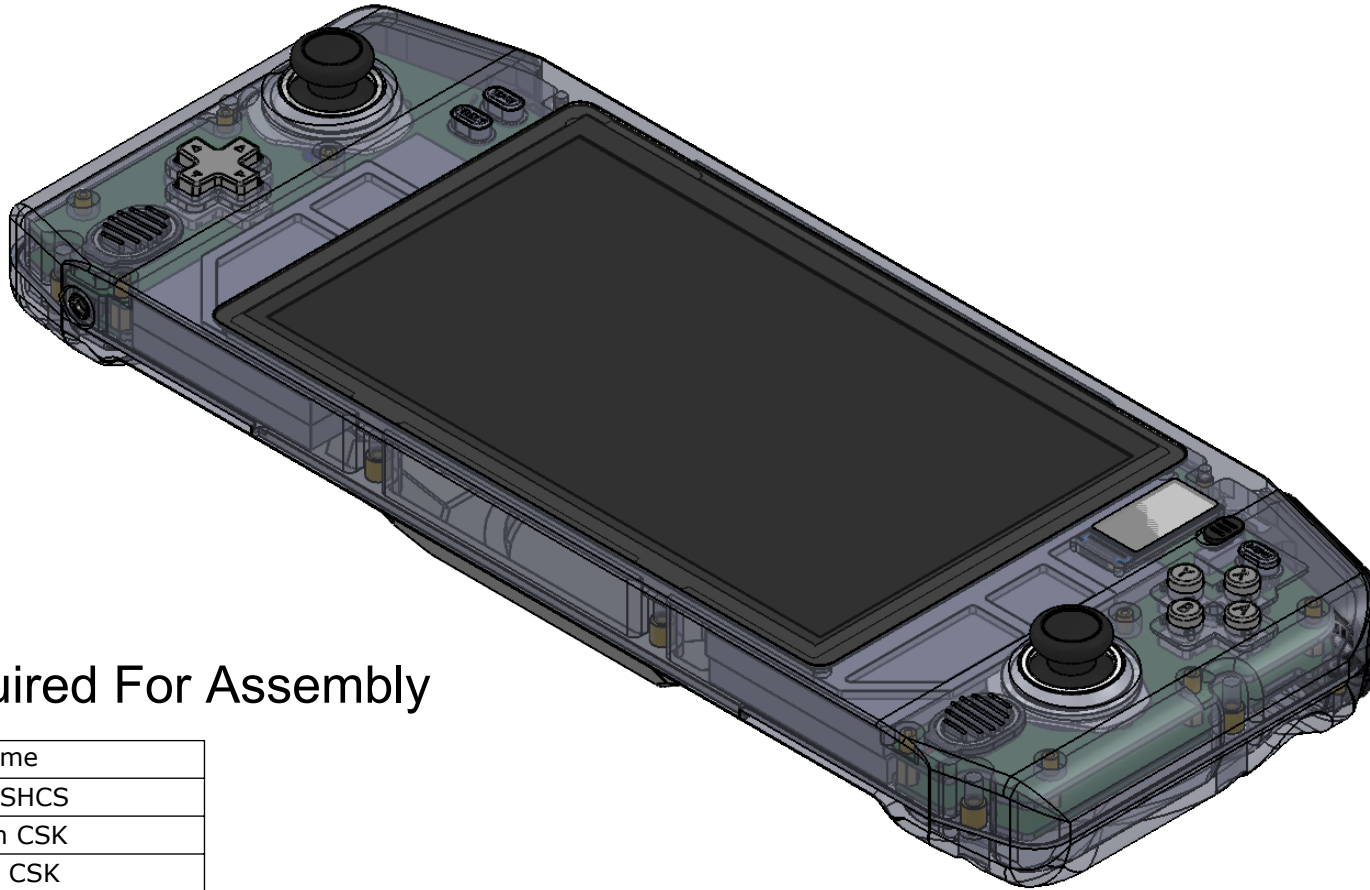


NucDeck - Assembly Guide



Hardware Required For Assembly

Qty.	Part Name
12	M3x6mm SHCS
2	M2x16mm CSK
9	M2x5mm CSK
10	M2x6mm Male to Female Standoff
17	M2x4x3.2 Threaded Insert
10	M3x5x5 Threaded Insert
14	M2x4mm SHCS
2	M3x4x5 Threaded Insert
2	6x2mm Magnets

All measurements are in Millimeters unless otherwise specified.

