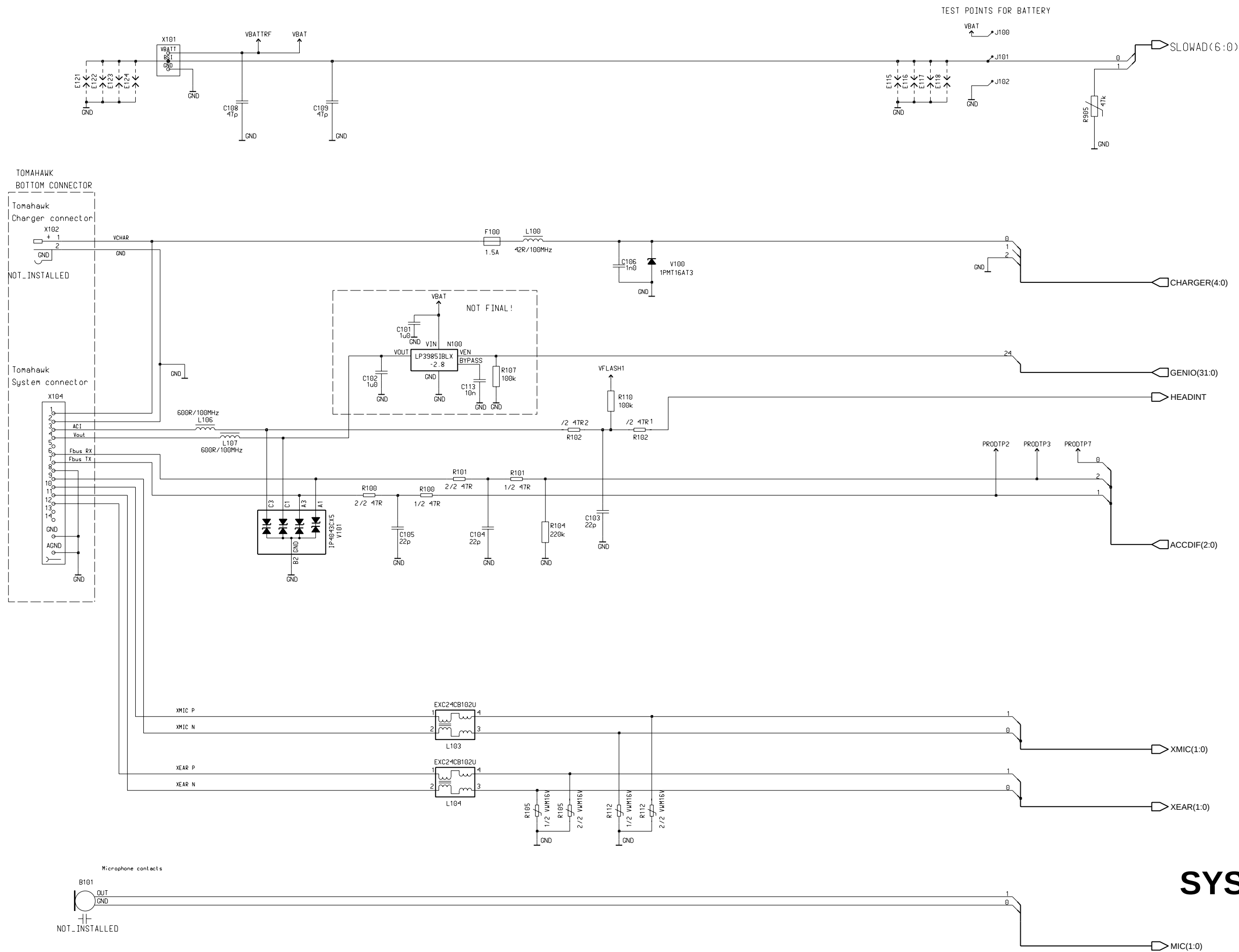


Common Baseband - Top Level

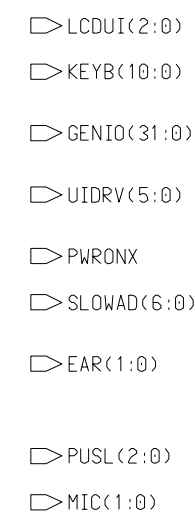


System Connector

Sheet 3



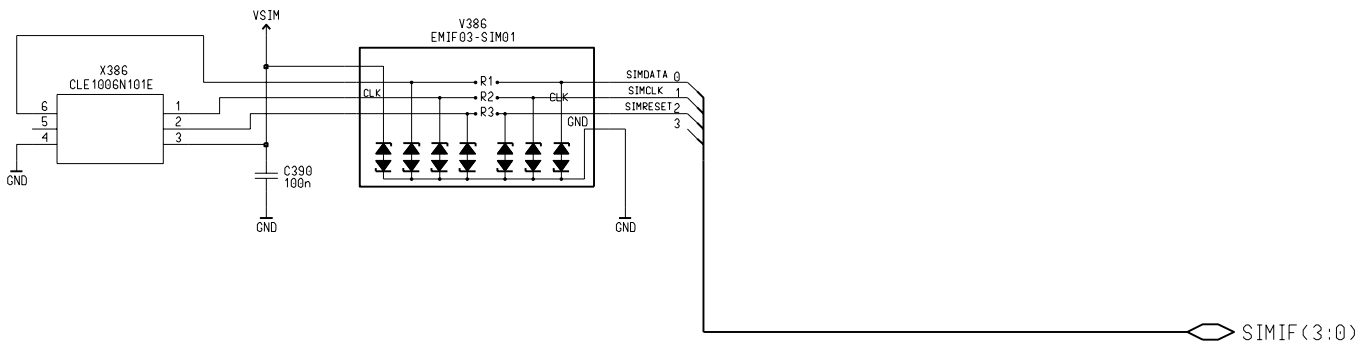
SYS CONN



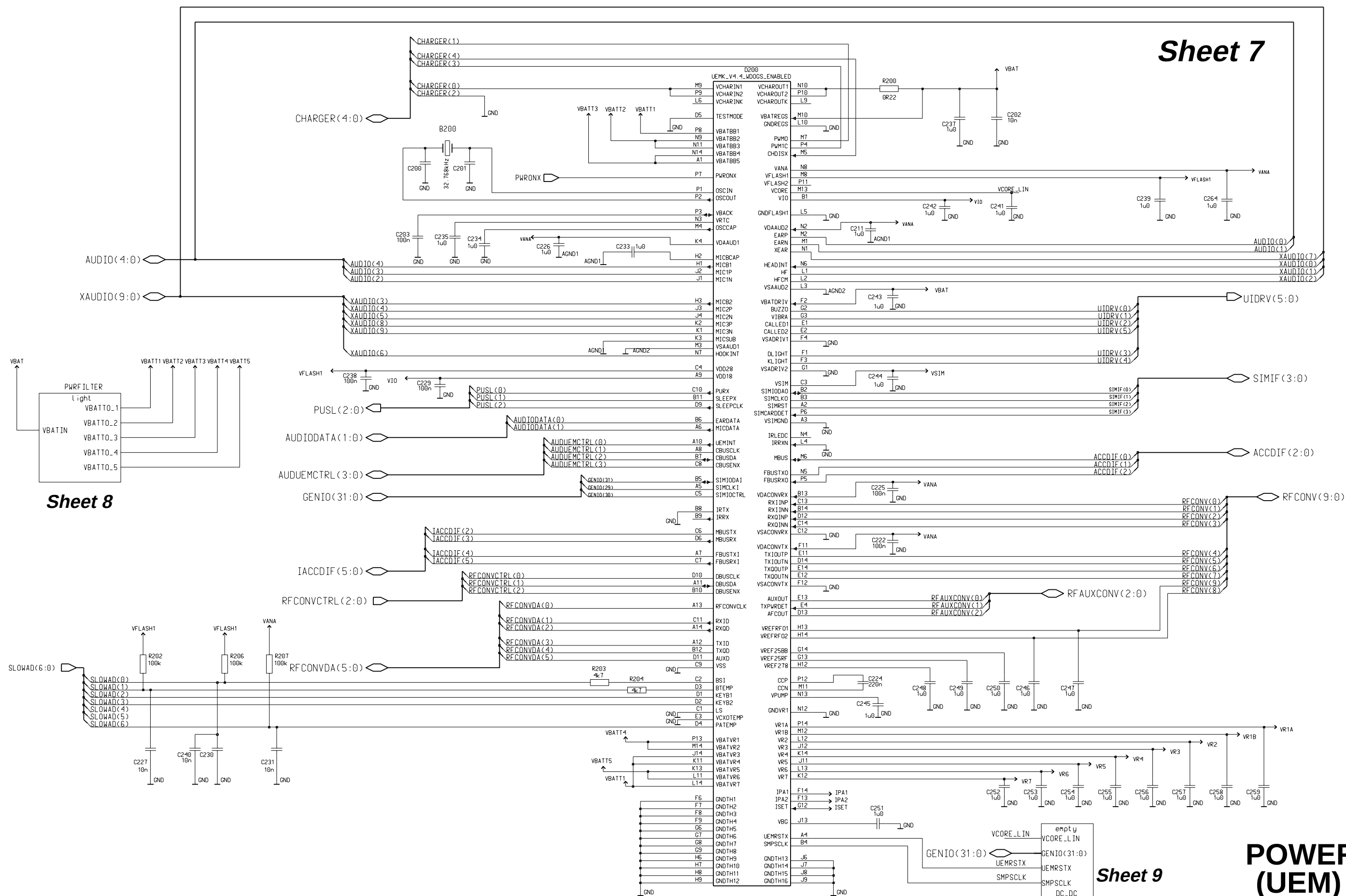
Sheet 5

SIM Reader

Sheet 6

