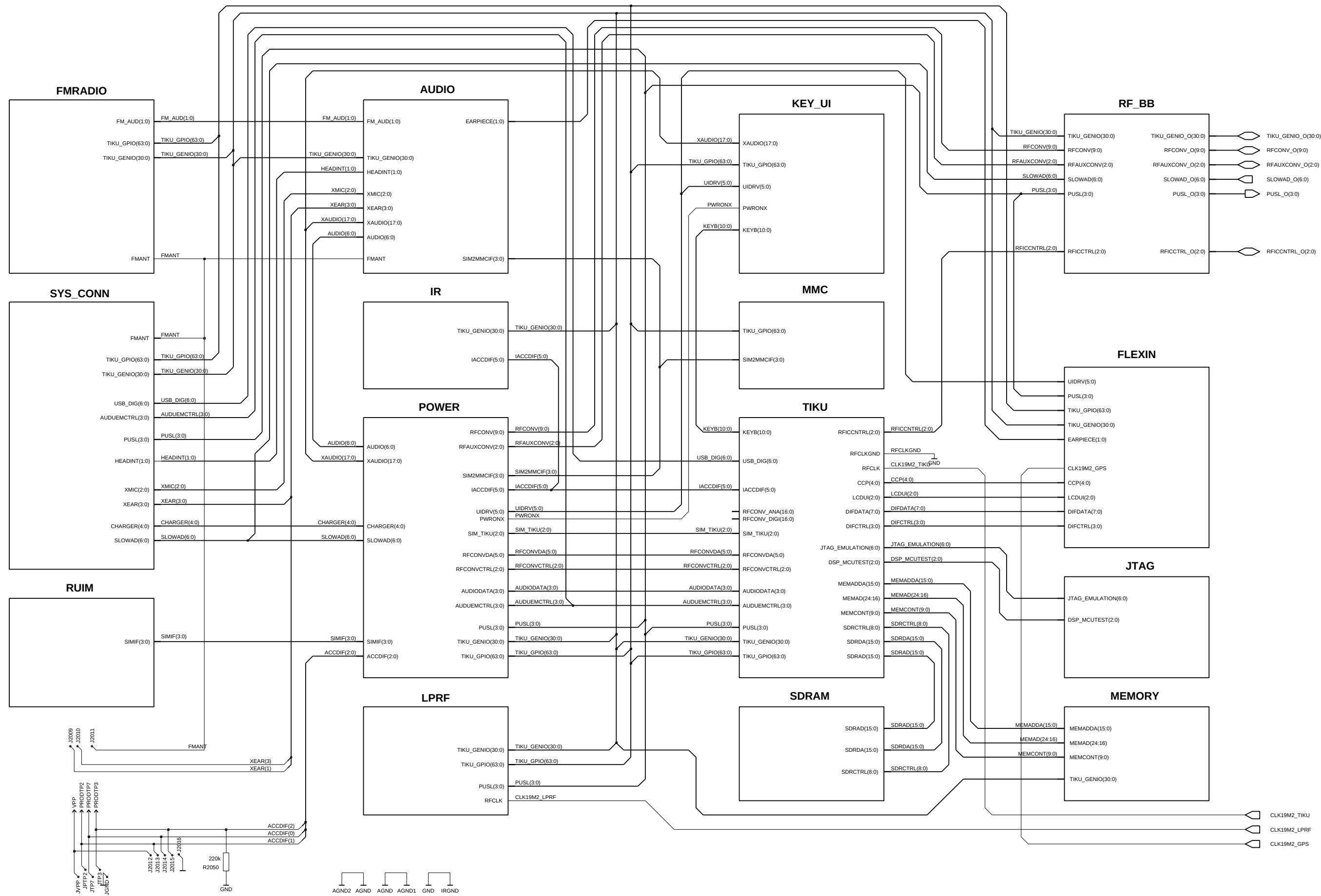
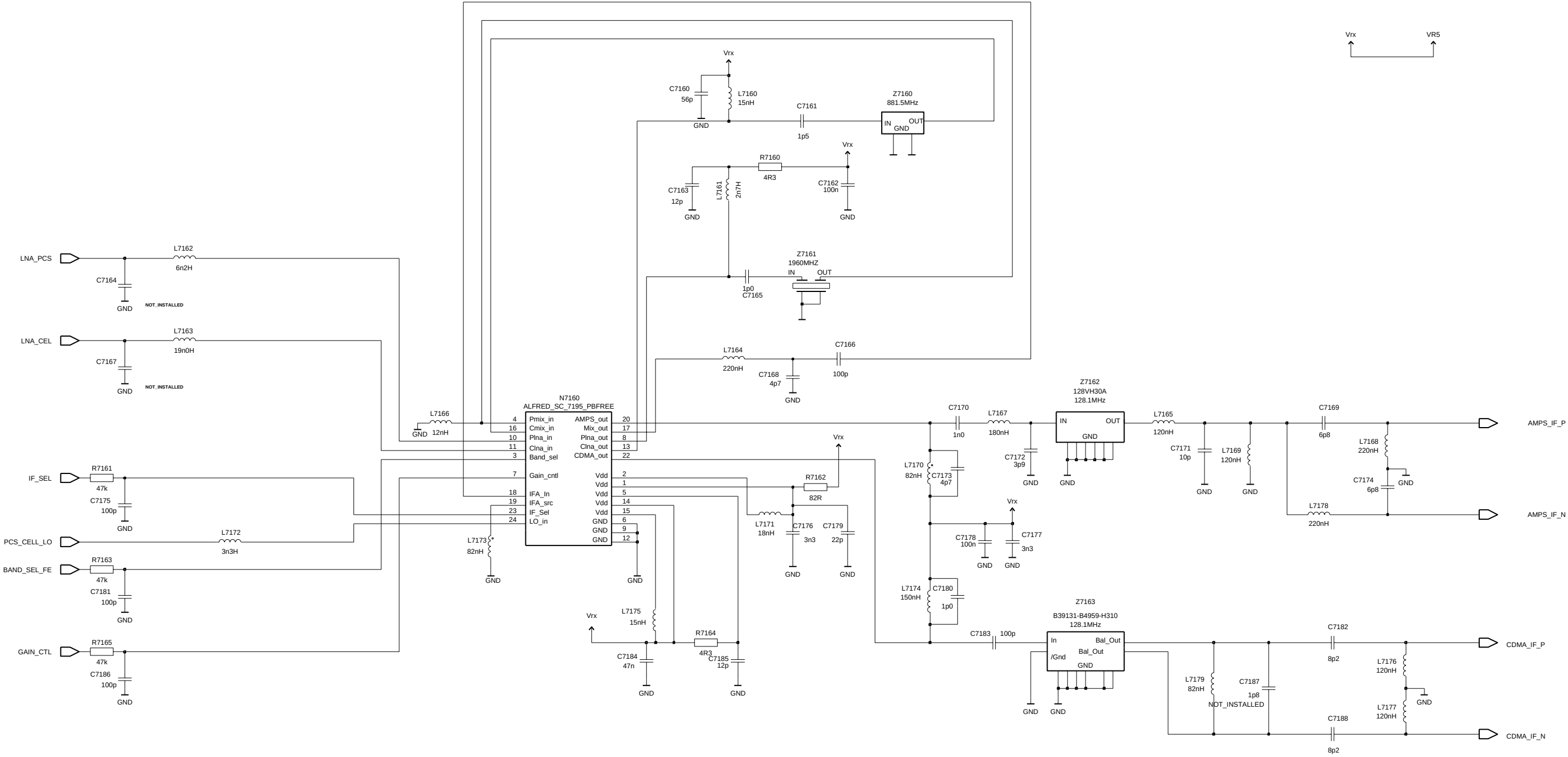


6255/6255i/6256/6256i (RM-19) Schematics - Main PWB

Baseband - Top

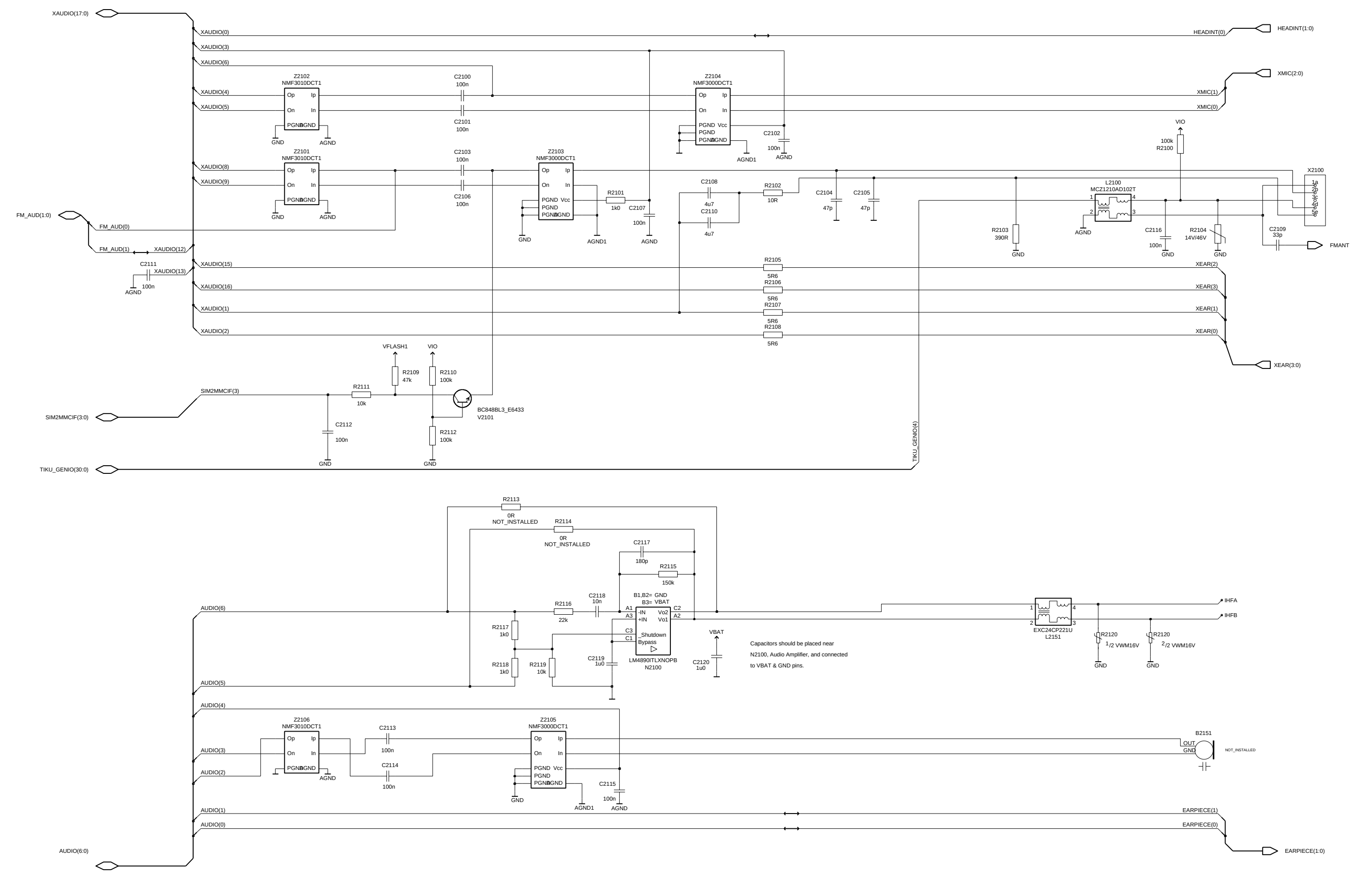


Front End

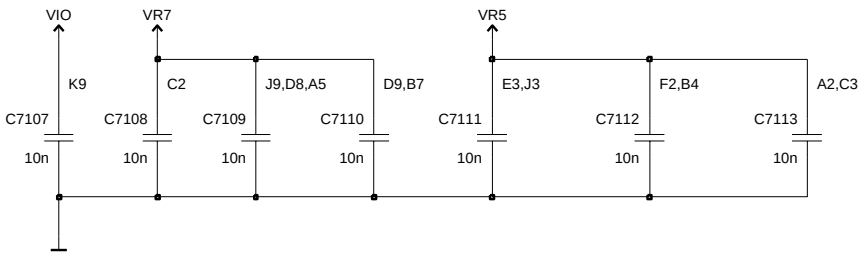
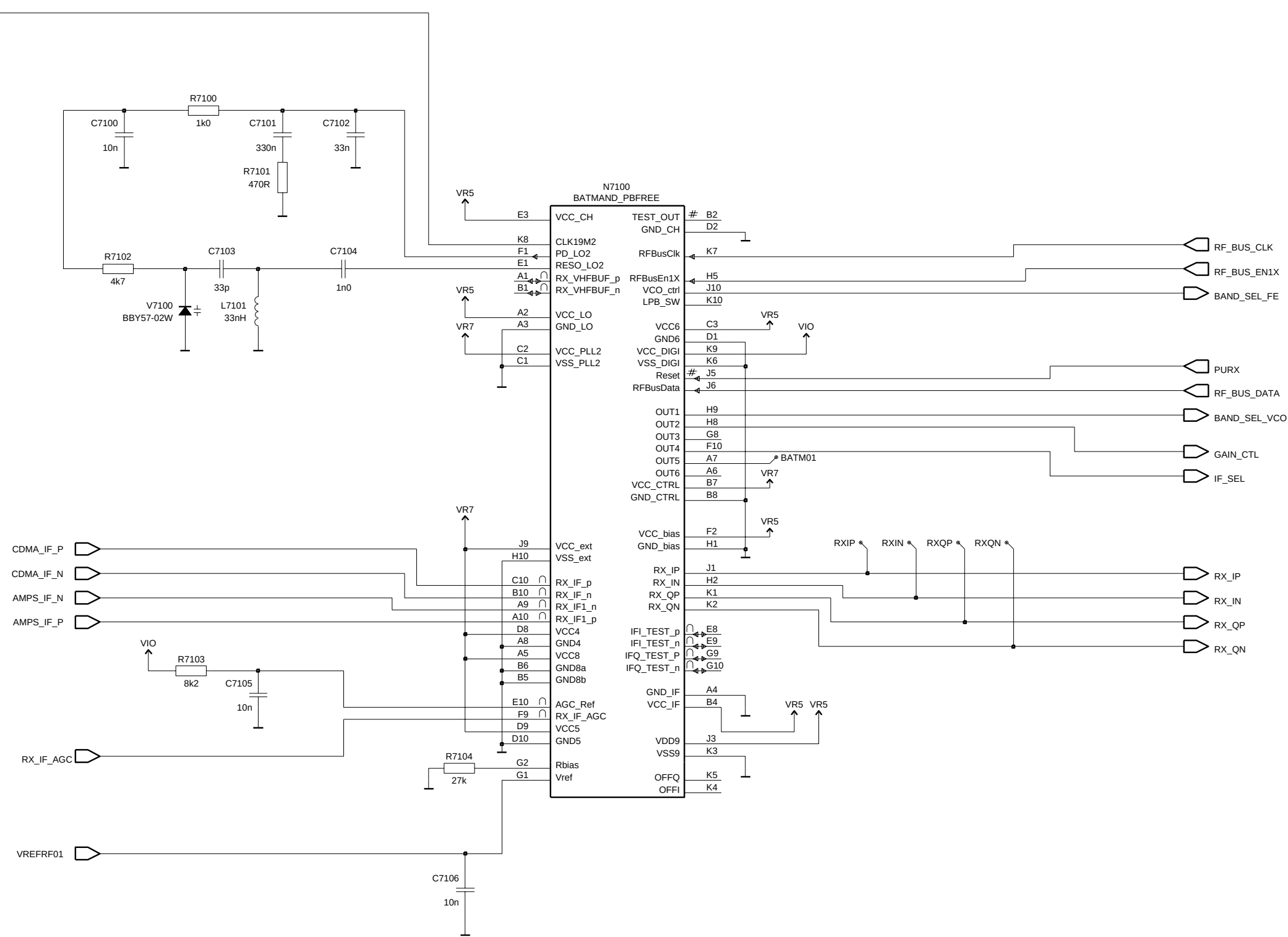


