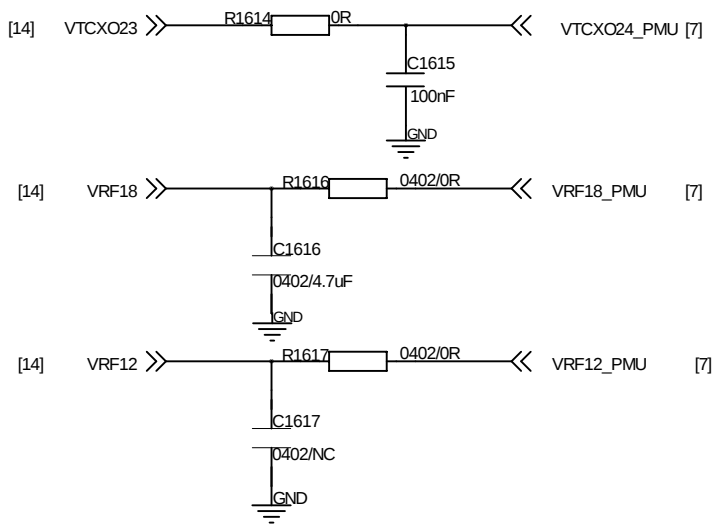
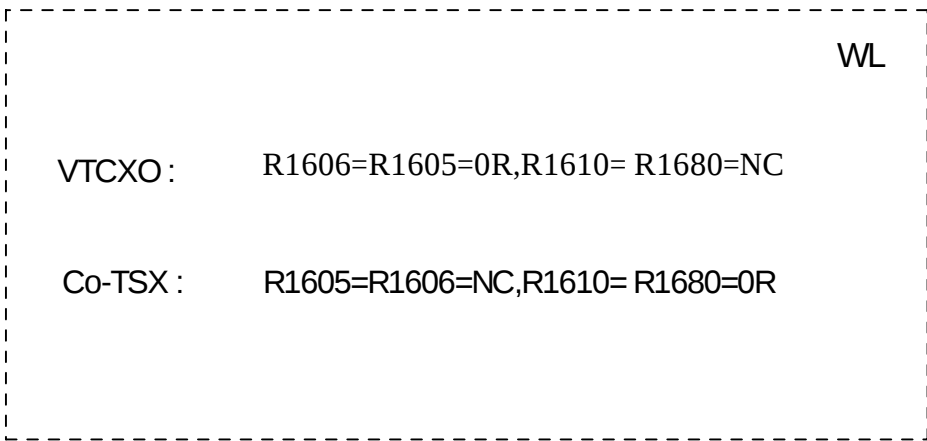


3/4 ß Õ ñ £ ° 26MHz R1620



LNA Port Assignment in Reference Design for CA

- Note: This is RF transceiver supported band, not reference design supported band
- Check the LNA port assignment for CA application.

