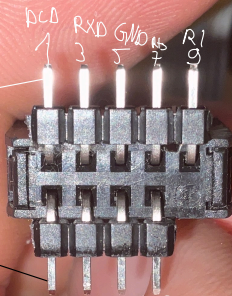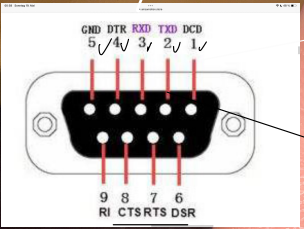Old Cable from PC connected to the Spacemouse Cable

Tested with Multimeter and documented directly on this picture with the help of my IPad
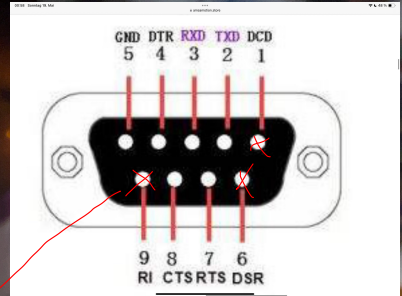
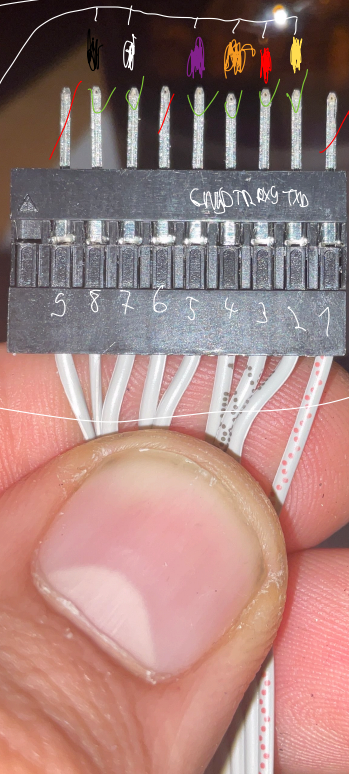DCD RXD GND   RI
1   3   5   7   9

GND DTR RXD TXD DCD
5✓ 4✓ 3✓ 2✓ 1✓

9   8   7   6
RI CTS RTS DSR

Old Cable from Old PC

2   4   6   8 CTS
TXD DTR DSR

1

Changed Original 9Pin non
Breadboard friendly Connector to Breadboard
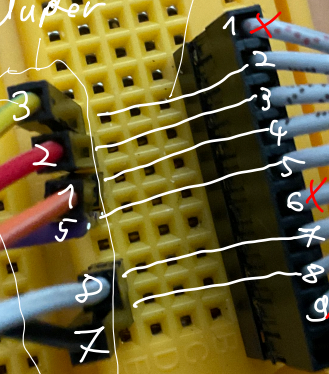friendly Dupont connector

