



Part 2: Program record port

Part 3: Power part, the whole unit powered by 3 AA battery through 3V voltage stabilizer

Part 4: Sensor part, R1, R2 provide power to PIR pyroelectric infrared sensor, PIR detect motion and output signal through R4 to signal amplification part

Part 5: Signal amplification part, coupling signal from C10, through U1-A, U1-B amplified, output to signal reshaping part

Part 6: Signal reshaping part, through a signal comparator, when U17 output a signal higher or lower than Q1 current level, it will output a different power level to MCU through output terminal P1-1

Part 7: MCU and wireless receiver and transmitter. MCU CC1101F32 process with the signal from P1-0、P1-1 and P0-1, output a signal to control display part and output a signal to modulate U2 Bulan and generate frequency 908~919MHz, sent to the system via antenna; the antenna receive 908~919MHz frequency sent to MCU to decode through U2 Bulan. crystal 26 MHz provide working frequency for MCU