Circuit Description

3x1.5v batteries, regulated to 3.3v by U4 as supply to the MCU and 2.4GHz RF module.

MCU drive Mono-direction Motor M2 through Q13 and drive Bi-direction Motor M1 through the bridge network Q6,Q7,Q8,Q9. Connected with 2.4GHz RF moduleby SPI interface.

2.4GHz RF module is a GFSK transceiver embedded packet processing engines, modulator, demodulator and operate with a crystal osc 16MHz with PCB antenna.