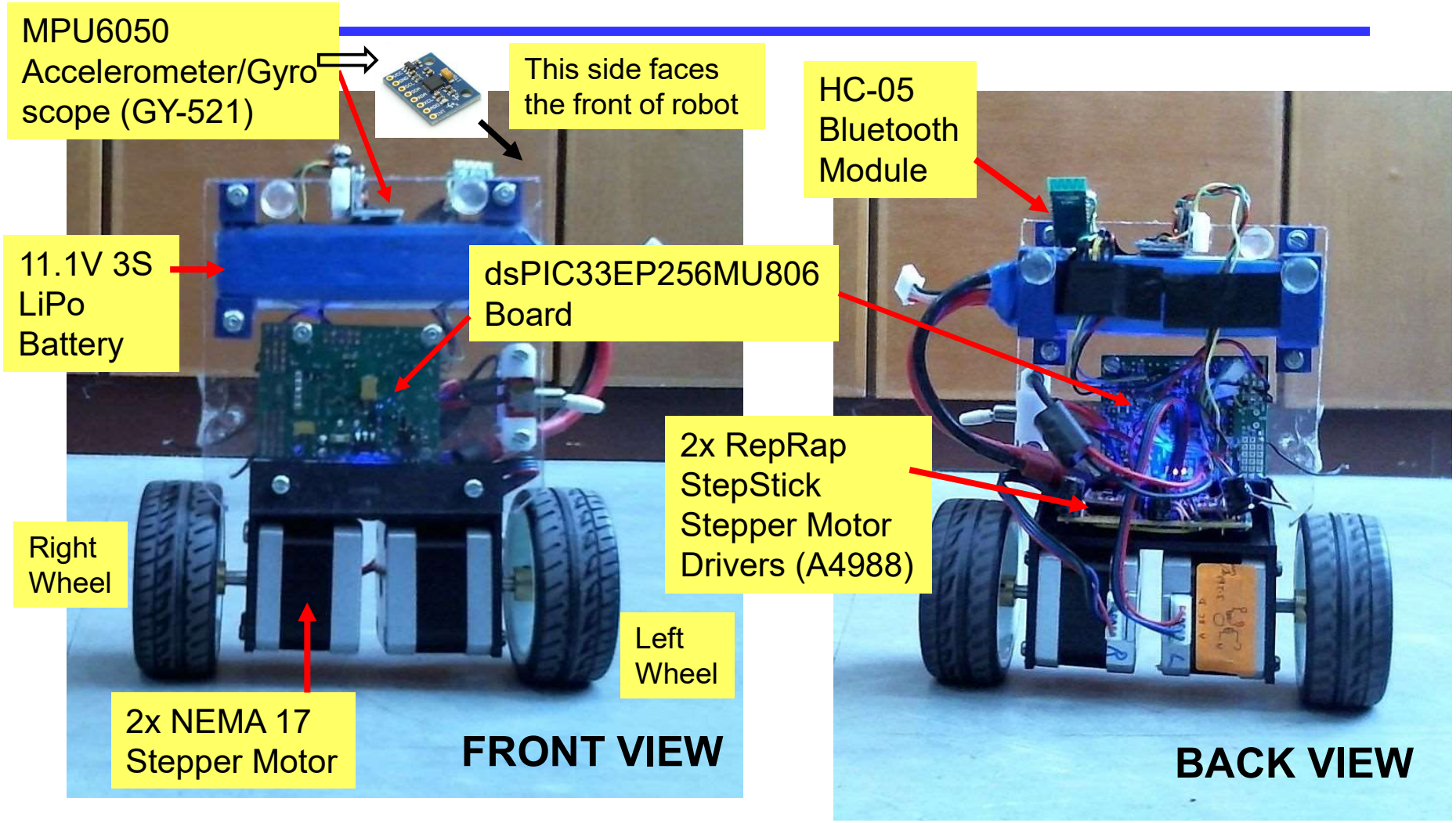
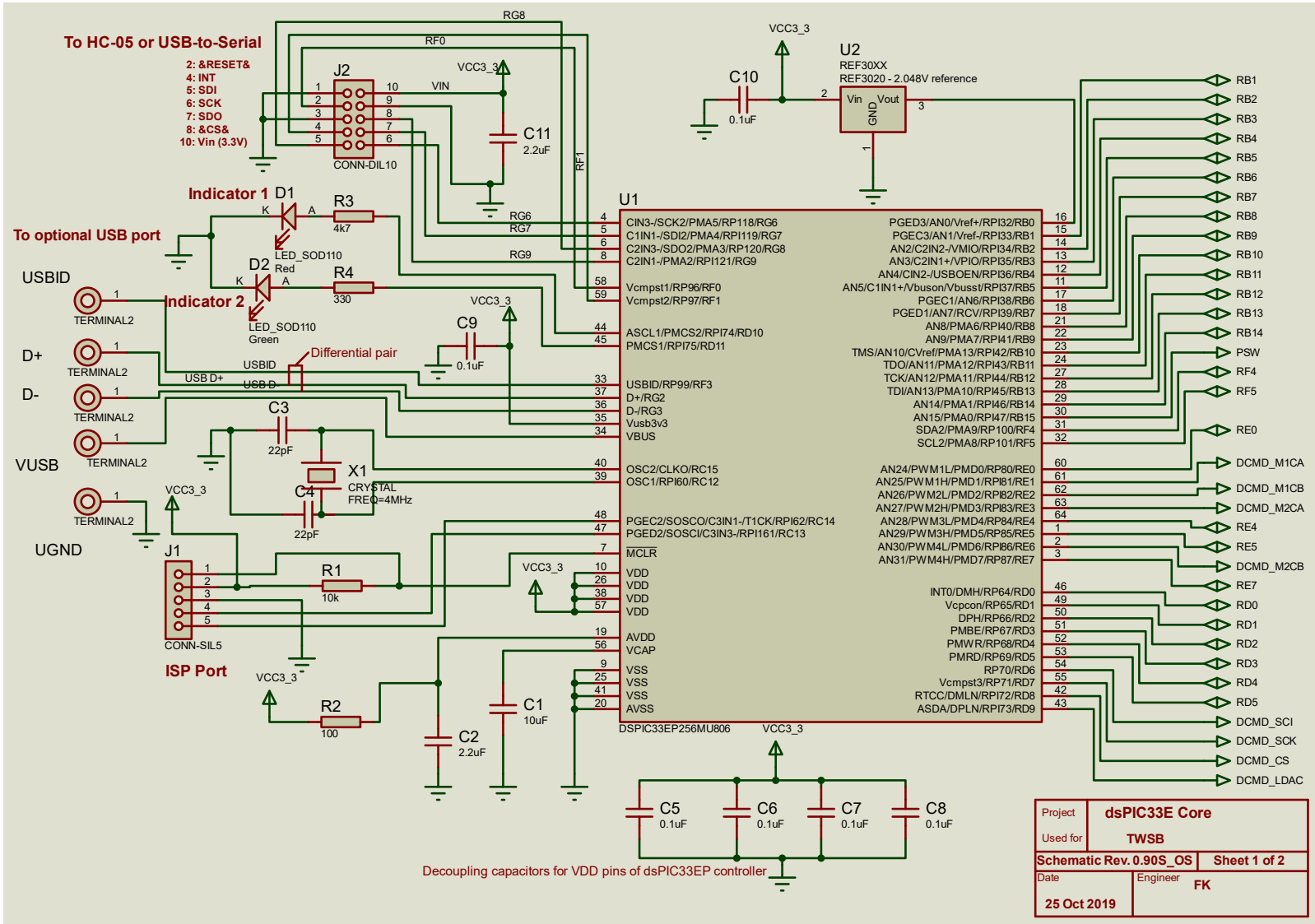
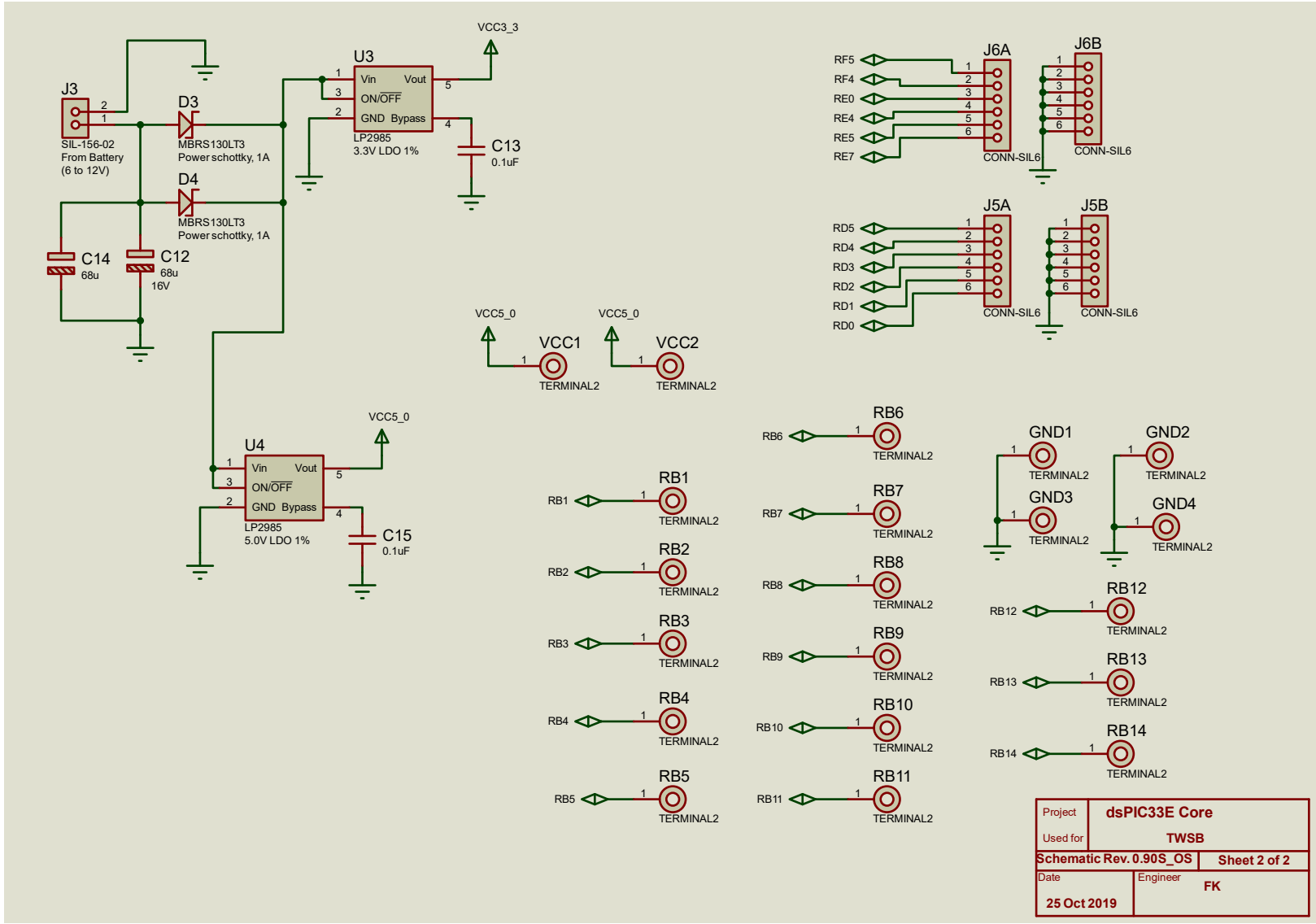
Physical Construction



