



# PS4 Controller



bottom half

light cover

top half

battery

control layout

toggle switches

material- ABS

nominal wall thickness- 1/16th

display type- LED

brand- Sony

dimension- 6in x 4in x 2in

**exploded**



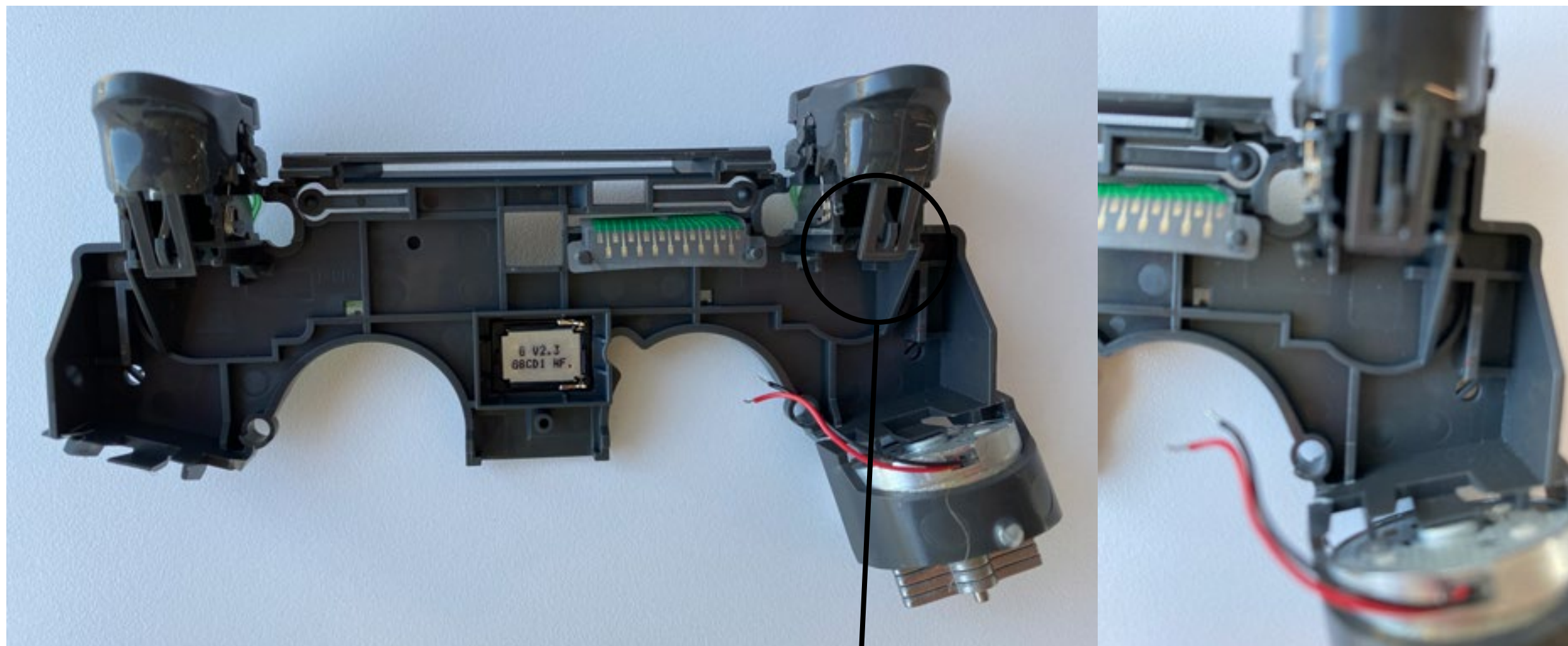
bosses

ribs

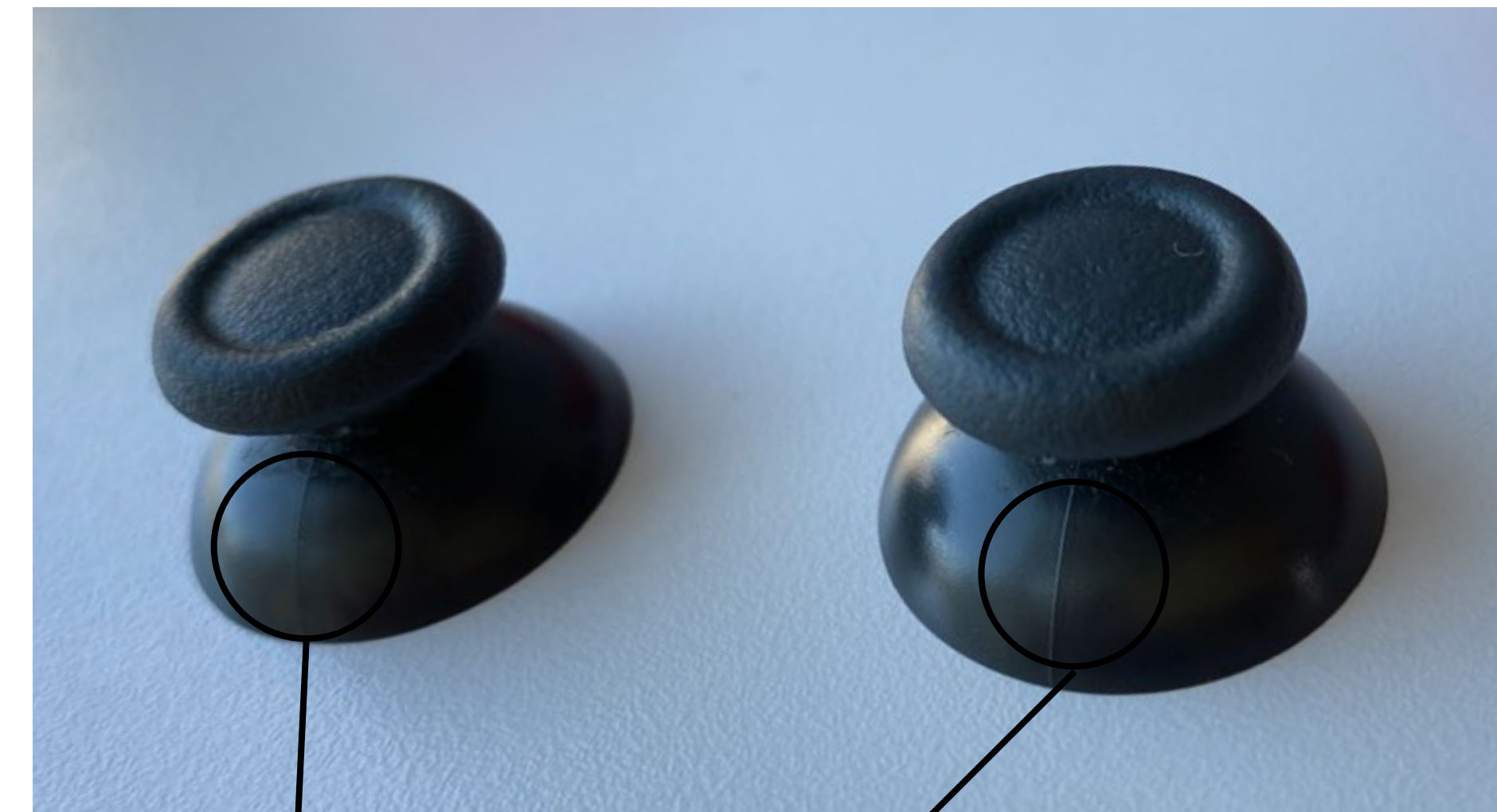
witness mark



**structure**

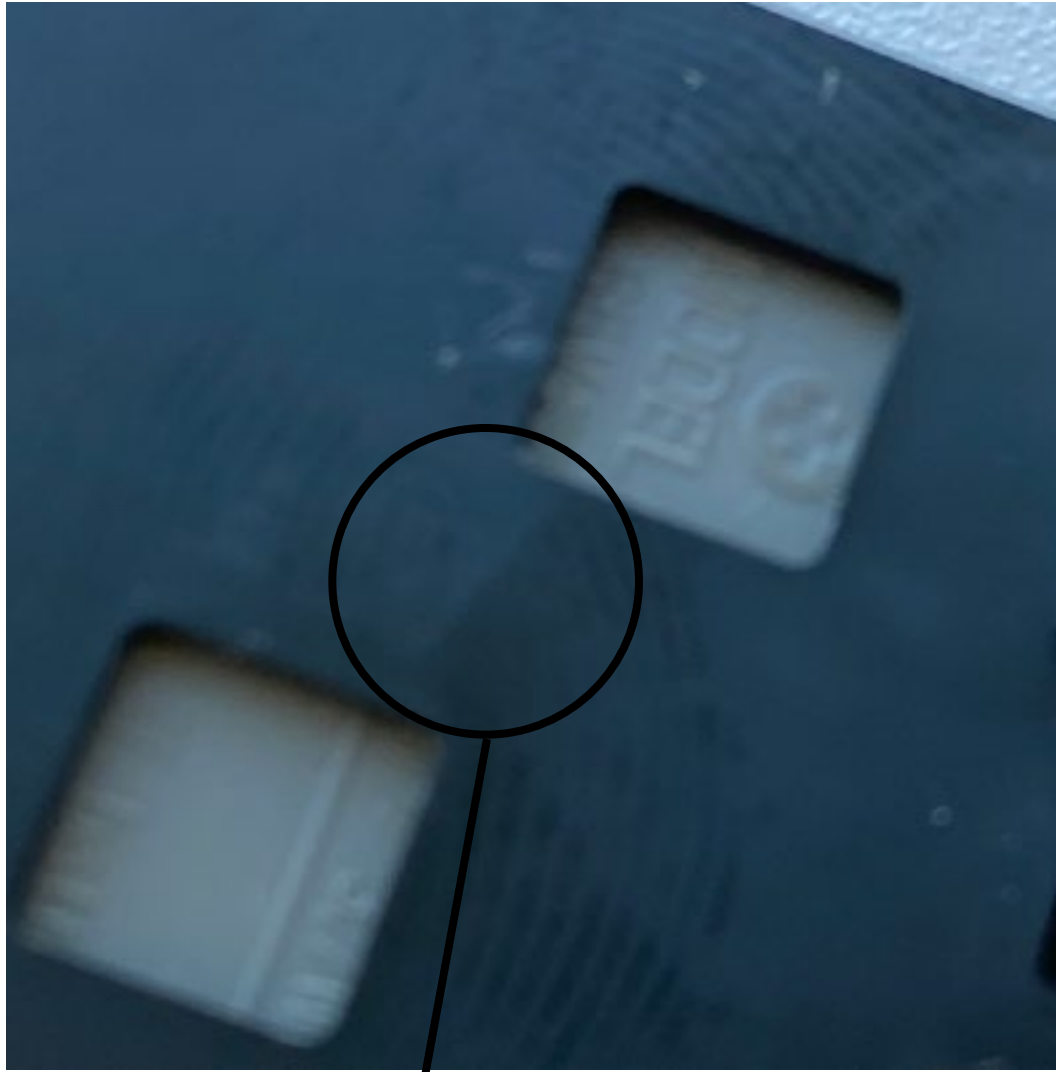


under cuts



weld lines

