

XBOX 360

Ragnarok II and Remapper

Rigid Modchip

Installation Instructions



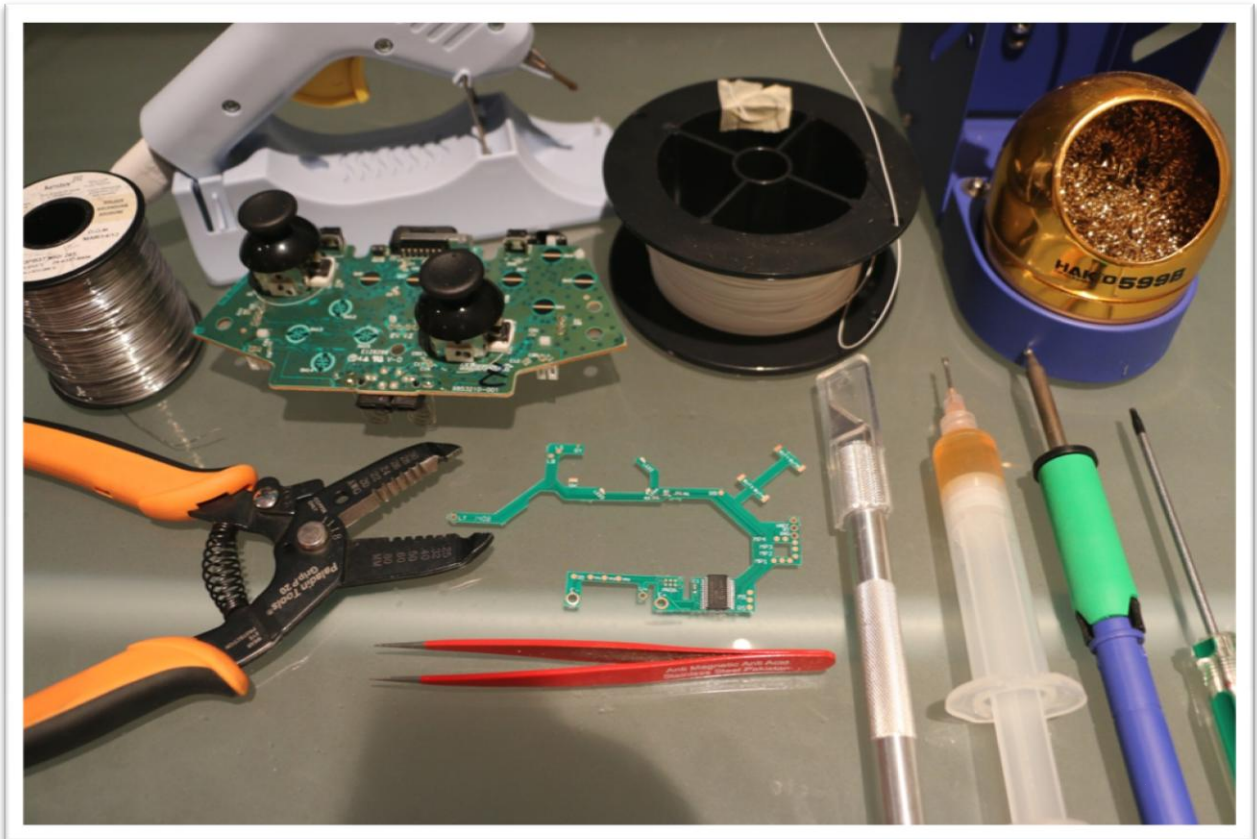
Revised 6/19/2014



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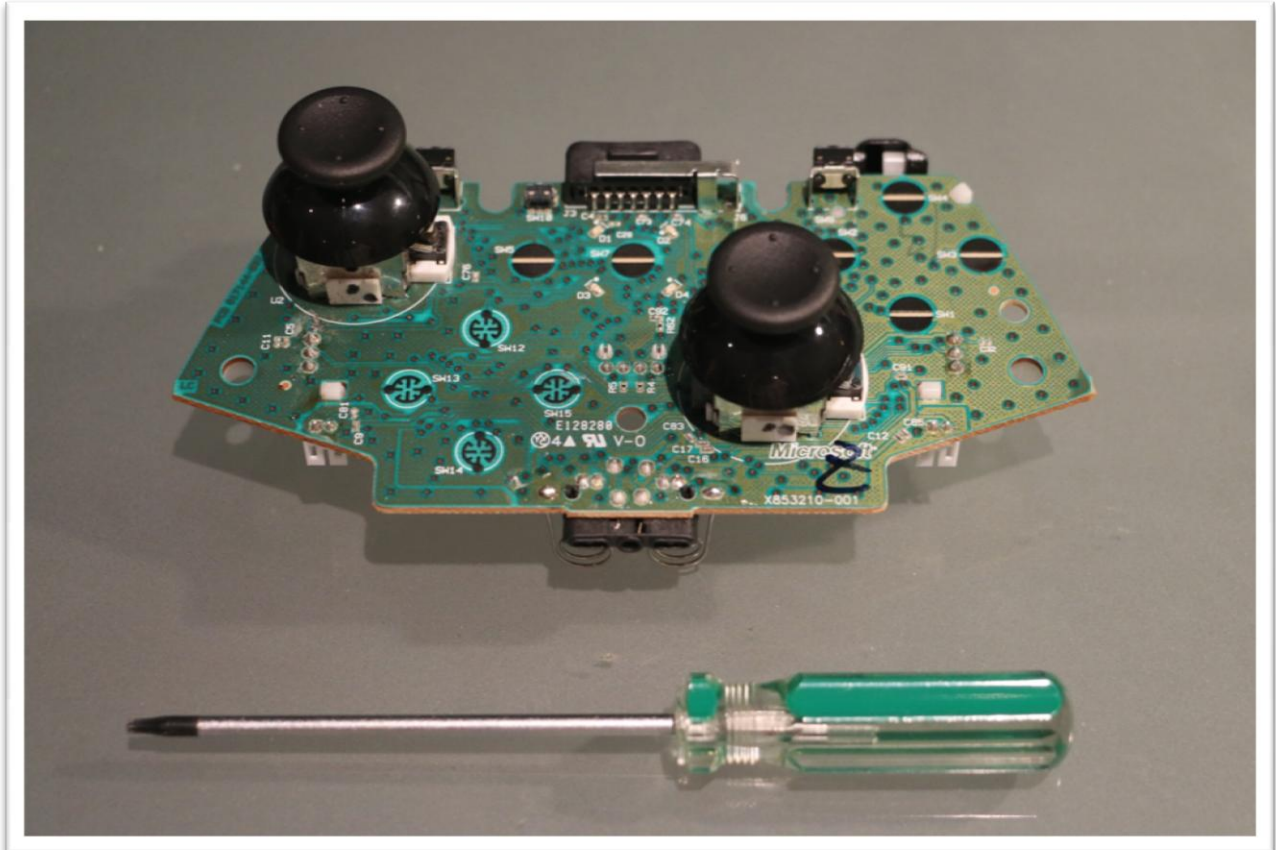
Tools needed