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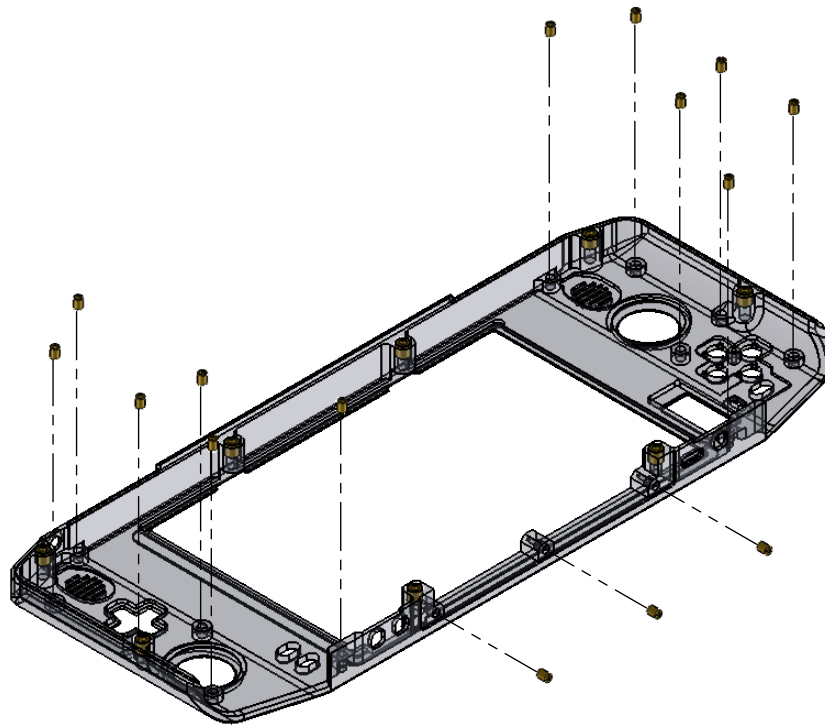
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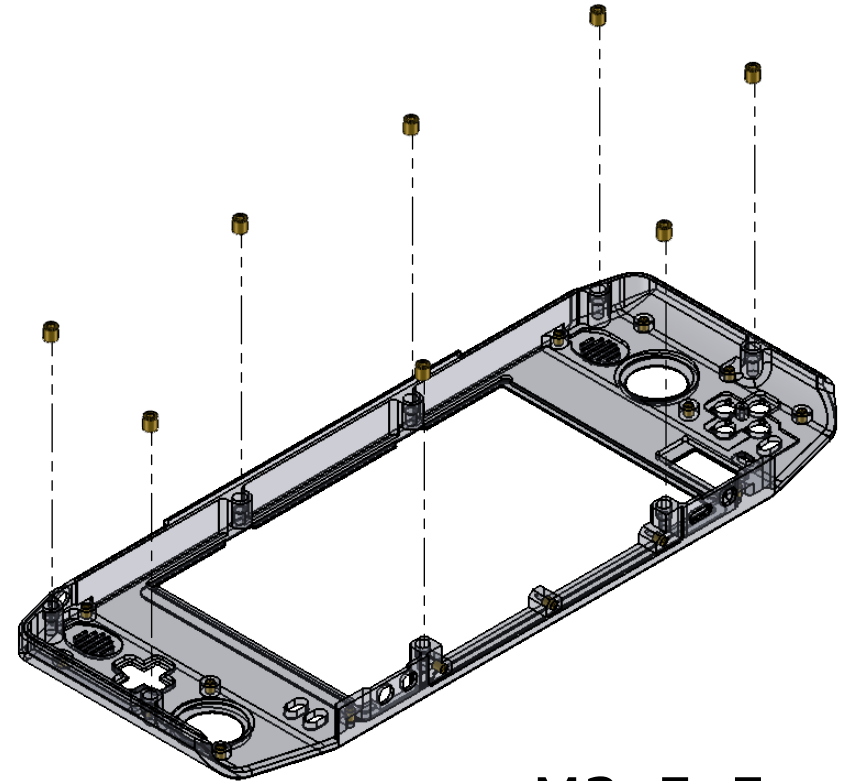
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Step 1 - Front Housing



