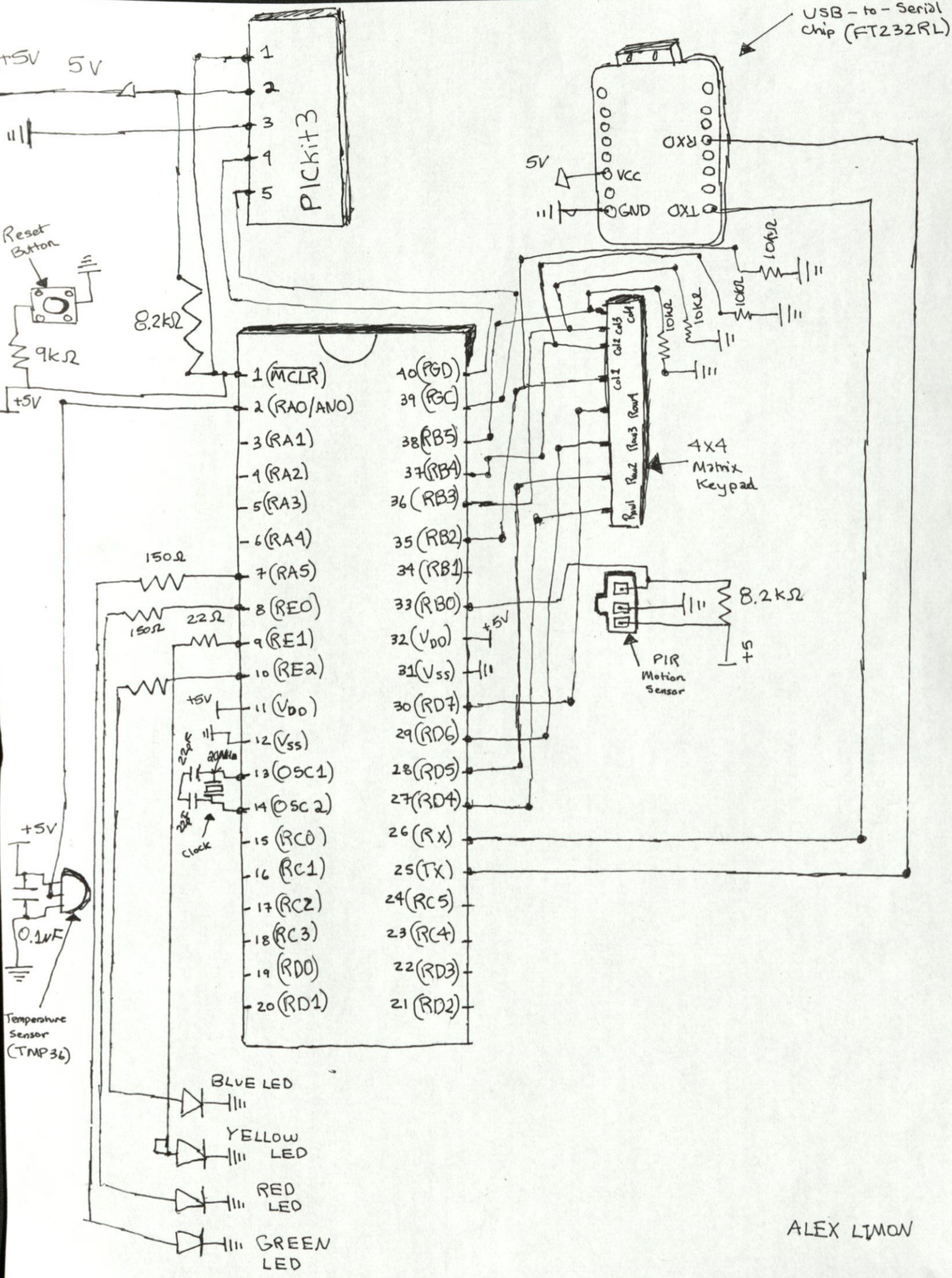
USB - to - Serial Chip (FT232RL)
+5V
5V
PICkit3
1
2
3
4
5
5V
VCC
GND
RXO
TXO
Reset Button
8.2kΩ
9kΩ
+5V
10kΩ
10kΩ
10kΩ
10kΩ
4x4 Matrix Keypad
1 (MCLR)
2 (RA0/AN0)
3 (RA1)
4 (RA2)
5 (RA3)
6 (RA4)
7 (RA5)
8 (RE0)
9 (RE1)
10 (RE2)
11 (VDD)
12 (VSS)
13 (OSC1)
14 (OSC2)
15 (RC0)
16 (RC1)
17 (RC2)
18 (RC3)
19 (RD0)
20 (RD1)
40 (PGD)
39 (PGC)
38 (RB5)
37 (RB4)
36 (RB3)
35 (RB2)
34 (RB1)
33 (RB0)
32 (VDD)
31 (VSS)
30 (RD7)
29 (RD6)
28 (RD5)
27 (RD4)
26 (RX)
25 (TX)
24 (RC5)
23 (RC4)
22 (RD3)
21 (RD2)
150Ω
150Ω
22Ω
+5V
22pF
20MHz
22pF
clock
8.2kΩ
+5
PIR Motion Sensor
+5V
0.1uF
Temperature Sensor (TMP36)
BLUE LED
YELLOW LED
RED LED
GREEN LED

ALEX LIMON