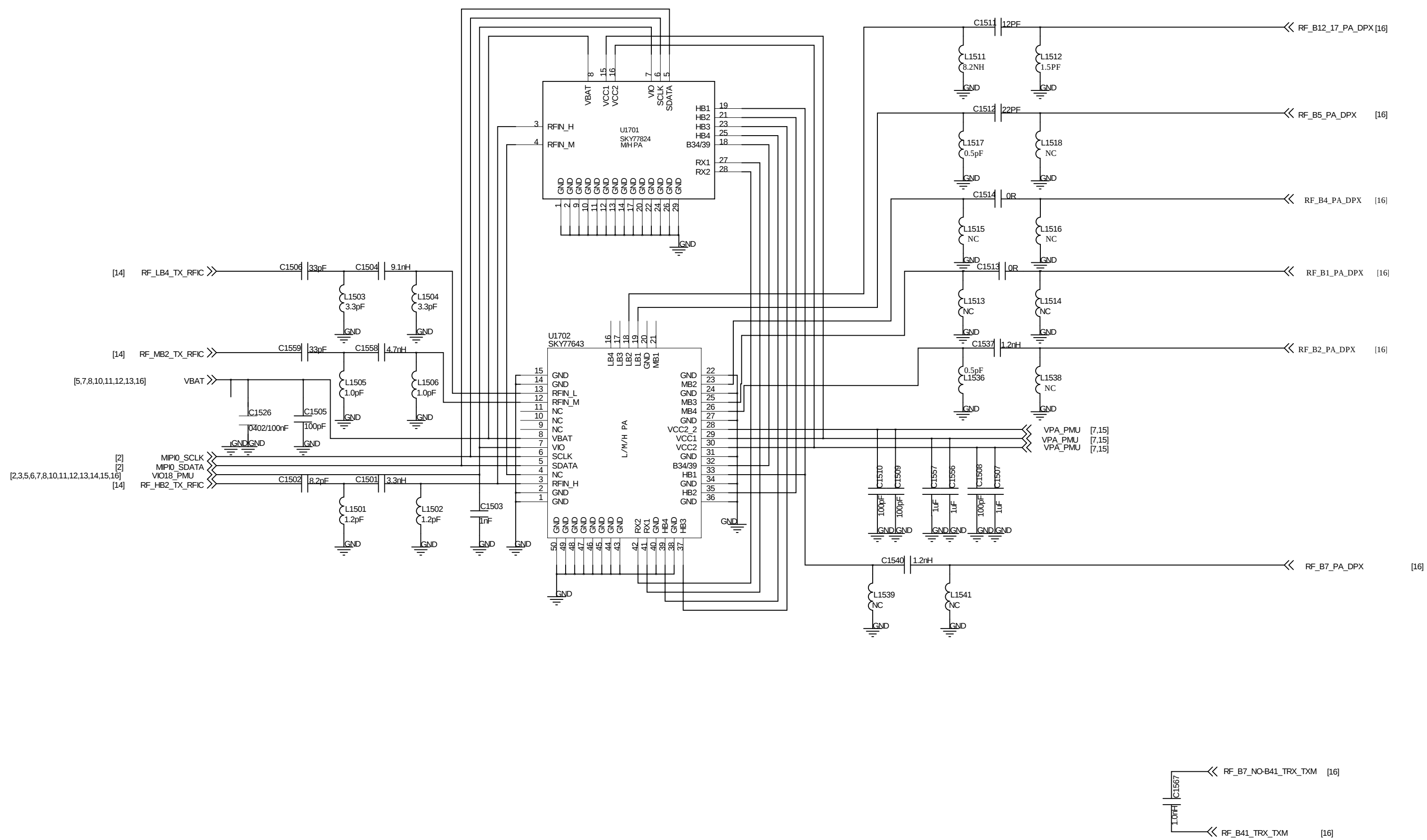
*4 exceptions:

- Exception A: For B_{1+28 CA}, put B_{1 PRX @Group2.Port9} & B_{1 DRX @Group1.Port2}
- Exception B: For B_{7+B4 CA}, put B_{4 PRX @Group2.Port9} & B_{4 DRX @Group1.Port2}
For B_{30+B4 CA}, put B_{4 PRX @Group2.Port9} & B_{4 DRX @Group1.Port2}
- Exception C: For B_{B8+B2O CA}, put B_{20 PRX @Group3.Port4} & B_{20 DRX @Group3.Port7}