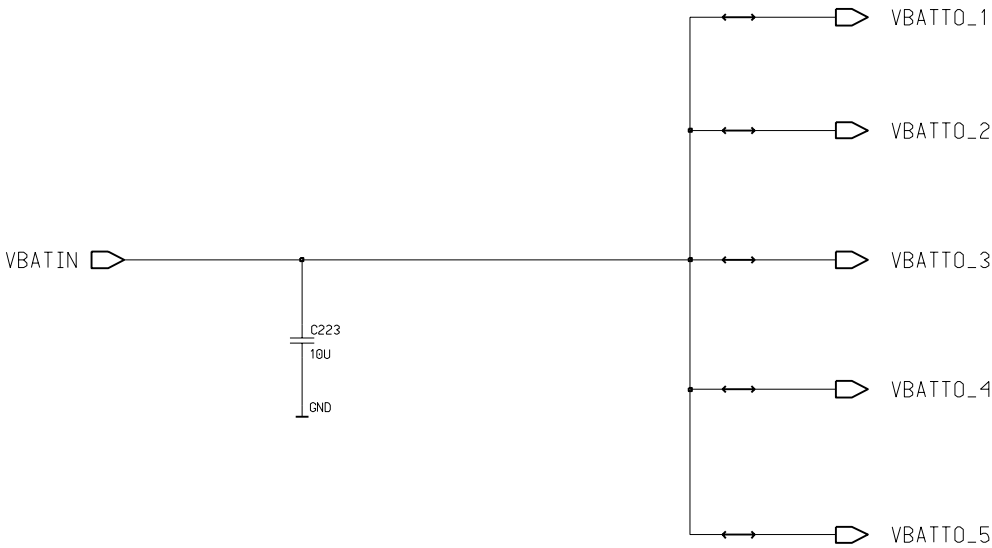


SIM



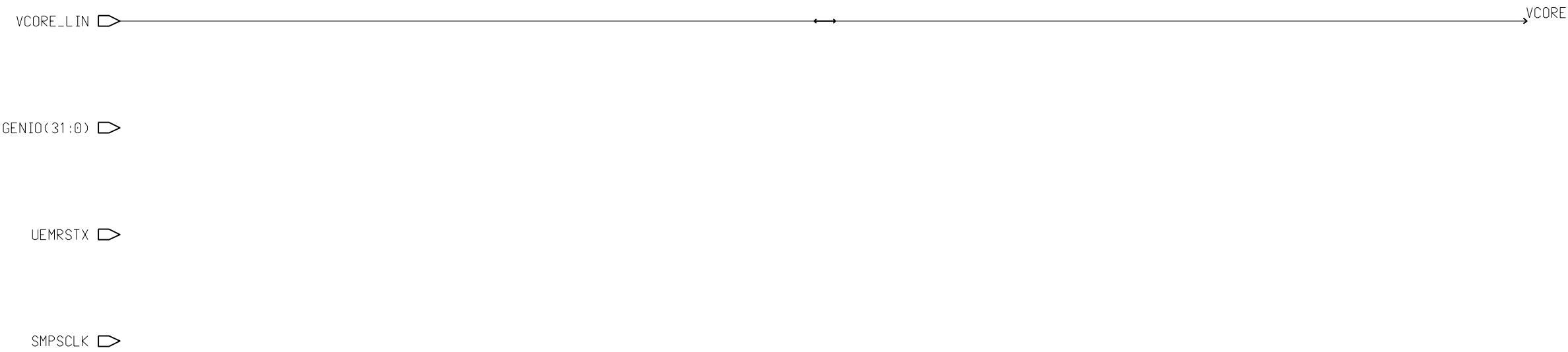
Power Filter

Sheet 8



POWER FILTER

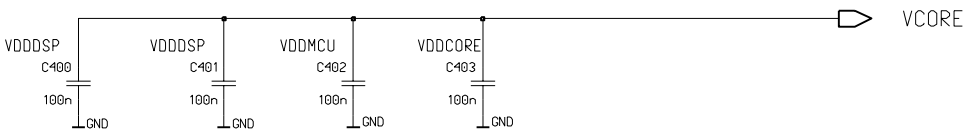
Sheet 9



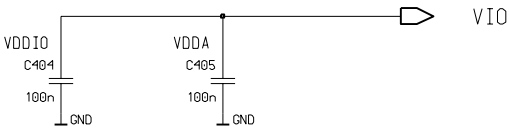
Sheet 10**Sheet 11**

UPP Filter

Sheet 11