MODES	LOGIC INPUTS		
	BAND	GAIN_CTL	IF_SEL
CEL CDMA Hi Gain	0	1	0
CEL CDMA Lo Gain	0	0	0
PCS CDMA Hi Gain	1	1	0
PCS CDMA Lo Gain	1	0	0
AMPS Hi Gain	0	1	1
AMPS Lo Gain	0	0	1

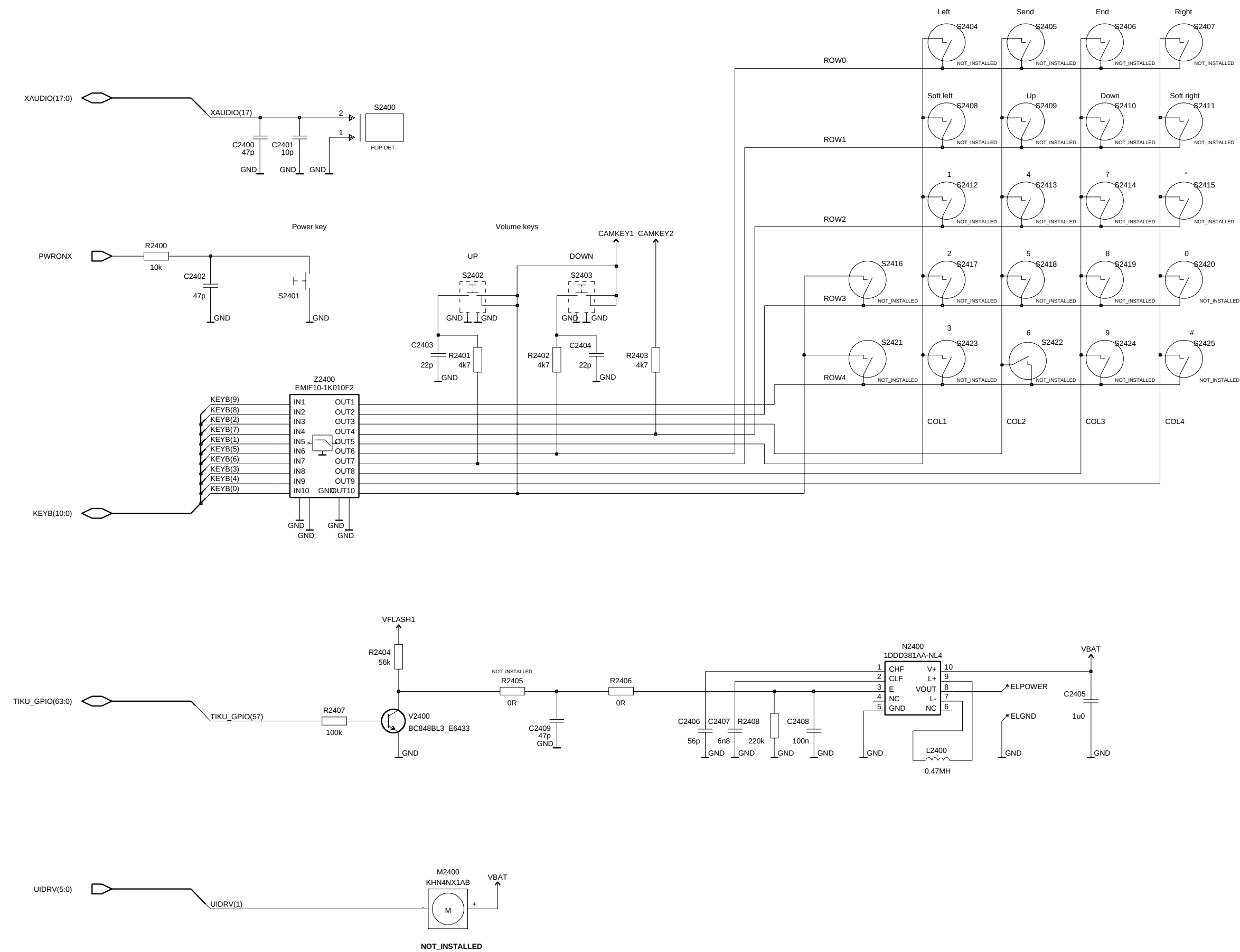
Audio



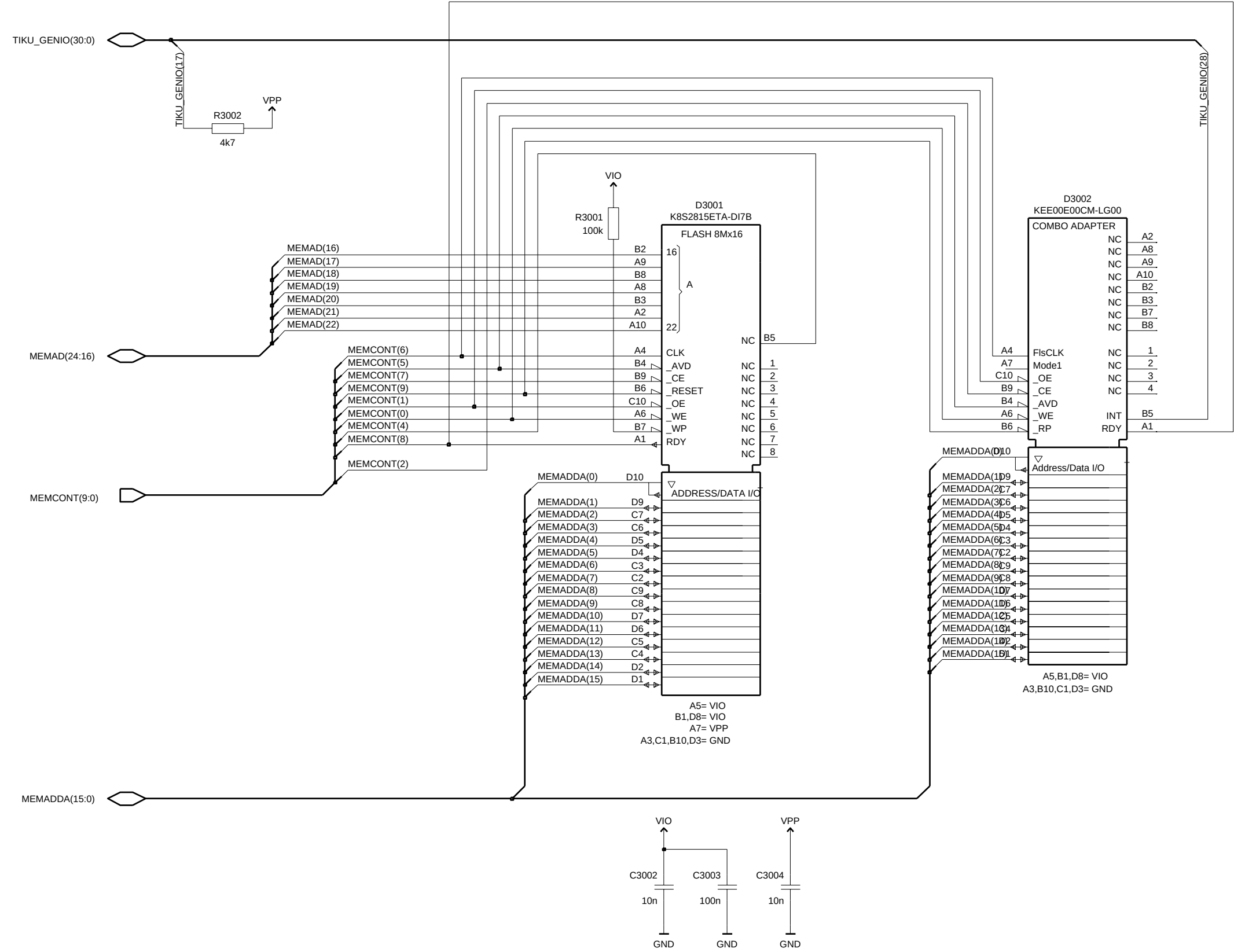
N7100 Rx Downconverter



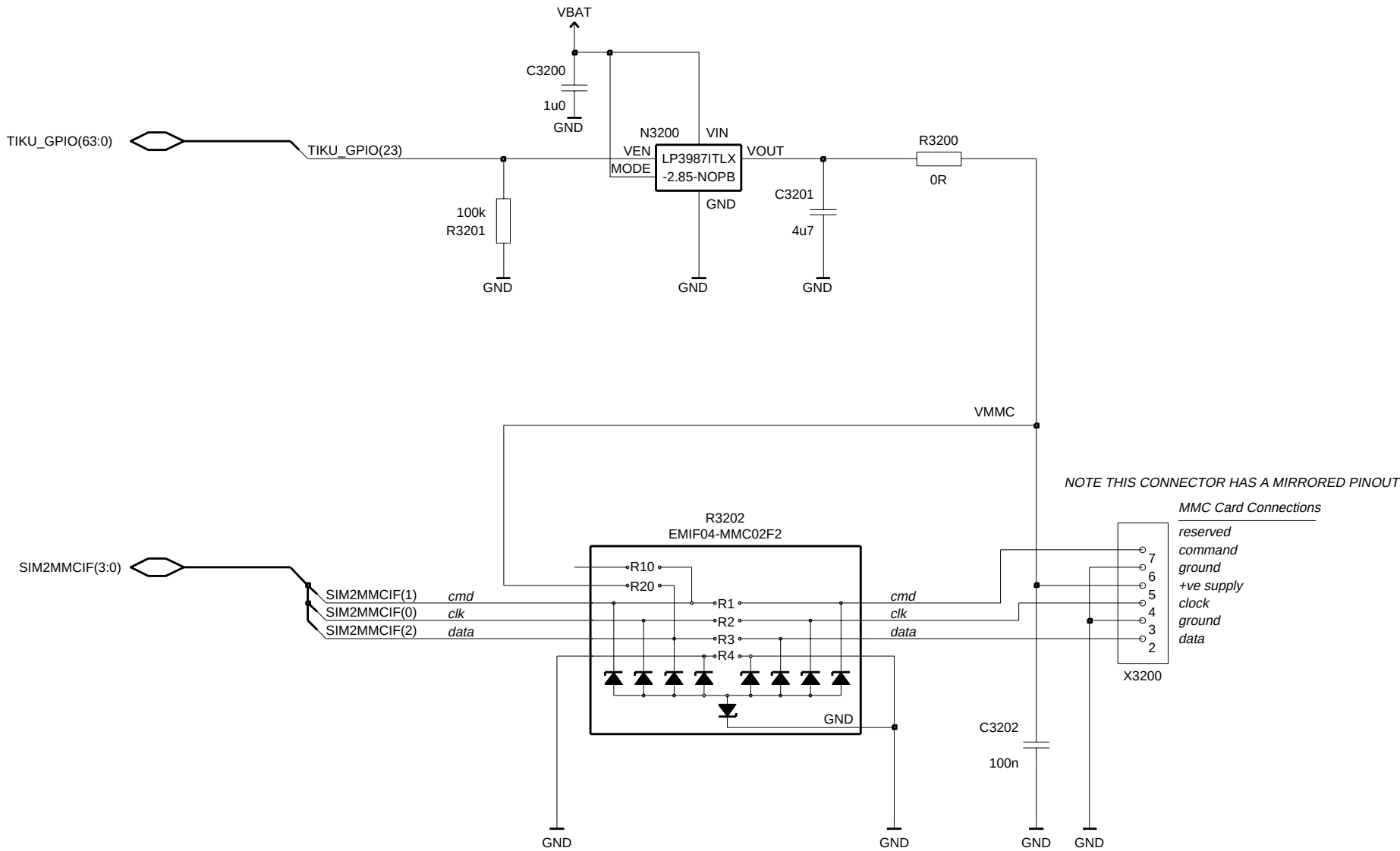
Key UI



System Memory



MMC

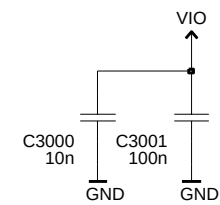


NOTE: The MMC specification imposes the following impedance limits

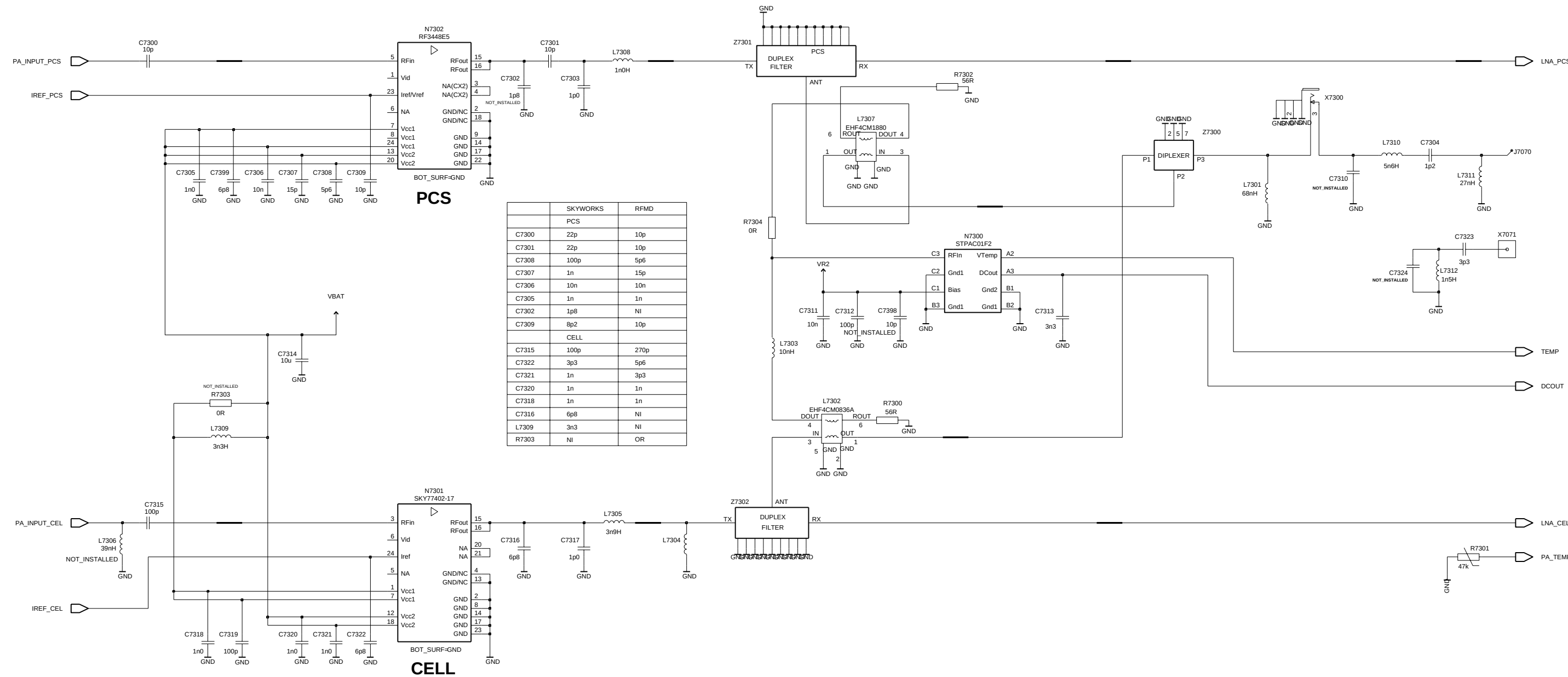
Command pullup resistance 4.7k to 100k
Data pullup resistance 50k to 100k

