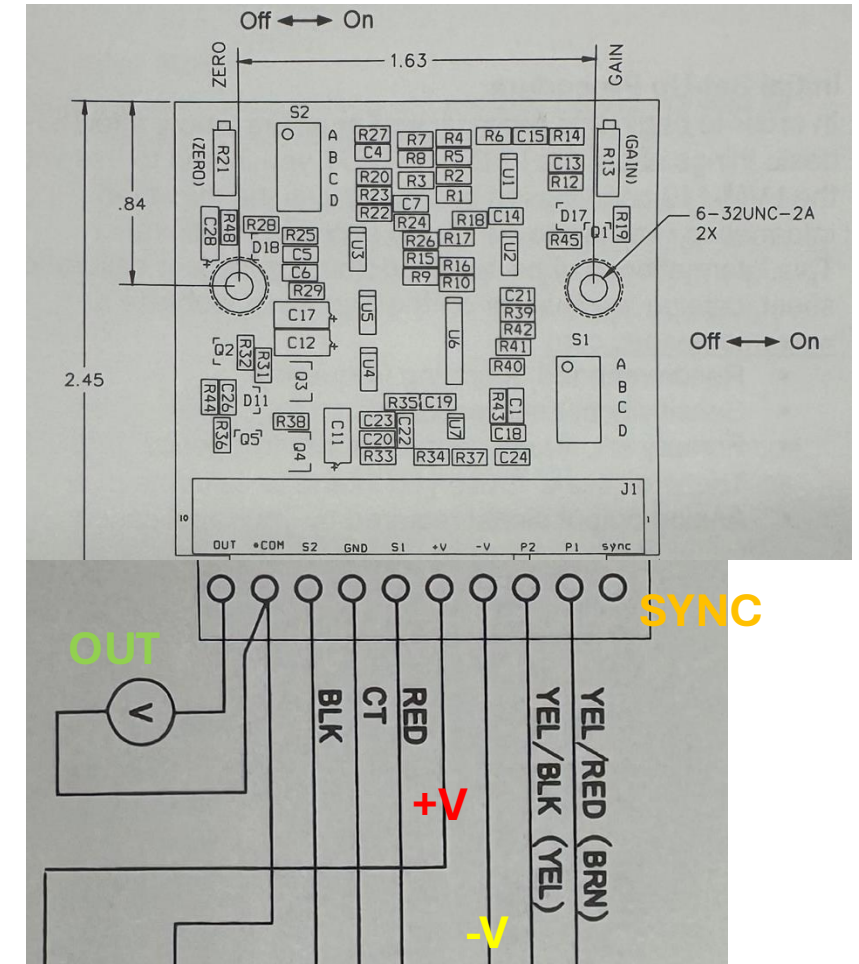


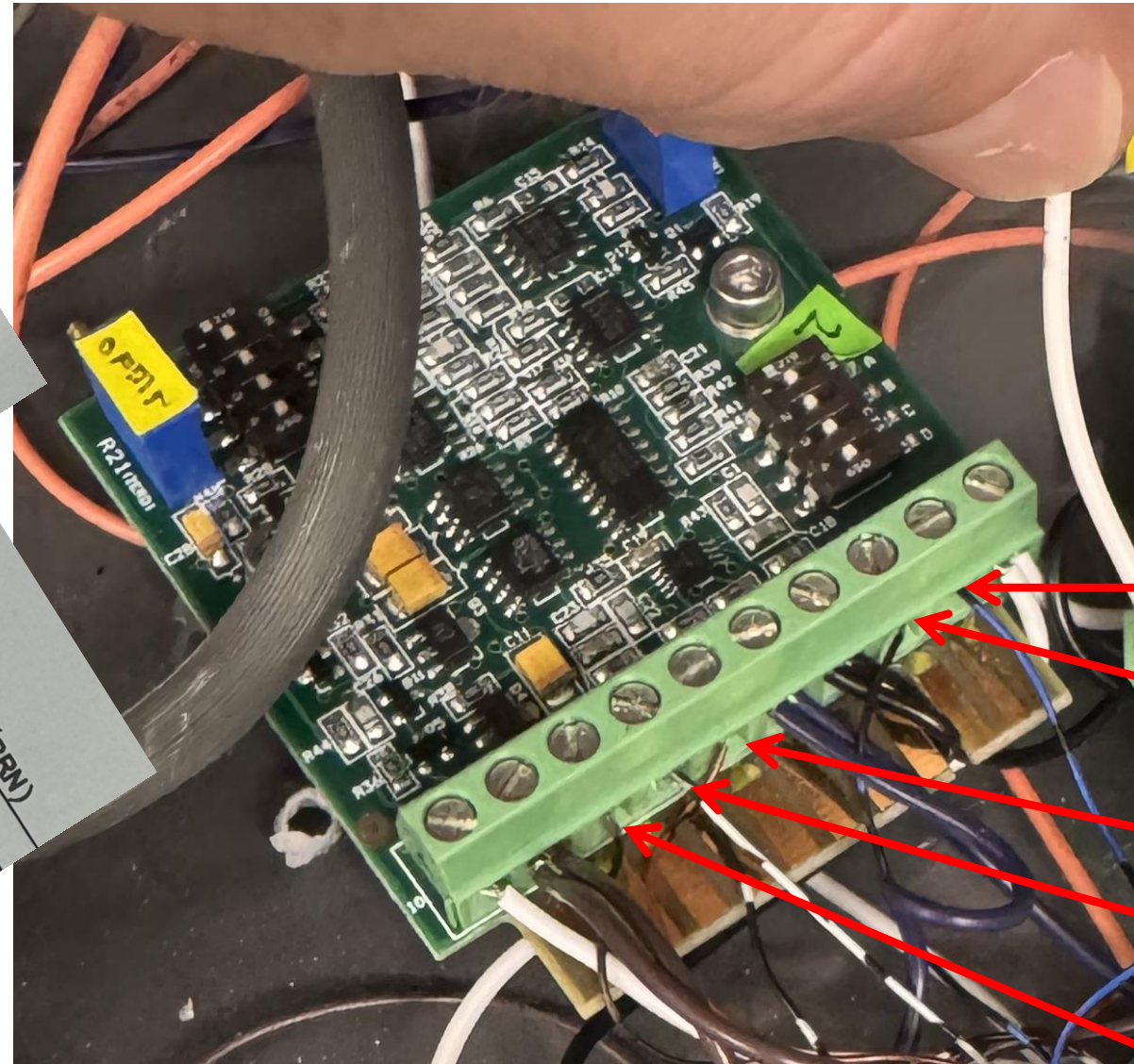