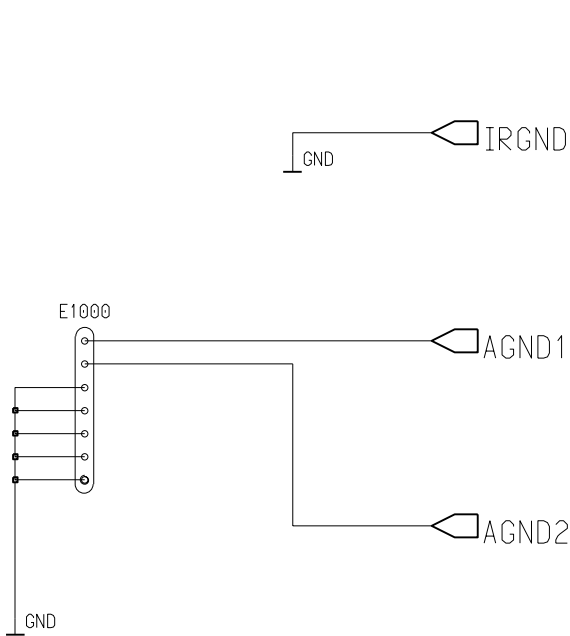


Place caps near UPP



UPP_FILTER

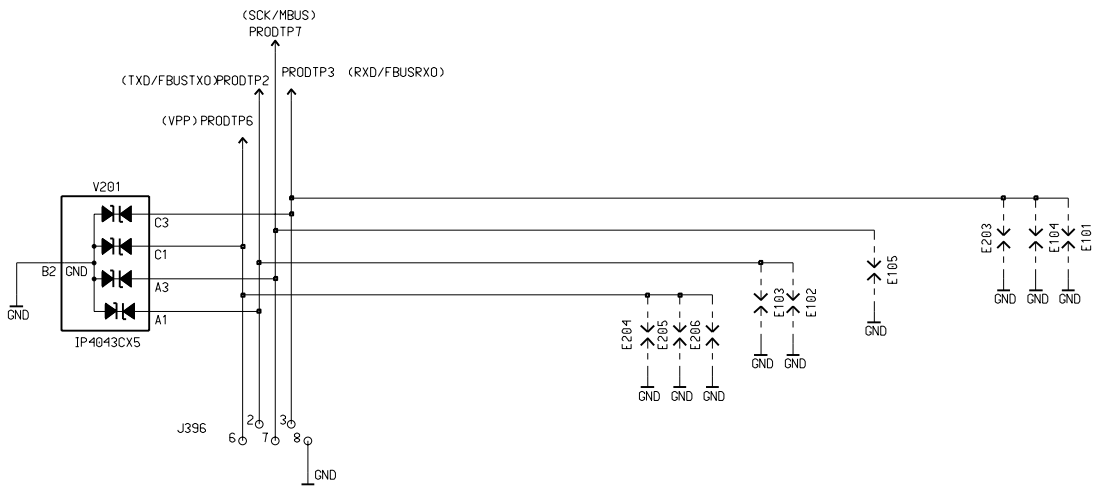
Sheet 12



MULIT GND

5-pin Production Test Pattern

Sheet 13

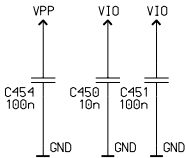
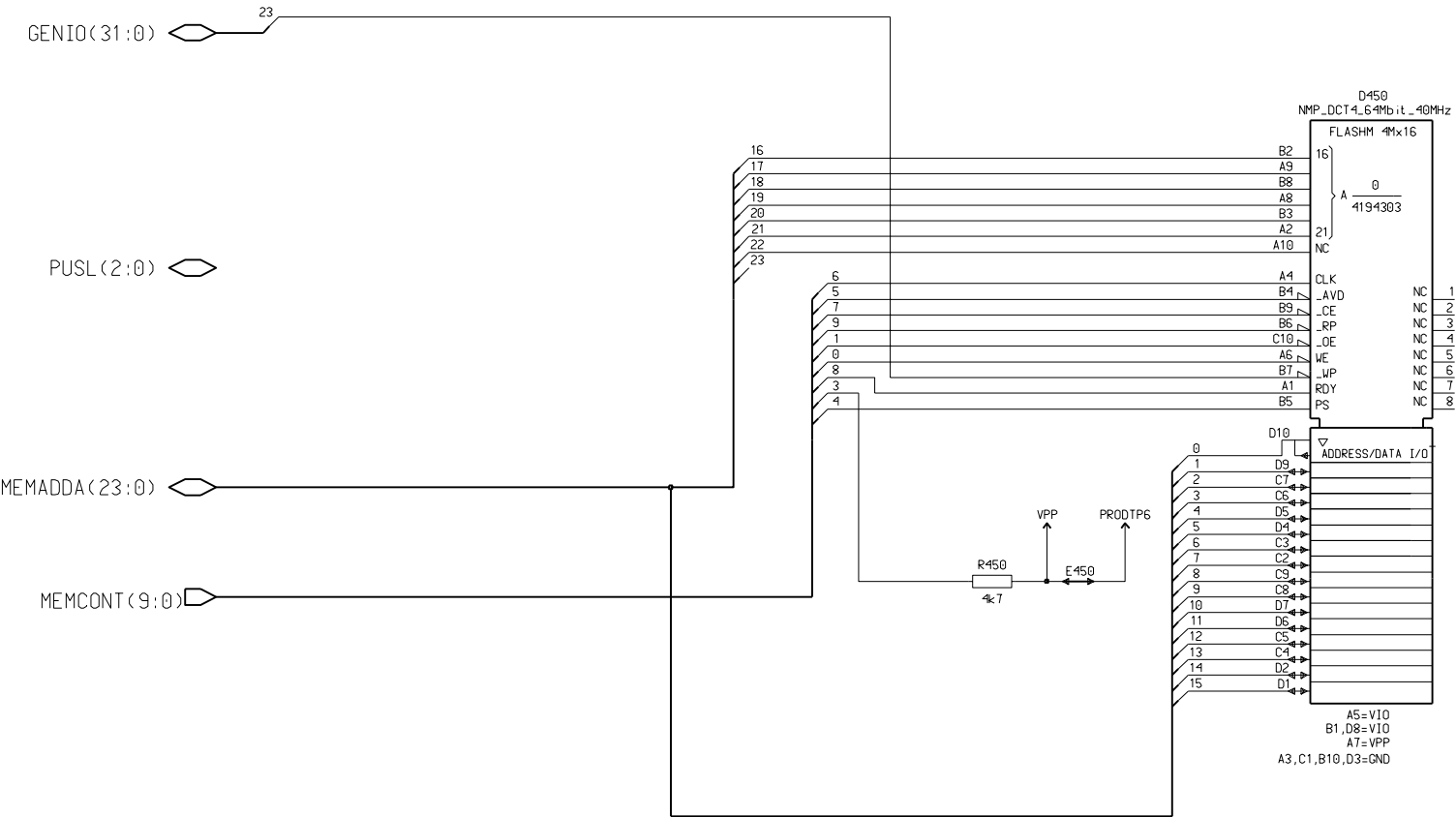