M2x3.2x4



M3x5x5

Install threaded inserts into housing as shown. Use soldering iron to heat inserts as you press them in to melt the plastic around them and hold them in place. If any inserts are loose you will need to apply a small amount of glue to keep them in place.

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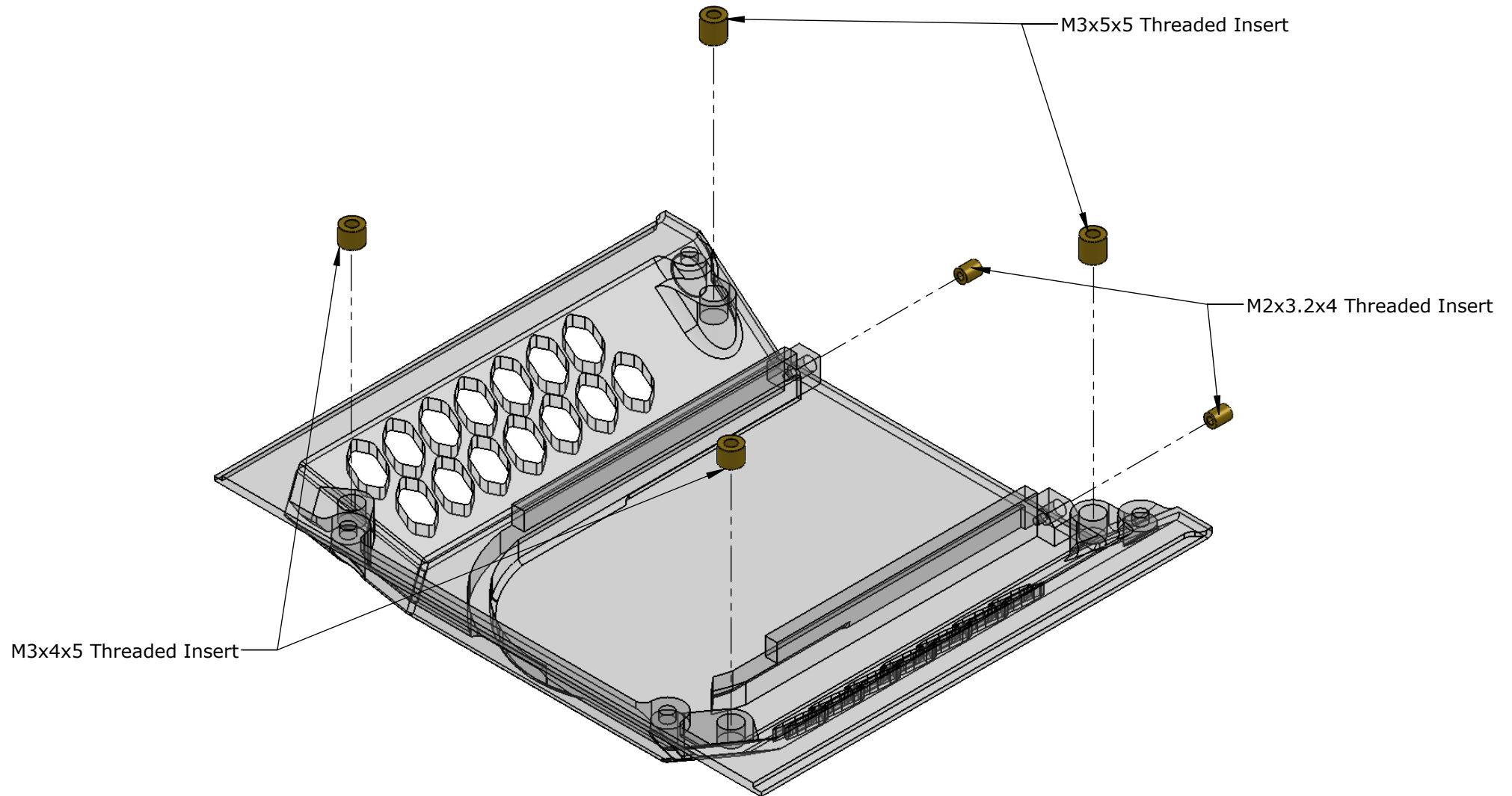
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Step 2 - Rear Cover