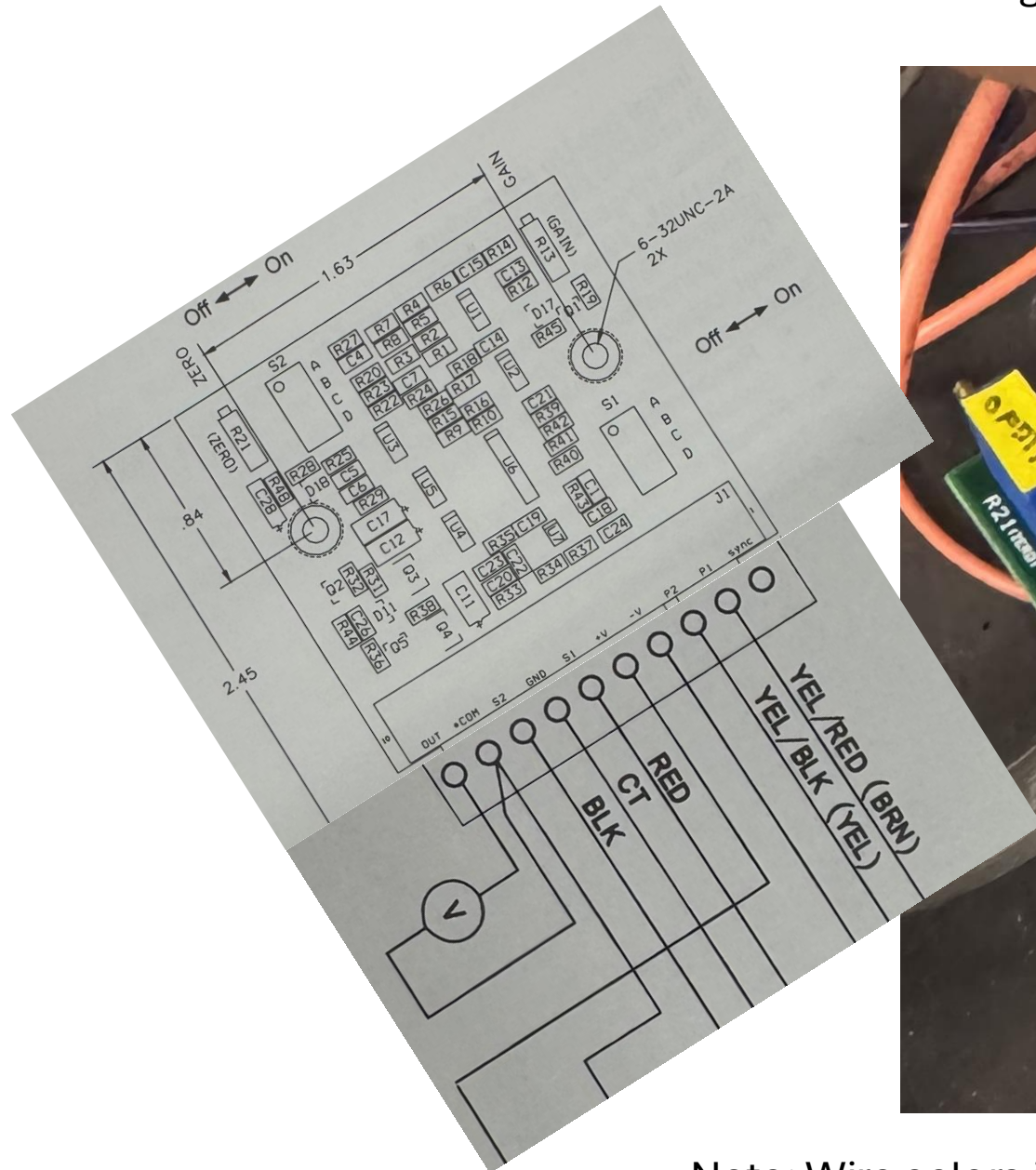
Overview of all Connections