PROD TEST PATTERN

Sheet 14

Sheet 15

Do not use this sheet with UPP version 1



MEMORY
(AMD 64 MBIT)

Test and Emulator Interface

Sheet 16



Sheet 17



Sheet 18

EMU

JTAG Emulator Connector and Buffers

Sheet 17



JTAG

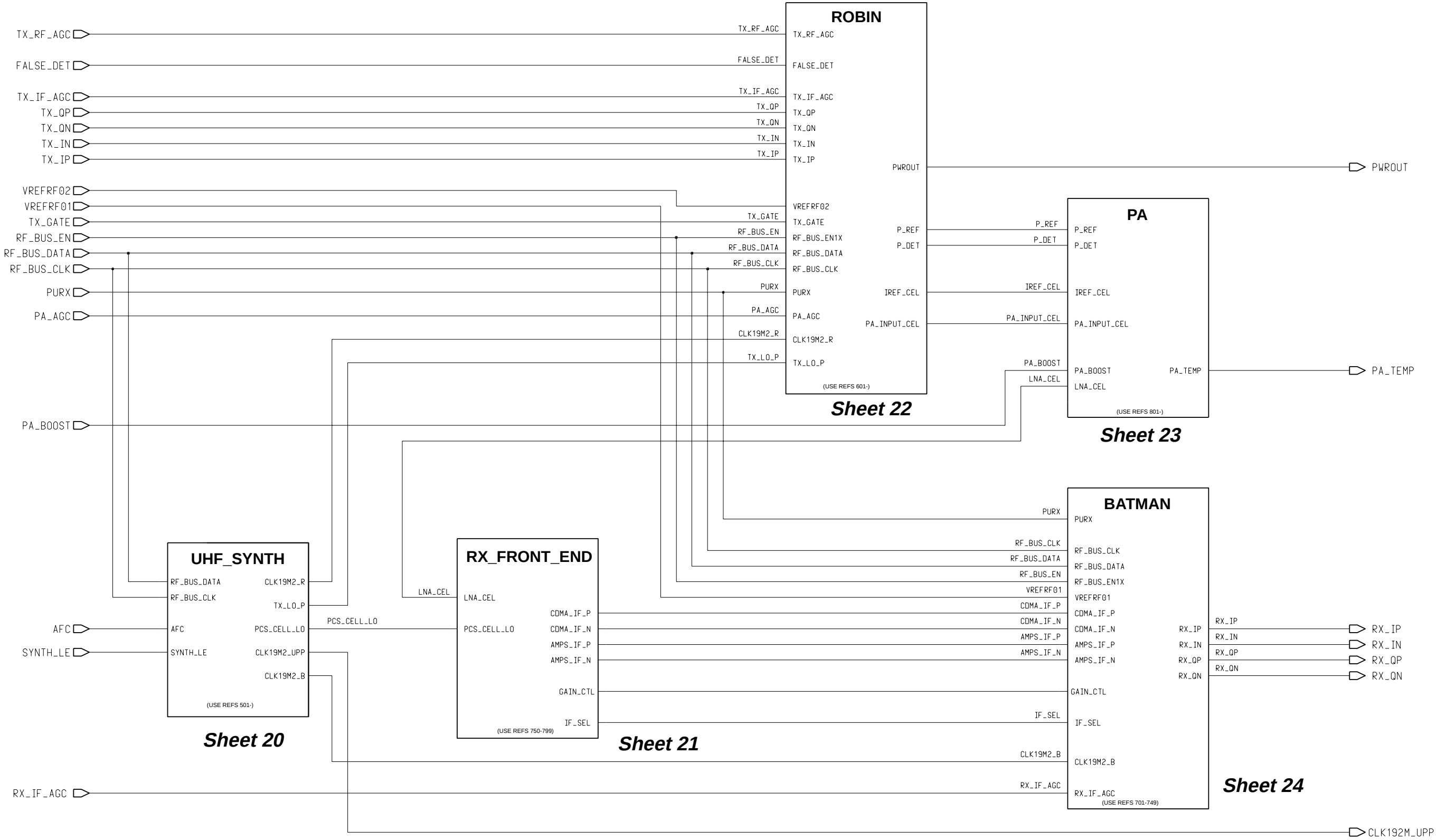
Sheet 18



OSTRICH

RF - Top Level