Connections again
verified as before

GND DTR RXD TXD DCD
5   4   3   2   1

9 8   7   6
RI CTS RTS DSR

Not needed
cables

Colors of the
cables on the
next picture

GNDDTR RXD TXD

9 8 7 6 5 4 3 2 1

2

Connections from Pololu RS232 side to Spacemouse

To Pololu Adapter

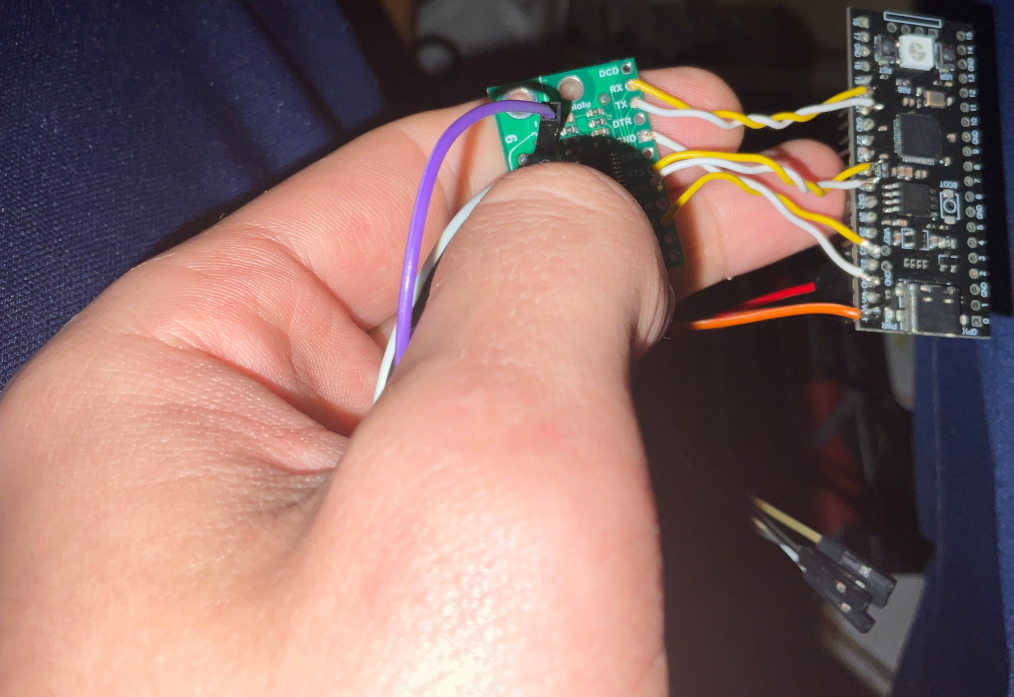Pins on Pololu Adapter

3

2

1

5

8

7

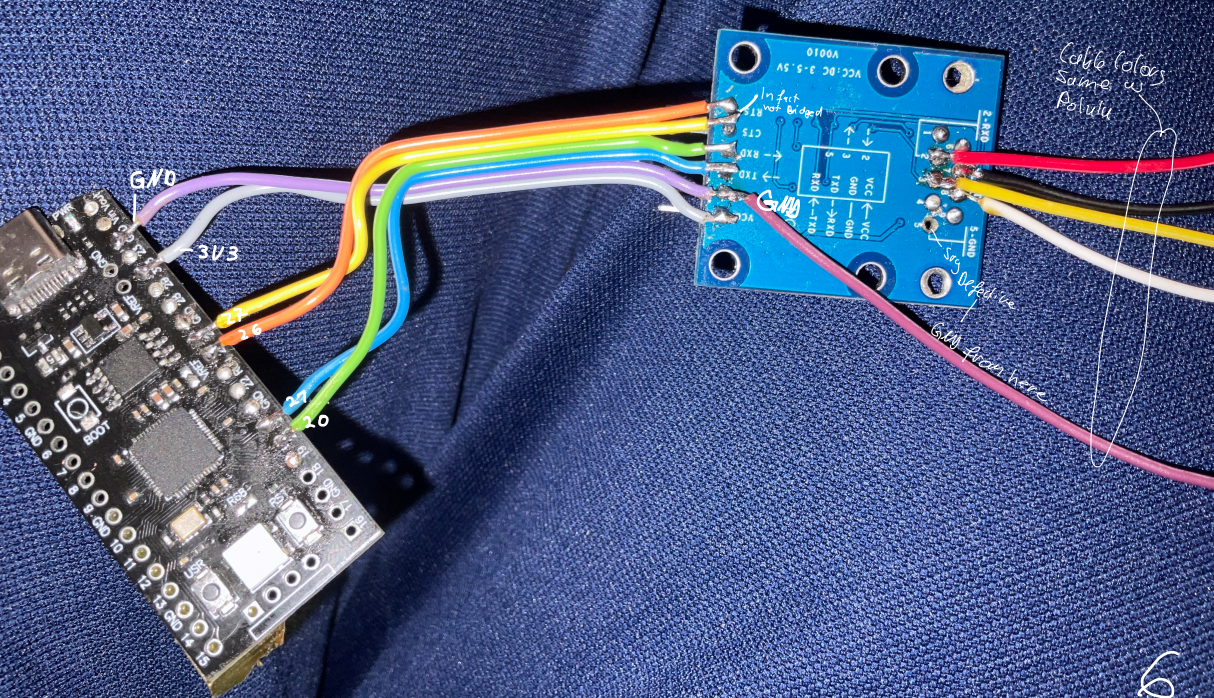1 ✗
2
3
4
5
6 ✗ Unused cables
7
8
9 ✗

3

For verification
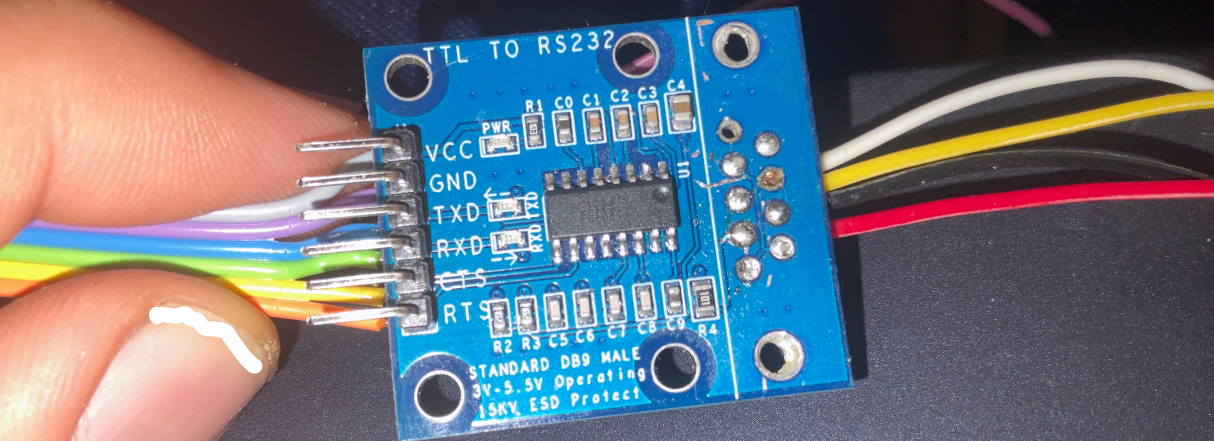that pins are
connected as claimed
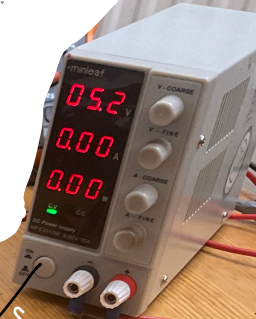