EMIF02-MMC R10=13k (therefore only suitable for command line)
EMIF02-MMC R20=56k (therefore only suitable for data line)
EMIF02-MMC R1/R2/R3/R4=47R

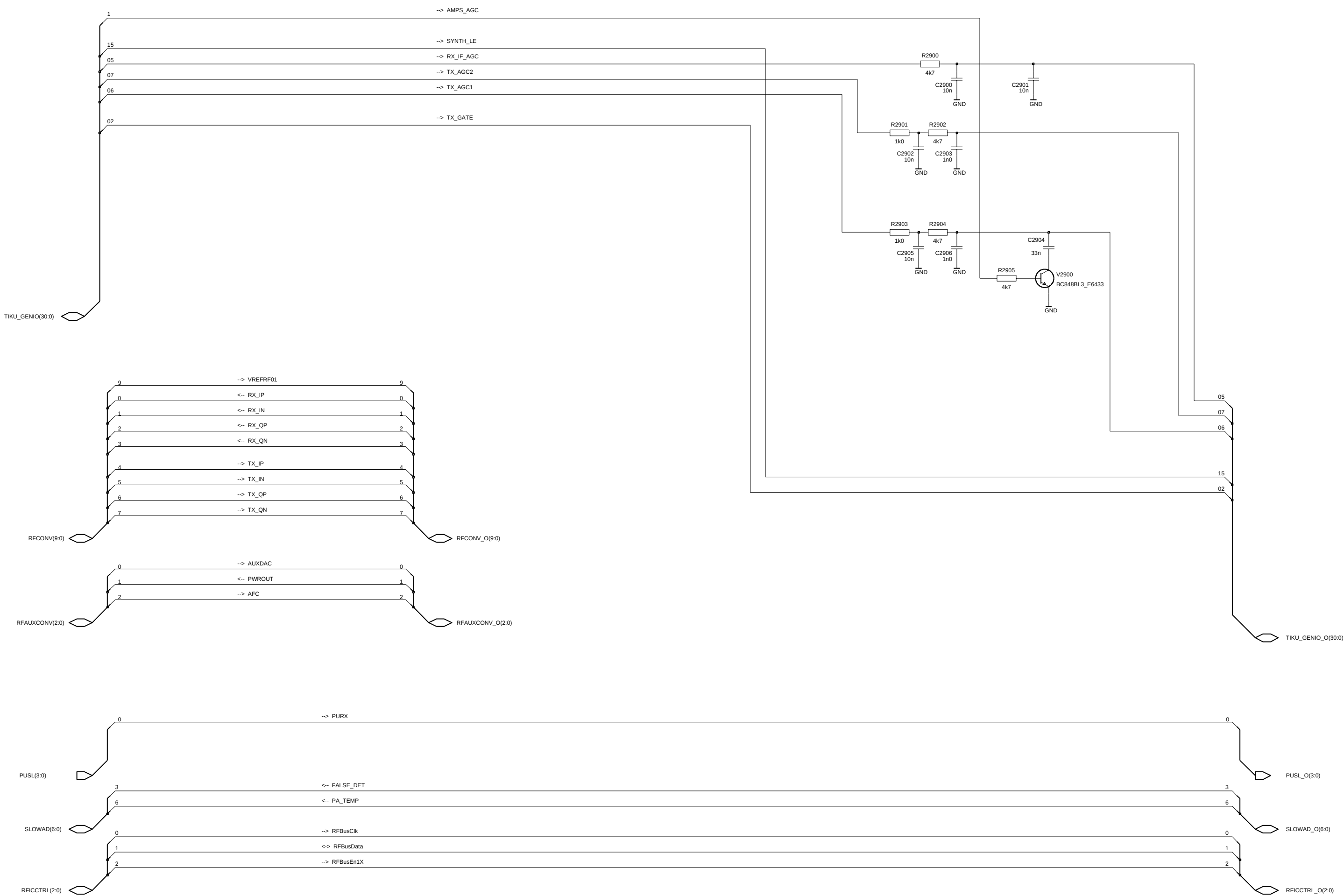
UEME includes a 13k pullup between GEN28IO2 (command) and VAUX1
so EMIF02-MMC R10 is left unconnected. UEME has no pullup on GEN28IO3 (MMC data)