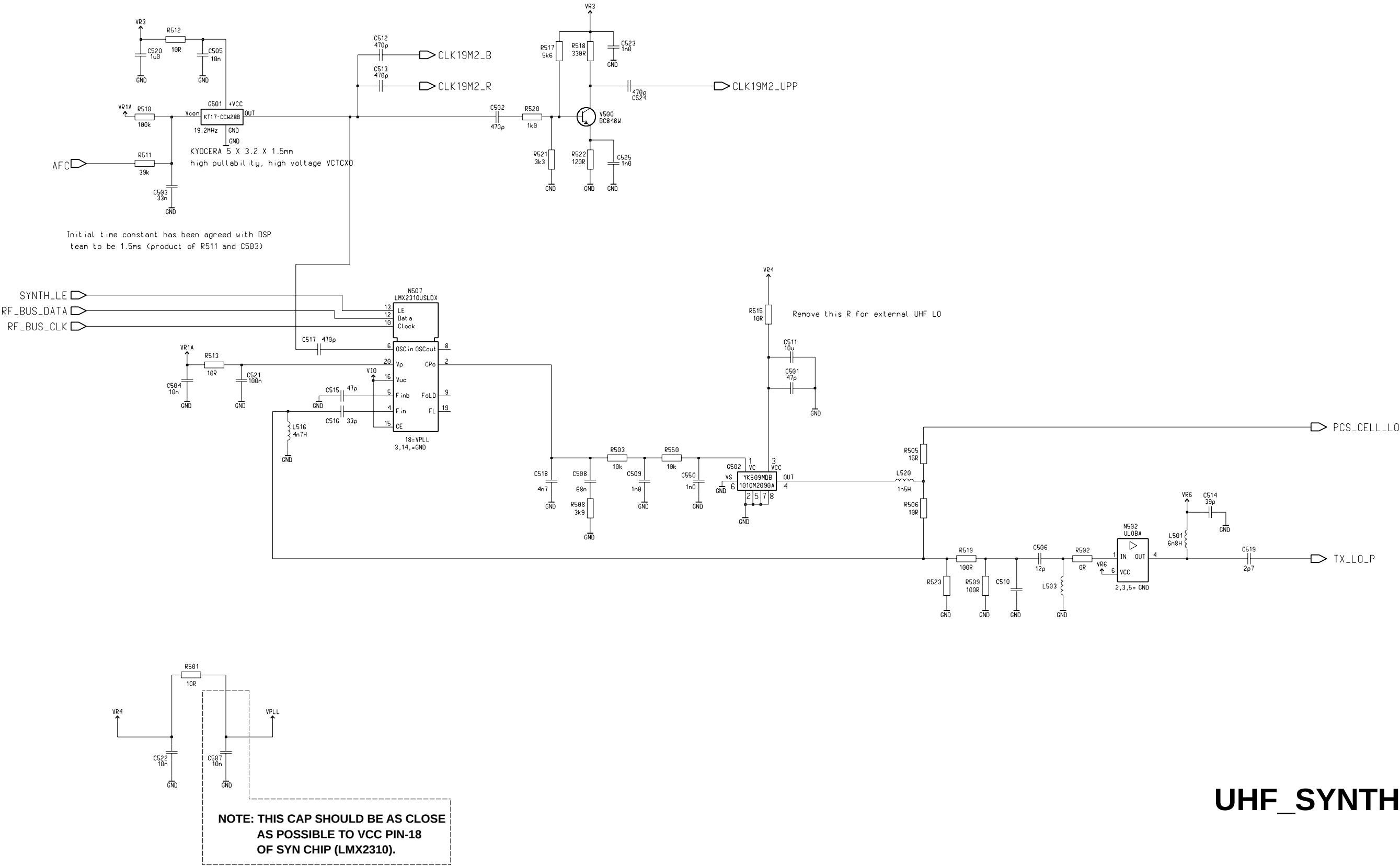
Sheet 19



RF TOP

UHF Synthesizer

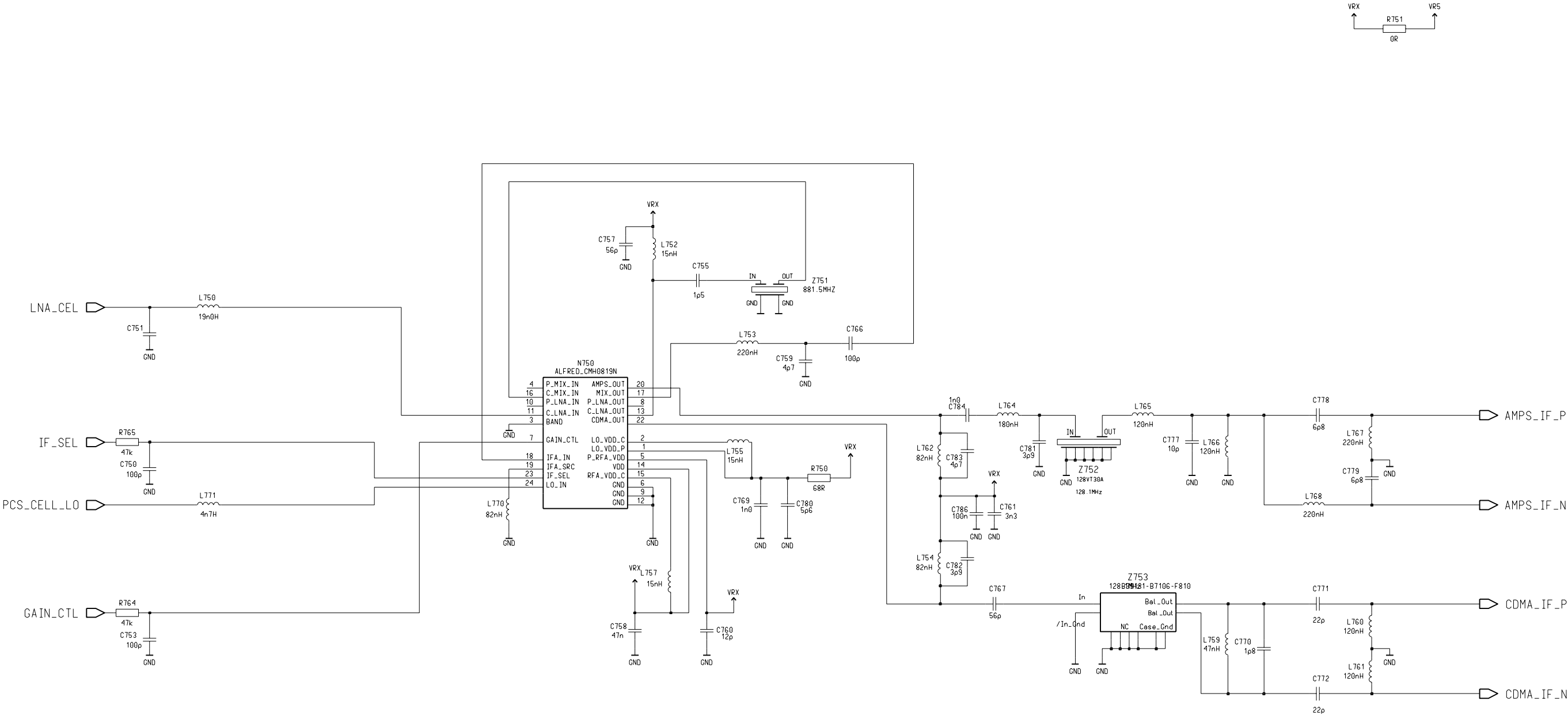
Sheet 20



UHF_SYNTH

RX Front End

Sheet 21



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

RX FRONT END

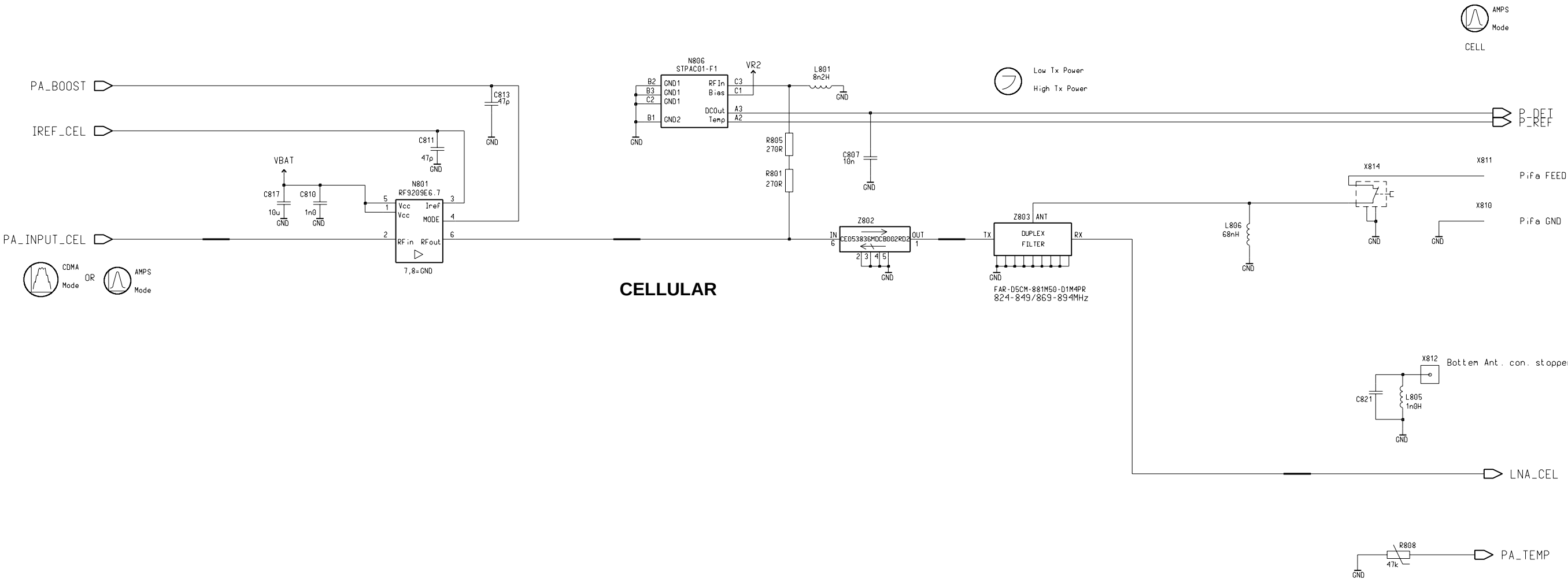


	VCO_BAND
Cell band	low (shorted to ground)