- XBOX 360 Controller
- XBOX 360 Ragnarok II, or, XBOX 360 Remapper modchip
- Soldering iron and solder
- 30 AWG wire (American wire gauge) or similar
- Wire strippers (capable of stripping above wire)
- Xacto knife or fiberglass pen (for scraping the 360 circuit board)
- Torx8 Tamper/Security Screwdriver (for XBOX 360 controller)
- OPTIONAL: Power drill (for optional mod switch)
- OPTIONAL: 9/64 inch drill bit (for optional mod switch)
- OPTIONAL: Hot glue and glue gun (for optional mod switch)
- Safety glasses
- Additional useful items: flux, tweezers, scissors, wire snippers, etc.



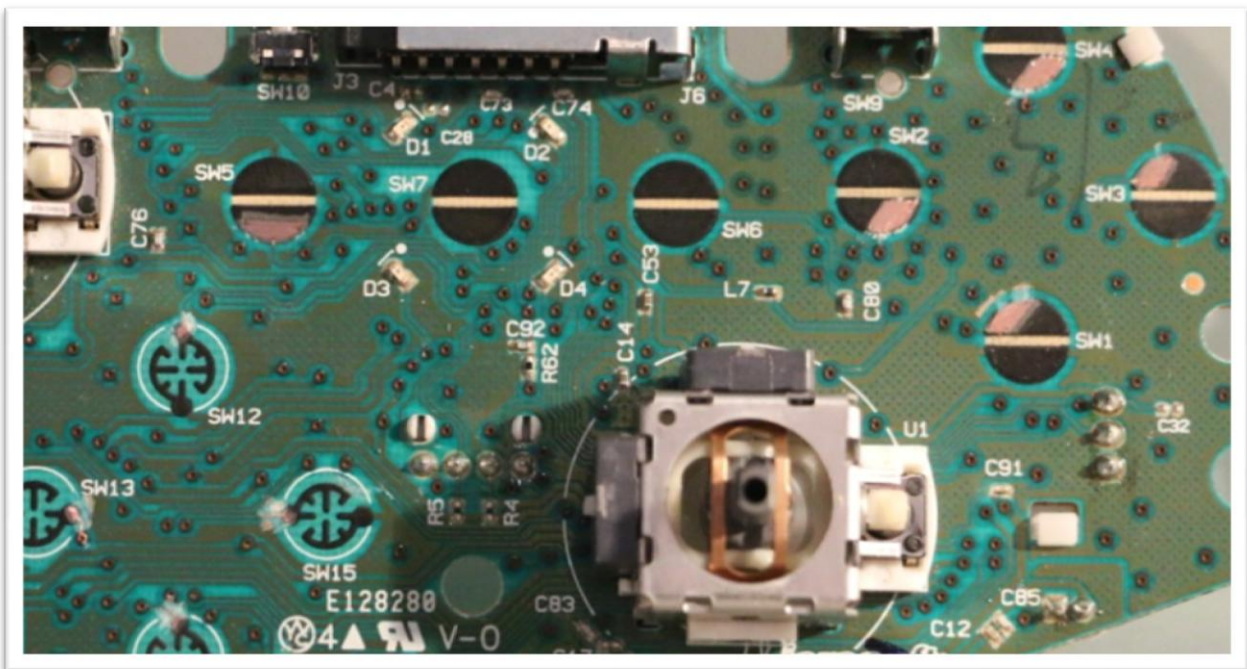
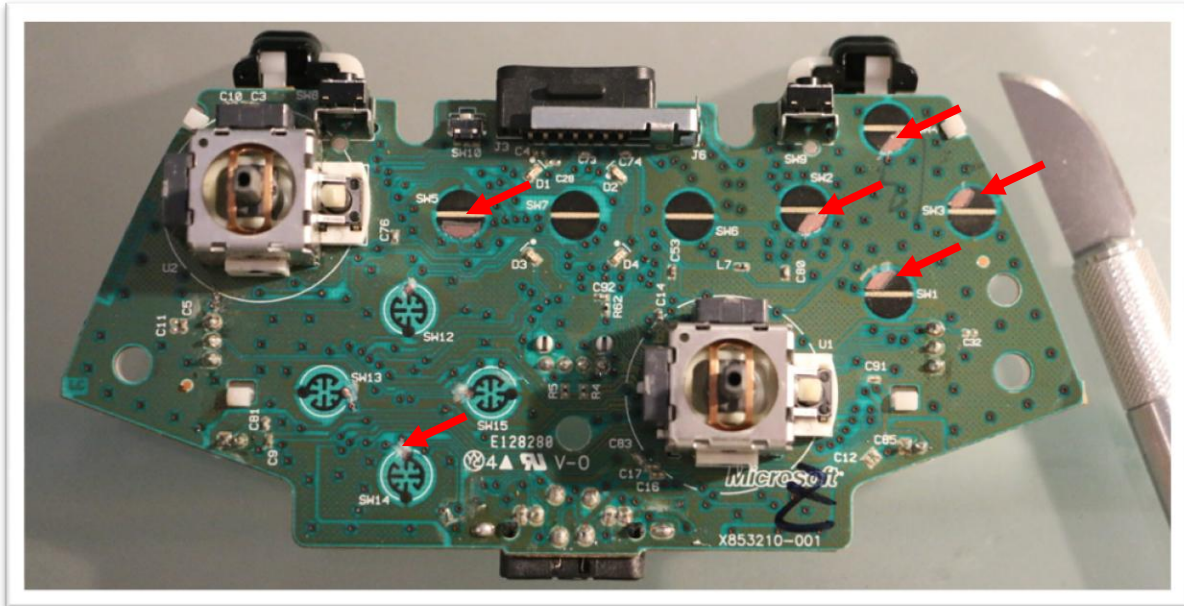
Remove the screws and cover