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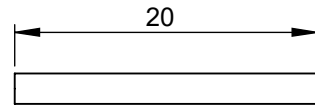
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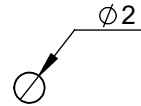
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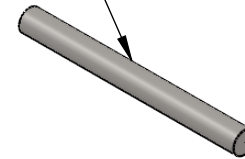
Step 3 - Triggers



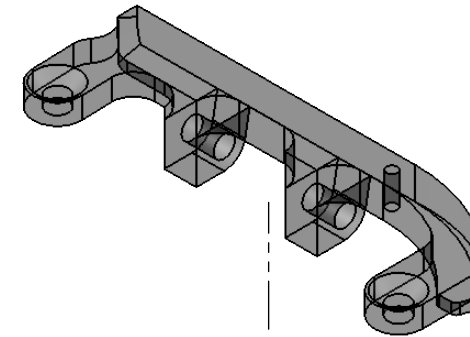
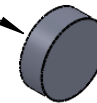
Trigger Pivot Shaft



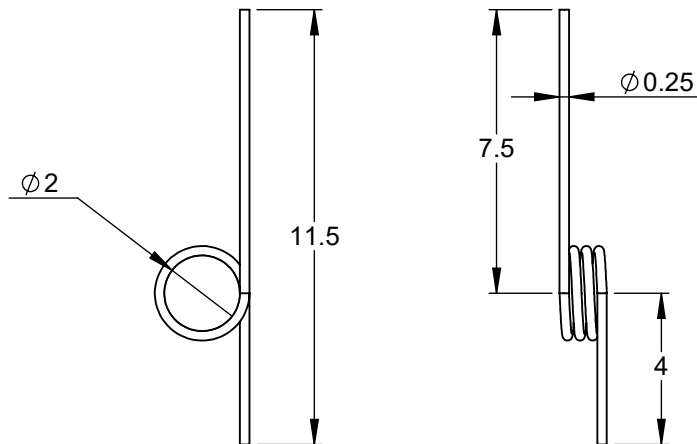
Trigger shaft inserted from this side. Ensure shaft goes through hole of spring.