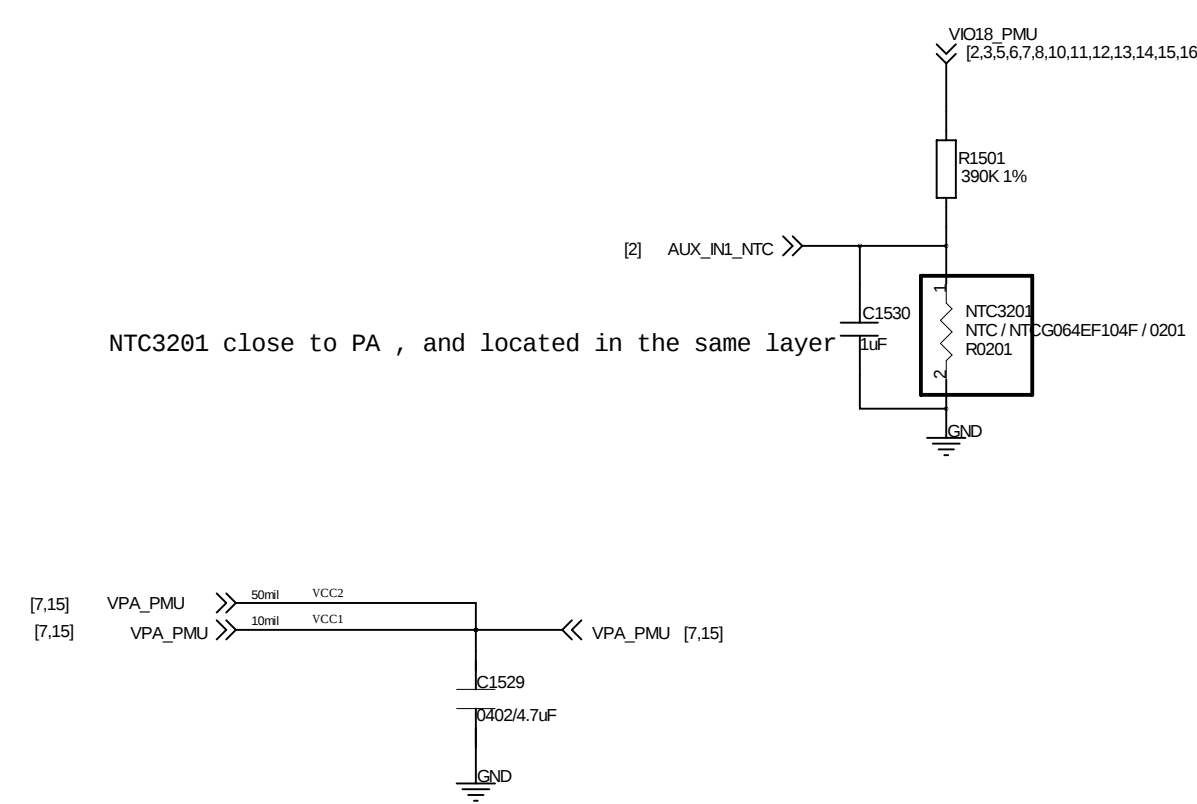
		Group1			Group2				Group3				Group4			
LNA port Assignment		P/DRX	Port14	Port13	Port12	Port11	Port10	Port9	Port8	Port7	Port6	Port5	Port4	Port3	Port2	Port1
Reference design [CMCC/APAC/EU]	China + APAC + EU: reference LNA port	PRX	B7	B40	B4	B41	B2	B4 ^B B1 ^A	B3	B1	B39 (B34)	B28B	B28A	B5 B26	B8	B20
		DRX	B3	B2	B4 ^B B1 ^A	B4I	B4	B4O	B7	B2&A	B1	B39	B28B	B5 B26	B8	B20
Reference design [US/IP/Others]	US: reference LNA port	PRX	B7	B30 B23	B4 [BC-1] B11 B32	B41 B38	B2 [BC-1] B25 B21	B4 ^B	B3 B9	B1 [BC-6] B10	-	B12 B13 B17	B20 ^K B14		B8	B29
		DRX	B3 B9	B2 [BC-1] B25 B21	B4 ^B	B41 B38	B4 [BC-1] B15 B11 B32	B30 B23	B7	B20 ^K B14	B1 [BC-6] B10	-	B12 B13 B17	[BC-O] B27 [BC-10]	B8	B29

- For non-CA band, just follow the L,M,H range. The same with MT6169
- For CA band, must follow this table to assign LNA port in the same group, and recommend using the same port to lower risk

