

## Circuit description for AEKA56349

This device is a crystal controlled pulse position modulated transmitter. The oscillator consists of the combination of Q2 and X1. Q3 and it's associated circuitry act as a buffer amplifier for the oscillator. The pi filter consisting of L3, C7, and C8, C9 act as a harmonic filter and antenna matching circuit. Modulation is provide by IC1(ATS302T). Energy to this device is supplied by a single 9Volt battery. The antenna is helical antenna.