6x2 Round Magnet Glue in place into trigger



Short side of spring goes into locator hole in trigger mount



Trigger Spring

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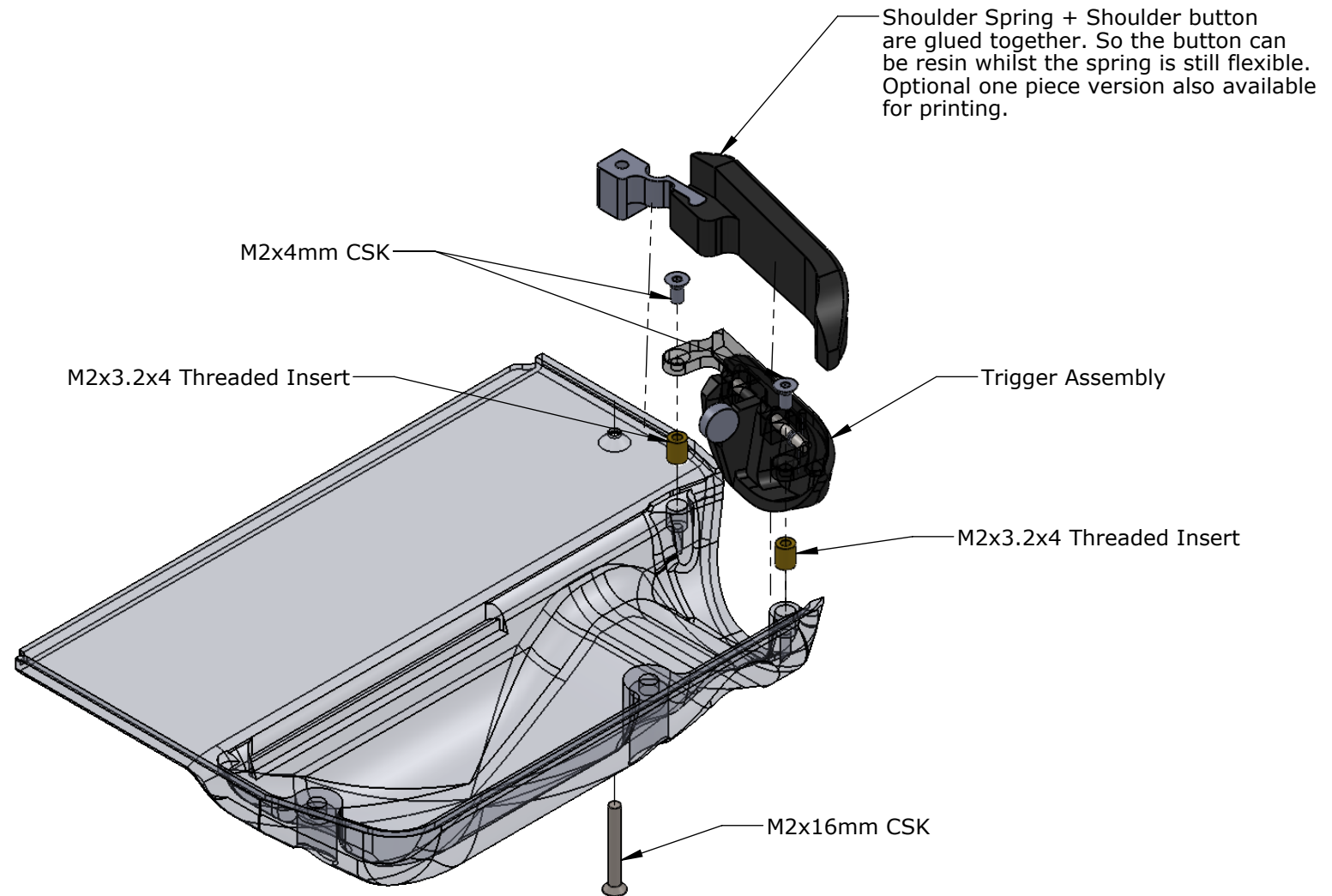
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Step 4 - Hand Grips