Remove the 7 screws from the XBOX 360 controller's shell (one is underneath the warranty/tamper sticker in the battery pack compartment) and remove the circuit board:

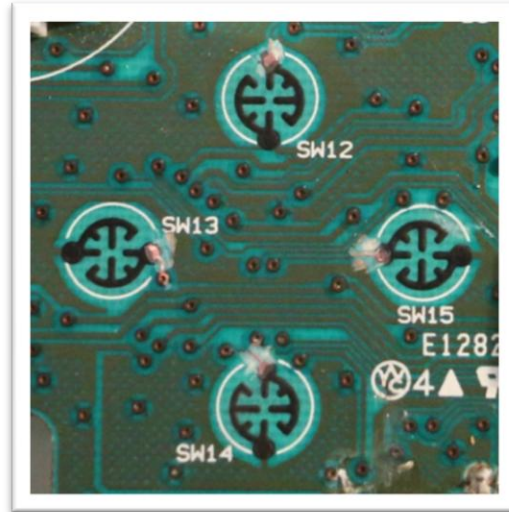


Scrape the buttons

Using the xacto knife or a fiberglass scratching pen, scrape the black epoxy off of the X, Y, B, A, BACK and the D-Pad Down. Be very careful with the D-Pad down, only remove a little bit of the black epoxy. If you remove too much, the d-pad button will stop working altogether.



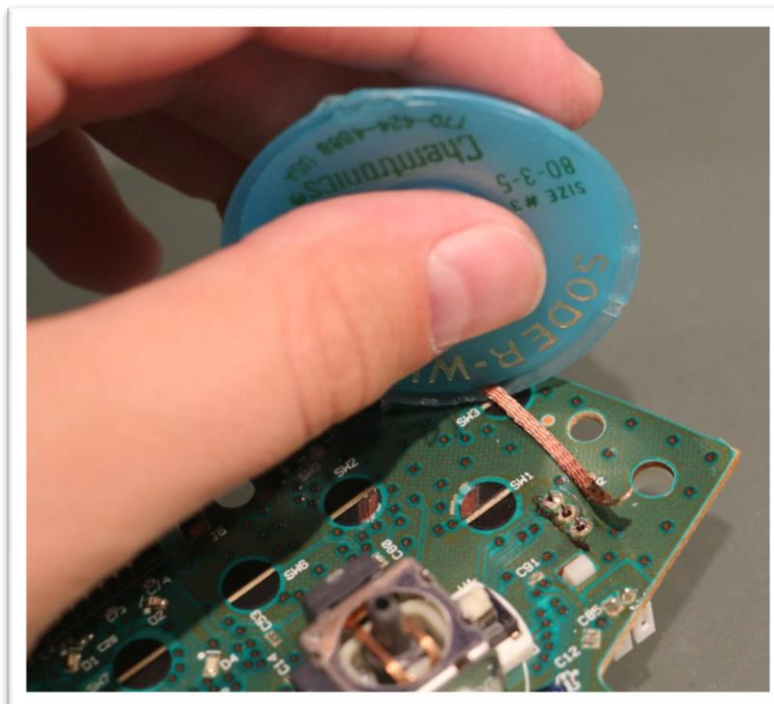
Detail of D-Pad Down scraping. Note how you should only scrape about half of the round black dot:



(Scraping the D-Pad Up, D-Pad Left, and D-Pad Right are optional for the button remapping mod.)

