

Circuit description for AEKA51427

This device is a crystal controlled pulse position modulated transmitter. The oscillator consists of the combination of Q1 and XL1. Q2, Q3 and it's associated circuitry act as a buffer amplifier for the oscillator. The pi filter consisting of T3, C25, and C26 act as a harmonic filter and antenna matching circuit. Modulation is provide by IC1(ST7LITE15B). Energy to this device is supplied by a single 9Volt battery. The antenna is removable 5 elements rod antenna.