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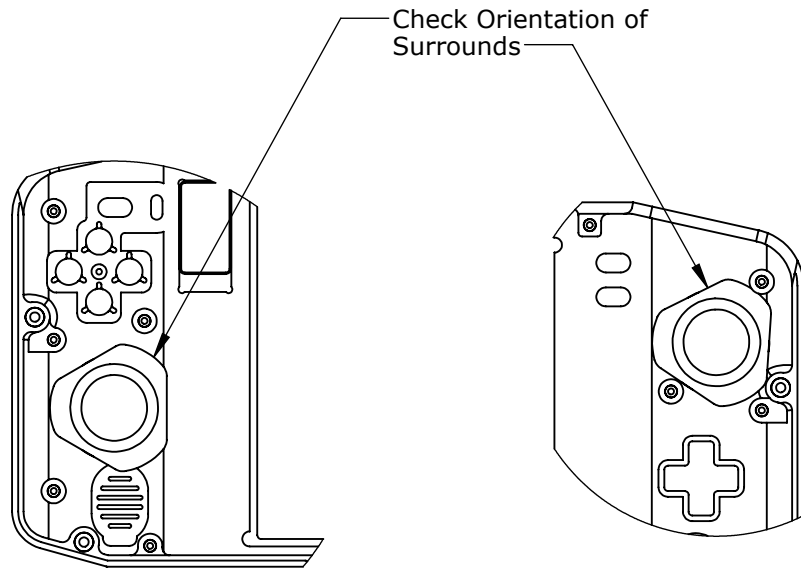
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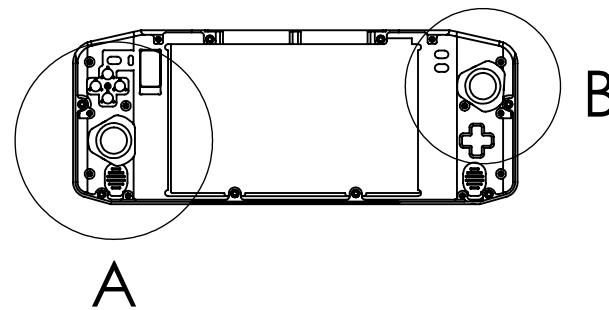
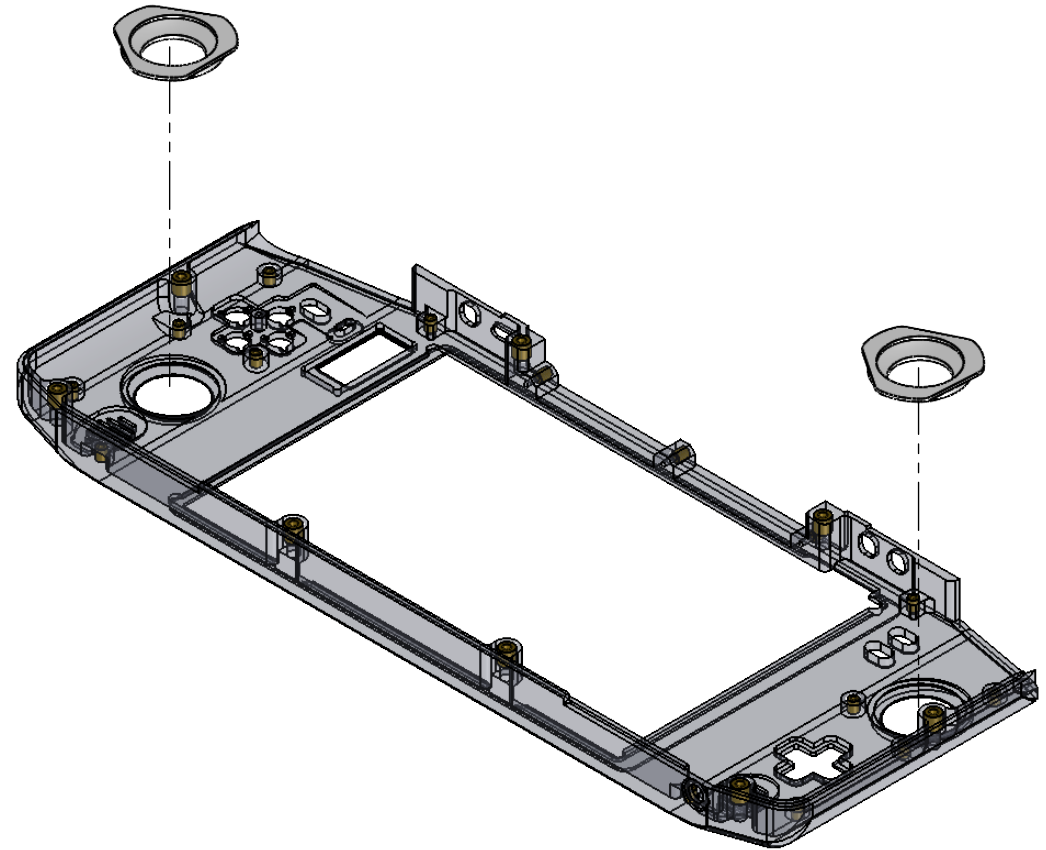
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Step 5 - Joystick LED Surrounds