# structure



flow line or  
weld line



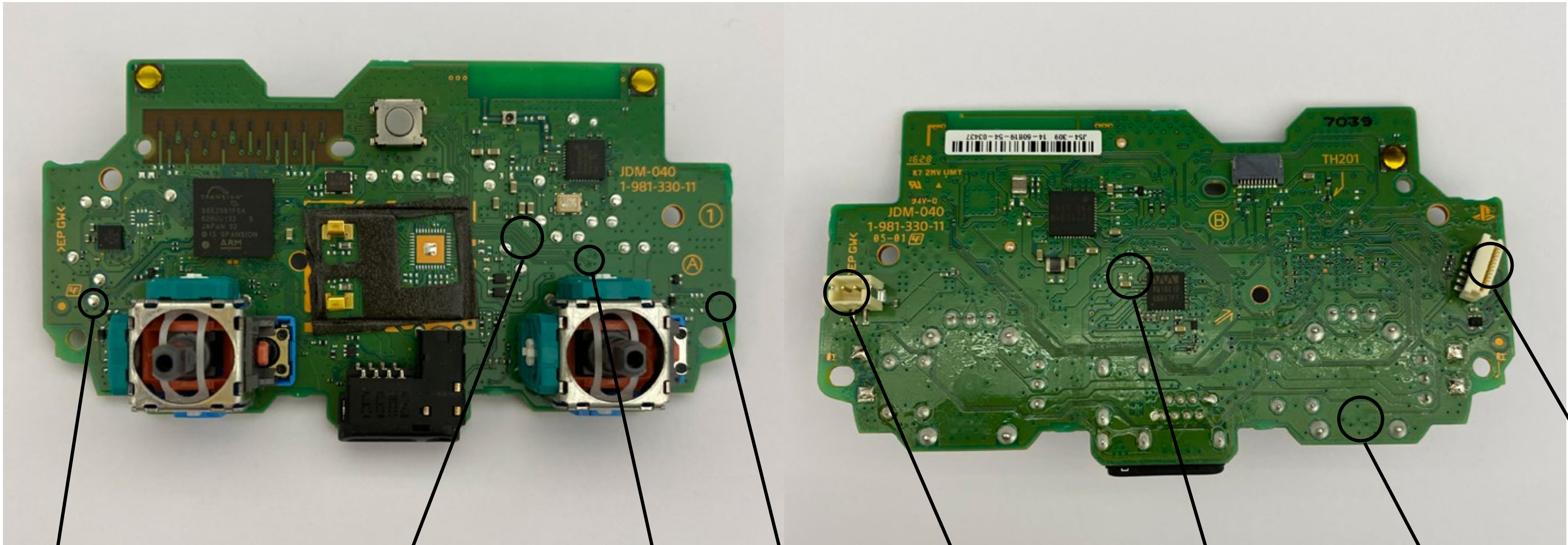
sink



**defects**

Top Layer

Bottom Layer



Soldered pads

Signal Trace

Via

Soldermask

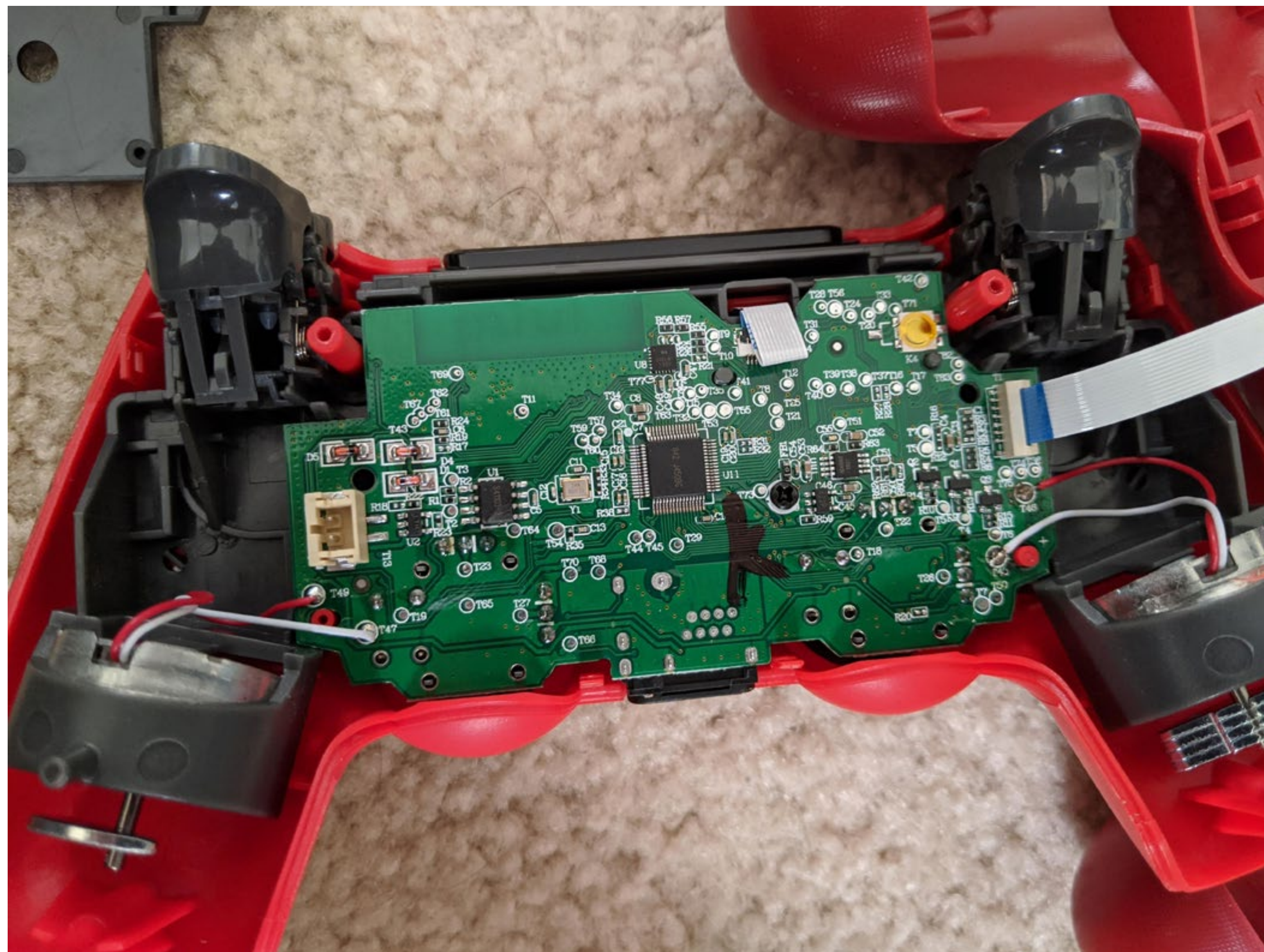
