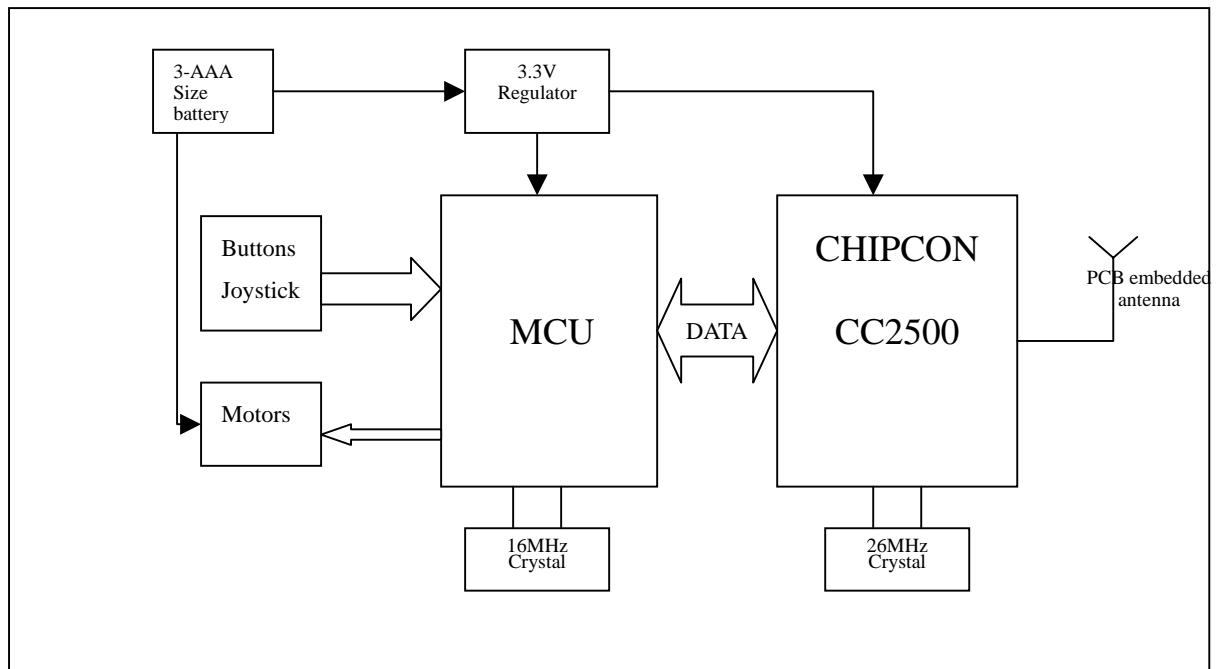


## 2. Controller side



### Circuit Description

The 16MHz crystal oscillator drives the Host MCU to control the joystick's buttons and motors working. And the 26MHz crystal oscillator modulate IC (CC2500) to transmit the 2.4G signal to connect with receiver.

**Antenna, Ground and Power Source** The antenna consists of a 2cm long of the printed mass copper board. There is no external ground connection. The ground is only that of the printed circuit board.

3 AAA size batteries supply the 12V power and through regulator output 3.3V voltage for IC working.