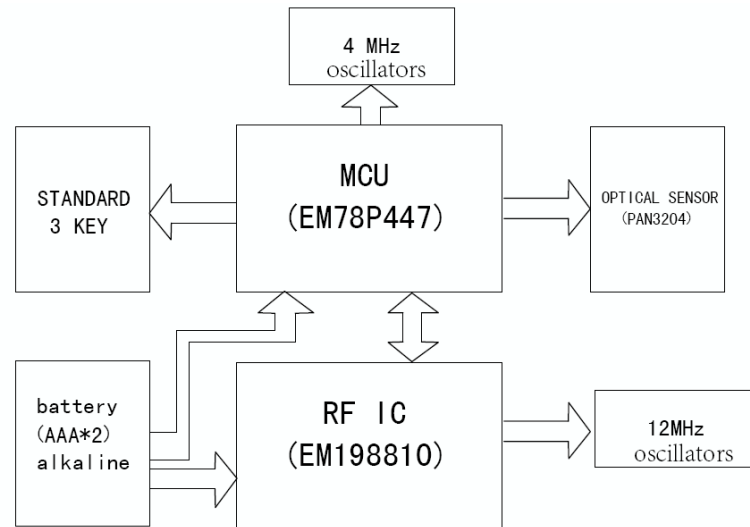# Circuit description

The transmitter of the EUT is supplied by 2*AAA batteries and employing GFSK modulation in 2.4GHz band.

The encoder generates a digital code serially transmit (typical designation),
The 12M crystal oscillator driver the base of MCU.MCU will read the status of Optical Sensor, Encoder and Buttons, then control the RF chip by thru the SPI Bus, and the Modulation type of RF chip is GFSK, the frequency of Modulation is 150 KHZ, and the output power of RF chip is -5dBm.

The antenna is PCB antenna without connector.
The ground is only that of the printed circuit board, no external ground connection.