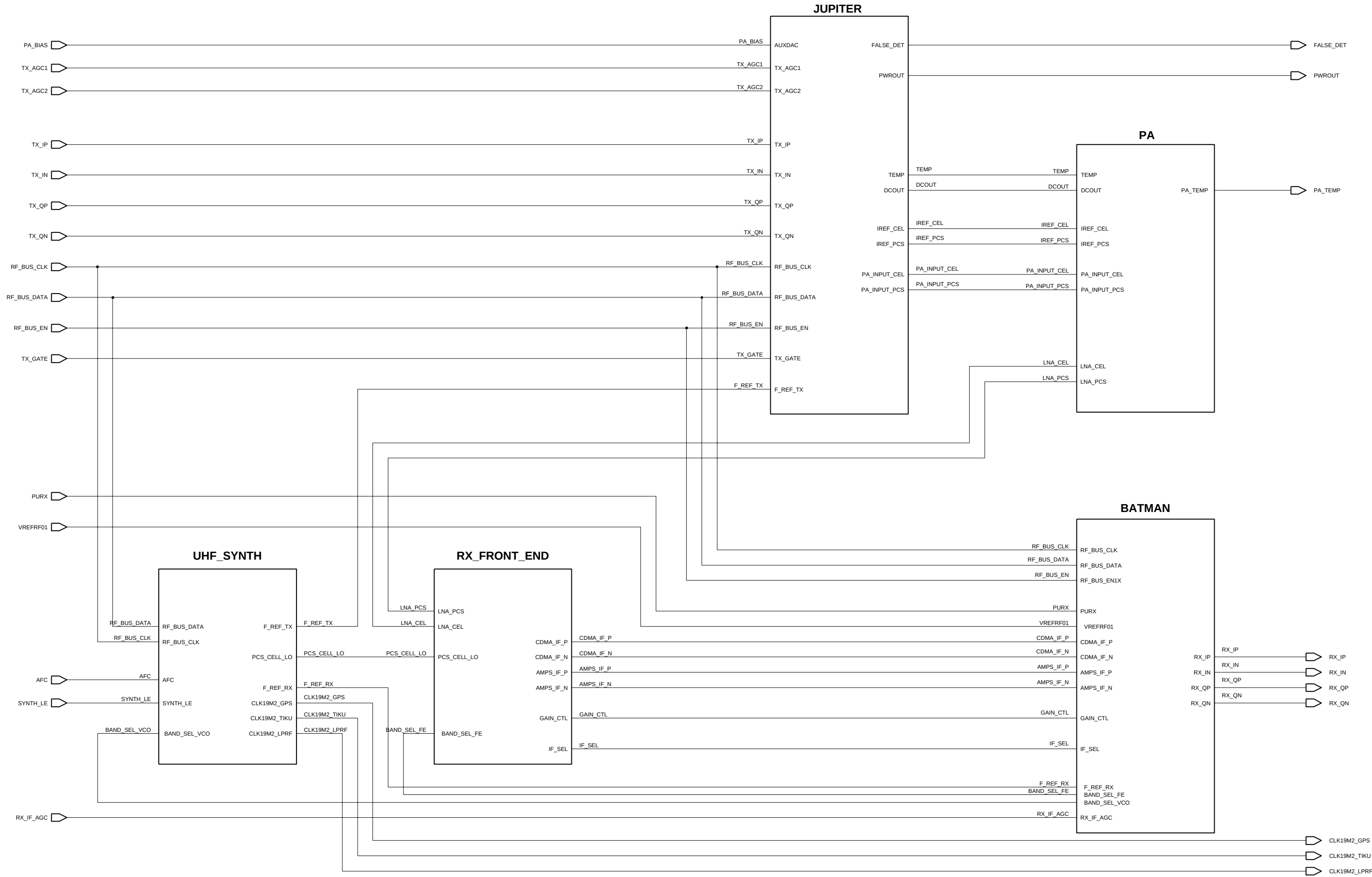
PA



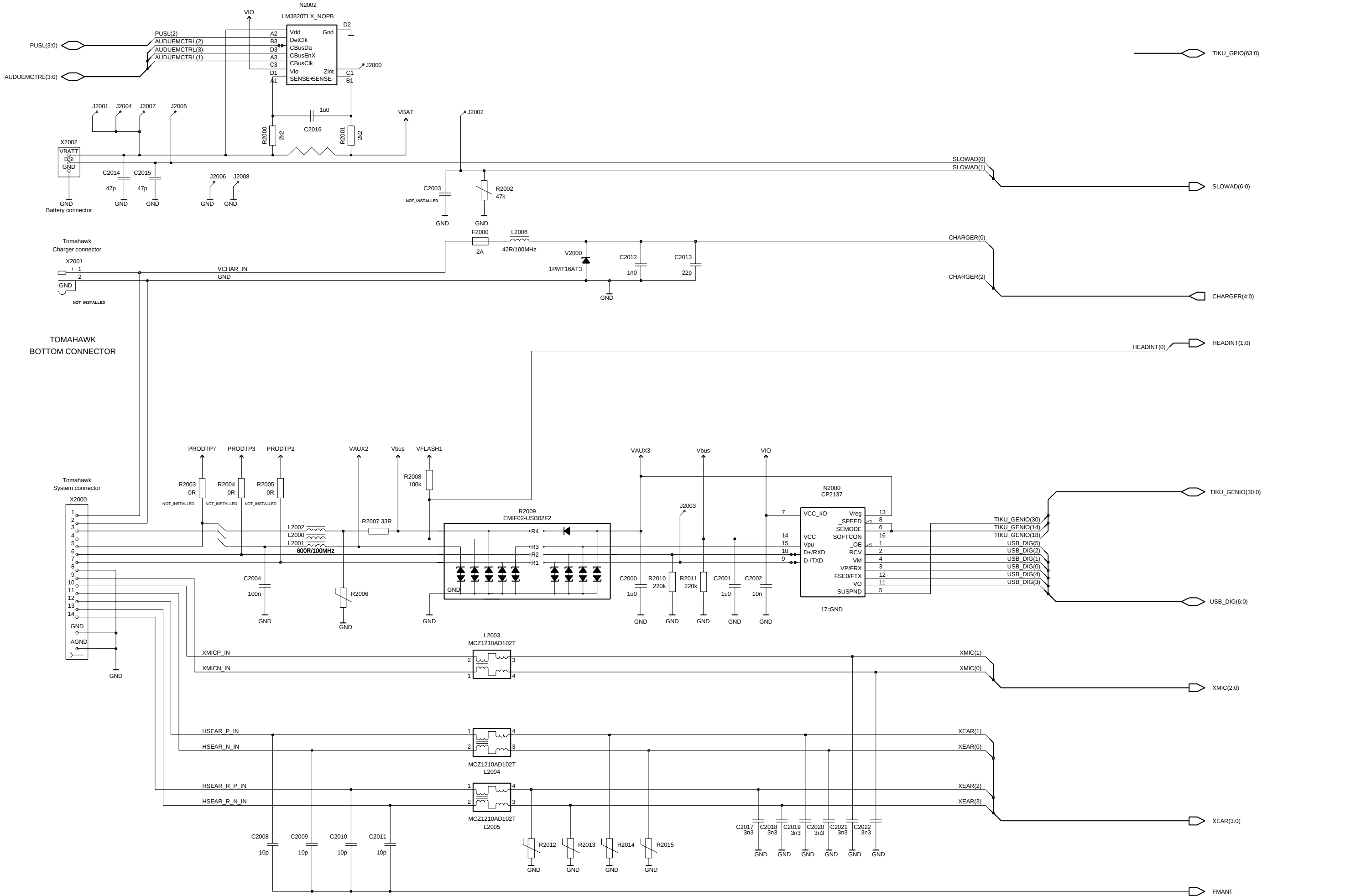
RF-BB Interface



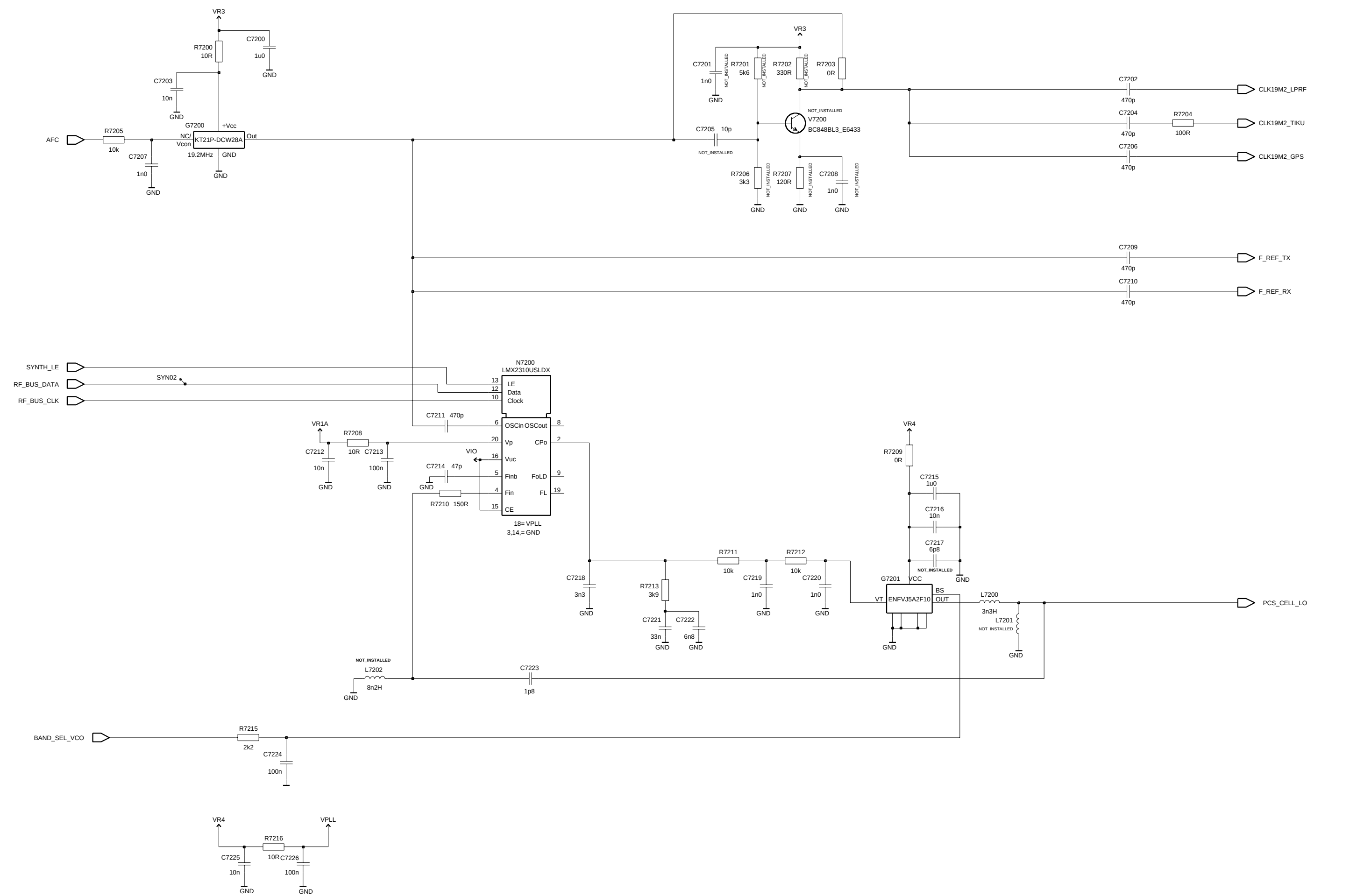
RF - Top



System Connector



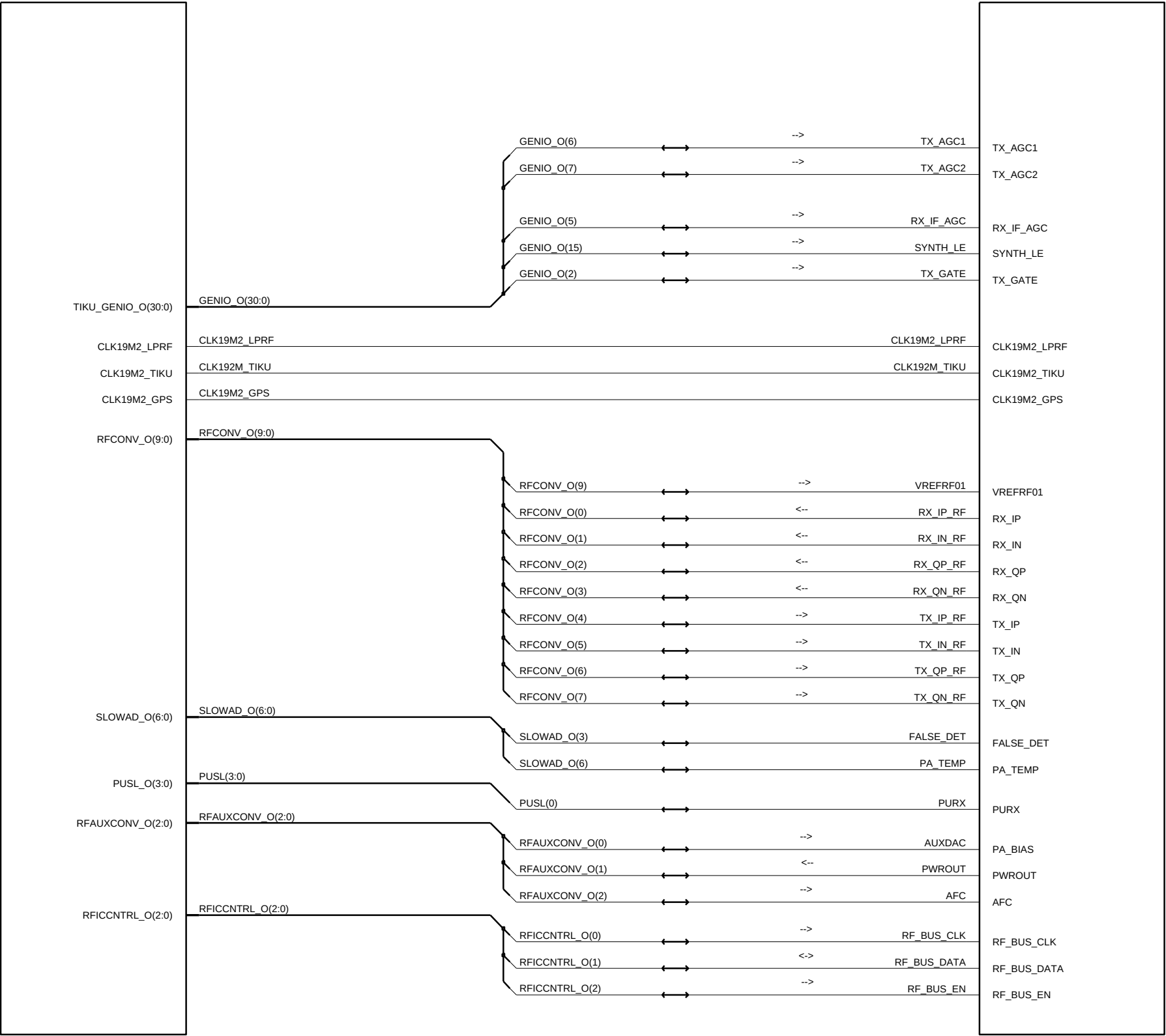
UHF Synthesizer



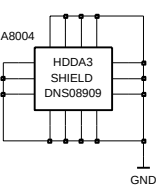
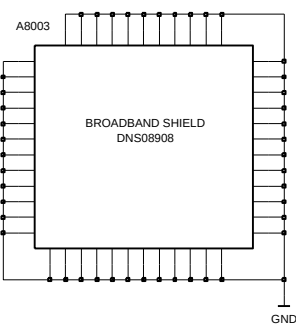
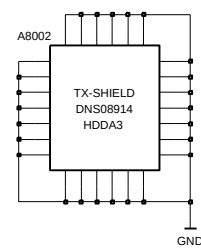
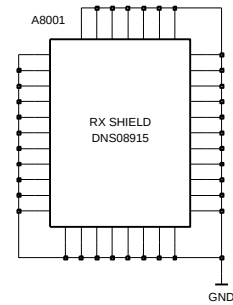
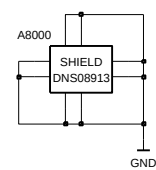
Top Level - Part 1

