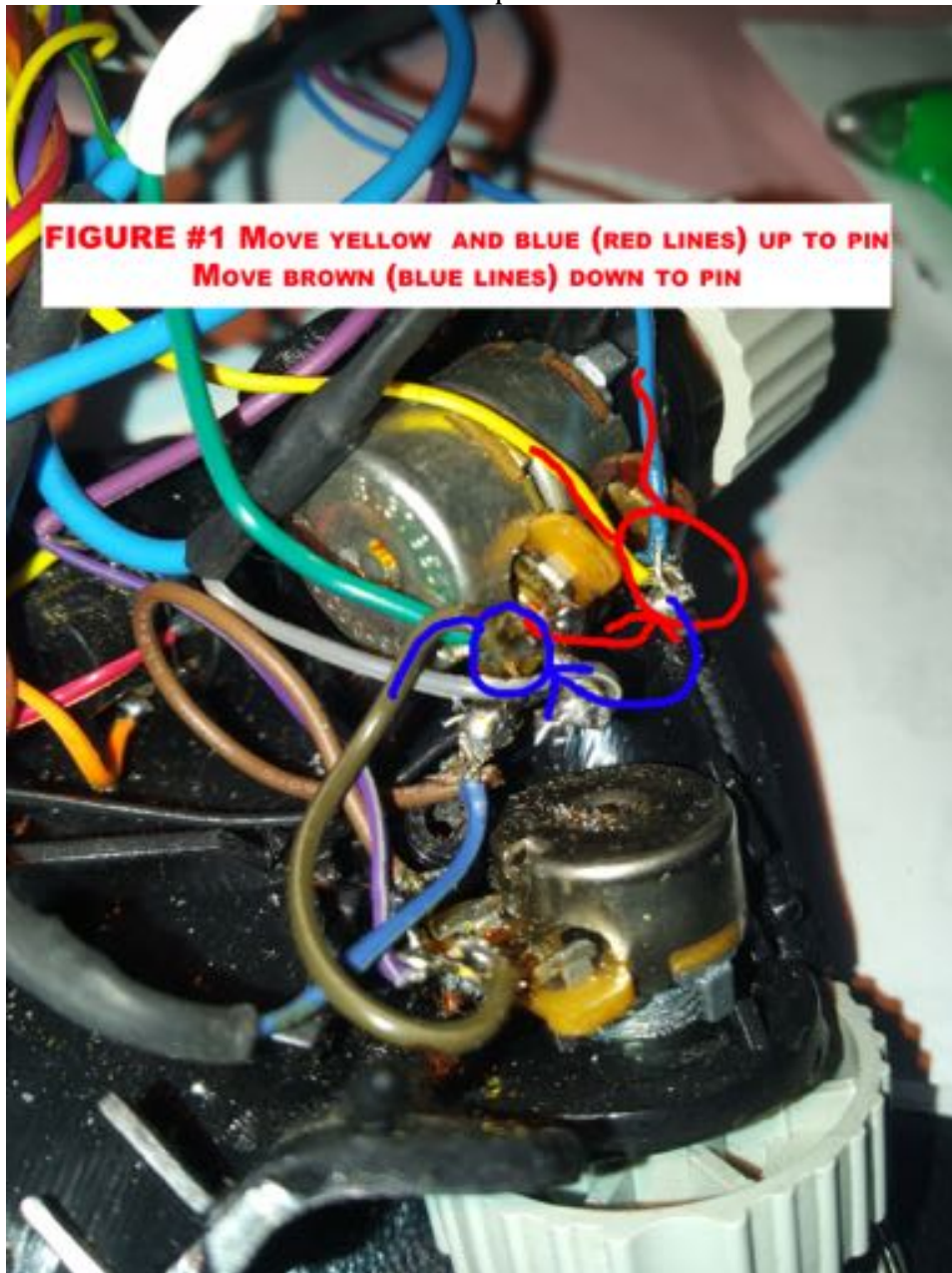


Originally Posted by SolderMonkey – ALL CREDIT GOES TO him for figuring out the wiring this way

TQS Require Without Diodes Rewire POTs (FIGURE #1)

