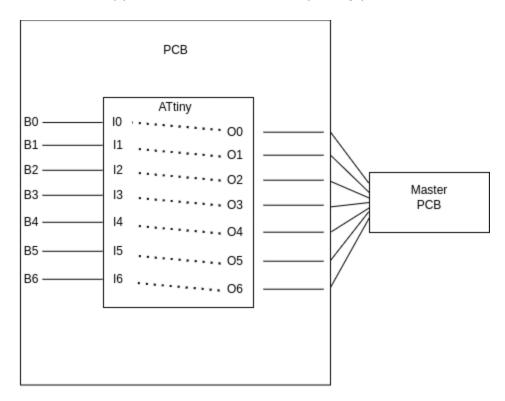# AMI

The AMI PCB is quite simple and has 7 input pins connected to 7 buttons and 7 output pins, one for each mission, after pressing the button connected to the input pins what is expected to happen is that the low signal is detected and then the correspondent output pin for that specific mission is set to high. The outputs are directly connected to the master PCB. It sould be noted that the default value on the input is high so basically when the button is pressed the pin will change to low and then it is up to the ATtiny microprocessor (programmed by us) to deal with the change and set the correct output pin to high. The initial approach will be to check the input status variables at every loop iteration an approach that resembles a polling process.

B - Button   I - Input pin   O - Output pin