Wires from LVDT	Wires from Power	Other Wires
Yellow/Red	-V	SYNC (runs between controllers)
Yellow/Black	+V	OUT (to DAQ)
Red	COM (Common Ground)	
Blue AND Green (labeled CT on diagrams)		
Black		



CT= Blue + Green LVDT wires

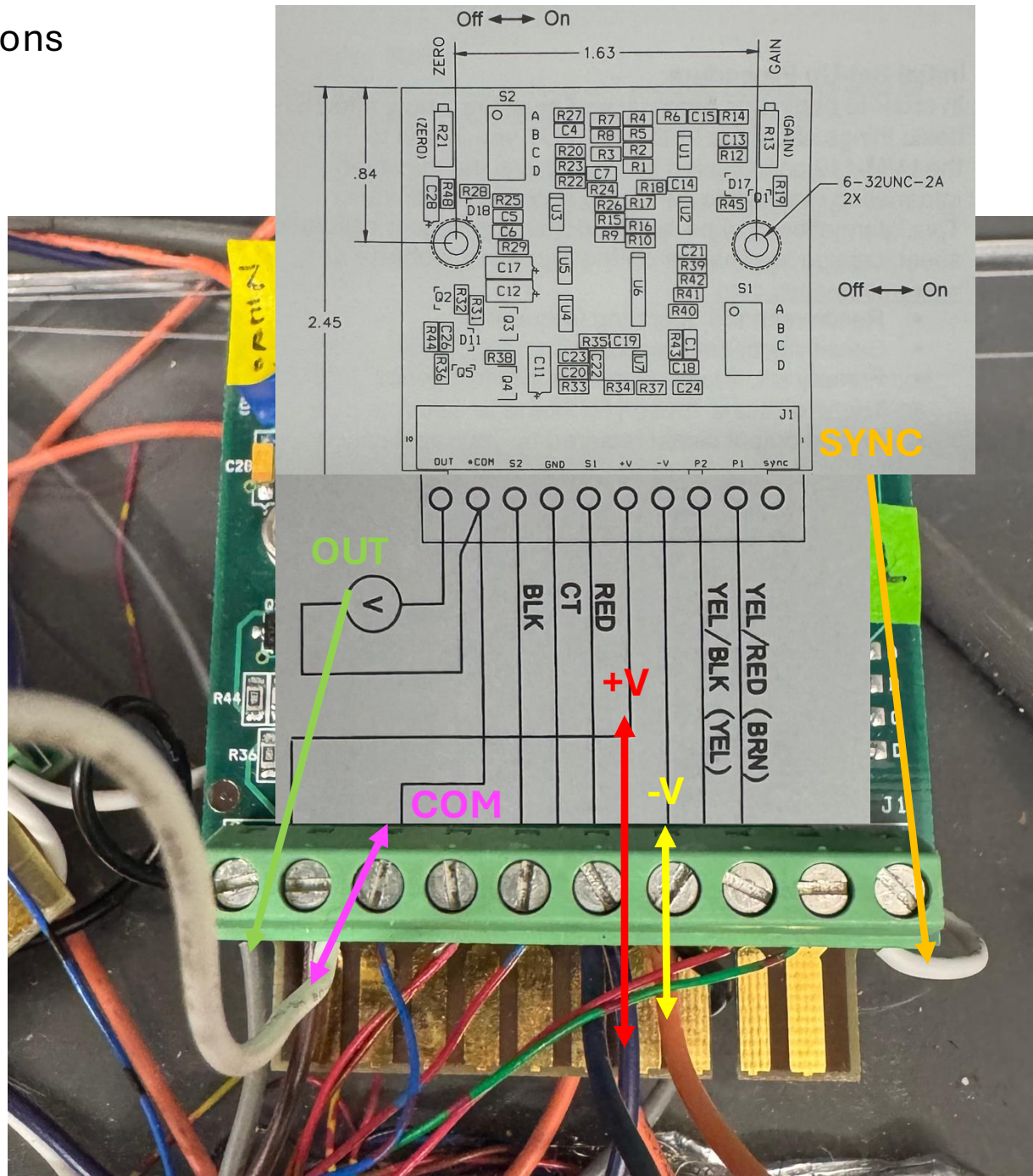