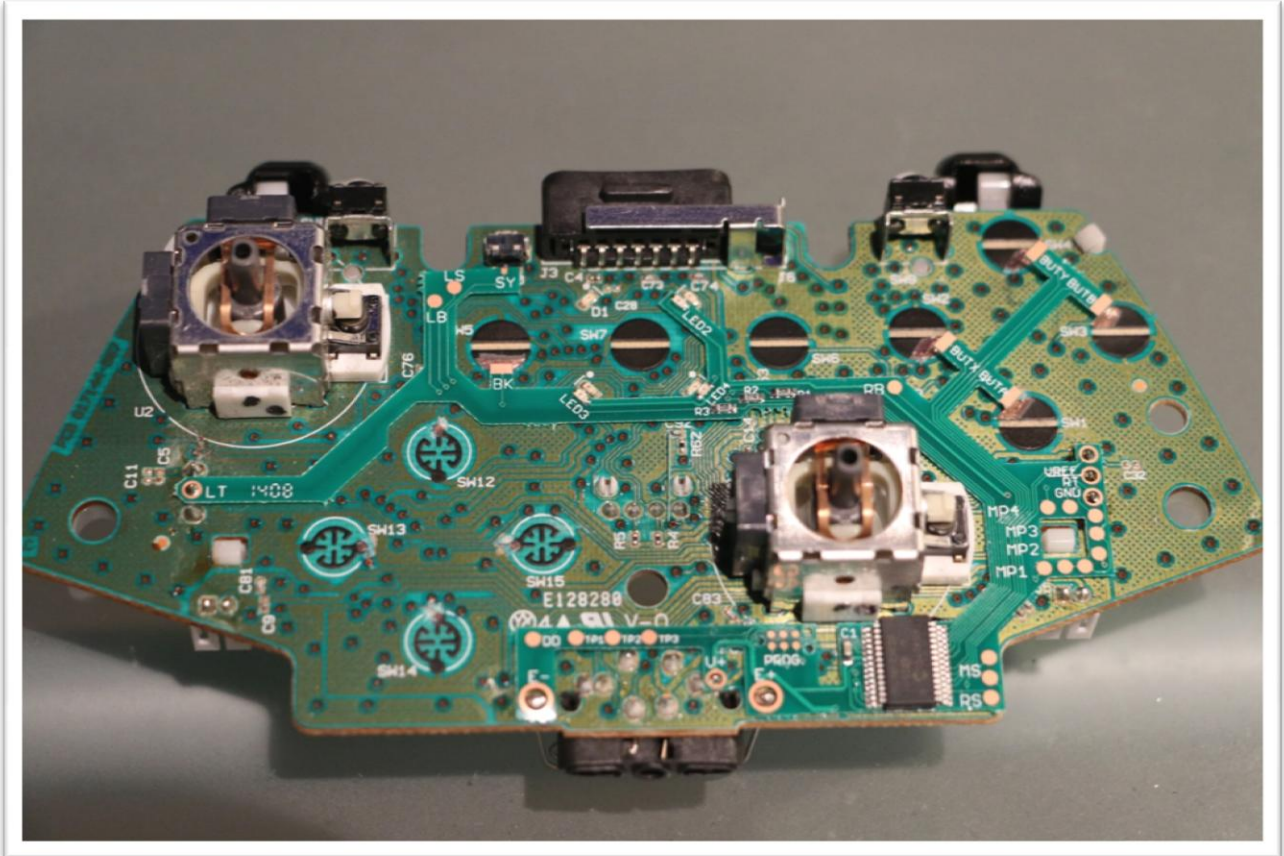
Optional: Remove Solder

This step is optional but makes it easier to lay the modchip flat. Use a solder wick to remove solder from the three solder points shown:

