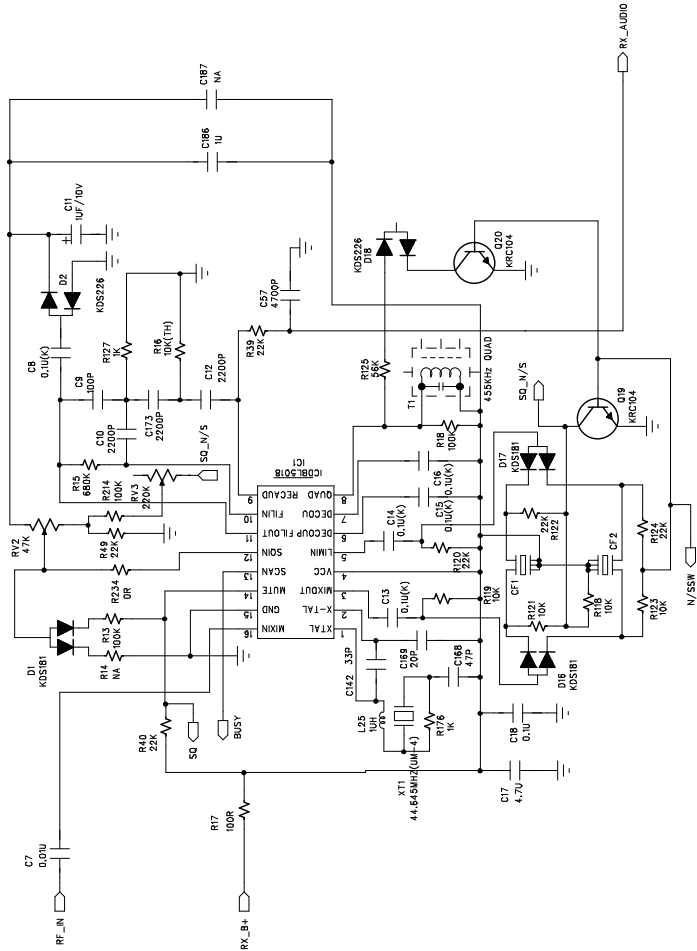


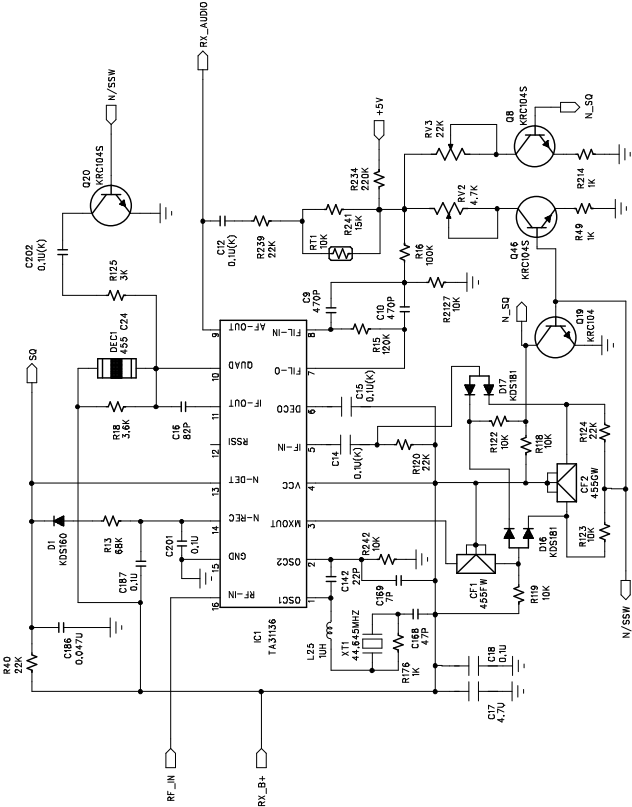
< PL2215P/2415 Change Section >

1. RX Part : IF IC change

==> Before (DBL5018 / SL5018)