Wiring for LVDT Connections



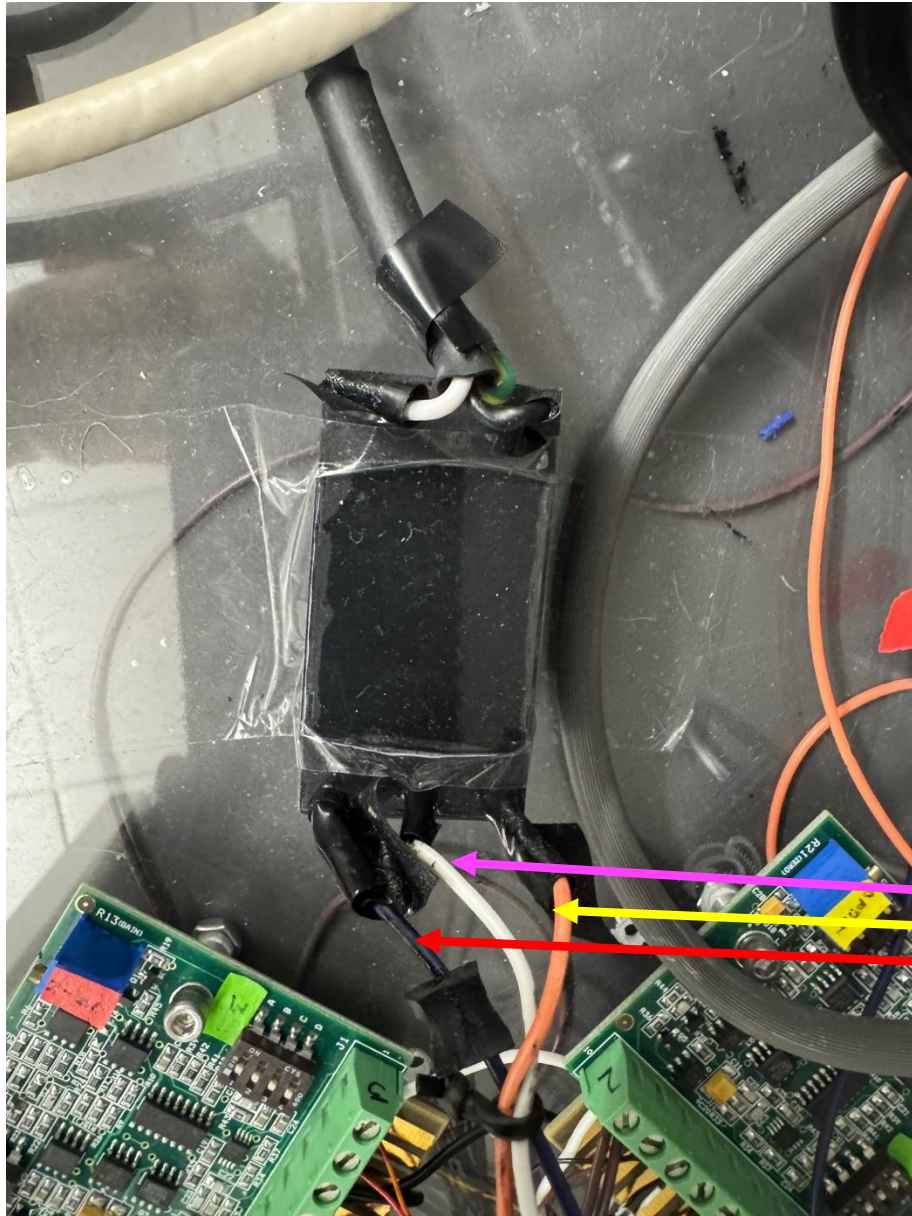
- LVDT
Yel/Red
- LVDT
Yel/Black
- LVDT Red
- LVDT Blue
AND Green
- LVDT Black

Note: Wire colors in picture do not match LVDT wire colors from diagram due to use of an extension cable.

