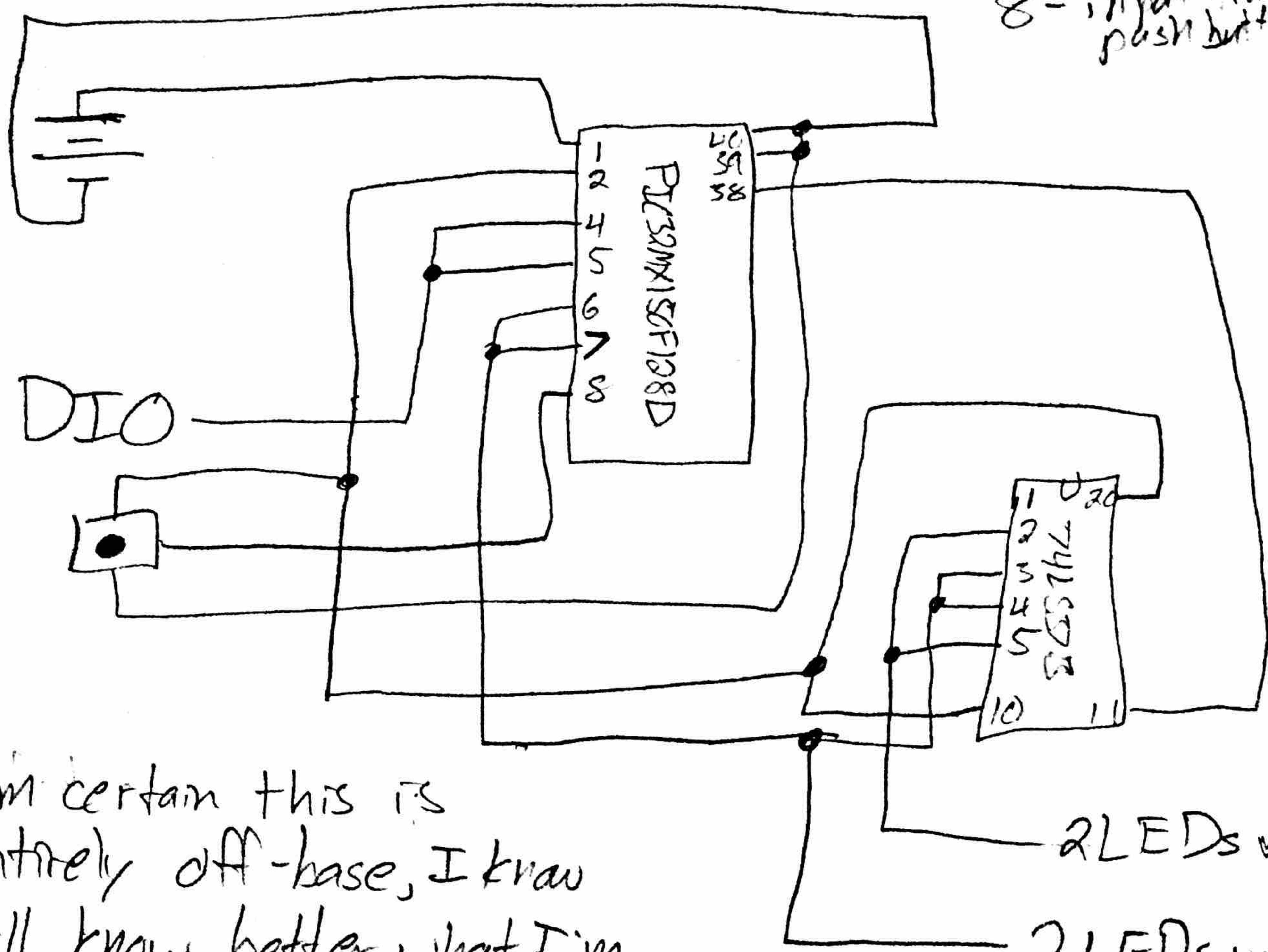


DIO has 2 outputs to the MCU

1-VIN  
2-+5.3V

40,39-GND 38-SCL (Serial Clock Line)  
6,7 - Outputs to D-Latch  
4,5 - inputs from DIO  
8 - input from push button

74LS373  
20-V<sub>cc</sub>  
11-LE  
10-GND  
34 Data input  
25 Output  
1 - Output enable (low active)



I'm certain this is entirely off-base, I know I'll know better what I'm doing in the future. I know the pin selects are notated incorrectly, but I do not remember the correct notation and have tests to study for.