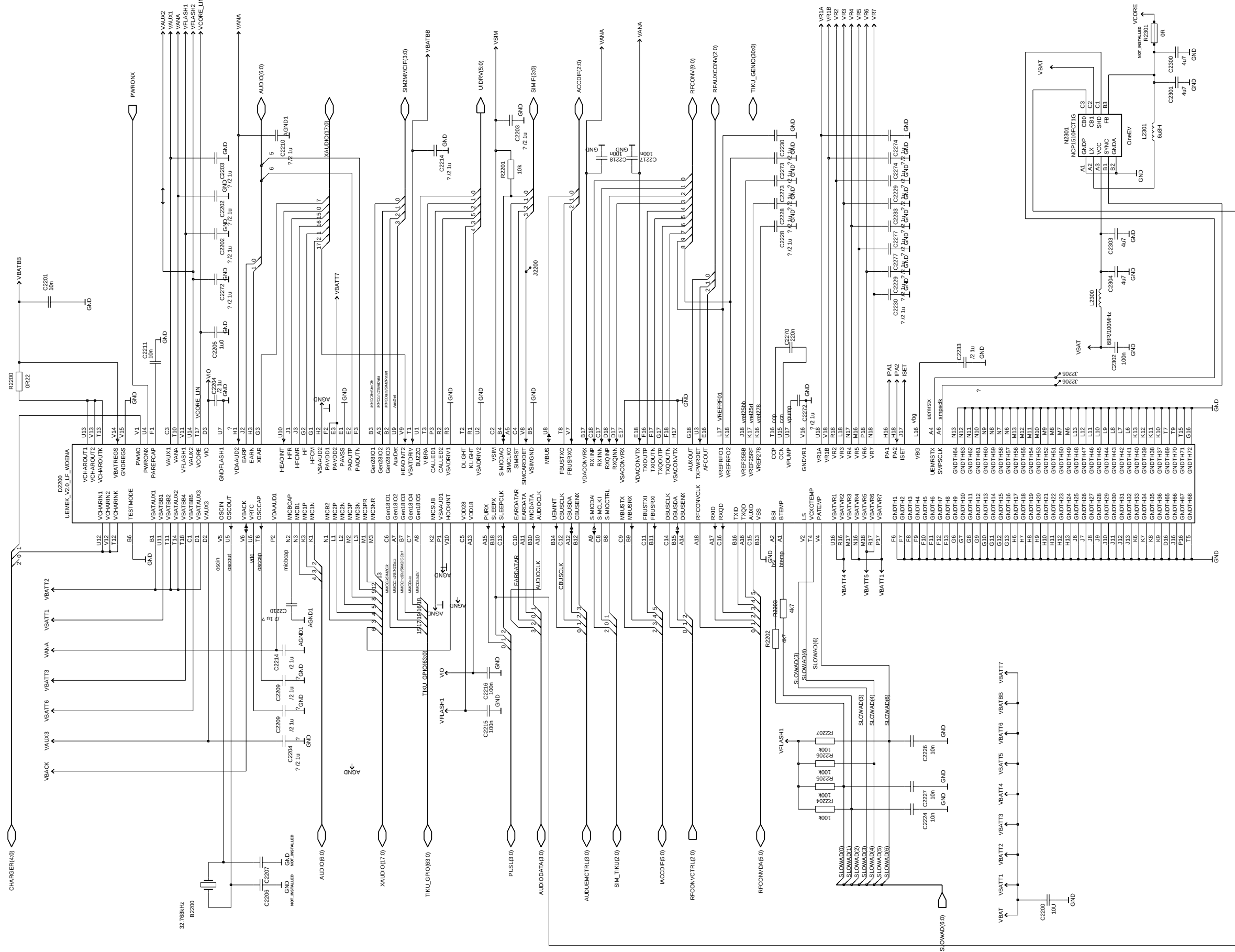
SYS

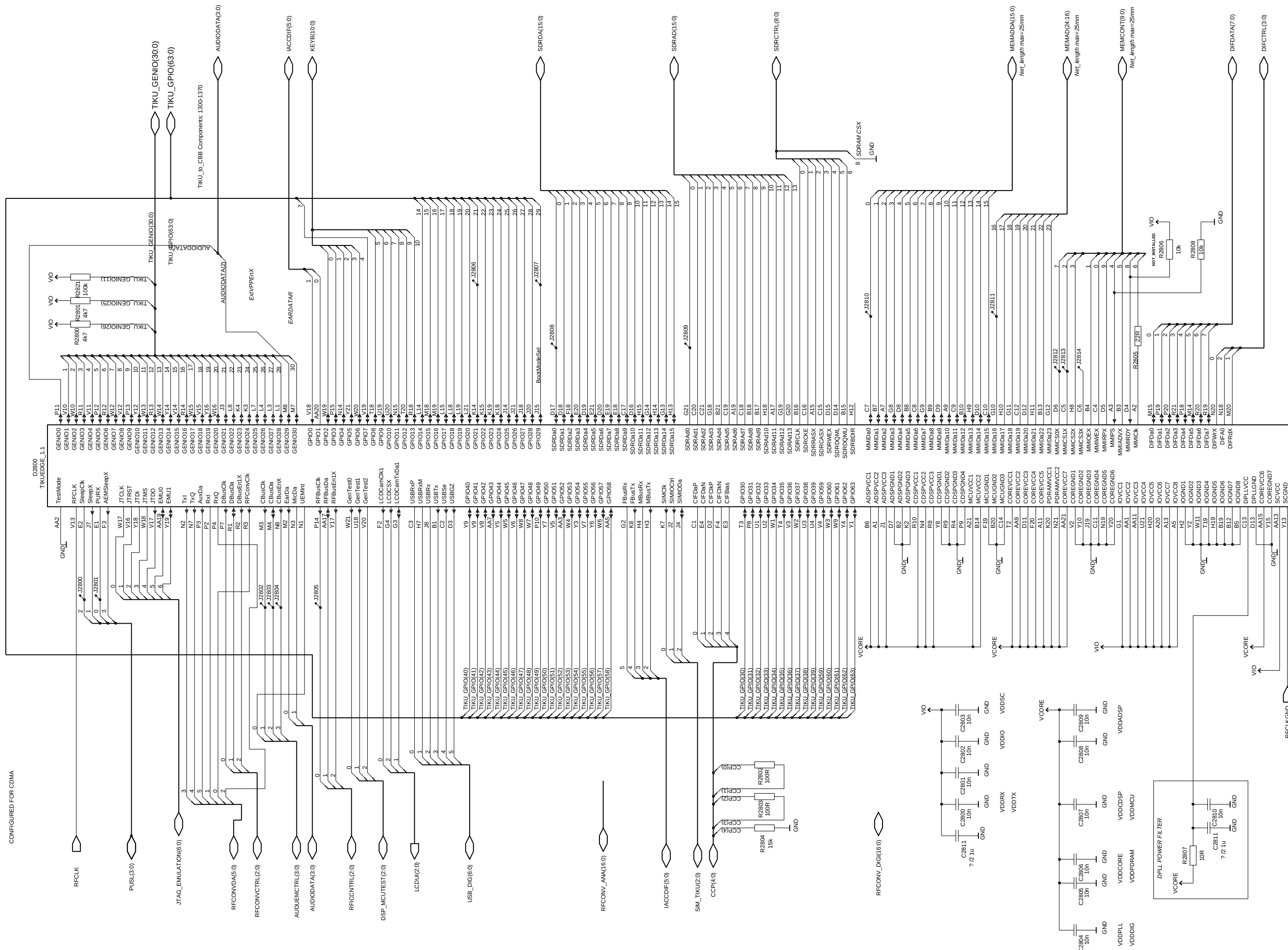
RF



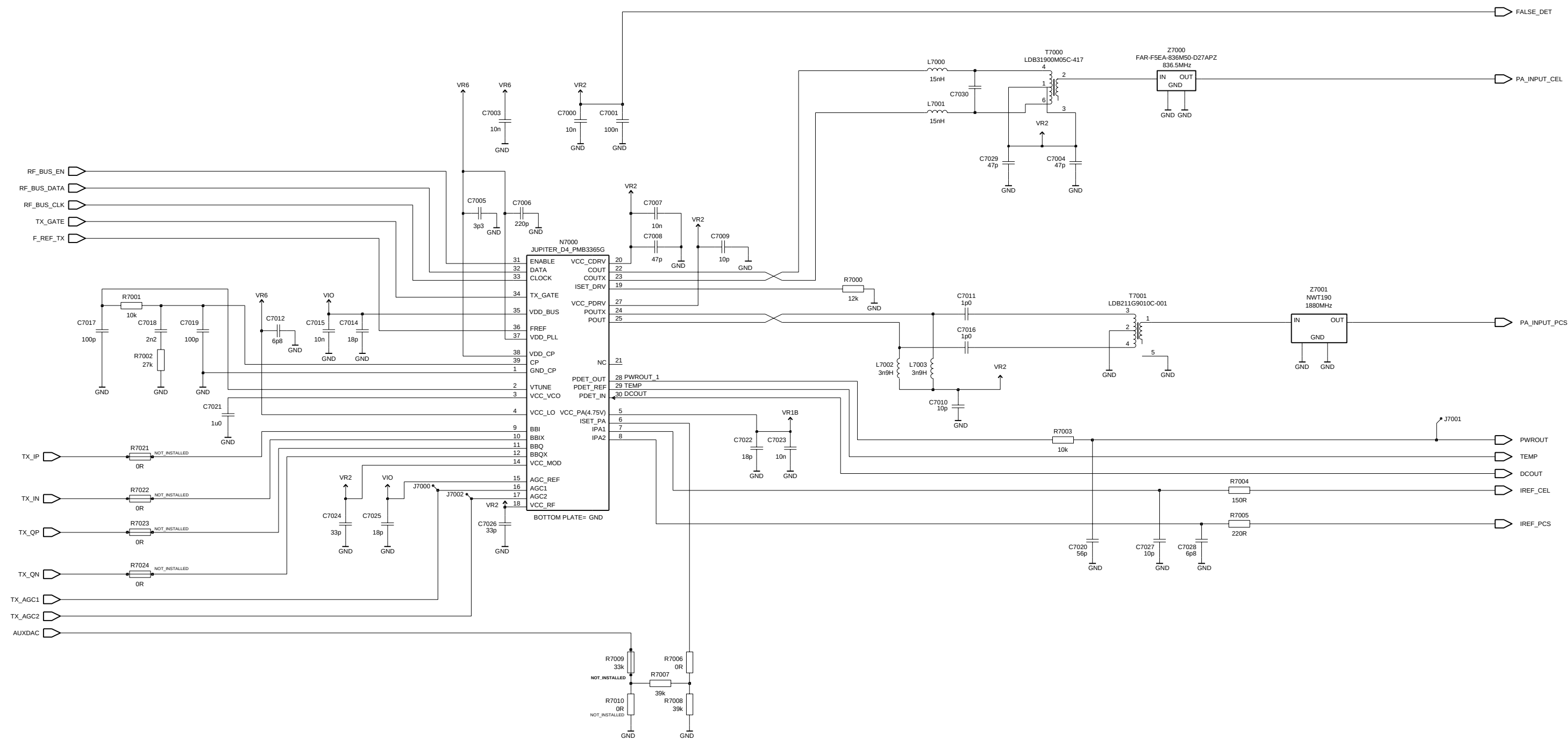
Top Level - Part 2



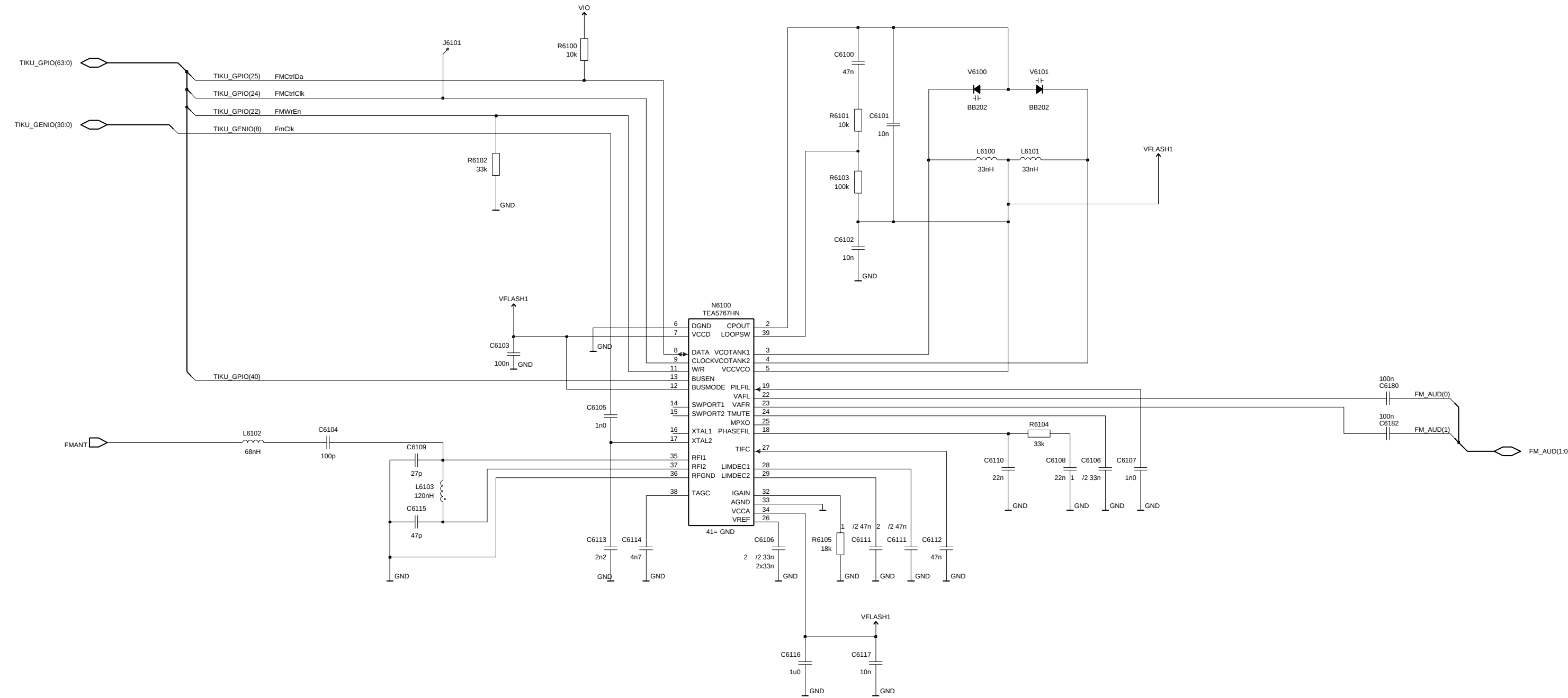




N7000 Tx Upconverter



FM Radio

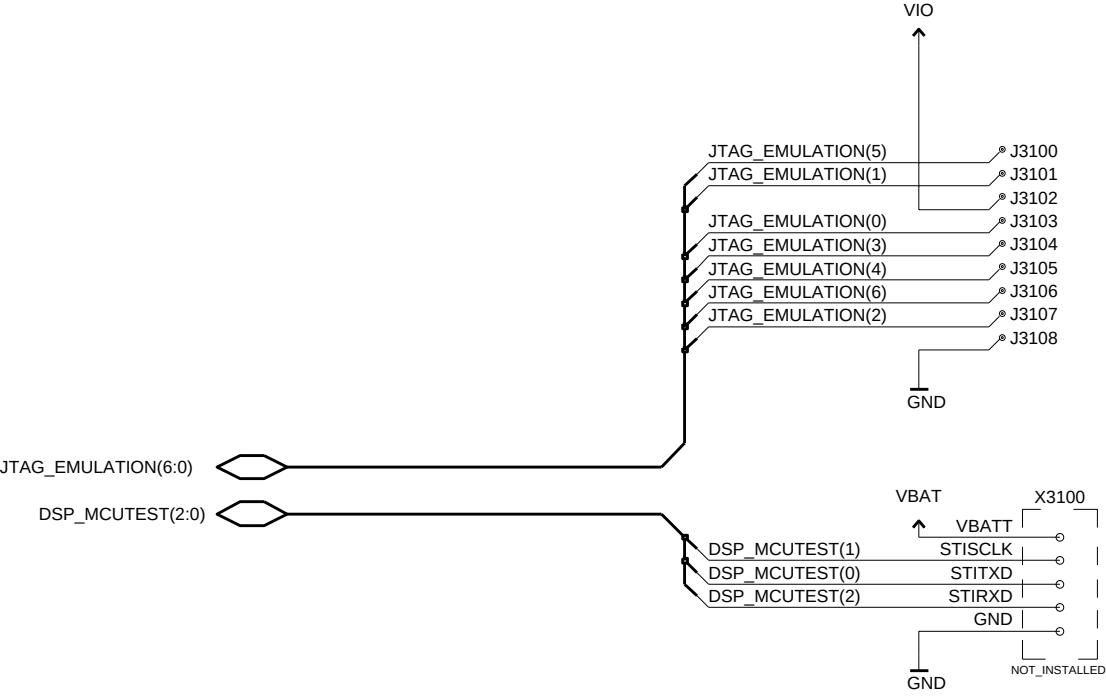


Notice:

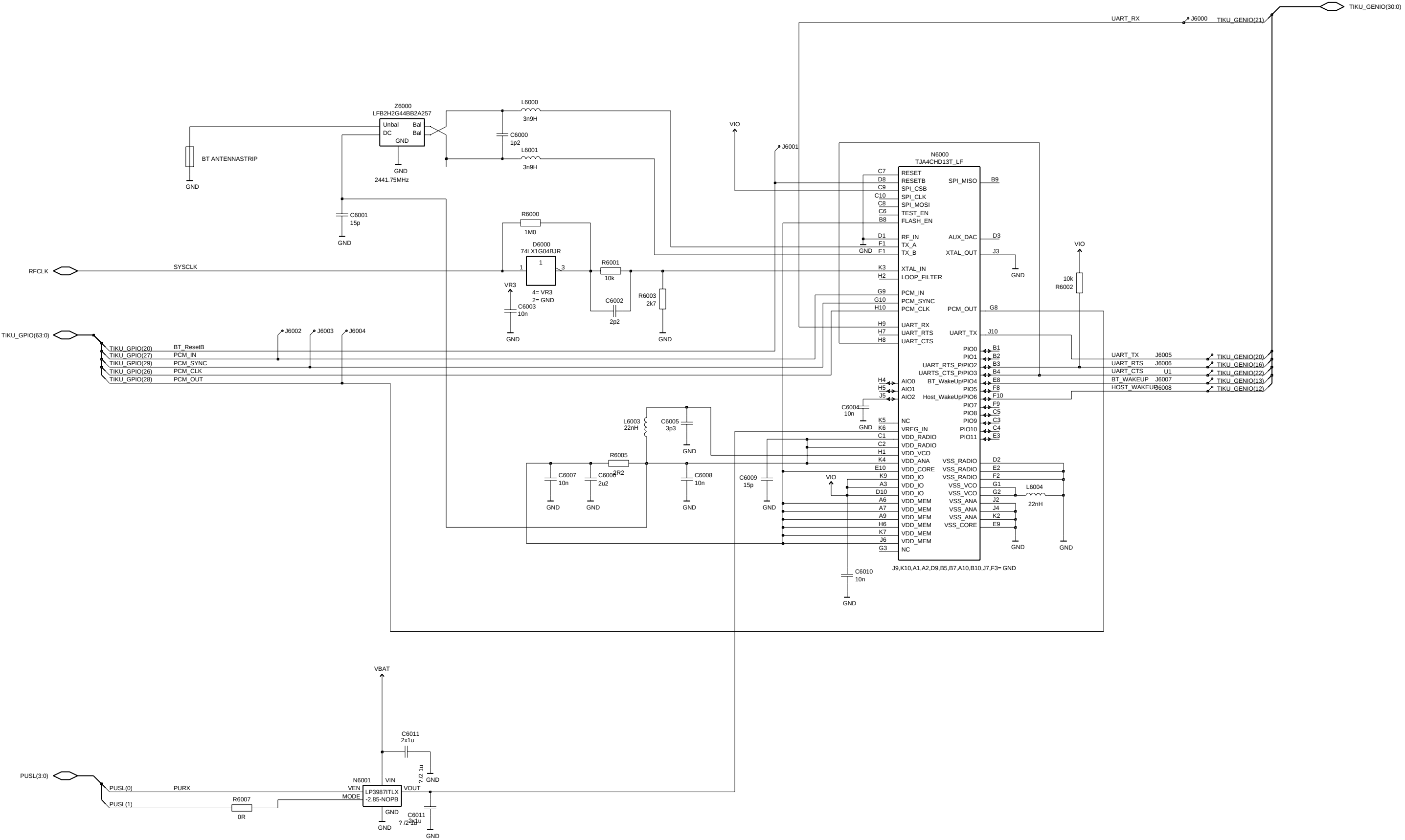
C374 (1n0) and C375 (2n2) are configured for 32kHz reference clock

If reference clock is 6.5MHz, use C374 (3p9) and C375 (10p)

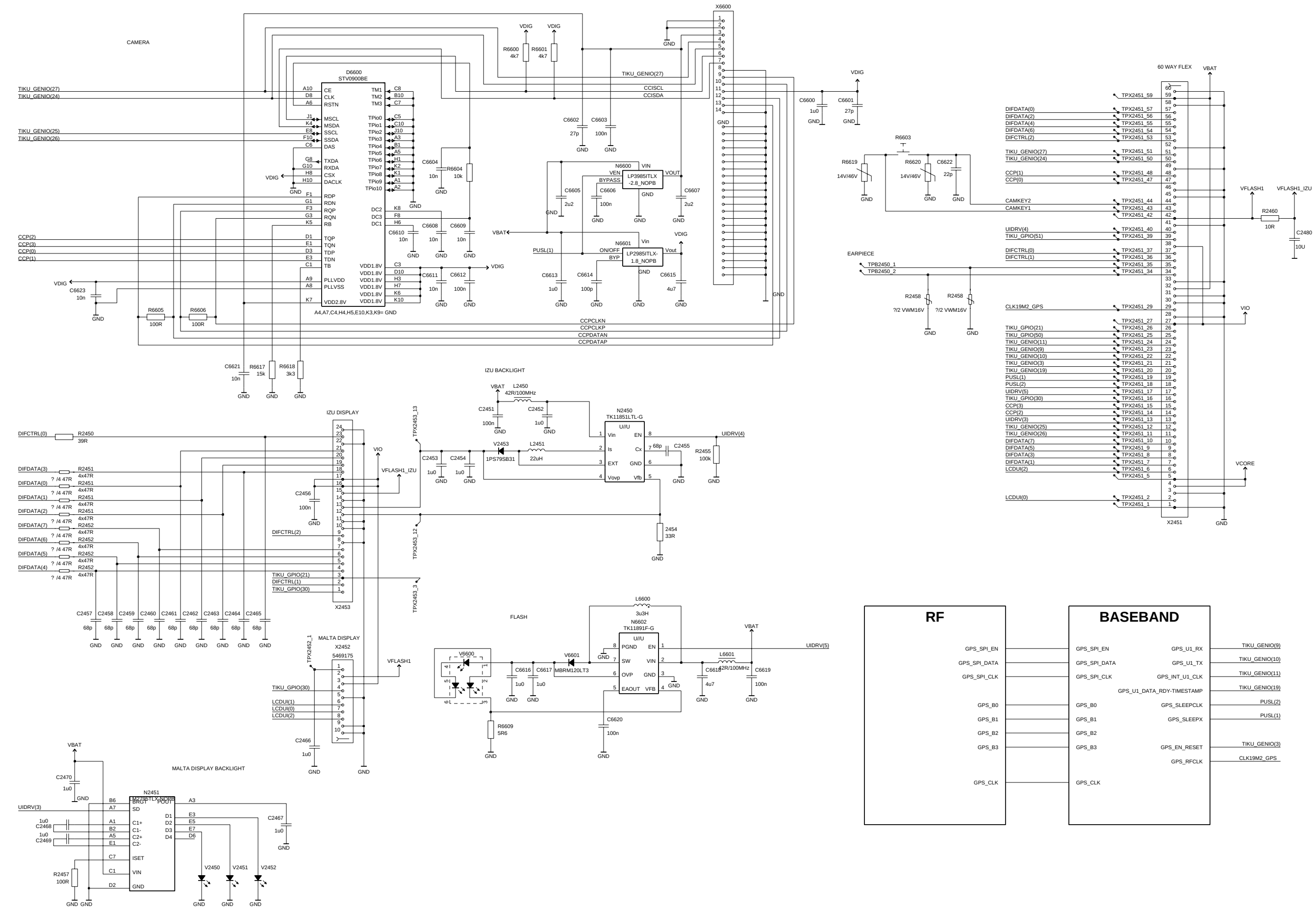
J-Tag



Low Power Radio Frequency (LPRF)

