

Circuit Description

The transmitter section of the 5894PI-1 consists of Oscillator Q7, R64/65/66/67, C13/17, and SAW YL1. The FDA energy is coupled out via C31 to the PA Q11, R48/66, the output tank L1, C45 supply's energy to the PCB's copper trace antenna. C66 tunes the antenna. Amplitude modulation is accomplished via Q9 & 10. Q6 turns the Oscillator Q7 on and off.