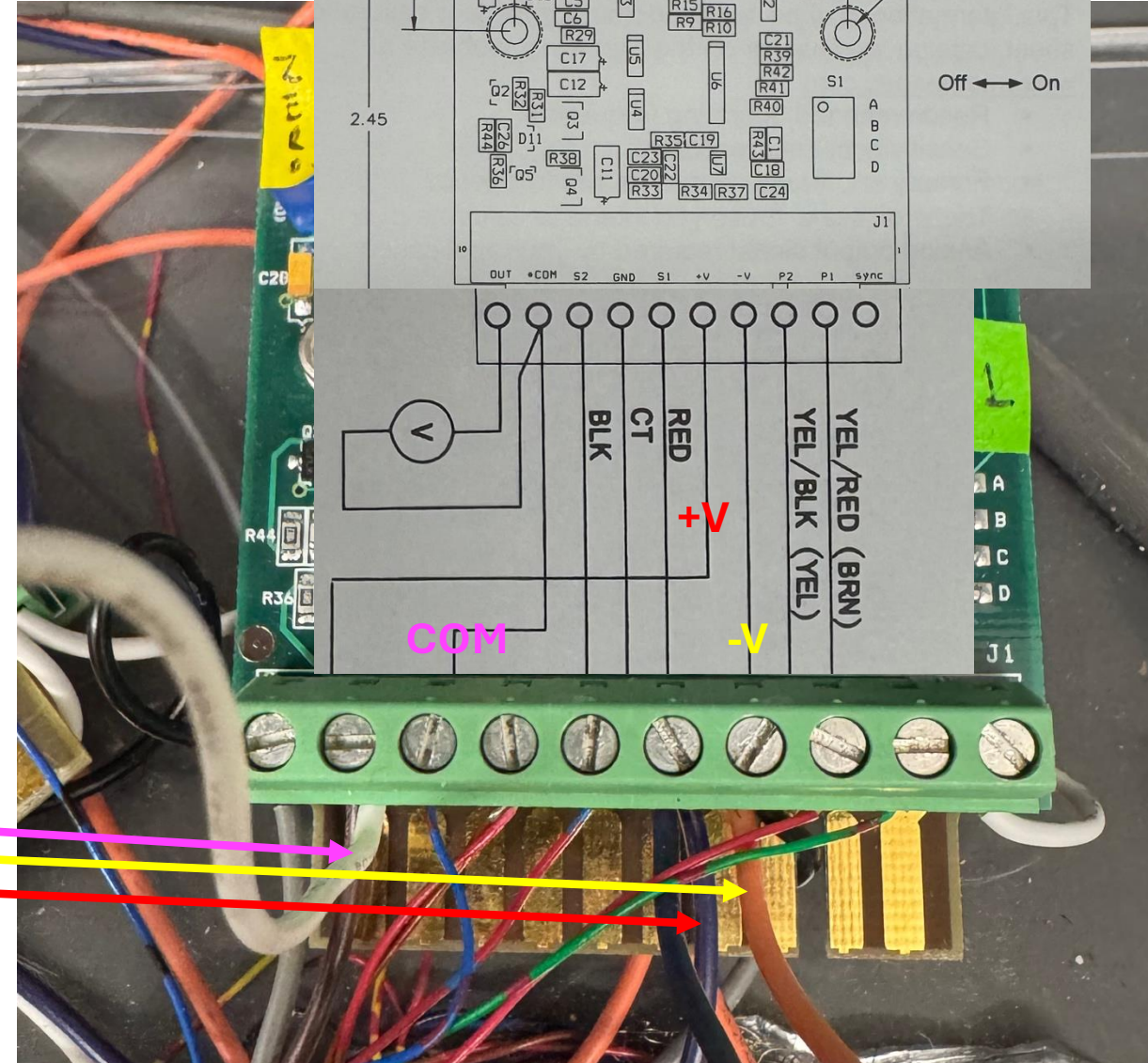
Wiring Other Connections (Power Supply, DAQ)