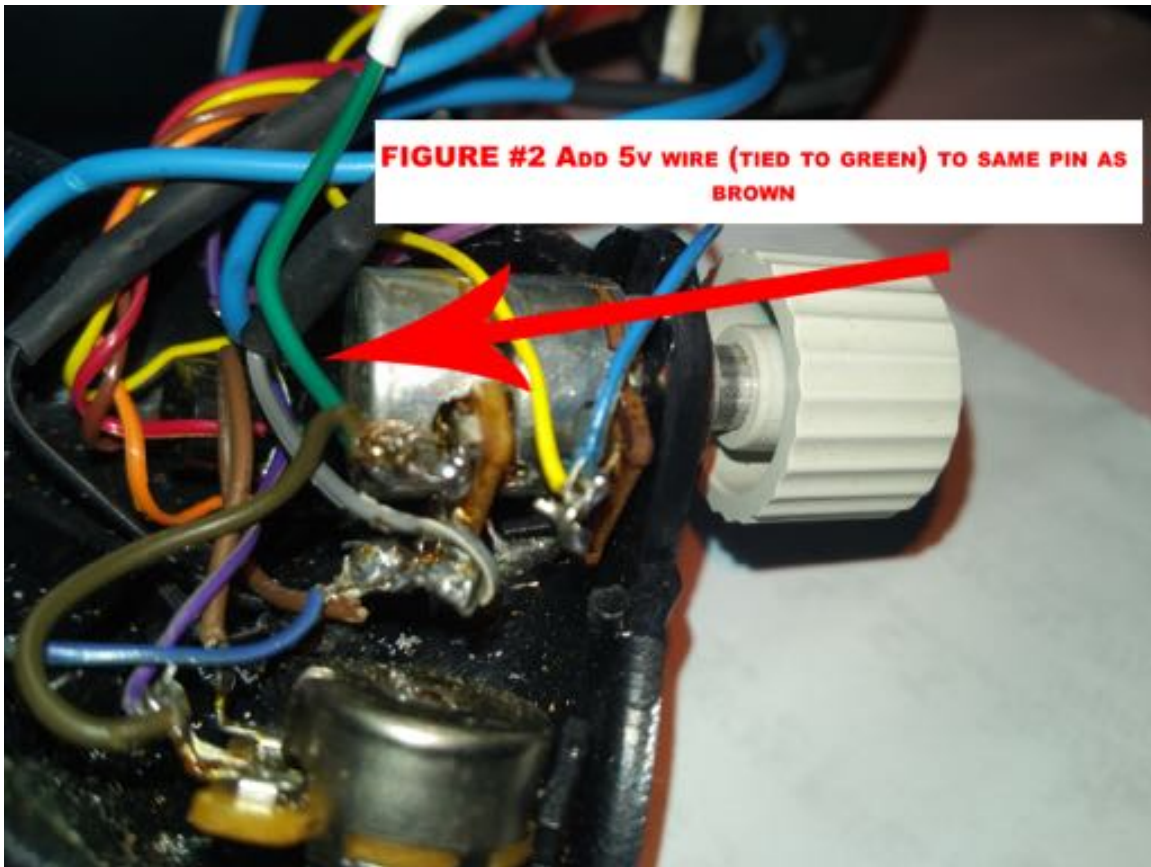
Remove the bare cheater wire on the RANGE pot/switch.

Move the Blue/Yellow wires from the left side of the RANGE pot to the left side of the RANGE Switch
Move the brown jumper wire from the left side of the RANGE switch to the left side of the RANGE pot



Swap VCC/GND Wiring (FIGURE #2)

Add a single wire from +5V to the left side of the RANGE pot. Blue 6 becomes the Ground (already in place) The Brown wires will then pass +5v and Gnd to the ANT pot.



Pinouts for Wires on Harness:

Cable Pin connections before removing end are in this orientation, wire color:

(REORDERED TO MATCH MY GRAPHIC - ORIENT CABLE SO WHITE/BLACK ON LOWER HALF TO FOLLOW)

- 14 Comm Up - Yellow
- 13 Comm Down - Orange
- 12 Comm Right - Red
- 11 Comm Left - Brown
- 10 Range knob push switch - Black
- 9 Speedbrake Forward - White
- 8 RANGE pot wiper (AXIS) - Gray
- 7 ANT pot wiper (AXIS) - Violet
- 6 Wire to RANGE pot right side - Blue
- 5 Nub Switch near Cursor Control - Green
- 4 Return Line for Switches - Yellow
- 3 Dogfight Aft - Orange
- 2 Speedbrake Aft - Red
- 1 Dogfight Forward - Brown



Sparkfun Pro-Micro pinout for MMjoy2:

TQSWIRING



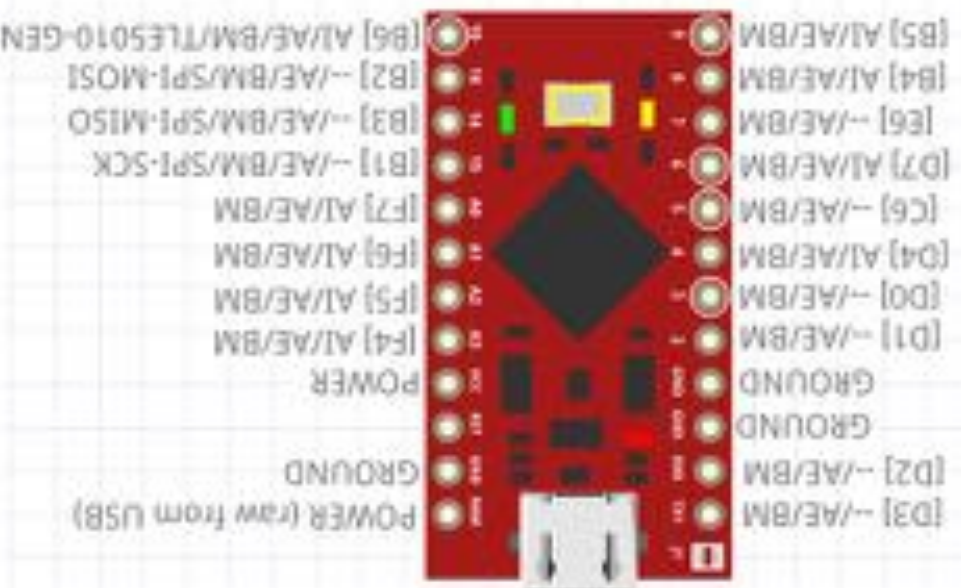
Where "[XX]" AI/AE/BM:

[XX] - MCU ATmega32u4 pin name

AI - available for Axis Internal ADC

AE - available for Axis External ADC (SPI)

BM - available for Burton Matrix



MMjoy2 (c) mega_mozg.

fritzing

FREE. PERSONAL DIY ONLY. NOT FOR COMMERCIAL.

Z-Axis

Purple -

Gray -

White -

Side Notes:

**Prior to doing this - I soldered the TAB on the bottom to 5v because this is a 3.3/5v board.

