

THIS IS HOW A MADE A WIRED (REMOVABLE) PC GUITAR HERO CONTROLLER WITH A BROKEN GUITAR HERO WORLD TOUR PS2 WIRELES CONTROLLER USING AN ARDUINO LEONARDO BOARD. YOU CAN USE ANOTHER GUITAR HERO'S GUITAR MODELS AS WELL.



INSIDE OF GHWT PS2 GUITAR





STEP 1: NECK GUITAR CONNECTOR, I'VE REPLACED THE ORIGINAL WIRES.



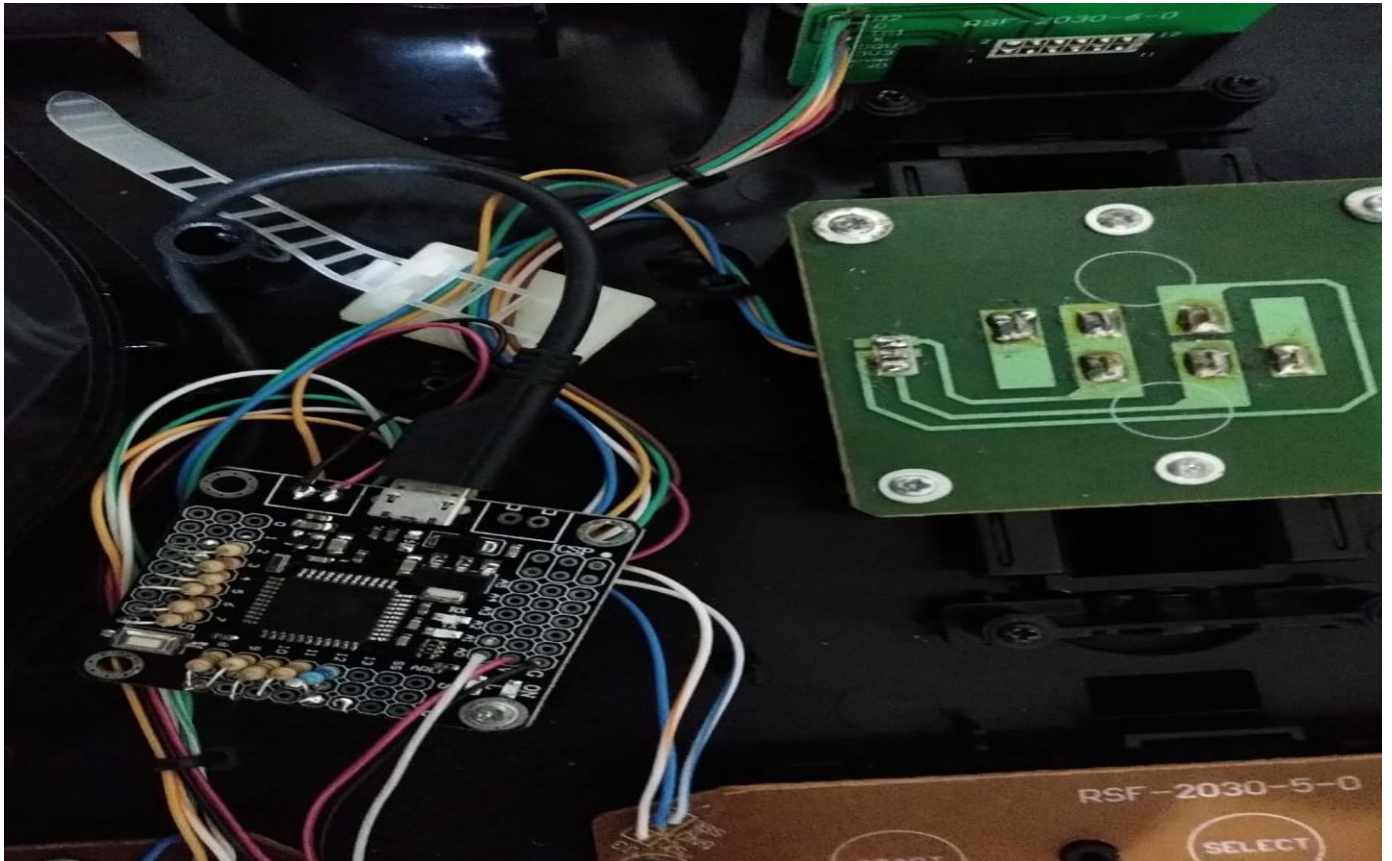


STEP 2: TURN THE RJ11 GUITAR CONNECTOR INTO AN USB INPUT



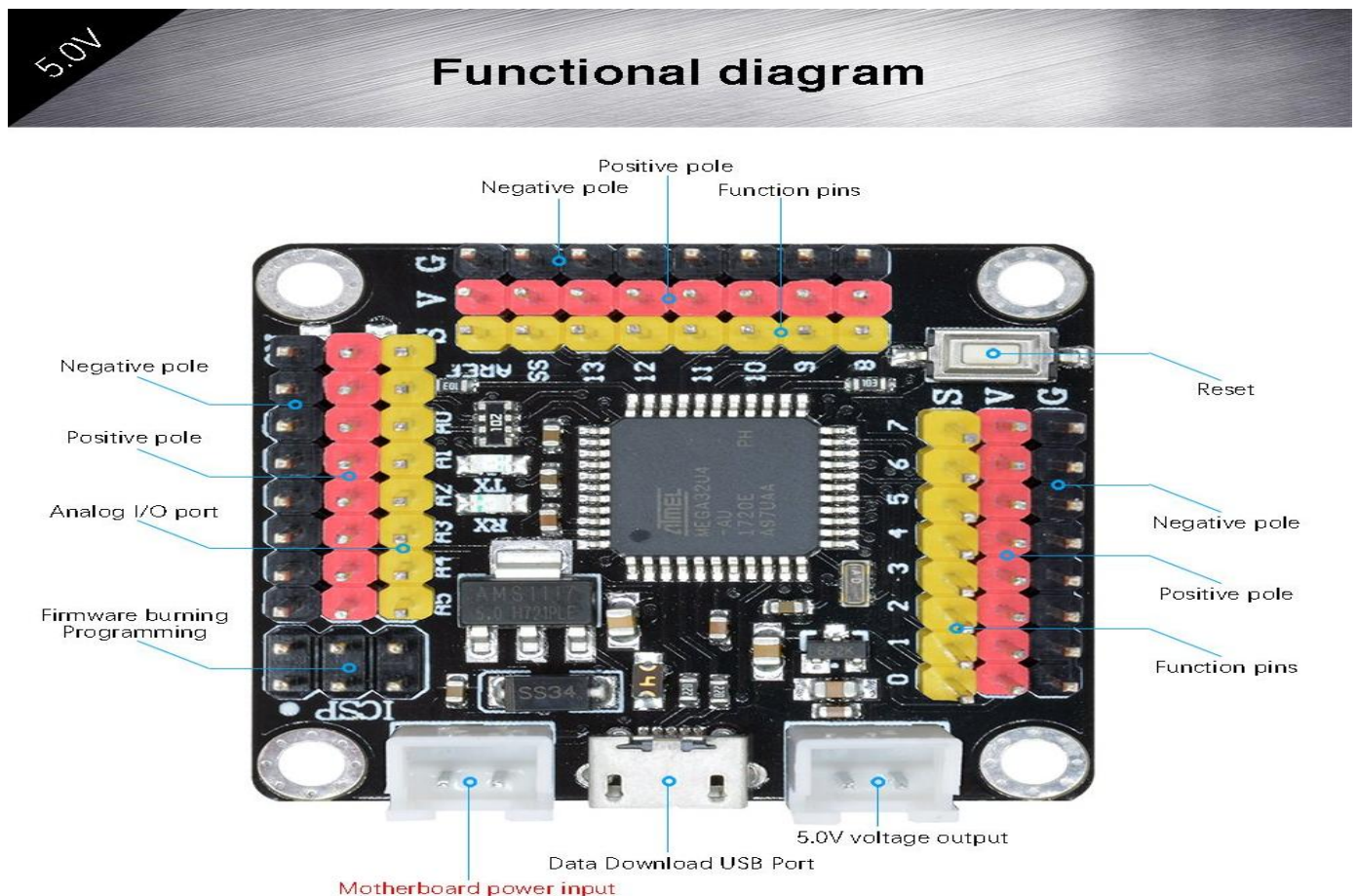


STEP 3: AFTER REPLACING THE WIRE ON THE OTHER BOARDS AS STAR POWER – START BOARD, STRUM BOARD, DPAD BOARD, WHAMY BAR, I WELDED IT ON THE ARDUINO BOARD. I USED 4.7K EXTERNAL RESISTORS, IF YOU WONT TO USE EXTERNAL RESISTORS YOU DON'T NEED TO. MORE EXPLANATIONS ABOUT IN ON THE ARDUINO CODE.



THIS IS THE BOARD THAT I'VE USED.

<https://www.amazon.co.uk/diymore-ATmega32U4-Arduino-Leonardo-ATmega328/dp/B07CJ7WRNG>





GUITAR WORKING READY TO RECEIVE THE CODE.