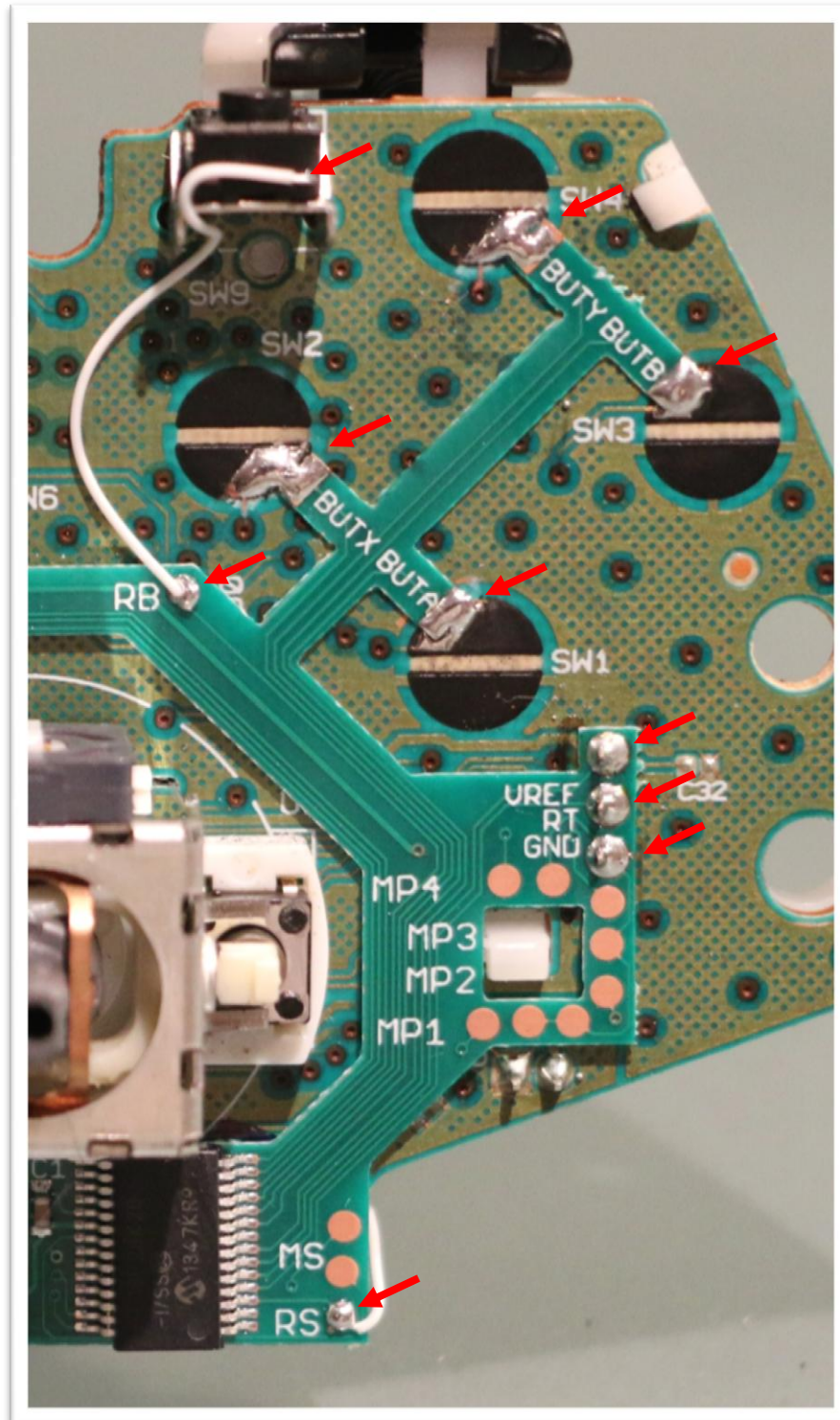


Lay Down and Solder

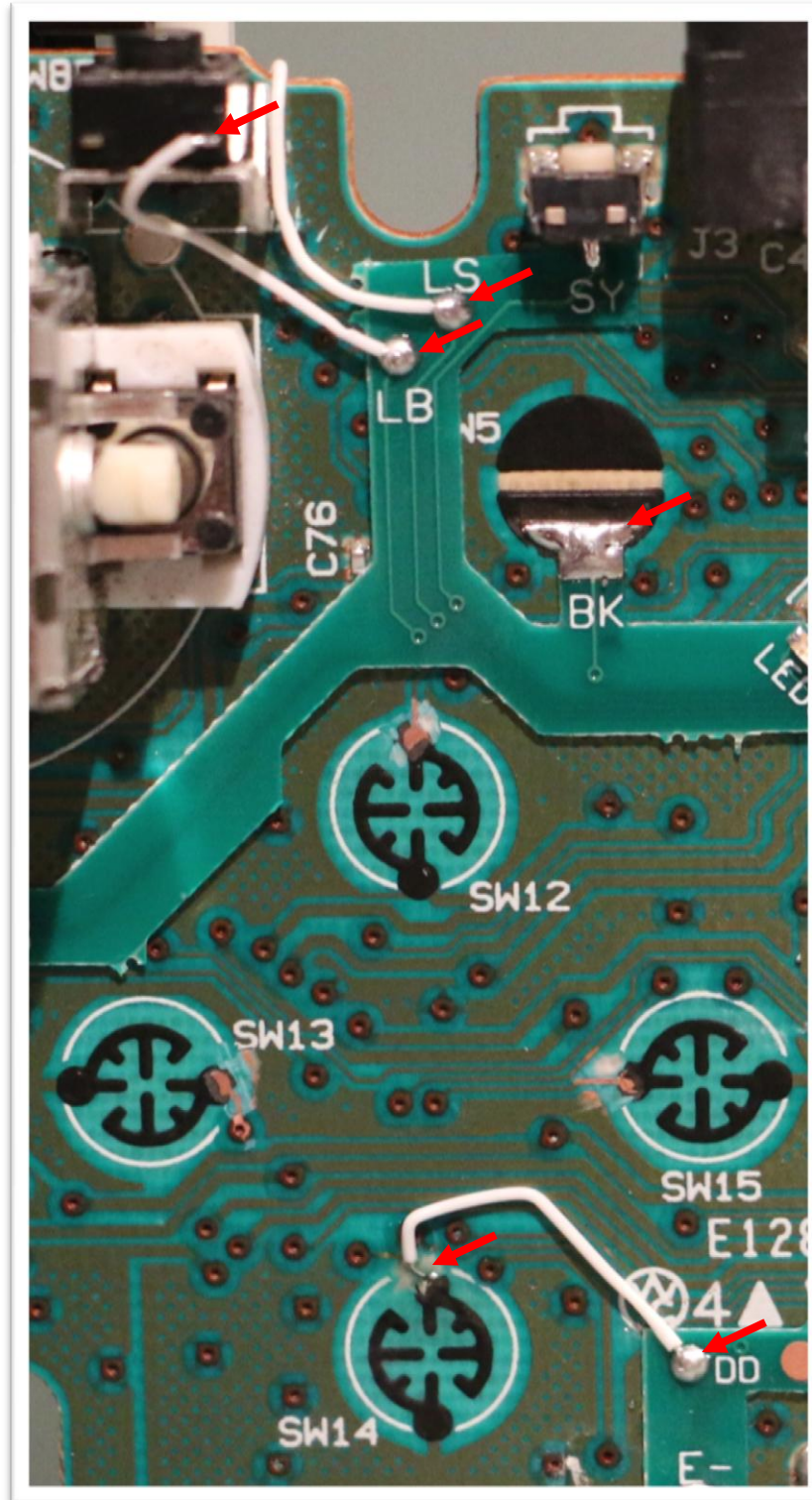
Lay down the circuit board in place:



Solder these points:



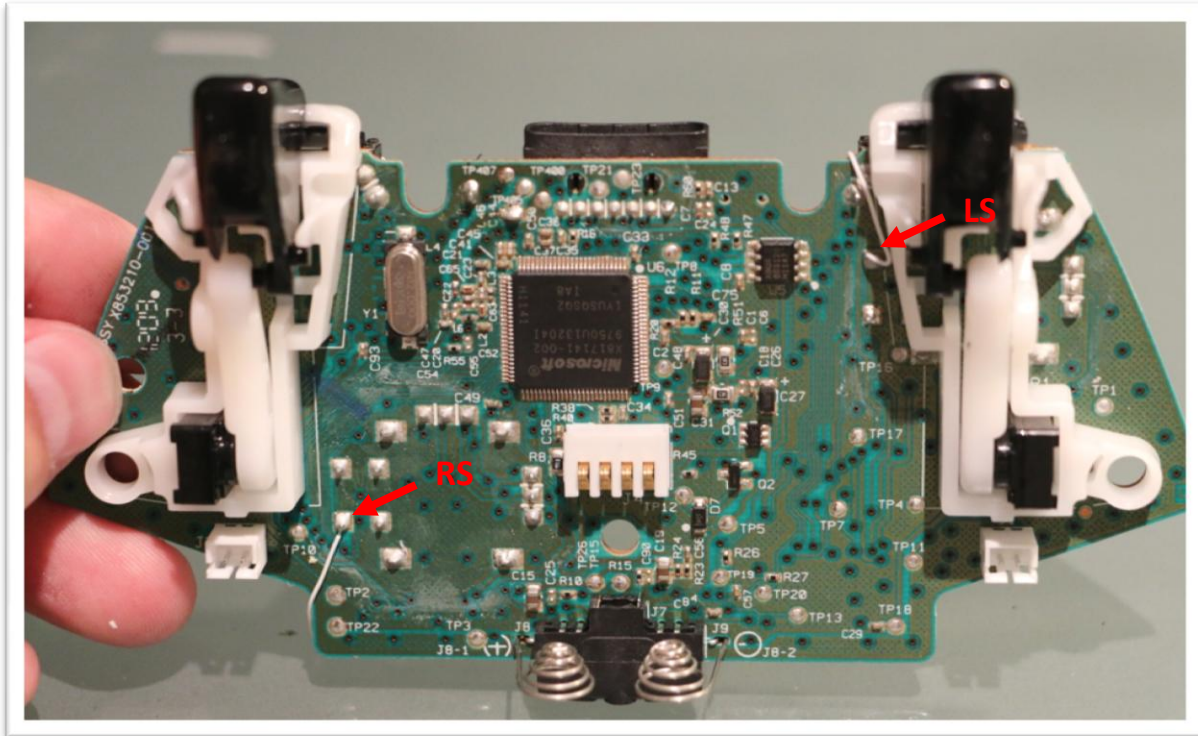
Solder these points:



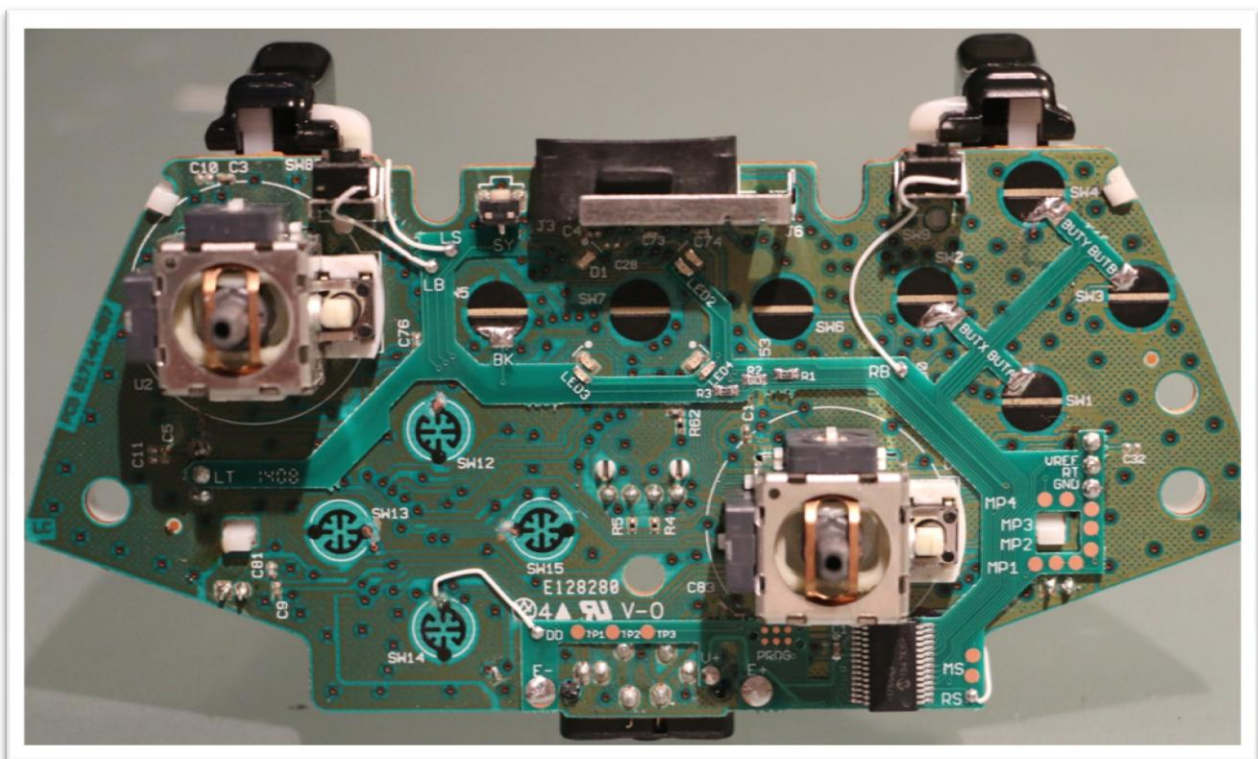


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Solder these points:



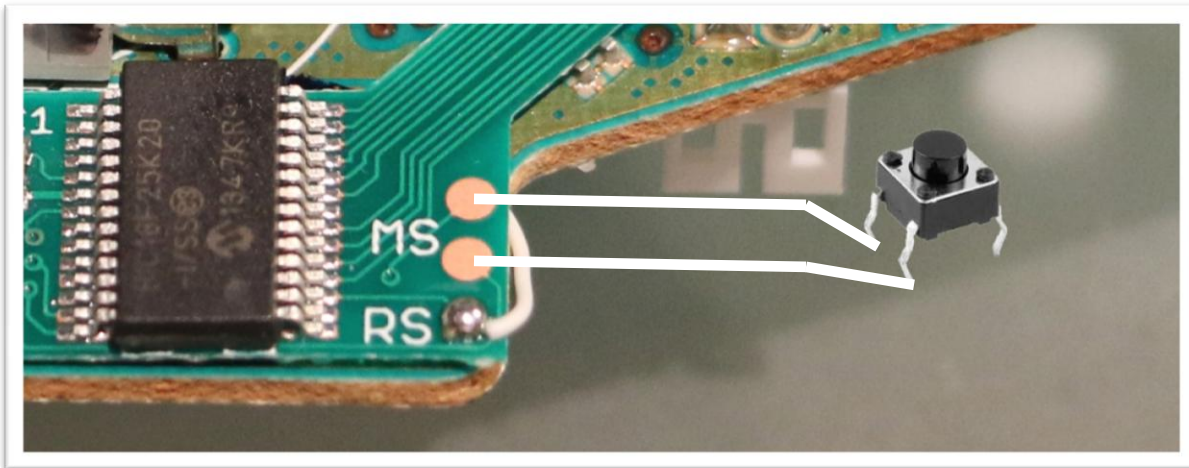
Here is the finished product:



Optional Mod Control Switch

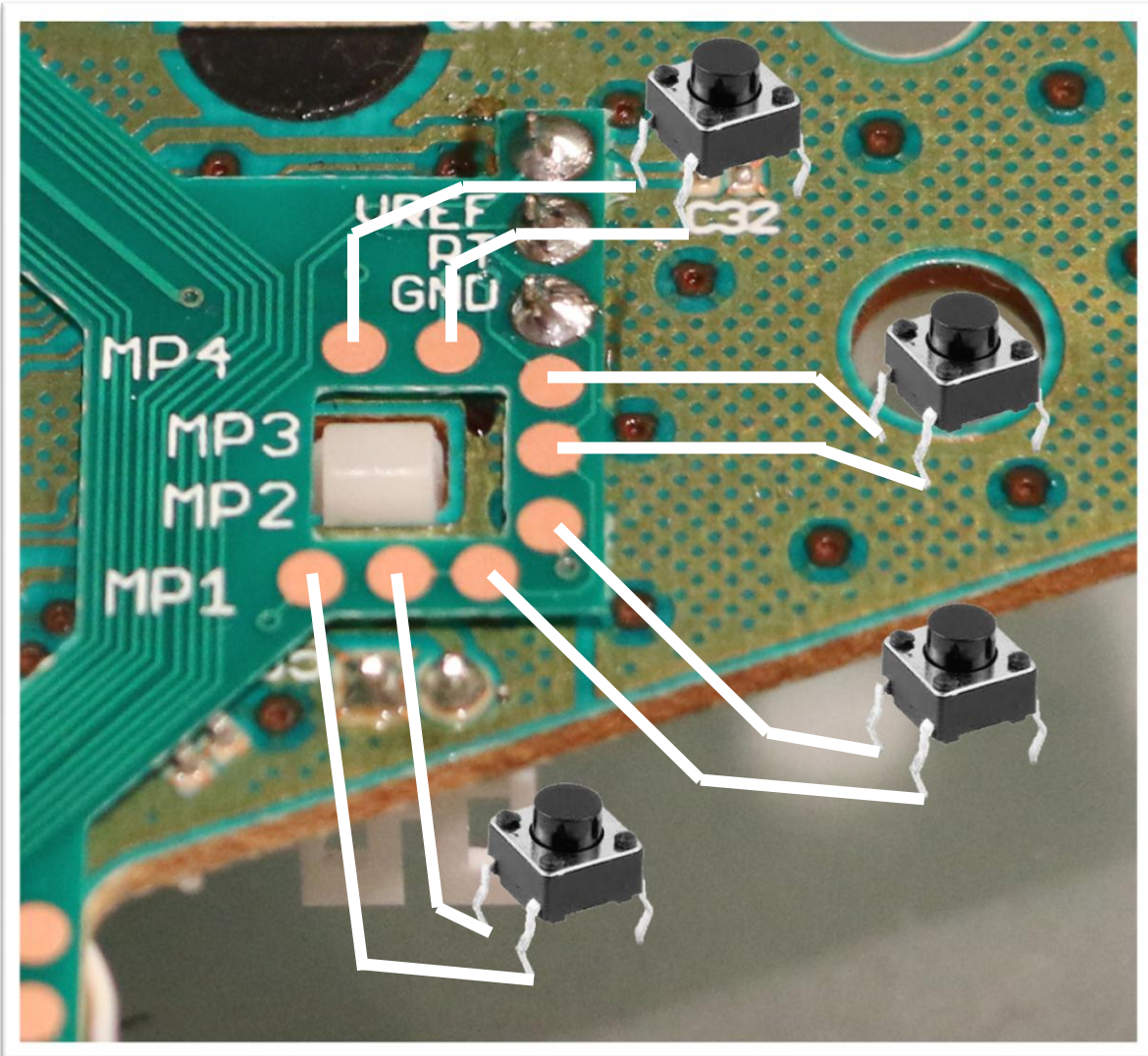
Normally the D-Pad down is used to control mods (to turn mods on and off). You may optionally install a tac switch to the “MS” connection point and use the tac switch as an external control switch instead.