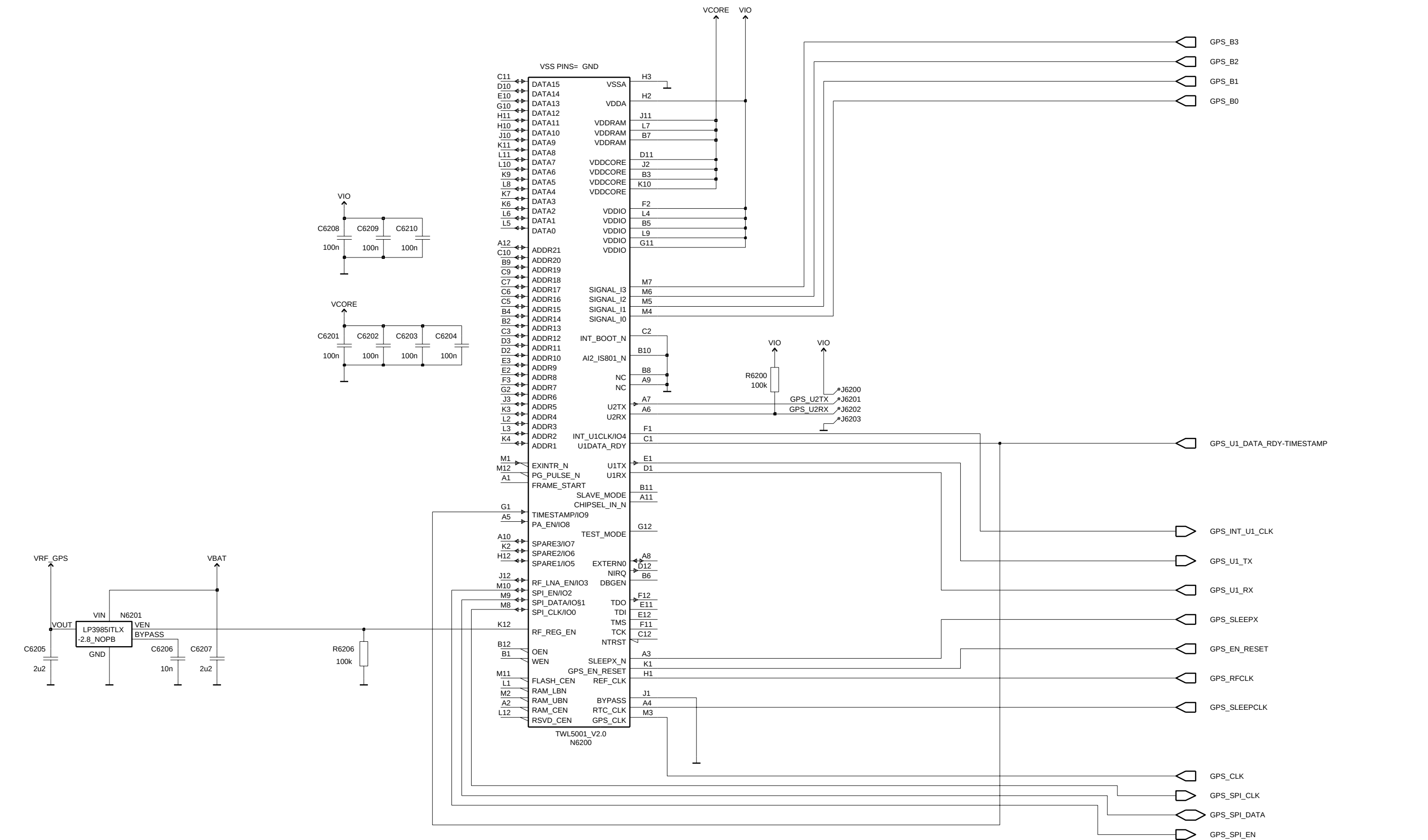


GPS Top Level

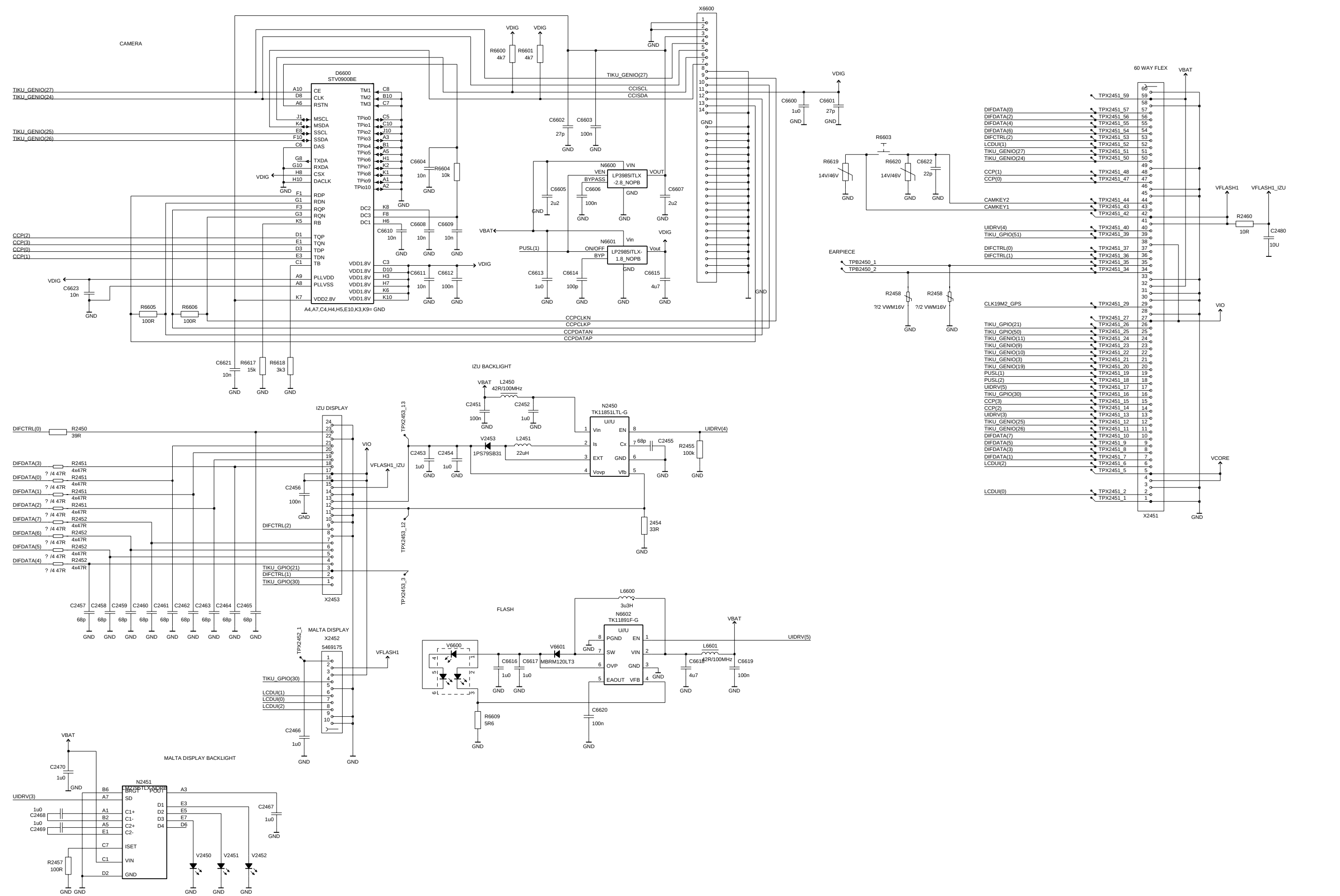


[illegible]

GPS BB



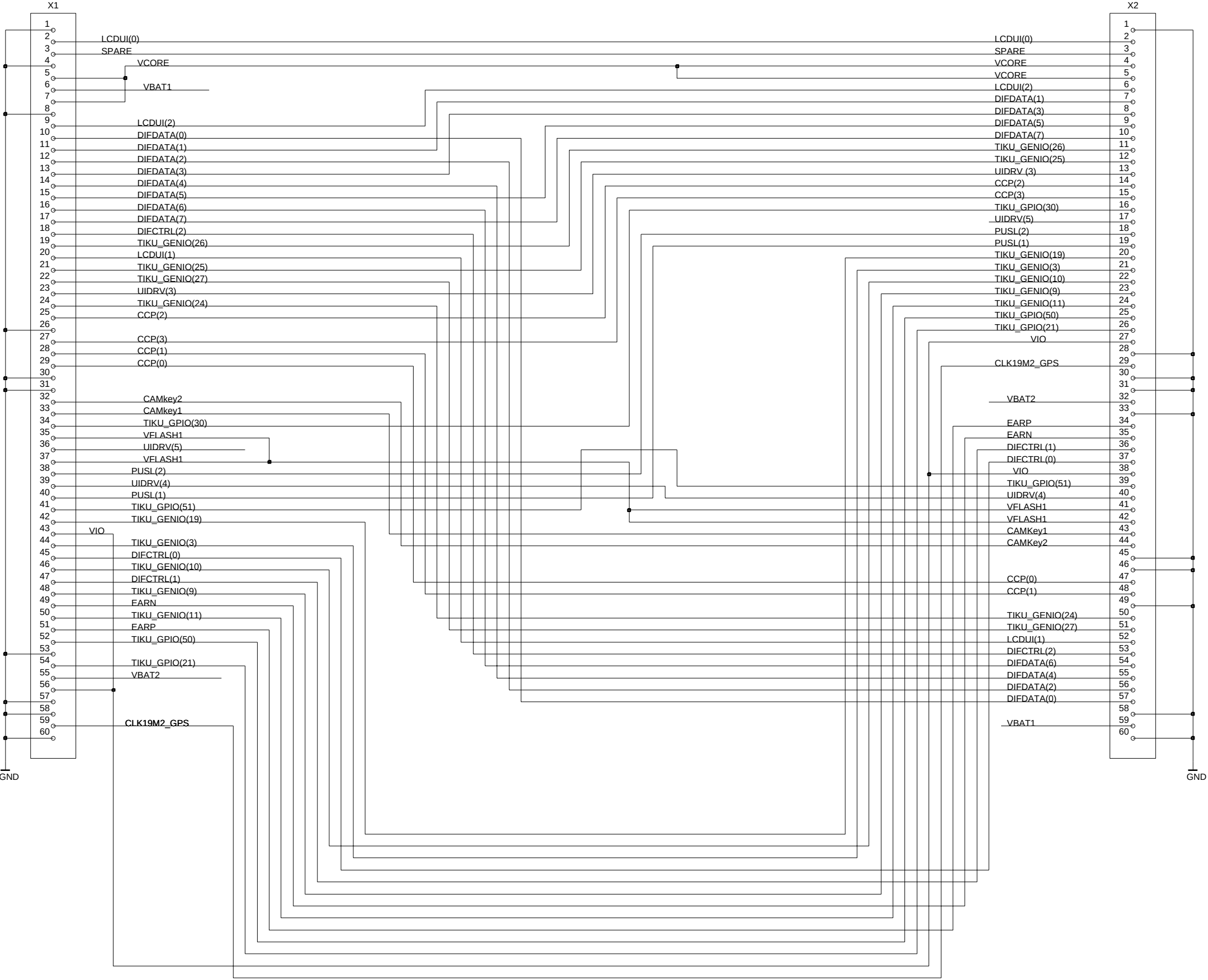
6255 and 6256 Non-GPS Schematics - Secondary Display