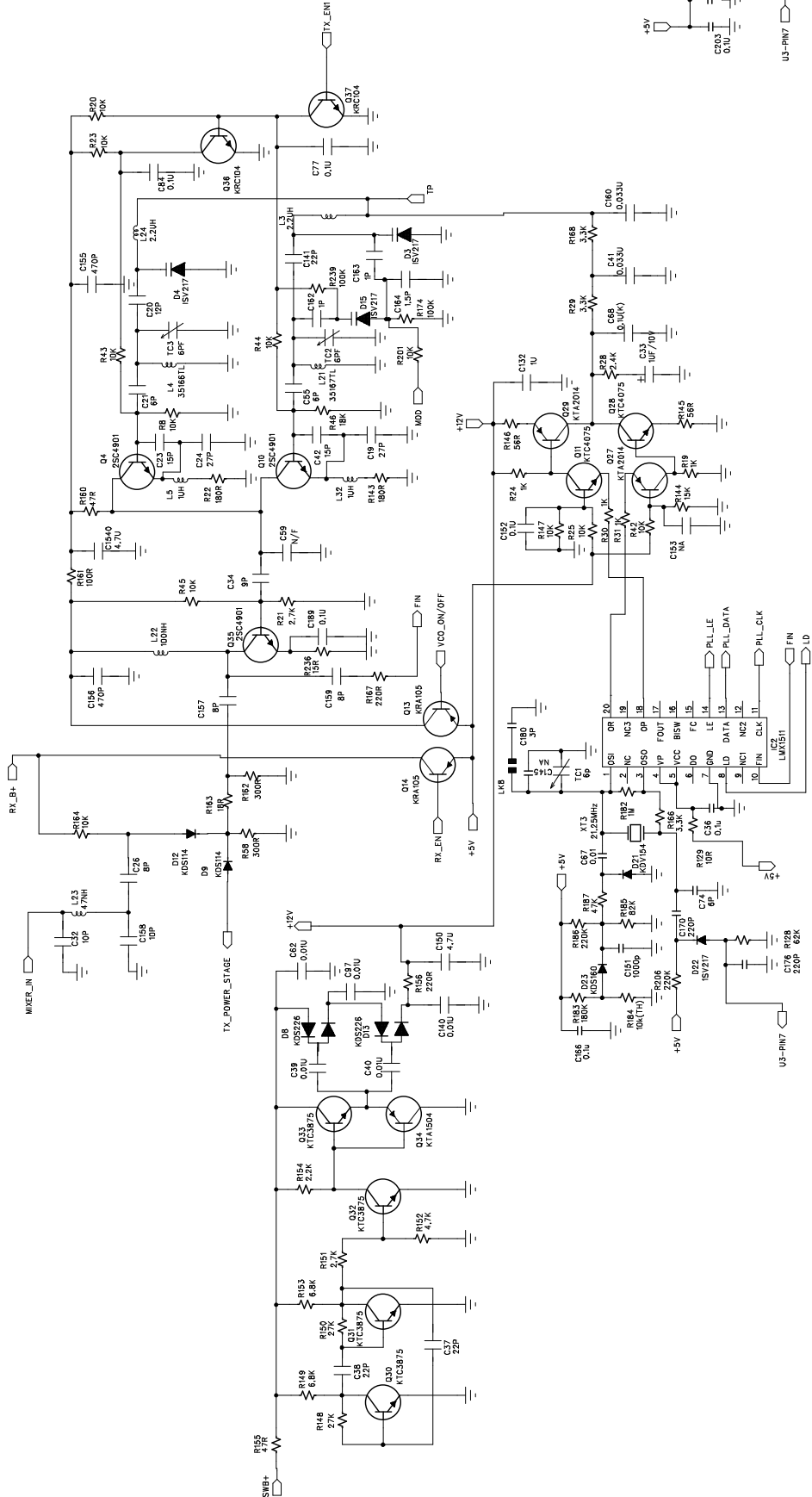
==> After (TA31136)