Ref.	Robin Conf ig	Horizon Conf ig
V601	Mount	
V602	Mount	
V603		Mount
V604		Mount
R632		0R
C638	10n	
R633		1K5
R609	1K5	
C613	330nF	33nF
R612		0R
R613	0R	
C612	22n	1n0
R607	2k2	2k2
R605	4k7	22k
C632	1n0	100p
C631	3p3	2p2

PA

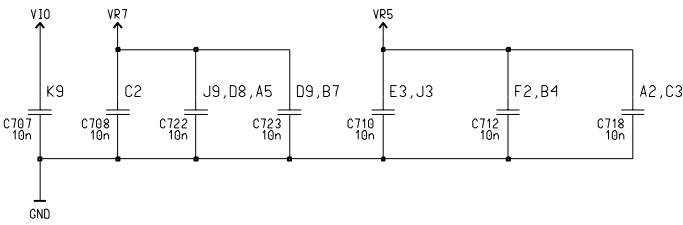
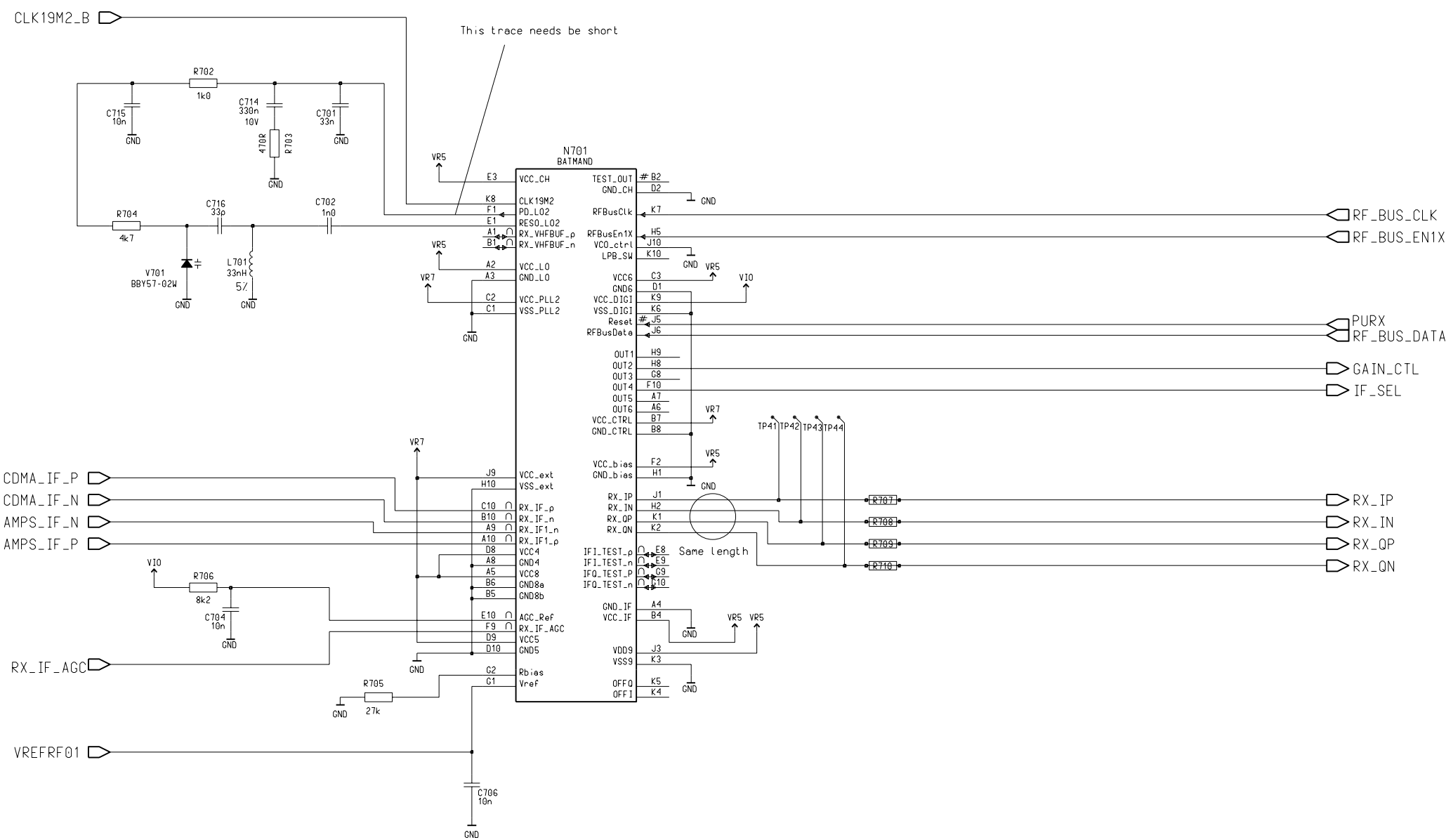
Sheet 23



