1. Introduction
2. Water level probe

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2.2 Optimised configuration

When choosing between Silicone rubber and Polyvinyl Chloride(PVC), our team chose to use PVC - reasons being there is greater change in the capacitance of this dielectric for change in the water level [graph], it is durable (good for long time use)

1. Transmitter and receiver

Consideration of using de-coupling capacitors across the opamps – 0.1uF across opamp supply rails. We didn’t use this as it is oscillating

3.4 Signal capture arrangement

Got rid of the hysteresis resistor – maybe we can make up some reasoning?

Added another rc filter by adding an additional capacitor in parallel with the existing resistor on the opamp for smoother output. Sawtooth - Voltage swing of 0.4, decreased to voltage swing of 0.1V

1. Recommendations

4.3 Other recommendations

SMT is just better and nicer overall

4. Recommendations

4.3 Other recs