input/  
output

SMC

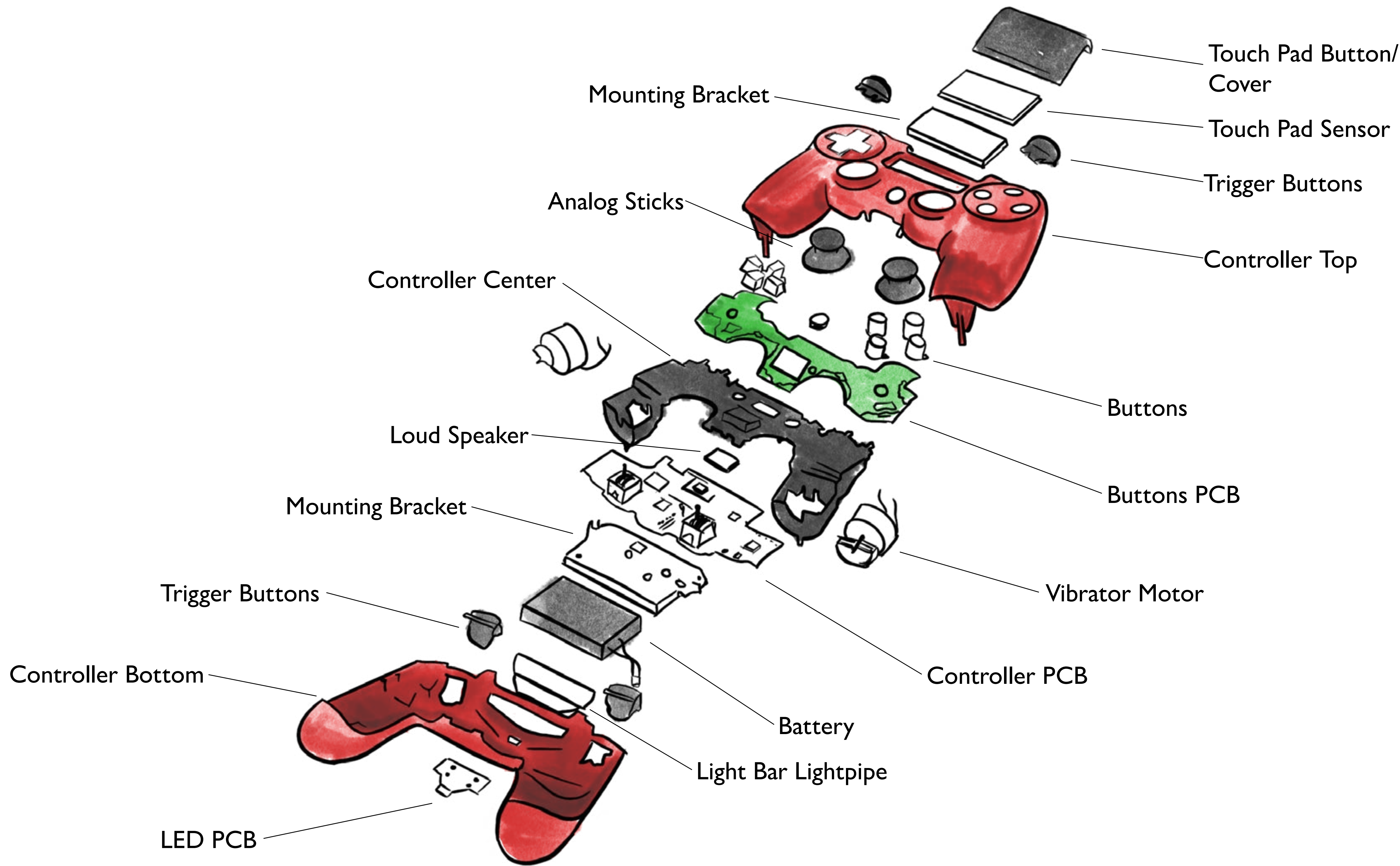
solder mask

input/  
output

**PCB board**



**PCB board**



## **Pros**

- Strong and durable outer layer.
- Very little defects
- Plenty of ribs
- Weld lines are hard to see or non existant

## **Cons**

- Some bosses could be thicker
- 2 or 3 more screw would allow everything to be more snug
- The seams on the outside layer could be sanded down more.