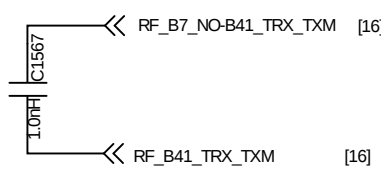
3G/4G PA



Thermistor / To sense board level temperature

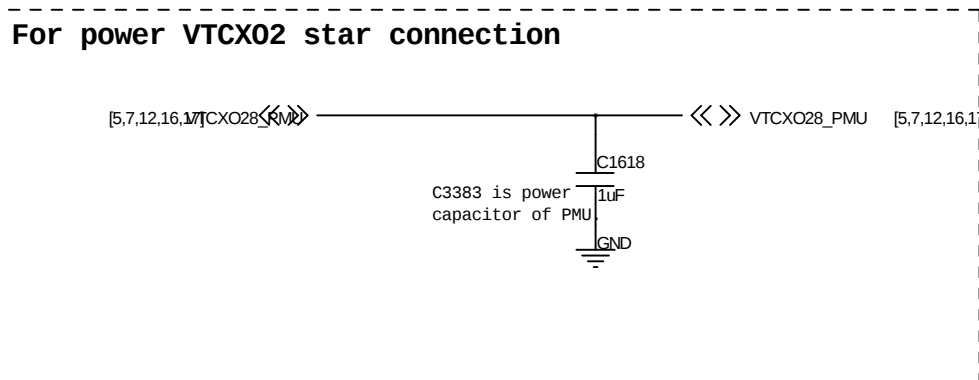