2. PLL and VCO Part

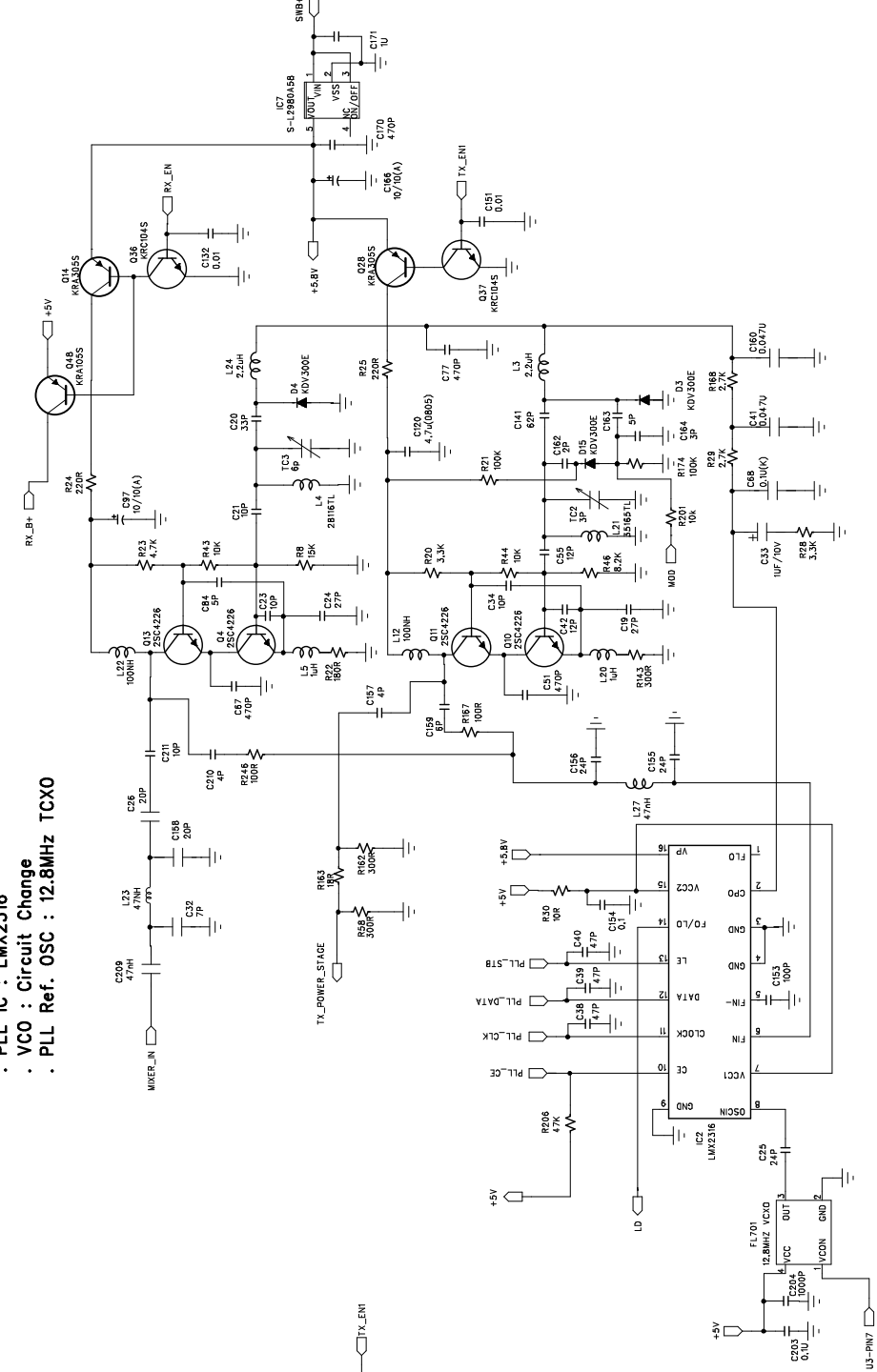
==> Before

- PLL IC : LMX1511
- PLL Ref. OSC : 21.25MHz X-TAL



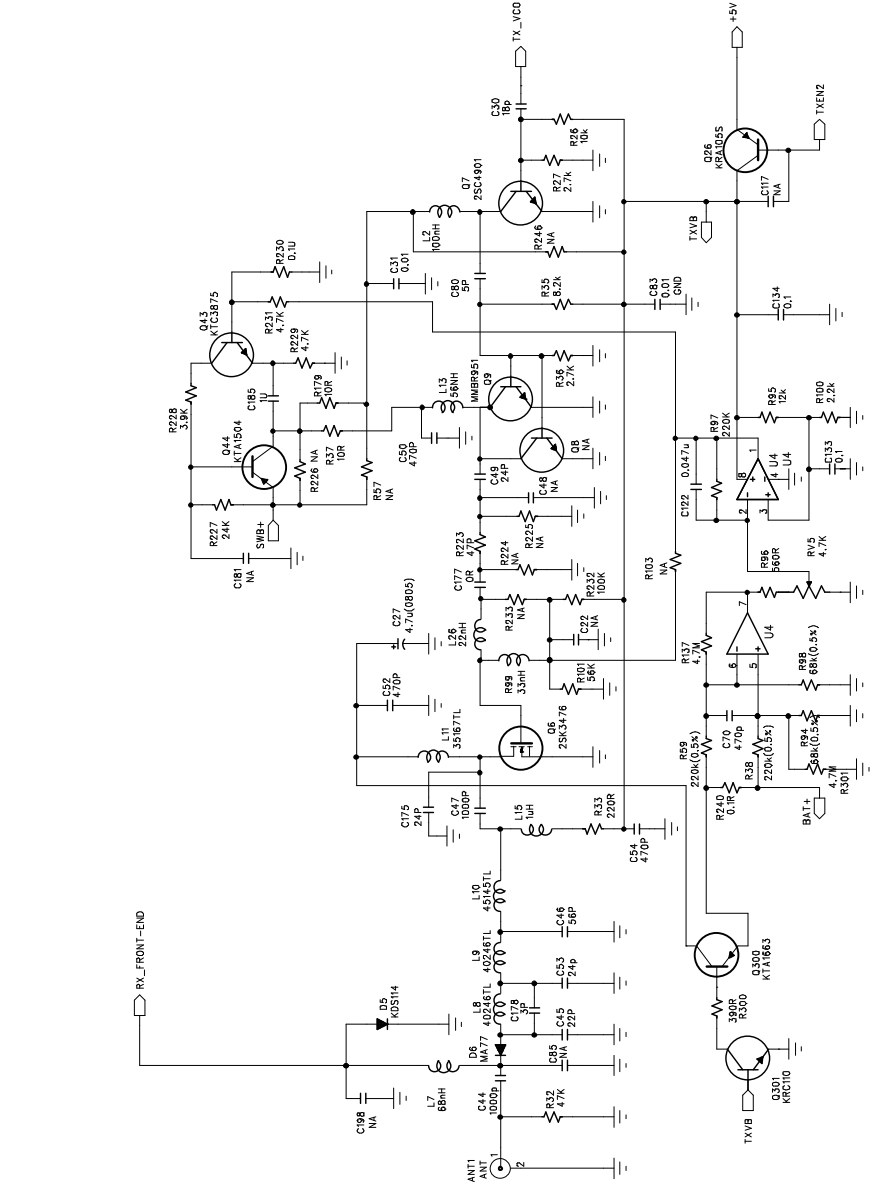
==> After

- DC to DC Converter :Delete
- Charge pump : delete
- PLL IC : LMX2316
- VCO : Circuit Change
- PLL Ref. OSC : 12.8MHz TCXO



3. TX Part

==> Before



==> After

. change TX low pass filter and matching circuit of final FET(Q6)