# **Pros and Cons**

# Dyson

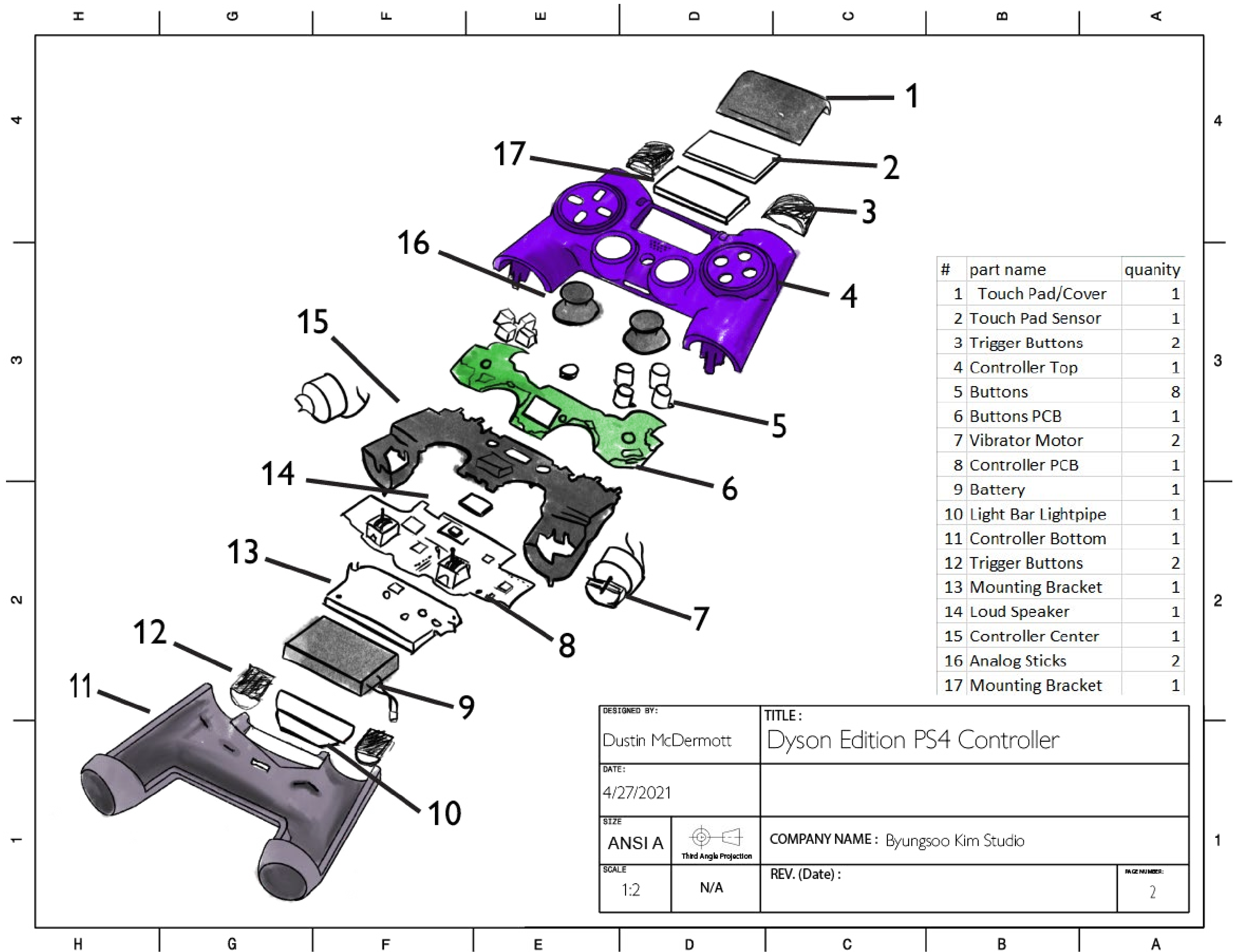


# redesign



dyson edition





Custom edition