B38/41 TRX

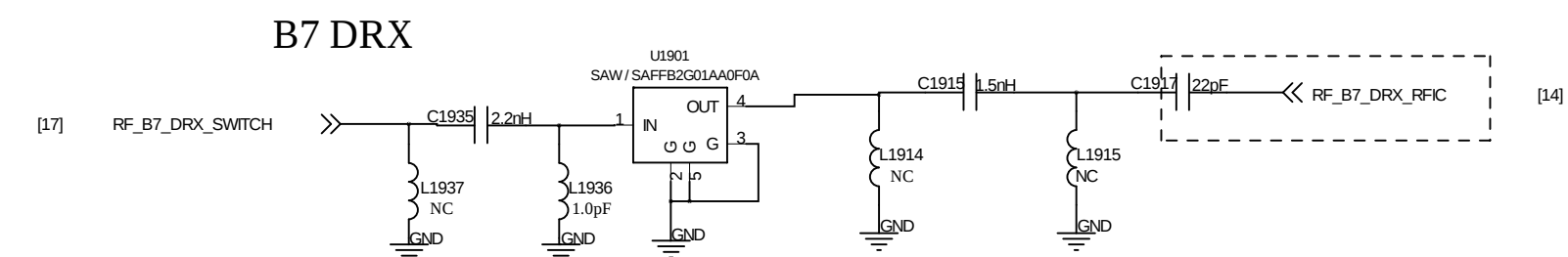
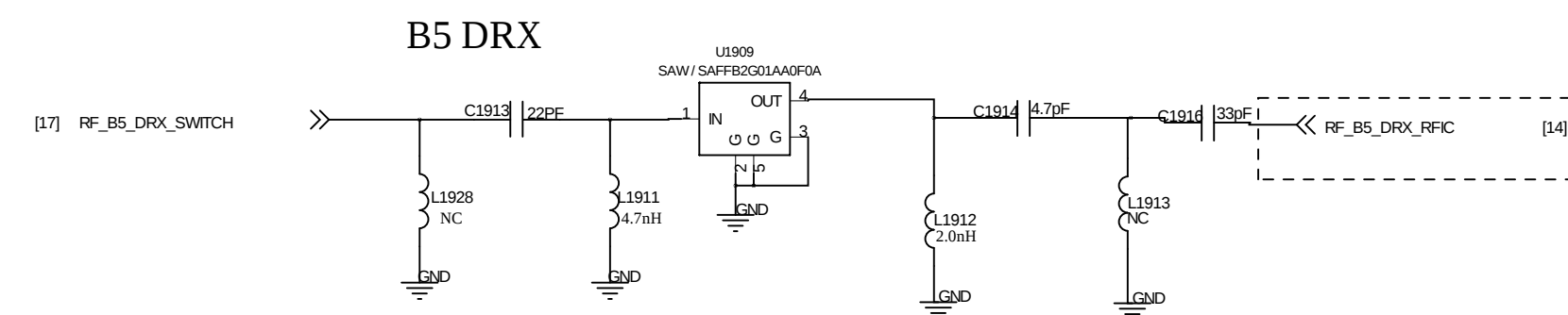
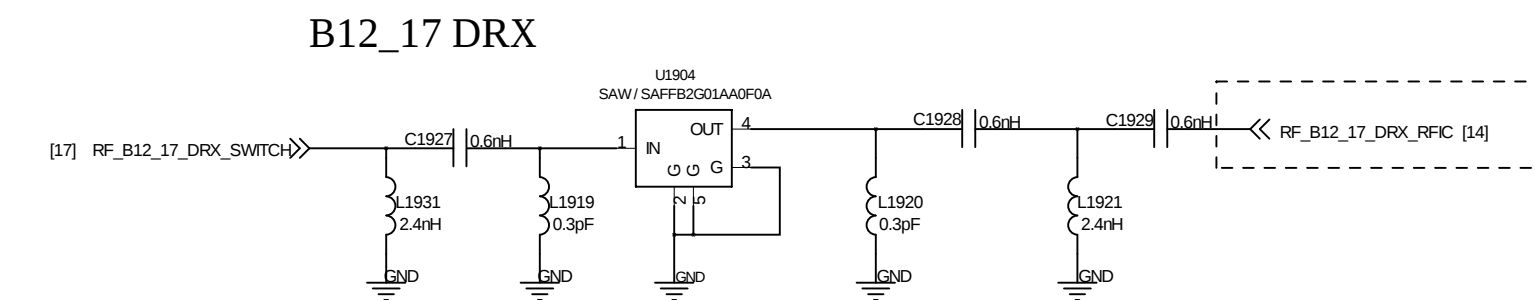
