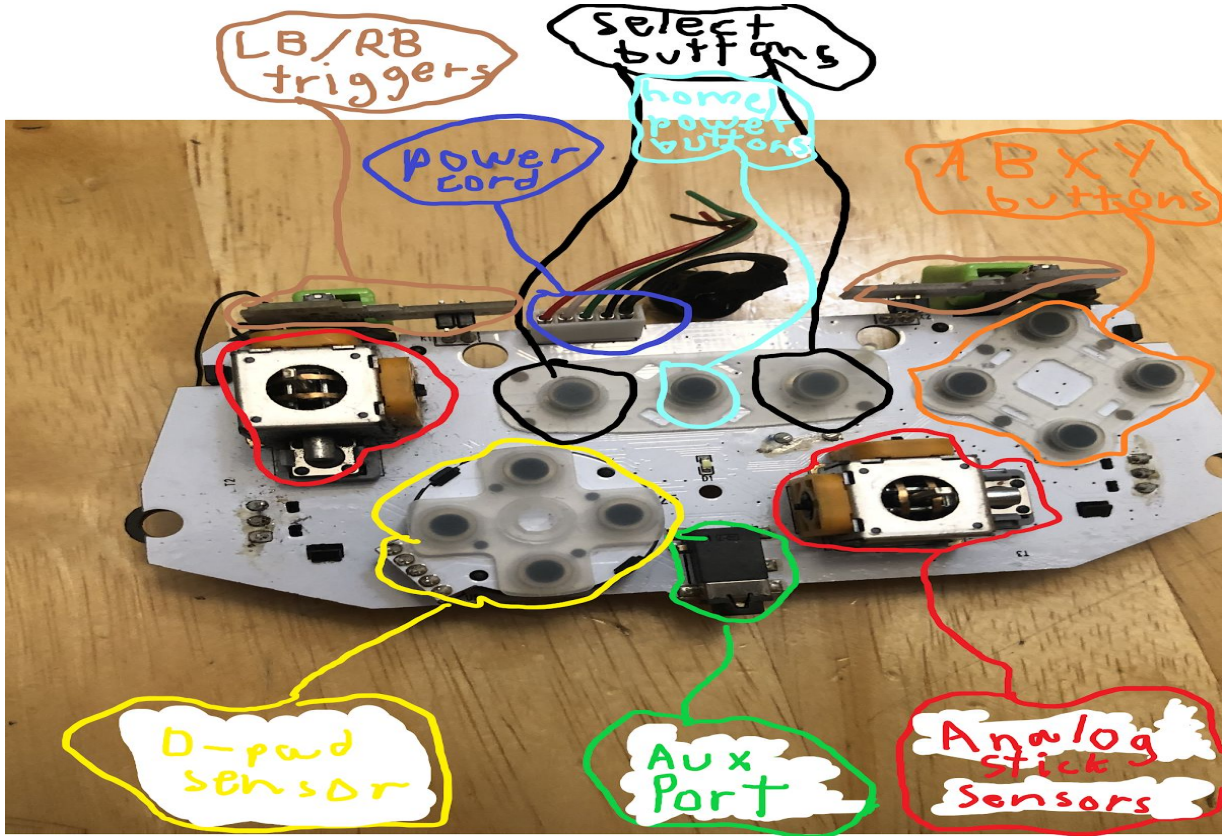
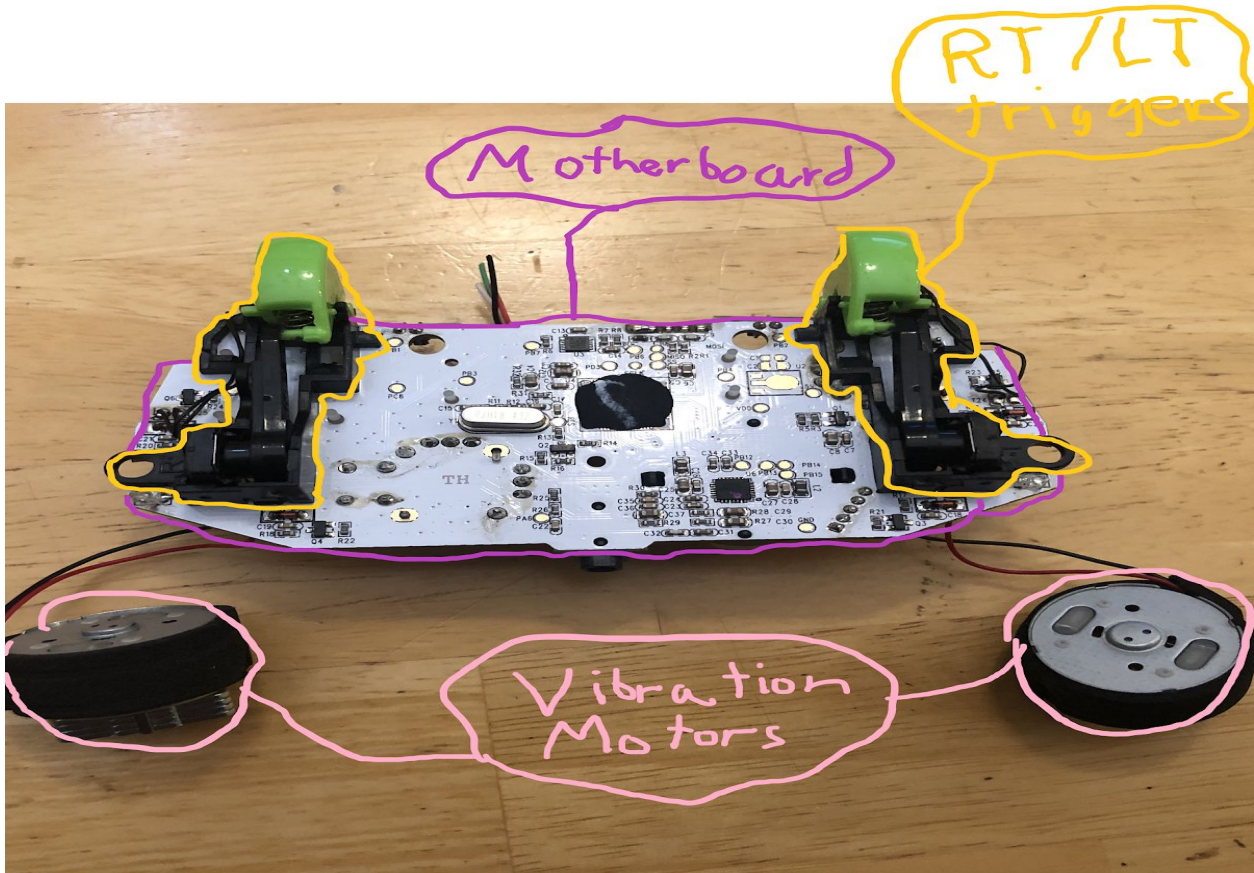


Henry Kei
Per. 7
Team 4073B
Mr. Anderson
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I chose the PowerA Xbox Mini Controller. The reason why I chose this electronic is because it is fairly easy to disassemble and does not have numerous tiny little screws. Inside there were Analog Stick Sensors, RT and LT Trigger Sensors, LB and RB Trigger Sensors, a D-Pad Sensor, an Aux Port, Power/Home Button, Select Buttons, PowerA Mini Xbox Controller Motherboard, Vibration Motors, a Power Cord, and A, B, X, Y Buttons. There are no TI (Texas Instrument) parts inside the controller. All the triggers and buttons are controls for different games and how you control the console. The motherboard is the brain of the controller and tells the console what the sensors and triggers want it to do. Aux Ports intake headphone jacks and feed sound into the headphones from the game and console. The Power Cord is what connects the controller and console, it is basically the messenger for the controller to the console. What I learned from this experiment was above and beyond. Before I just played with it, not bothering what was inside and after opening it I found how it works and how the controller vibrates. I now also know how to fix buttons and replace the parts.







Motherboard

RT / LT
Triggers

Vibration
Motors