4
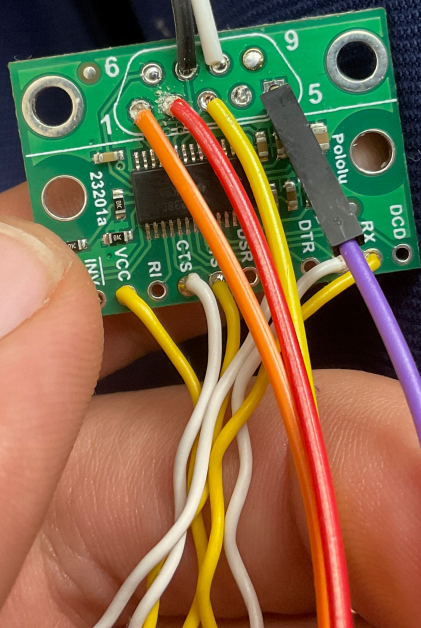
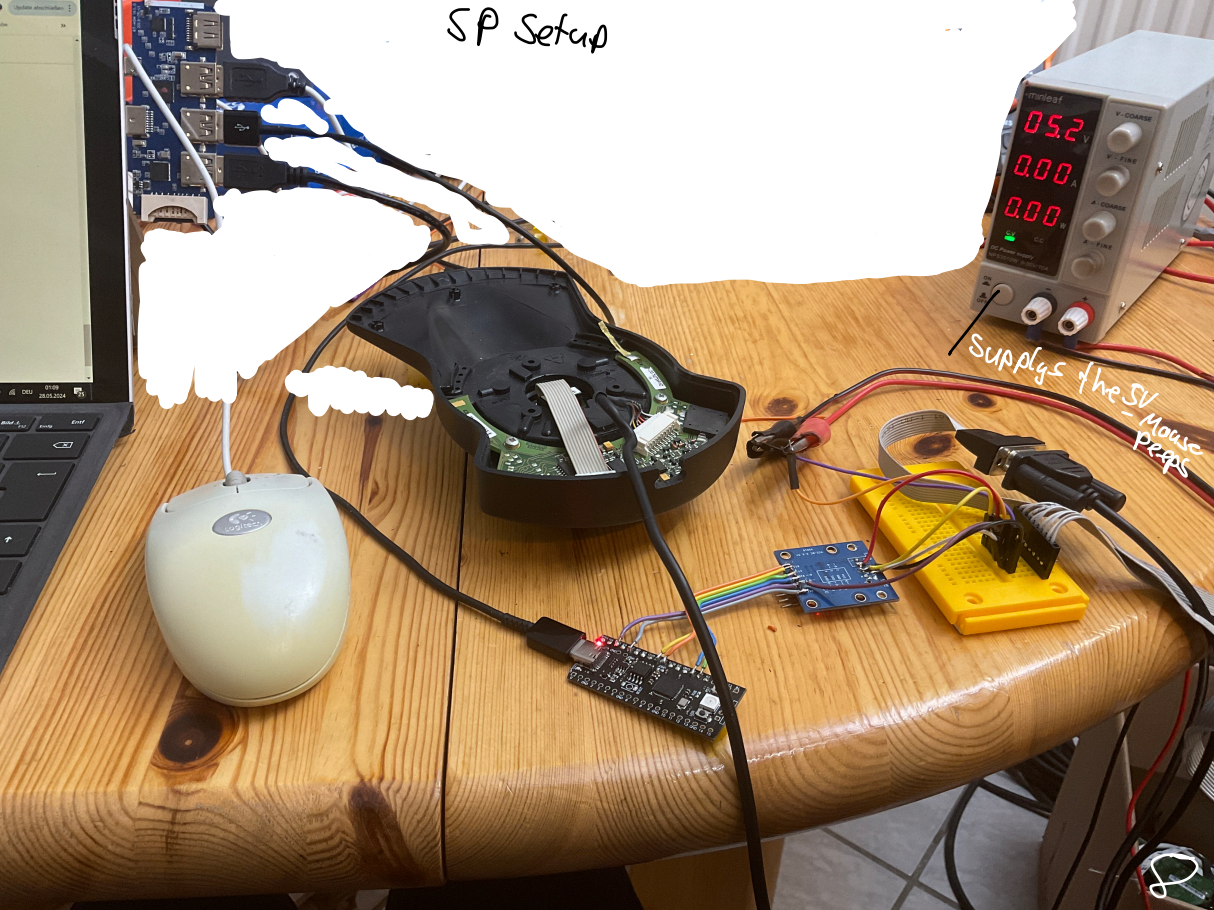General Setup with the Pololu Adapter
Connected to Pi as per Readme

5

A1 Connection with SP Board

GND

3V3

21
26

27
20

In fact
not Bridged
CTS
RXD
TXD
Gully

VCC:DC 3-5.5V
V0010

2-RXD

Cable colors
same w
Pololu

Seg Defective

Gelly from here

6

SP Board Front

TTL TO RS232

PWR
VCC
GND
TXD
RXD
RTS

R1 C0 C1 C2 C3 C4
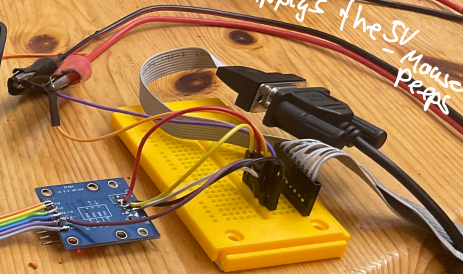
R2 R3 C5 C6 C7 C8 C9 R4

