

Circuit Description

This product uses IR sensor to read the measurement info from electric meter and send the data to MCU(HT46RU232 utilizes 4MHz OSC) to process. The MCU get exactly time via External timer IC (12058 utilizes 32.768KHz OSC). The data will be sent to RF IC(A7302 utilizes 13.25MHz OSC) per 30 seconds. Finally, the RF IC transmits the data to space by 433.5MHz carrier signal with FSK modulation.