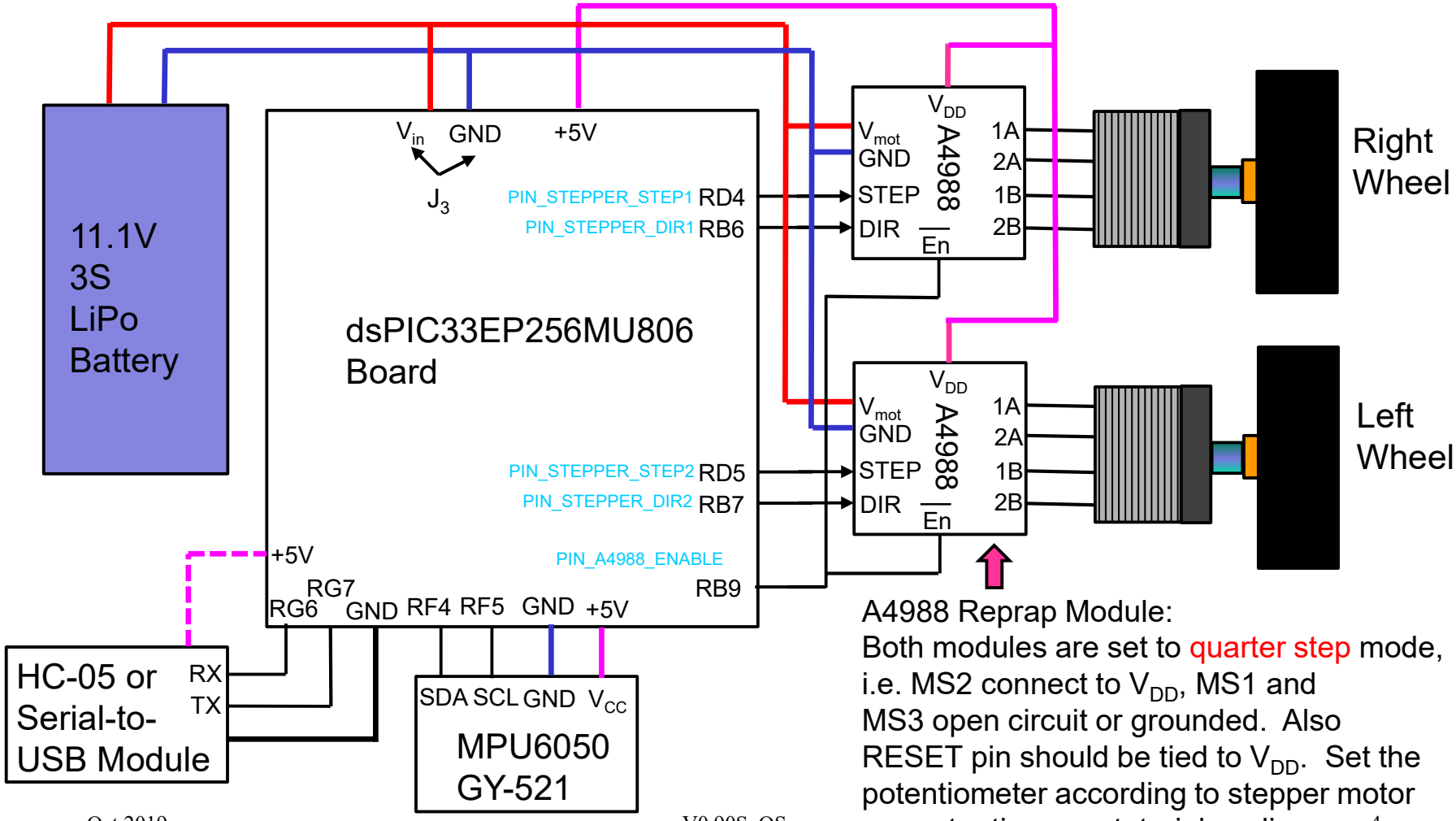
dsPIC33EP256MU806 Board (1)



dsPIC33EP256MU806 Board (2)



Wiring Diagram



A4988 Reprap Module:
Both modules are set to quarter step mode, i.e. MS2 connect to V_{DD}, MS1 and MS3 open circuit or grounded. Also RESET pin should be tied to V_{DD}. Set the potentiometer according to stepper motor current rating, see tutorials online.

Building the Firmware with MPLAB-X IDE