PA

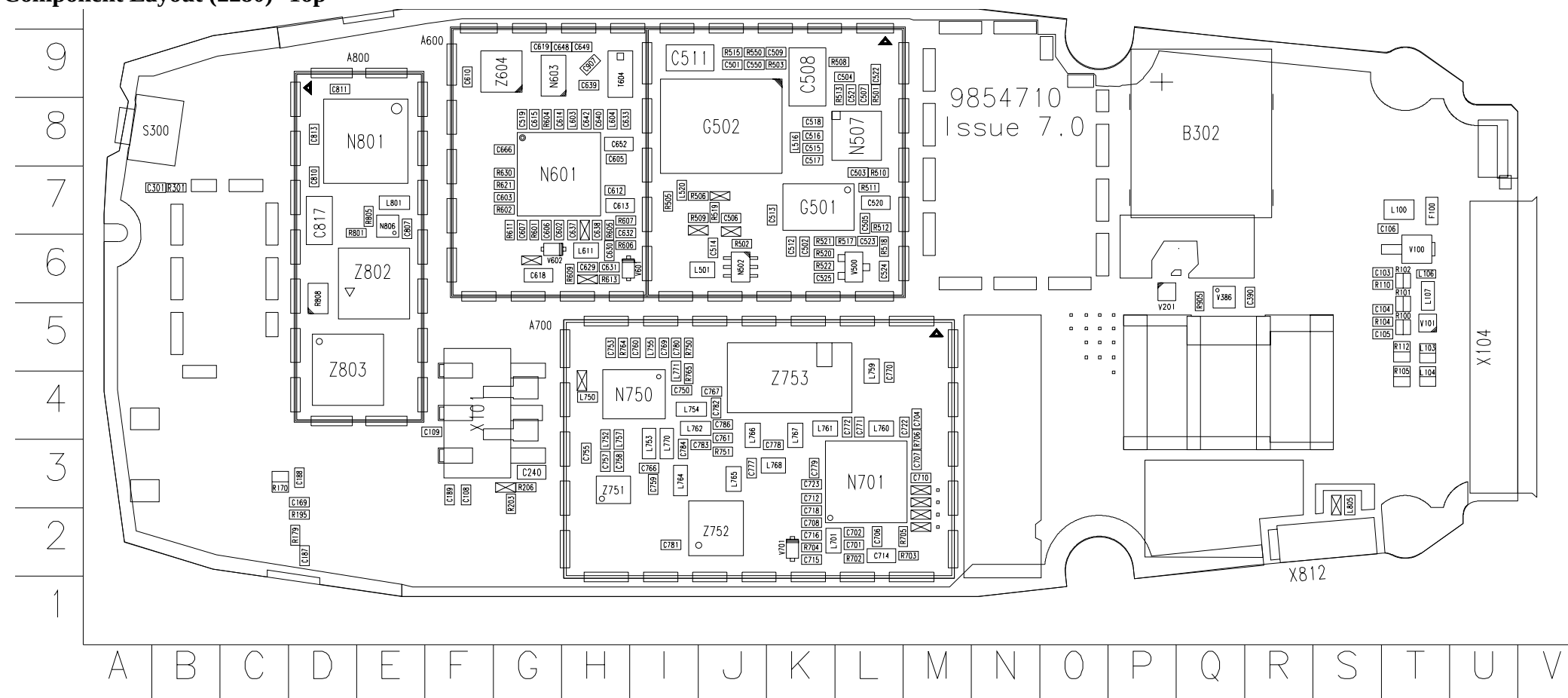
Batman RX

Sheet 24

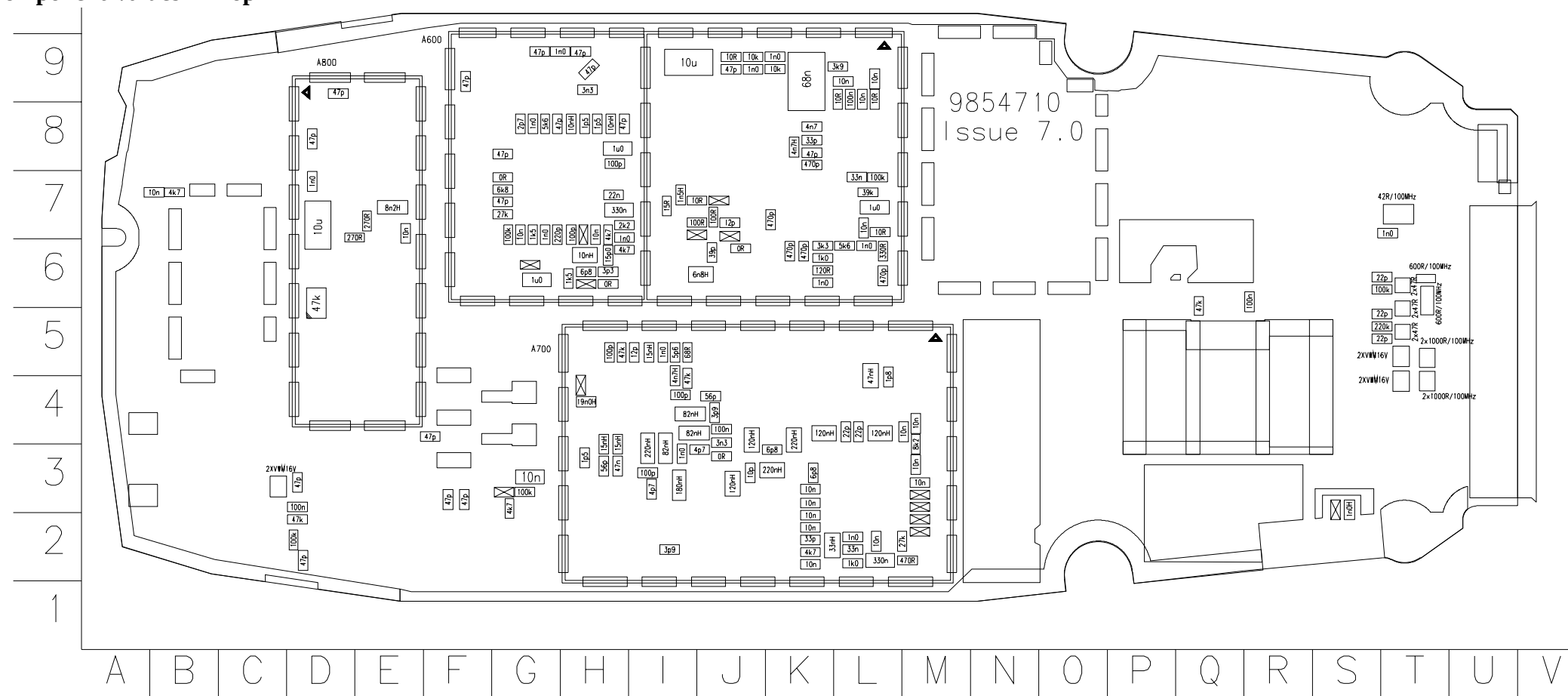


BATMAN
(RX)

