

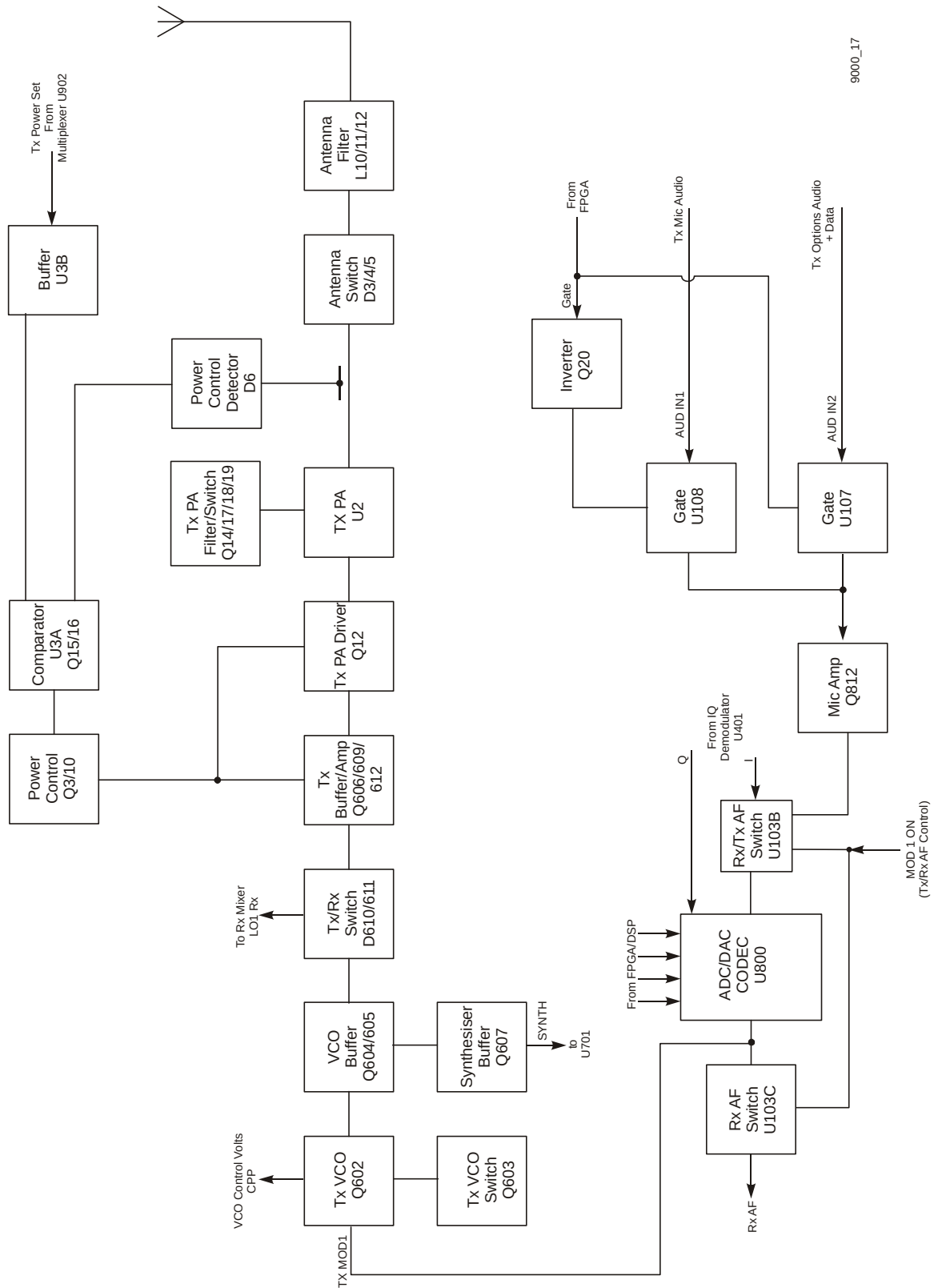
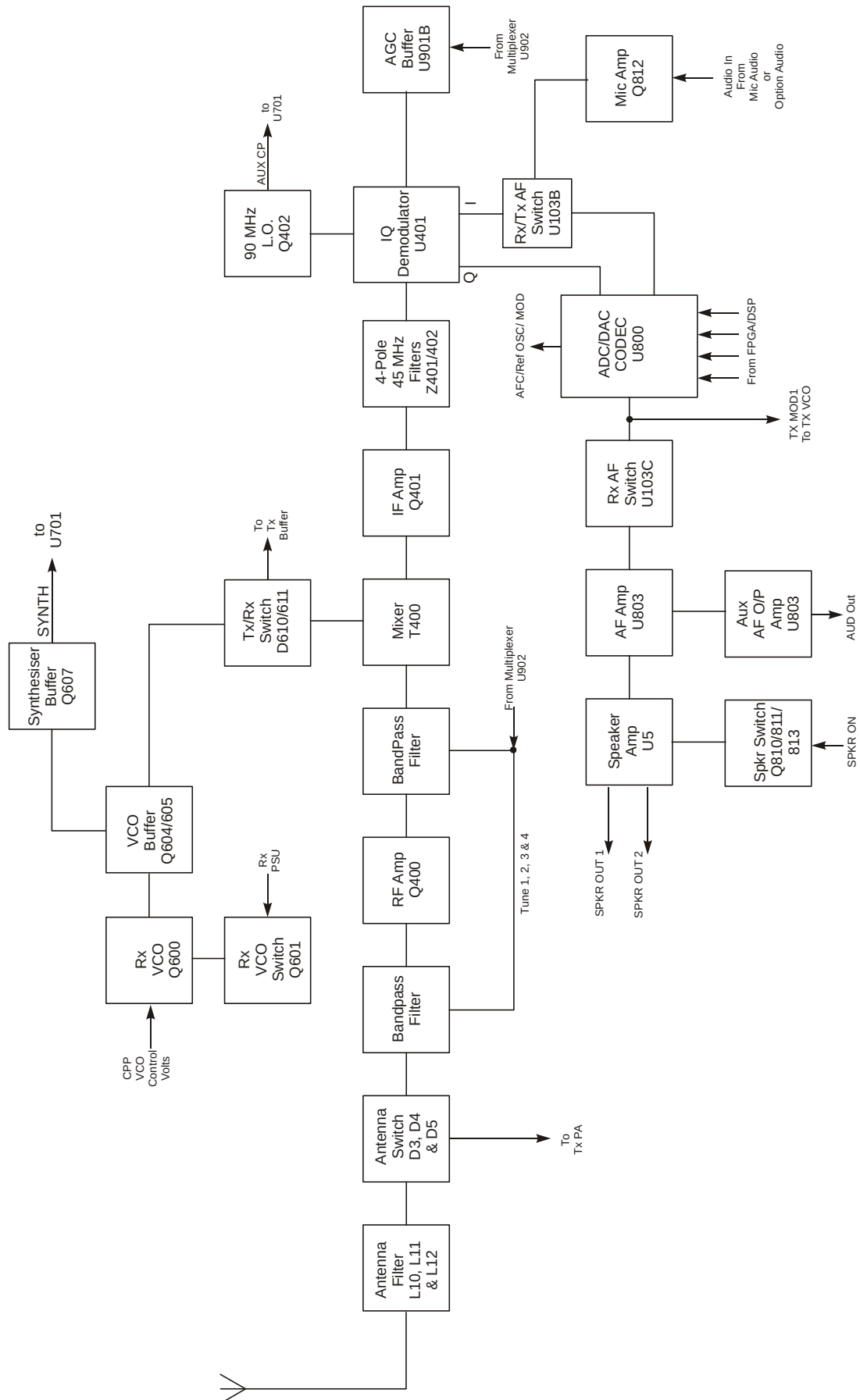
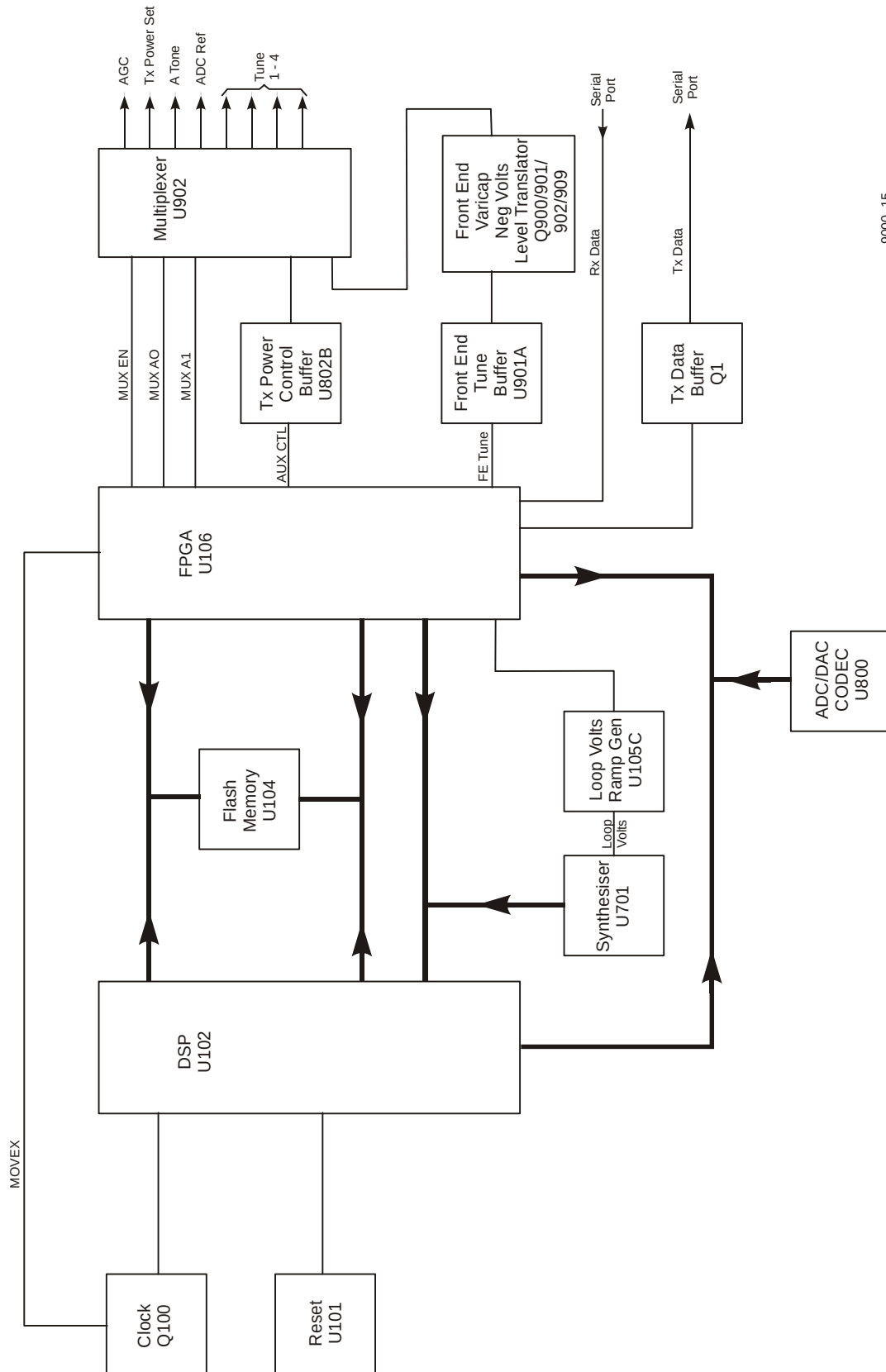


Figure 3-2 VHF/UHF Transmitter Block Diagram

An active filter comprising Q14, 17,18 and 19 provides isolation to minimise power supply noise at the PA. This is achieved by maintaining a voltage differential of approximately 1V across Q14 and indirectly filtering its gate voltage. Q14 is switched on only during transmit via R523 to minimise receiver power requirements.