STANDARD DB9 MALE
3V-5.5V Operating
15KV ESD Protect

7

SP Setup

Supplys the 5V - Mouse Peps
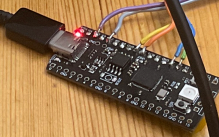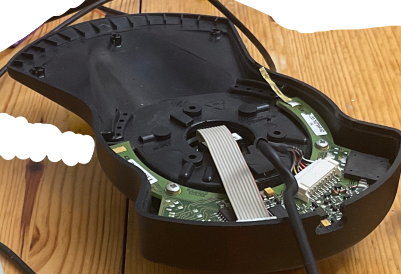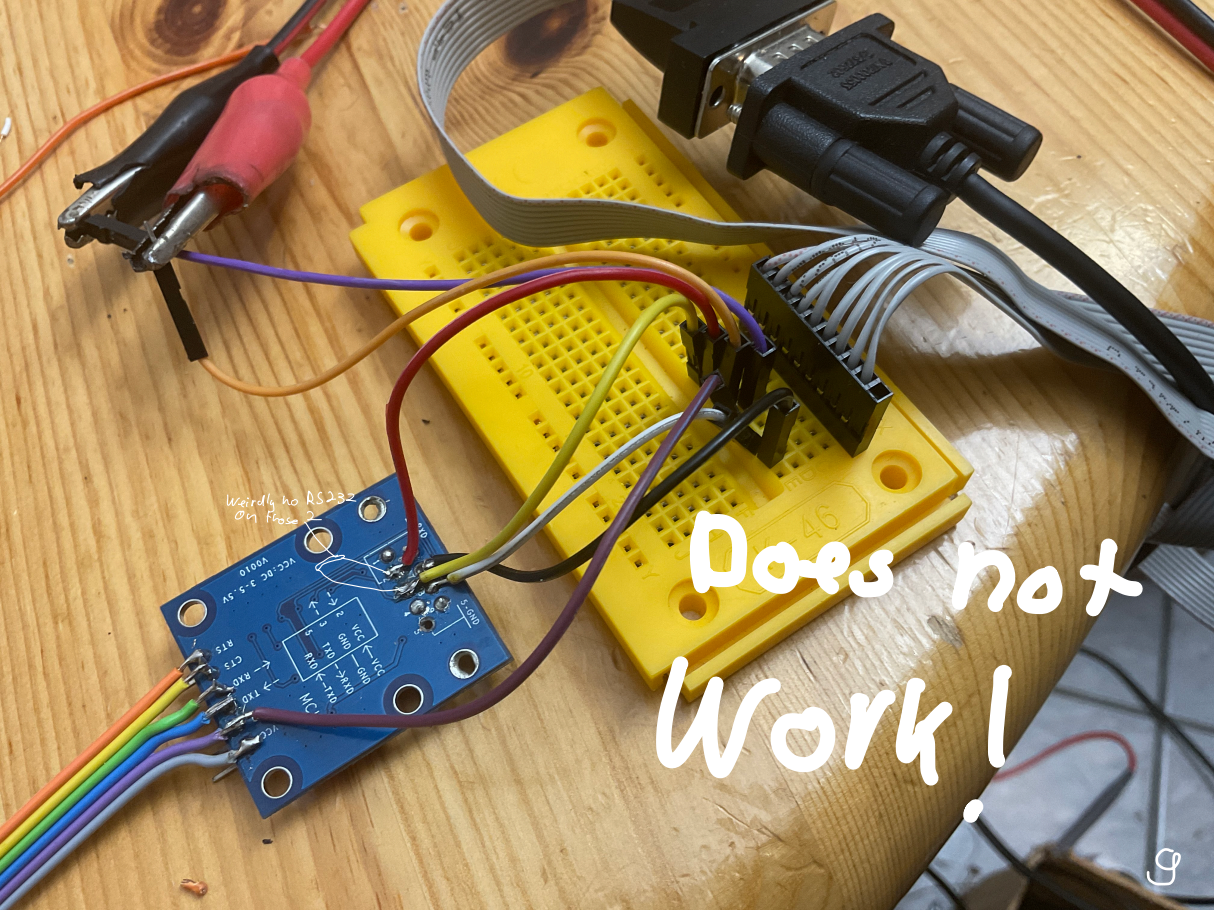
Weirdly no RS232
On Phase 2

Does not Work!

Bonus:
Pins of the Spacemouse Inside