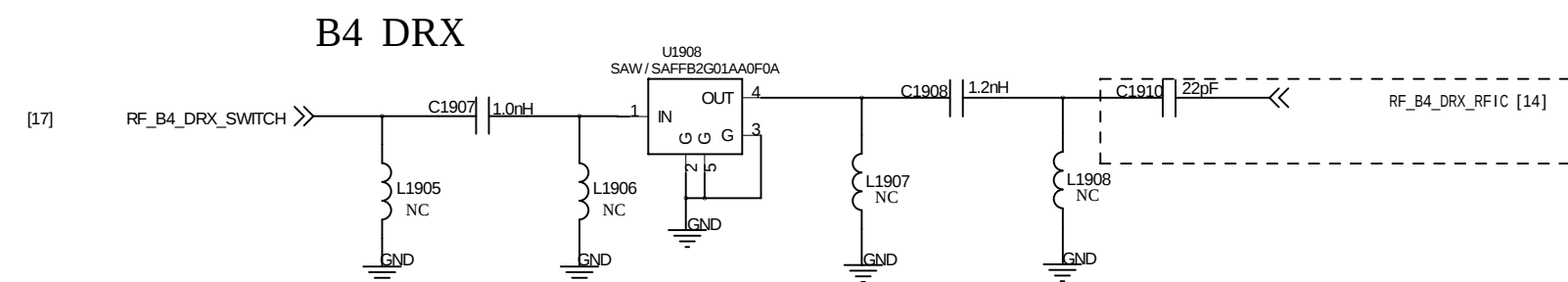
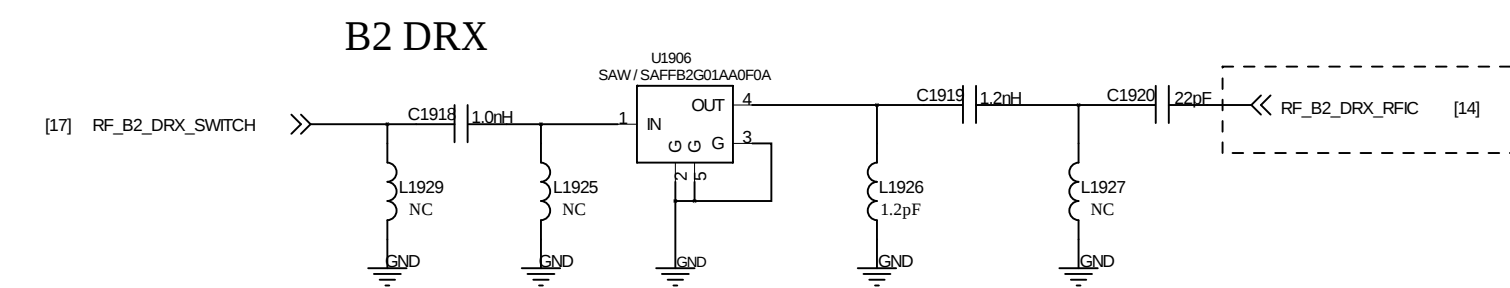
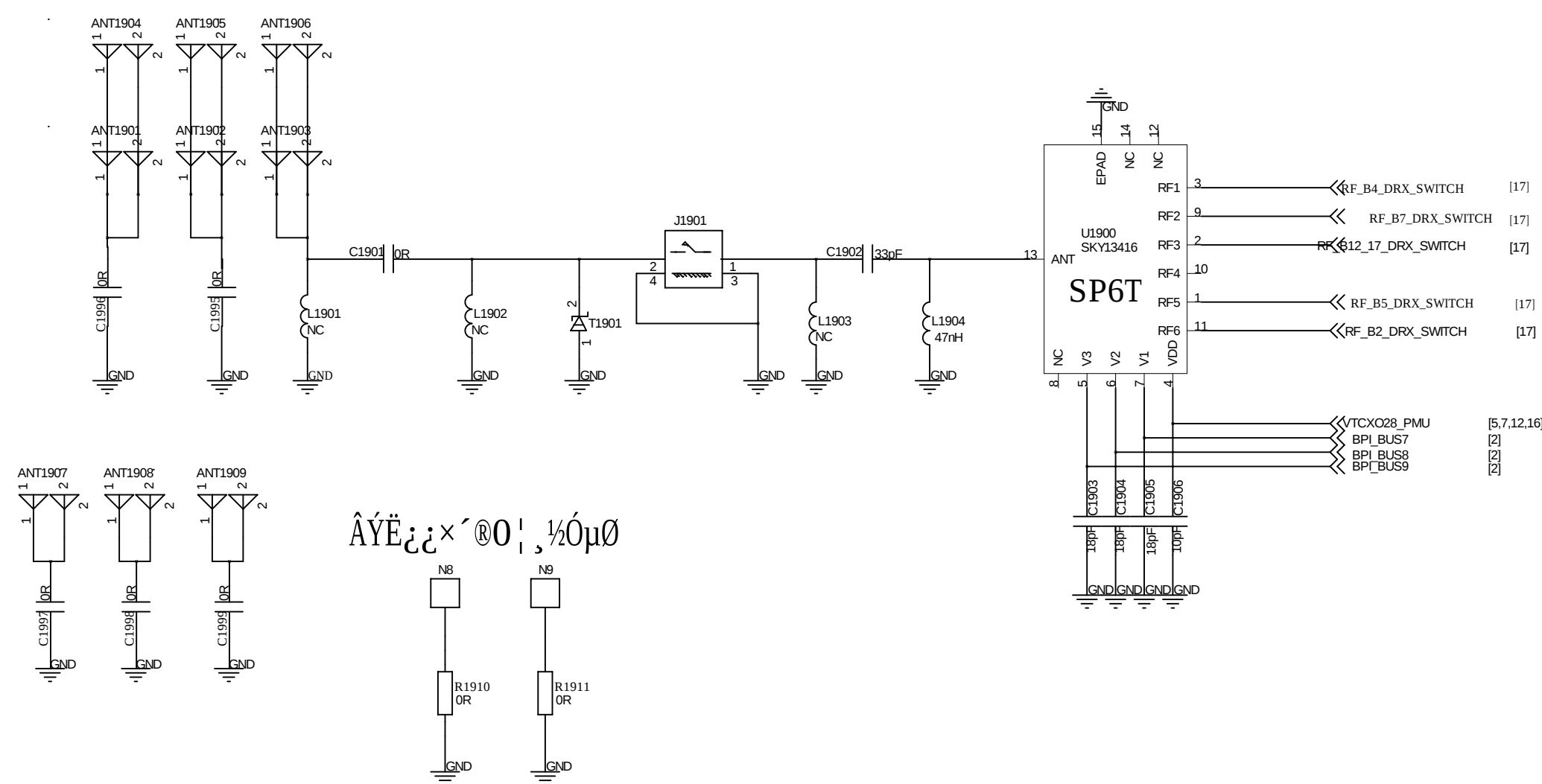