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Figure 3-4 VHF/UHF Control Block Diagram

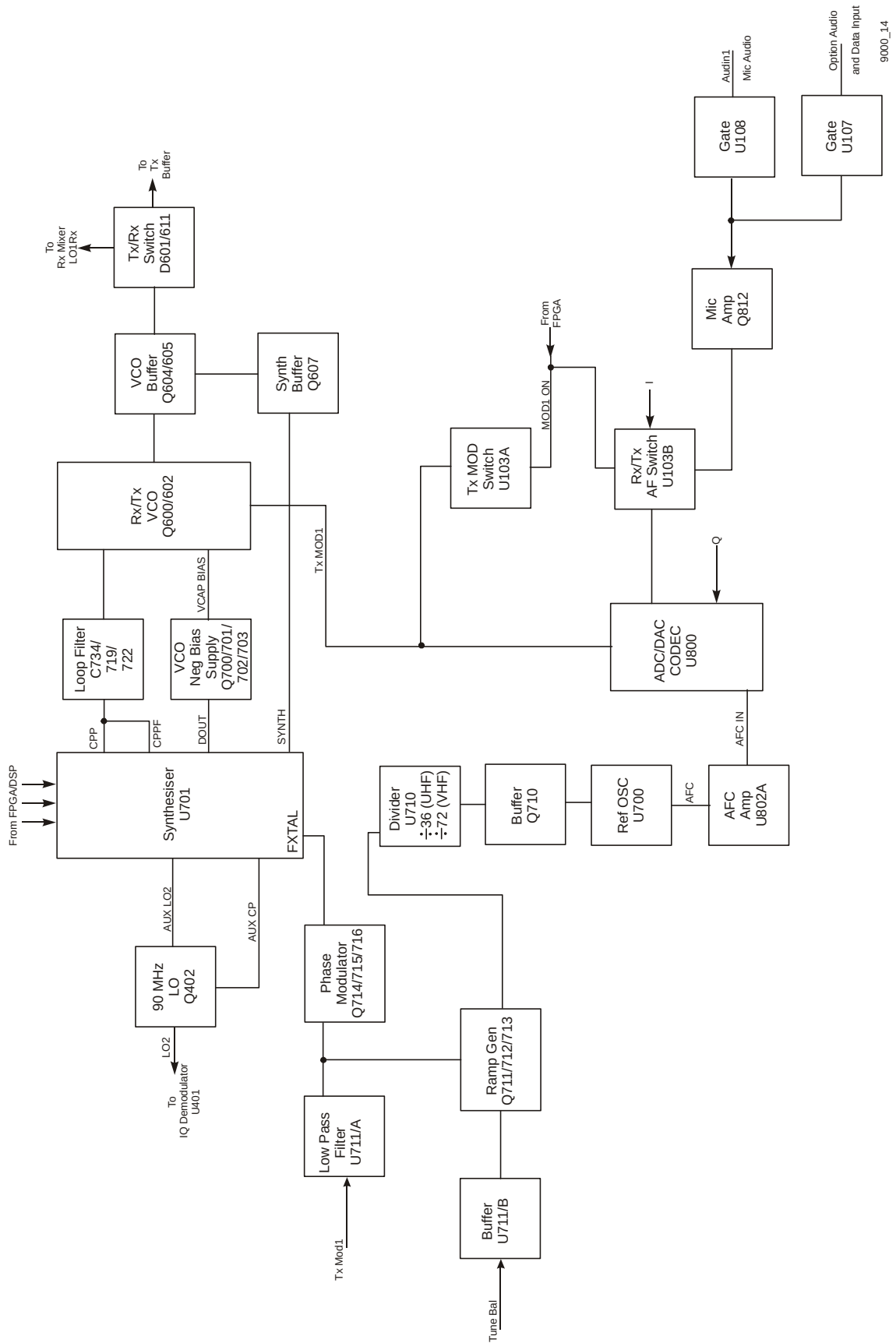


Figure 3-3 VHF/UHF Synthesiser, Block Diagram