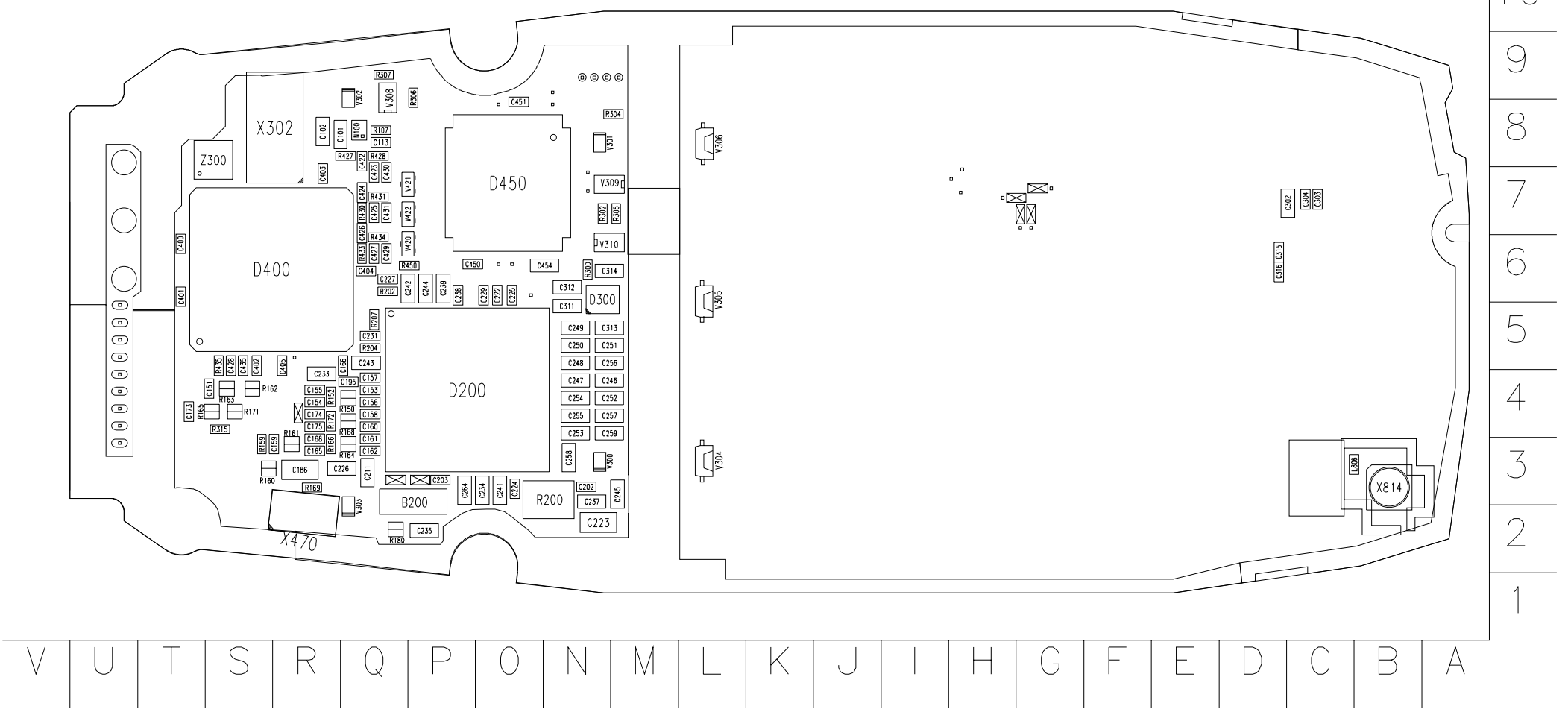
Component Layout (2280)- Top



Component Values — Top



Component Layout (2280) - Bottom



Component Values — Bottom