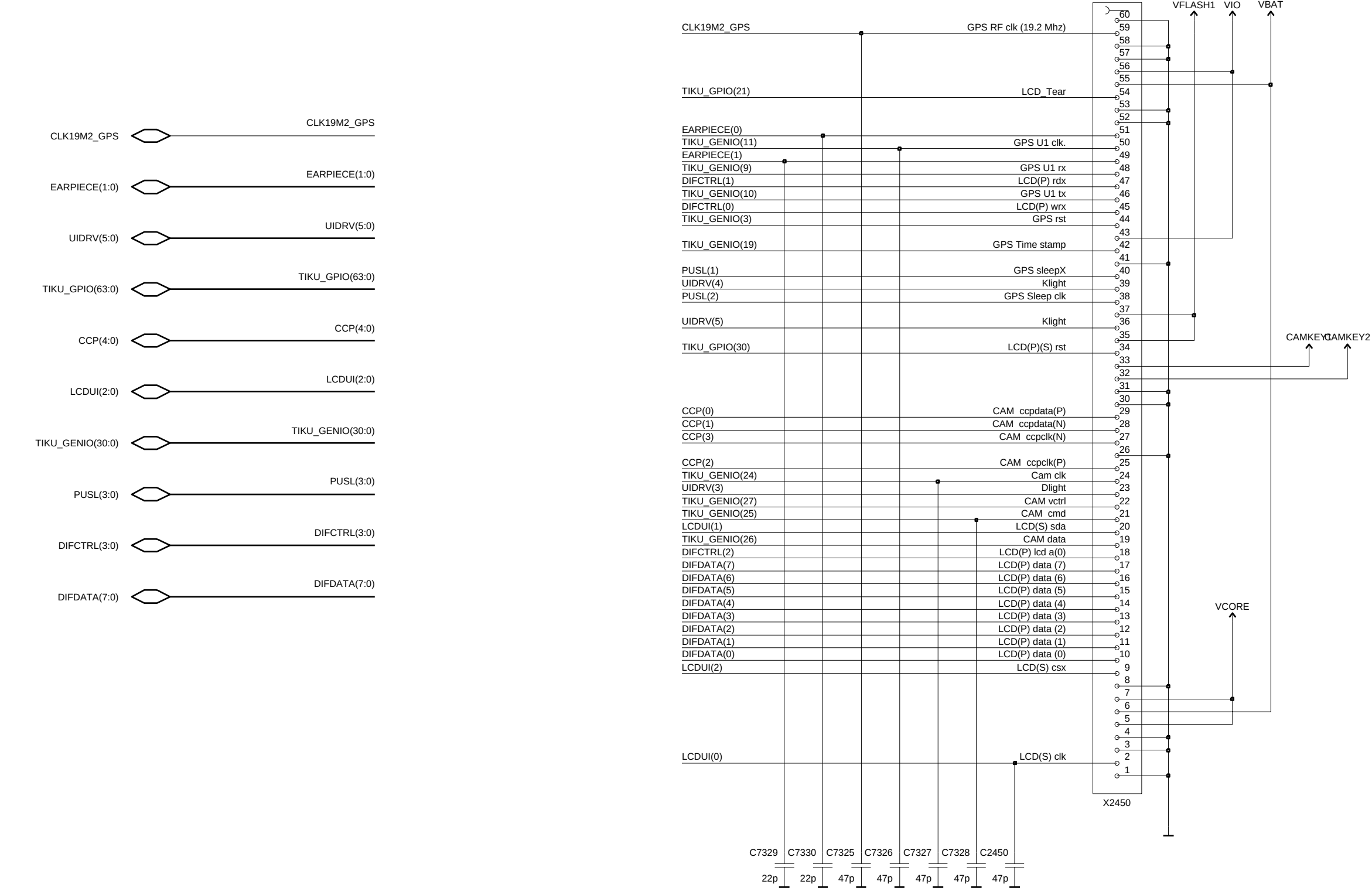
Flex Cable

ENGINE BOARD

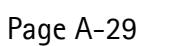
UI BOARD



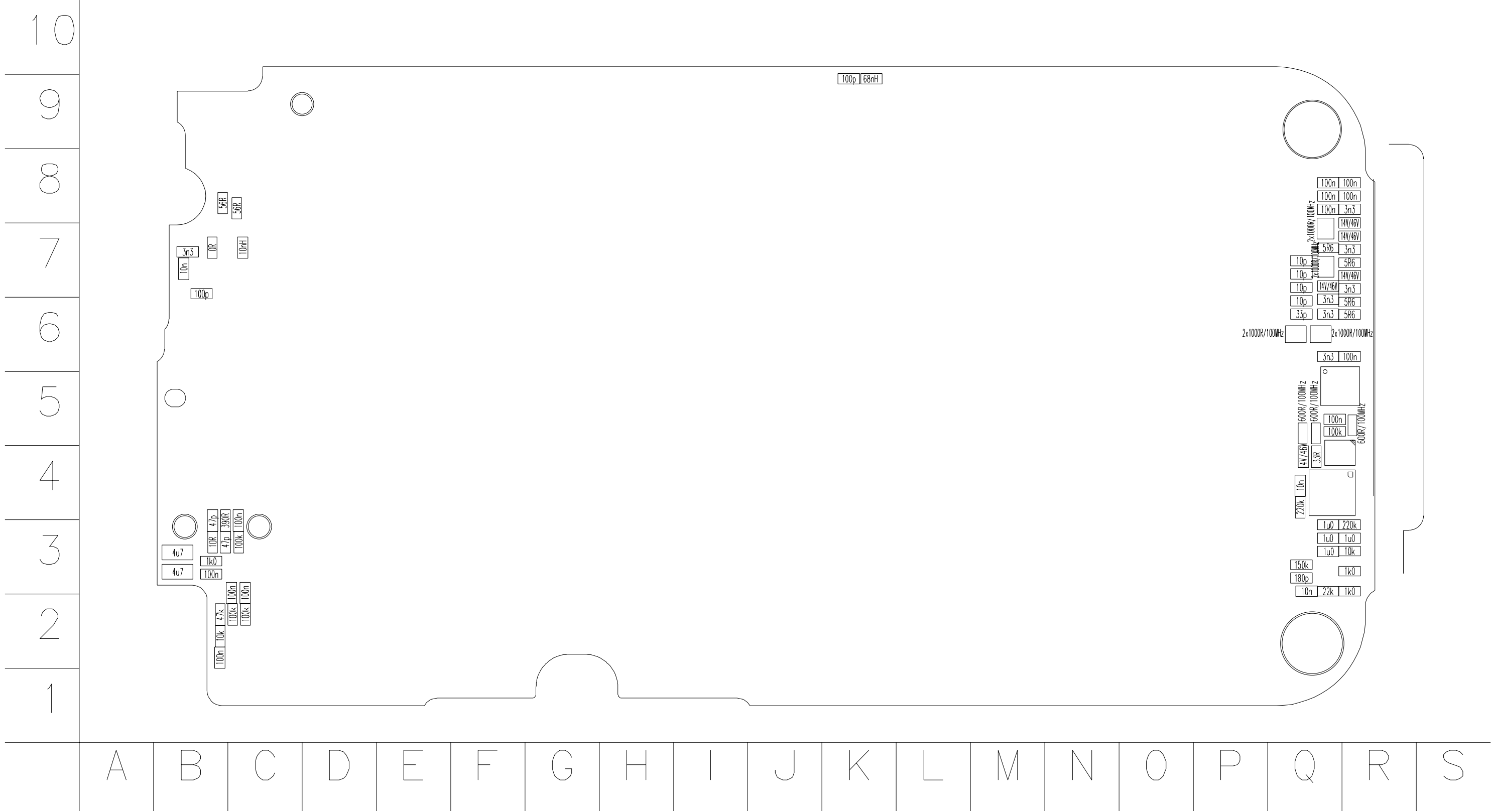
Flex Interface



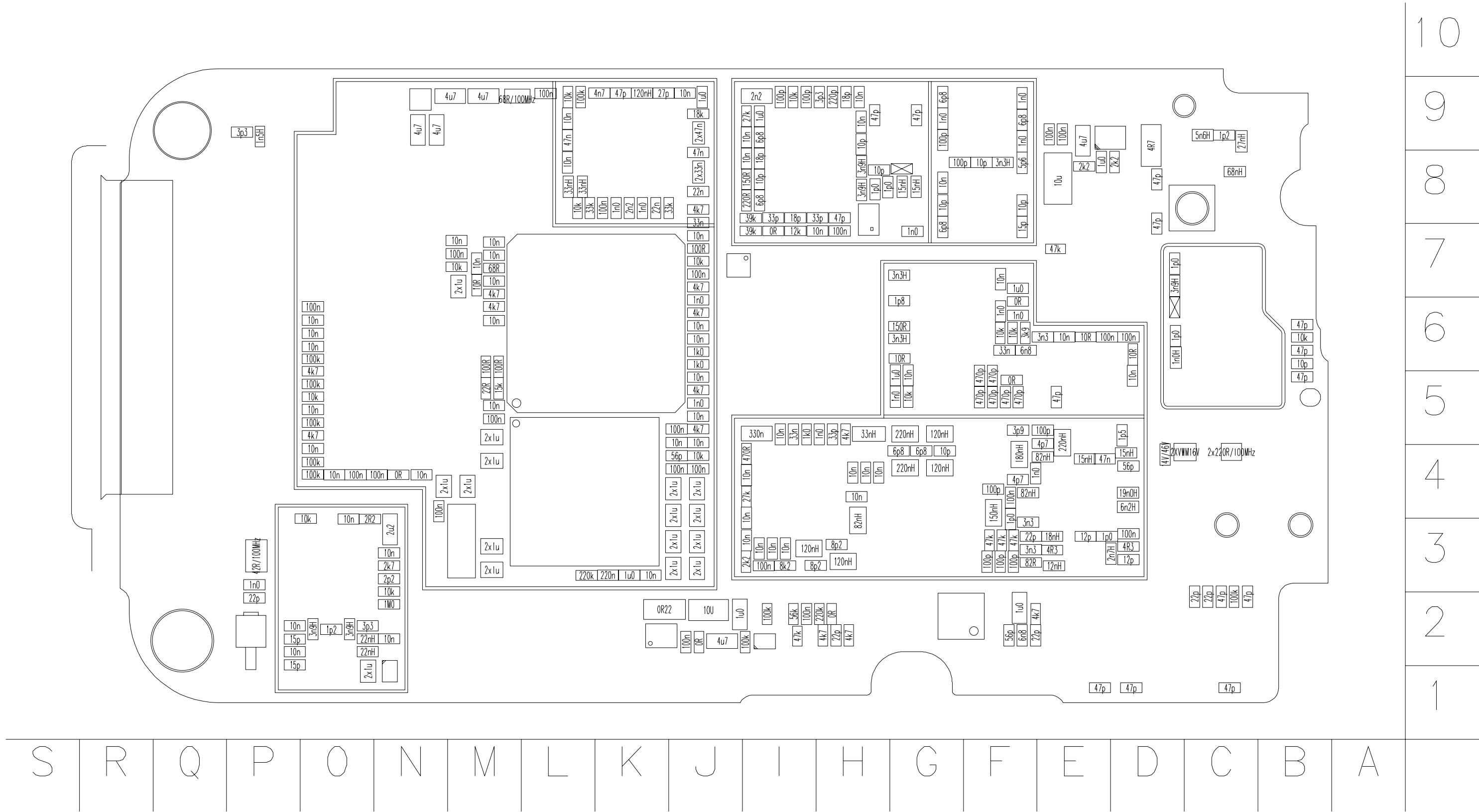
Component Layout - Top



Component Values - Top

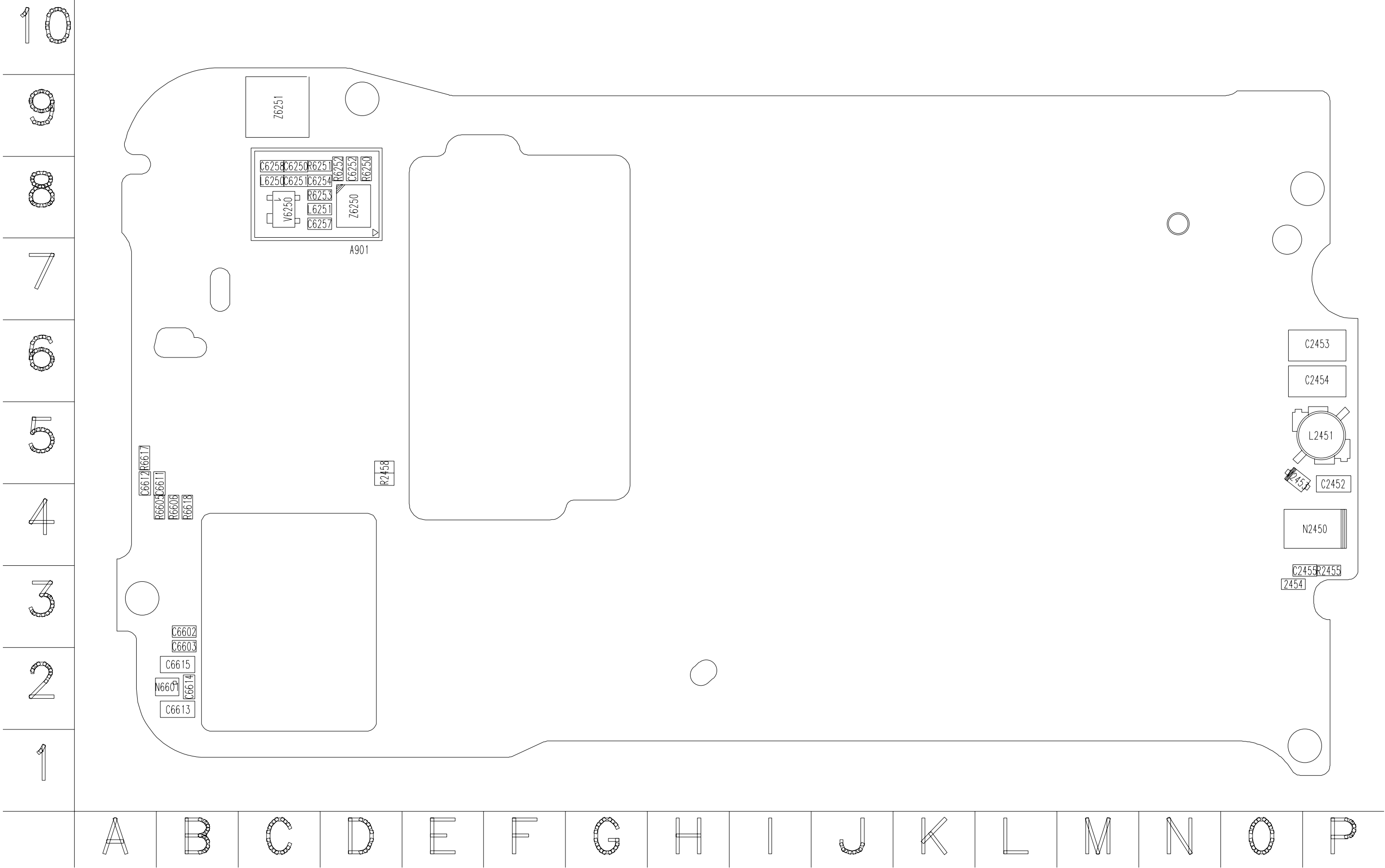


Component Values - Bottom

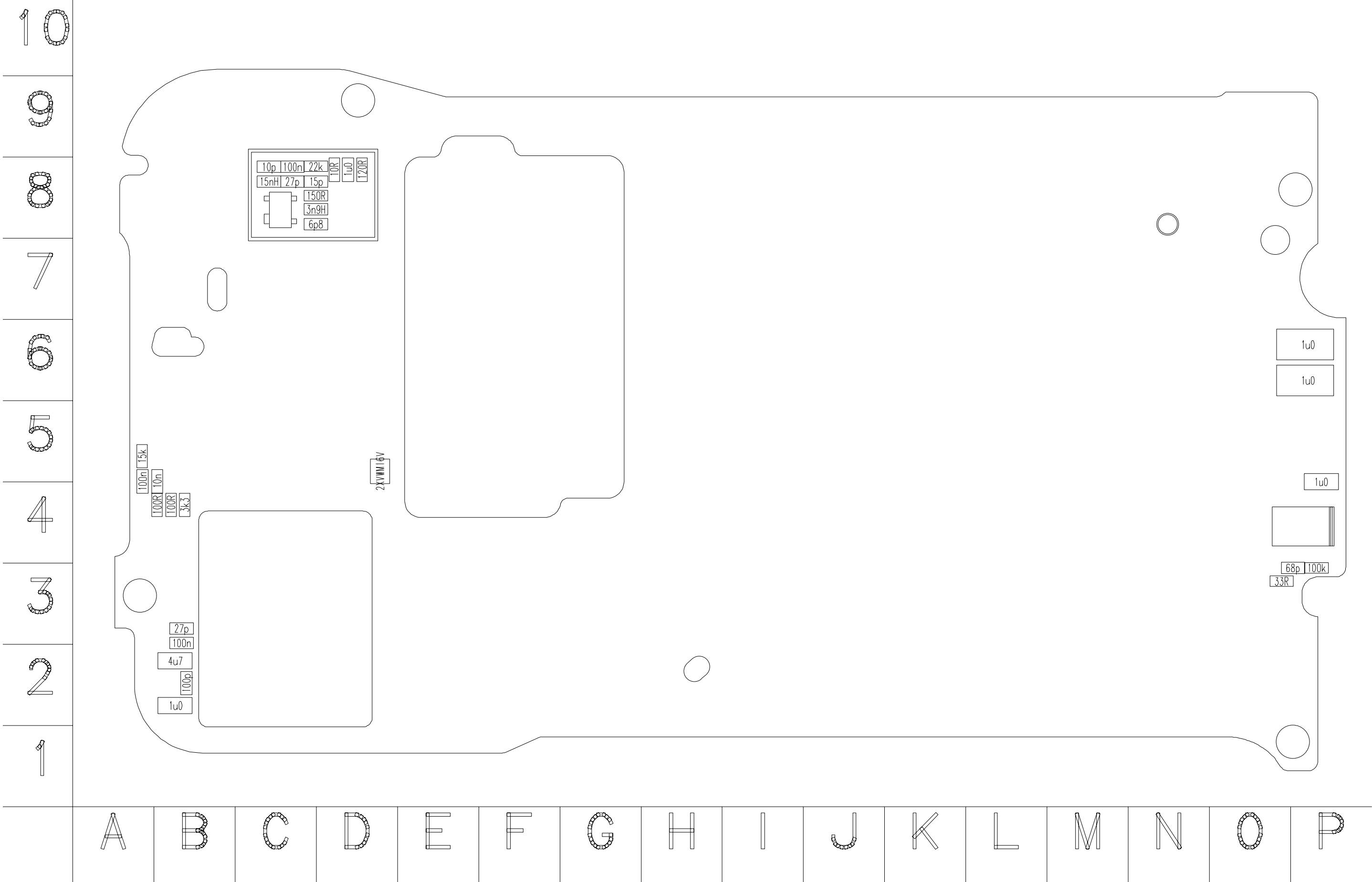


6255i and 6256i - Component Layouts and Values — Secondary (UI) PWB

6255i and 6256i Component Layout - Top

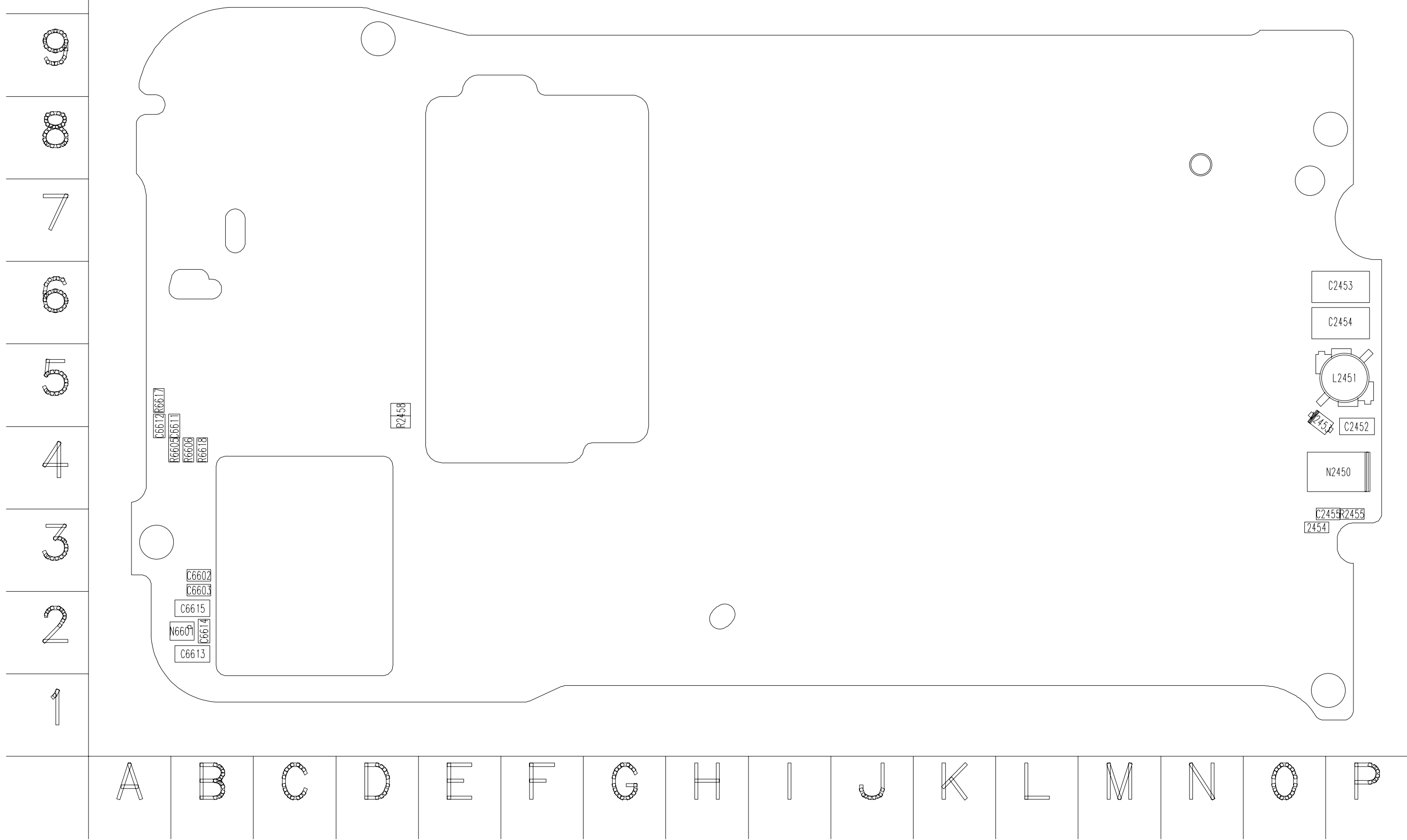


6255i and 6256i Component Values — Top

