

Circuit Description for Came M48AT02

This is a single transistor (Q3) RF carrier generator modulated by IC (U4) that pulse modulates the carrier. The RF carrier is stabilized in frequency by XTAL 2. The harmonics are filtered and antenna matched by the components L2, C8, C9 C16, C15, and C18. IC U4 uses a 2.45 MHz crystal as a clock generator. Transmission stops upon release of the button.

The power source for the transmitter is delivered by to 3 Volt coin cells in series.

The transmitter has no external ground connection and uses only the PC board traces.