

Applicant: SZ23077T27

Circuit Description

Q4 the 27.145 MHz crystal oscillator drives the base of Q5 the final/buffer amplifier. The output of Q5 has the matching network consisting of T1, L2, and C1 that limit the harmonic content and affect the proper coupling of the antenna to the output stage.

Antenna, Ground, and Power Source

The antenna consists of a 45cm long telescoping chrome over brass tubing. There is no external ground connection. The ground is only that of print circuit board. Electric current is supplied by a 9 Volt primary storage cell.