Note:
B39/B41 dip-SAW can support both non-CA and B39/41 CA, the CA feature depends on CA modem development done.

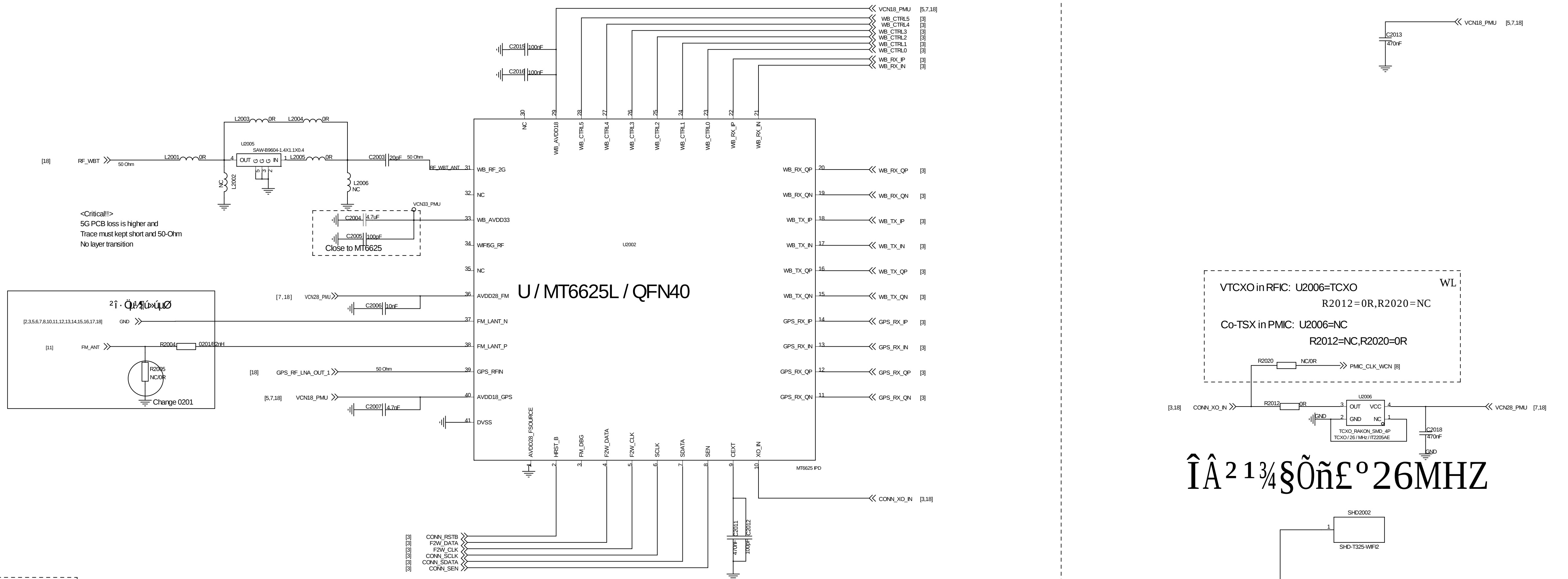
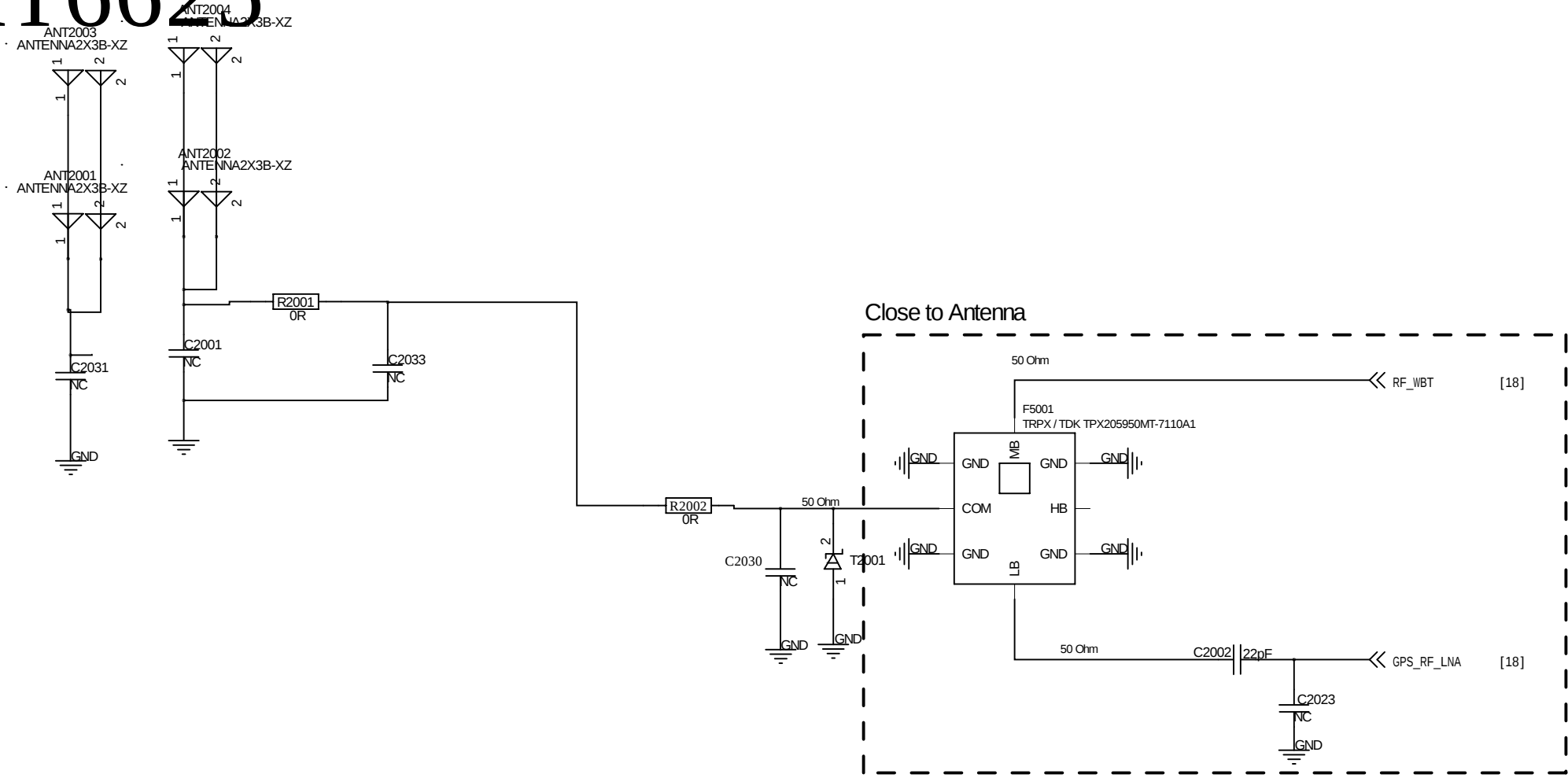
WCDMA

[illegible]

FDD DRX



MT6625



GPS xLNA