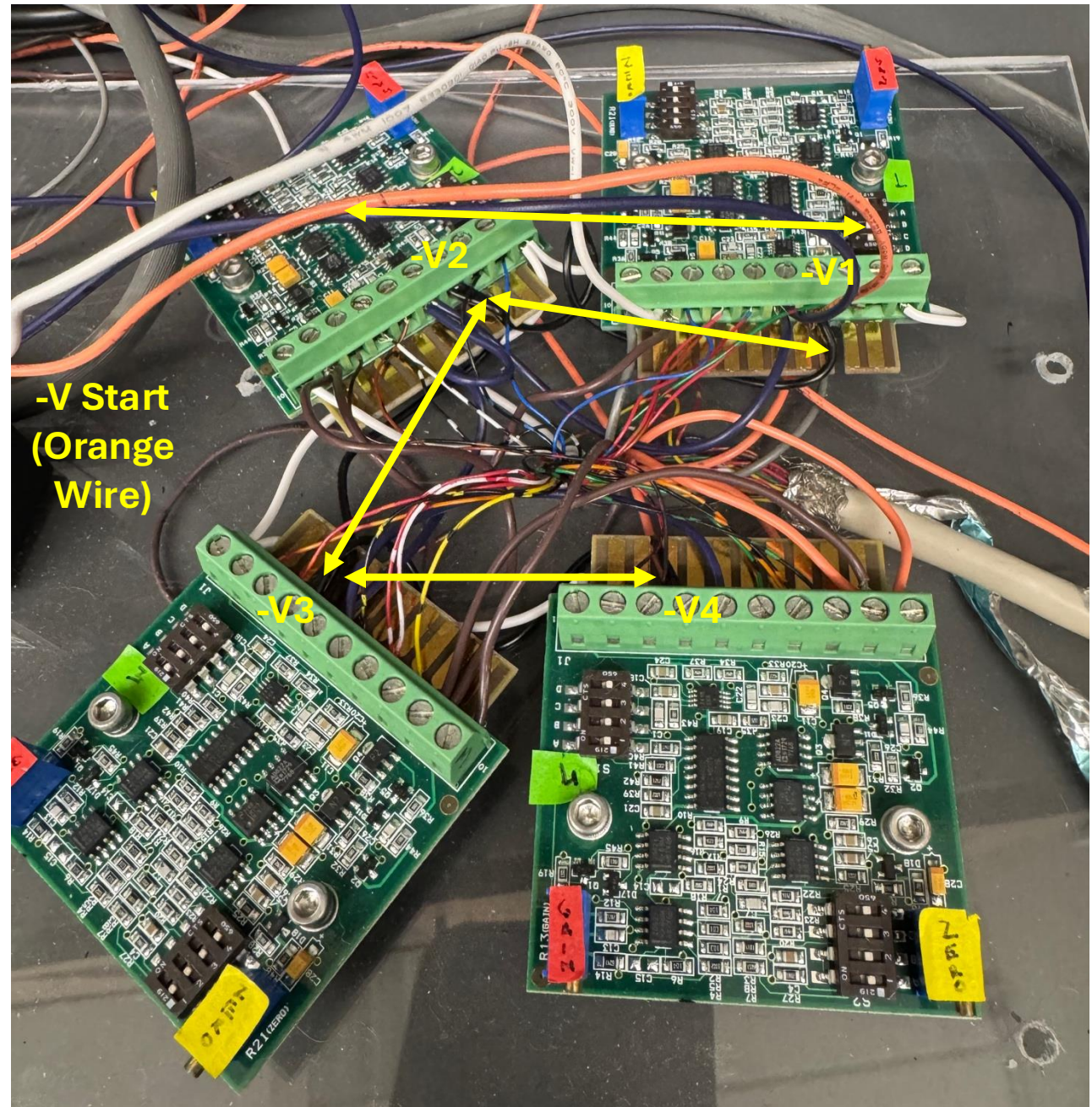
Connections from Power



Voltage
Connections
from power
adapter

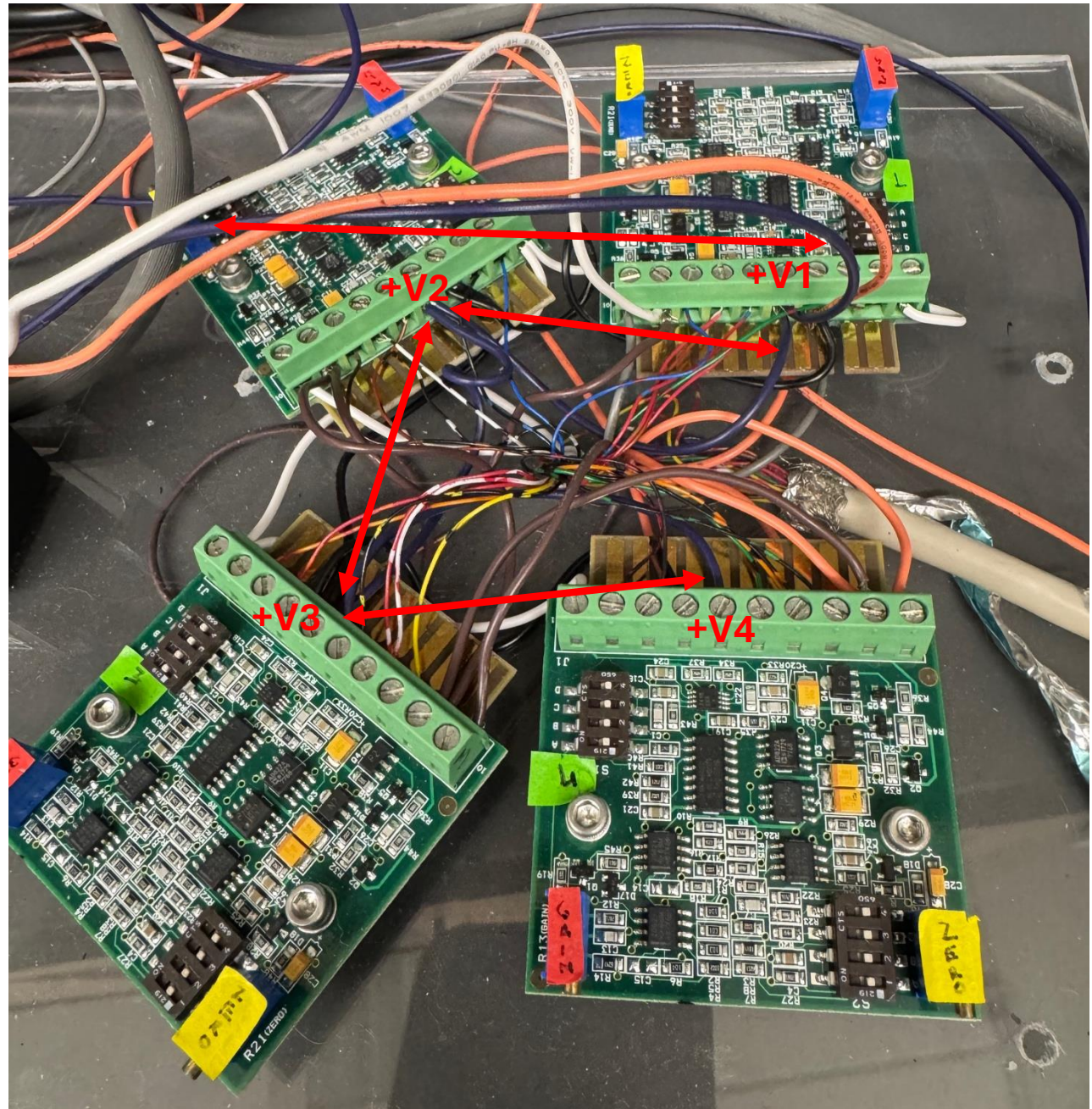


Power supply connections are daisy chained. There