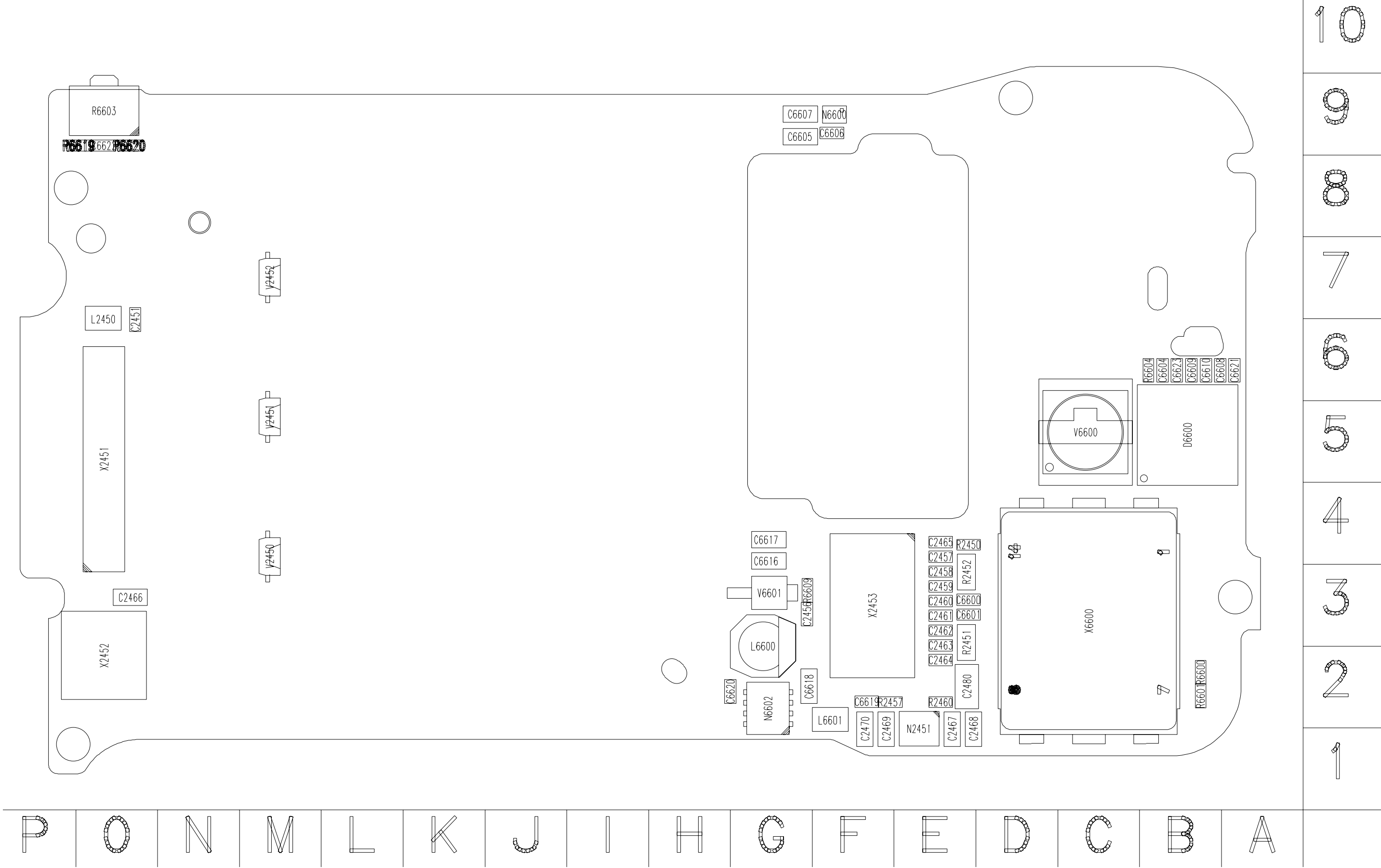


6255 and 6256 (Non-GPS) Component Layouts and Values — Secondary Display

6255 and 6256 Component Layout - Top

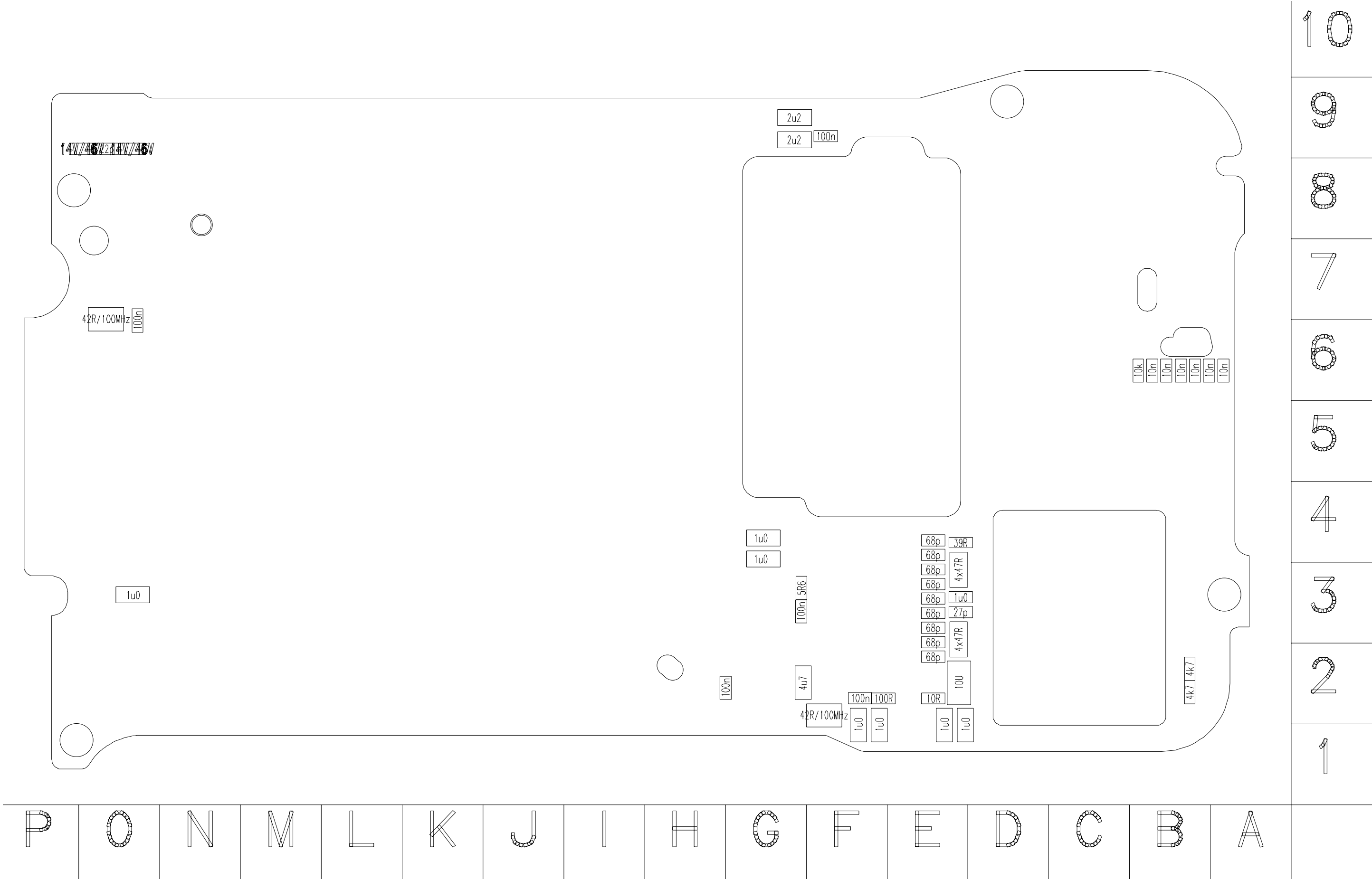


6255 and 6256 Component Layout - Bottom

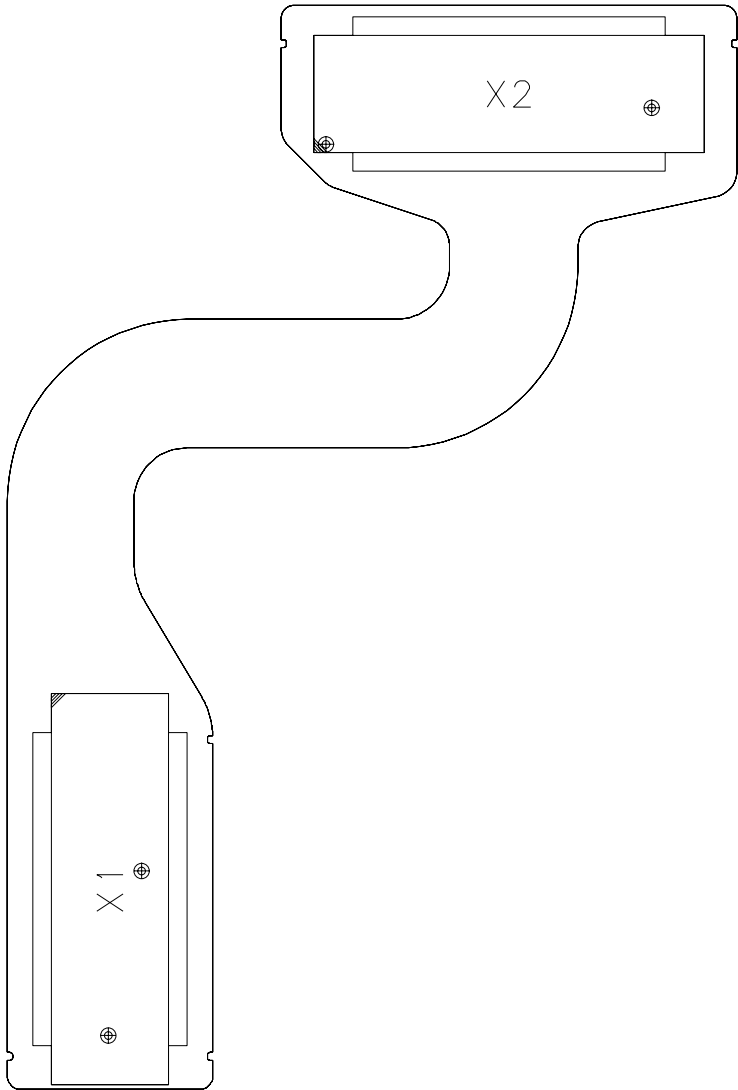


10																
9																
8																
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2																
1																
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P

6255 and 6256 Component Values - Bottom



Flex Cable Component Layout - Top



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