

CHILD MINDER

Transmit Circuit Description

The transmit circuit with special transmitter IC (IC1 TX4915) and external crystal and other parts composing. The IC1 TX4915 is a low power transmitter IC it for applications in 433.92MHz, The integrated voltage-controlled oscillator(VCO), phase/frequency detector, the external crystal (X1 6.780MHZ) is a reference oscillator to provide a complete phase-locked loop(PLL). The IC internal also includes an automatic lock-detect feature that disables the transmitter output when the PLL is out of lock.

The transmitter circuit controlled by IC2 (MCU), IC2 provides transmitter data and enable. Transmit signal to around space though antenna. Transmit circuit working FSK mode and 433.92MHz frequency.