are often 2 wires in the same port (an in and an out)



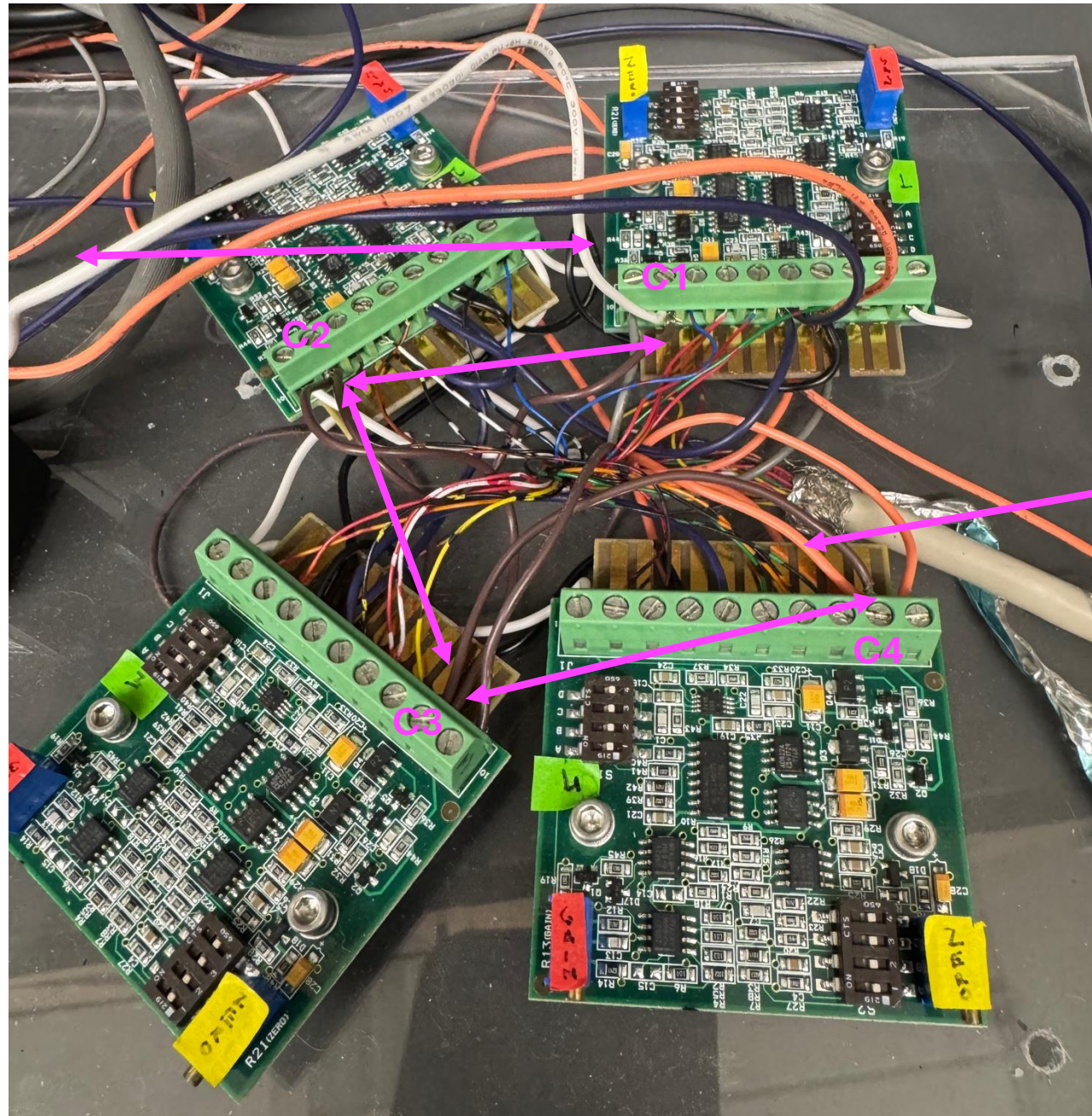
Power supply connections are daisy chained. There are often 2 wires in the same port (an in and an out)