The “MS” is only used for the Ragnarok II. It is not used for the Remapper.



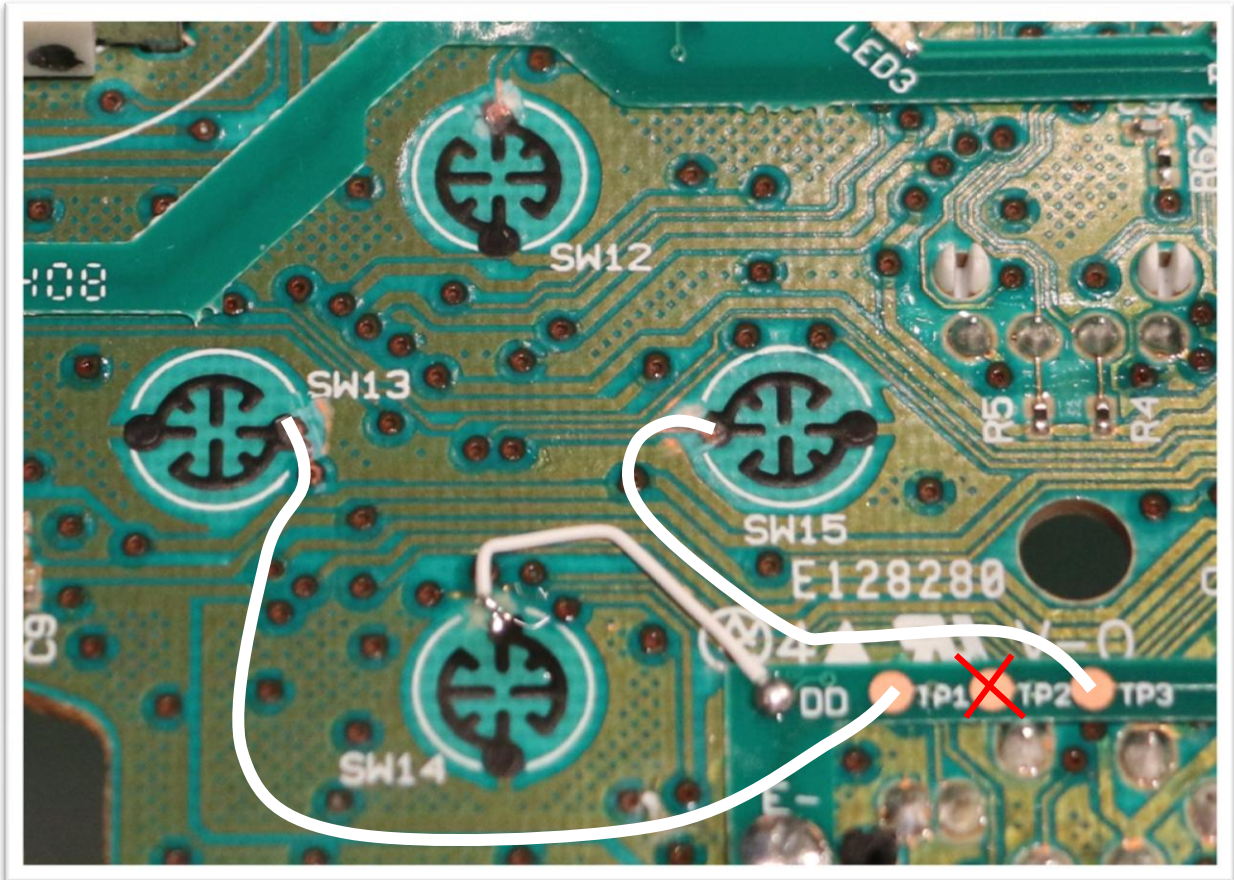
Remapping Switch Hookups

Both the Ragnarok II modchip and Remapper modchip can use these remapping switch hook-ups. You can hook-up up to four tac switches and use them as remapping switches. You can hook up as many or as few of the MP1, MP2, MP3 and MP4 switches as you'd like.



Optional for D-Pad Remapping

For remapping, you can use TP1 and TP3 to hook-up to your choice of the remaining D-Pad buttons. Here is an example where we connect to the D-Pad Left and the D-Pad Right, but you could connect to the D-Pad up instead if you wanted to:



NOTE: YOU CANNOT USE TP2.