**+V start
(purple
wire)**



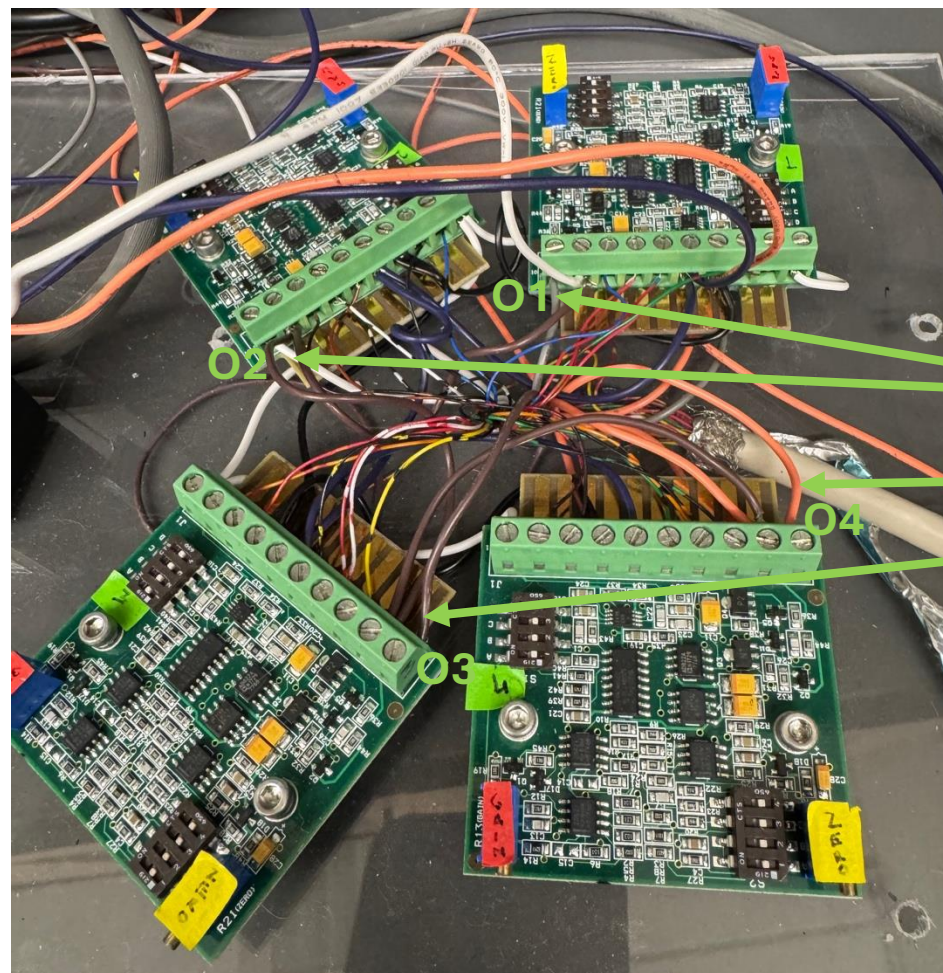
Power supply connections are daisy chained. There are often 2 wires in the same port (an in and an out)

COM Start
(white wire)

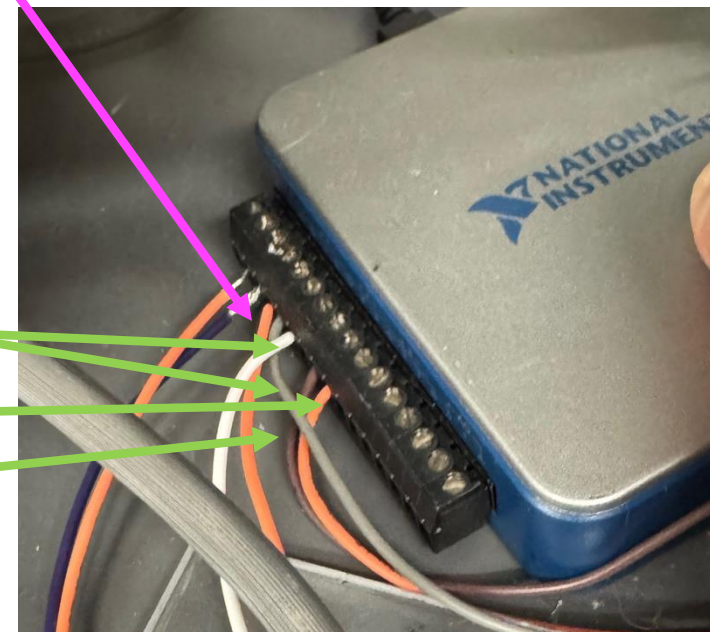


Final
COM
wire goes
to DAQ
board

Each
OUT goes
to DAQ
board



Final
COM
wire goes
to DAQ
board



Sync connection is also daisy chained. There are often 2 wires in the same port (an in and an out)

**SYNC links
all boards**