DETAIL A
SCALE 1 : 2

DETAIL B
SCALE 1 : 2



LED Rings aren't used on the "No RGB" version of the housing. Use a dab of glue to hold the rings in place. Ensure they are pushed fully into the rebates otherwise the joysticks will rub on them and feel sticky.

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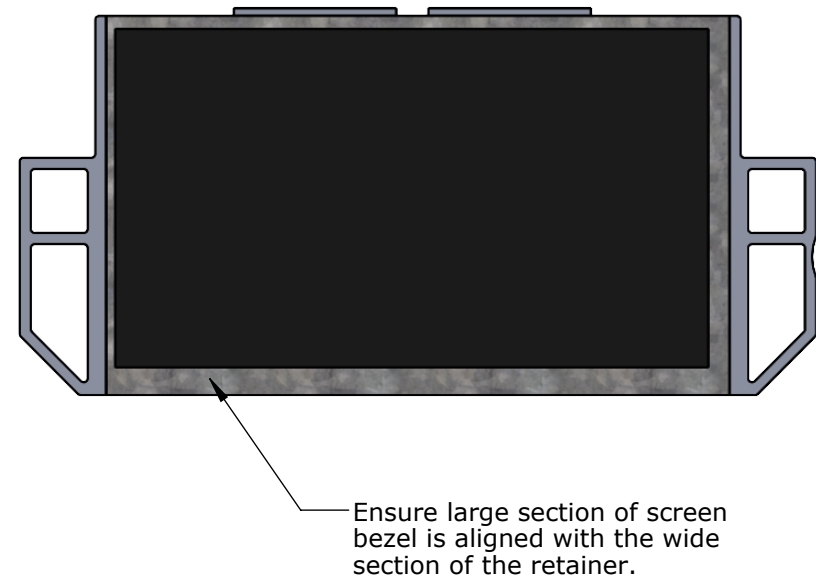
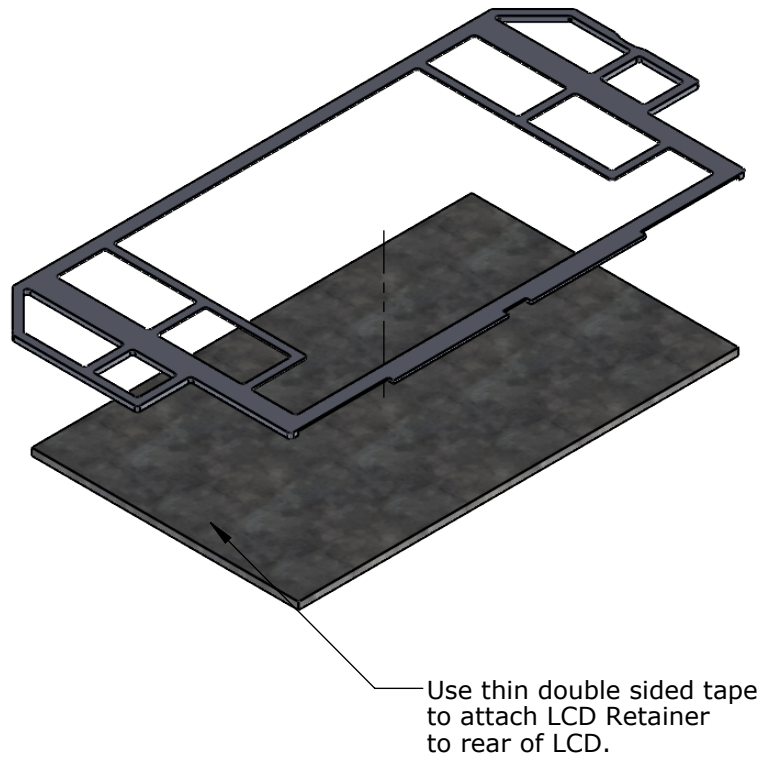
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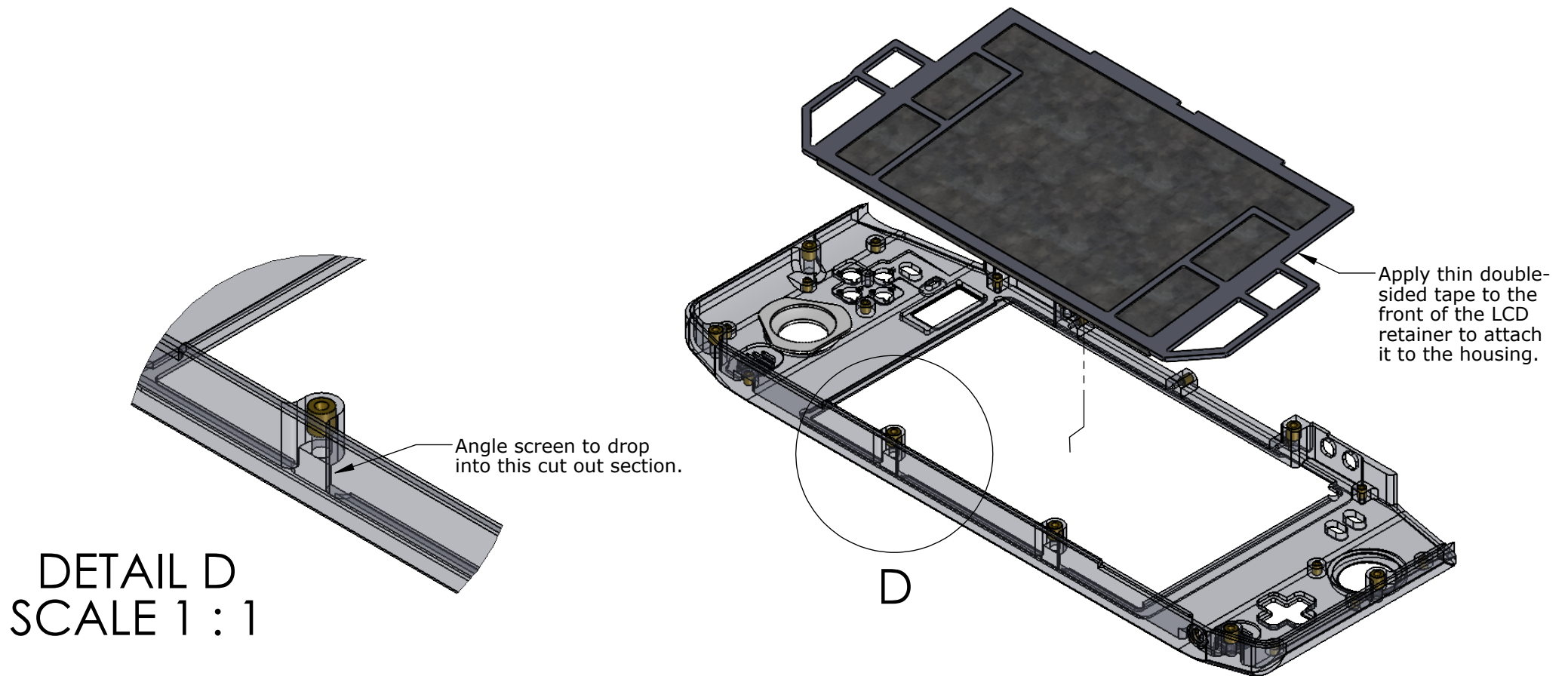
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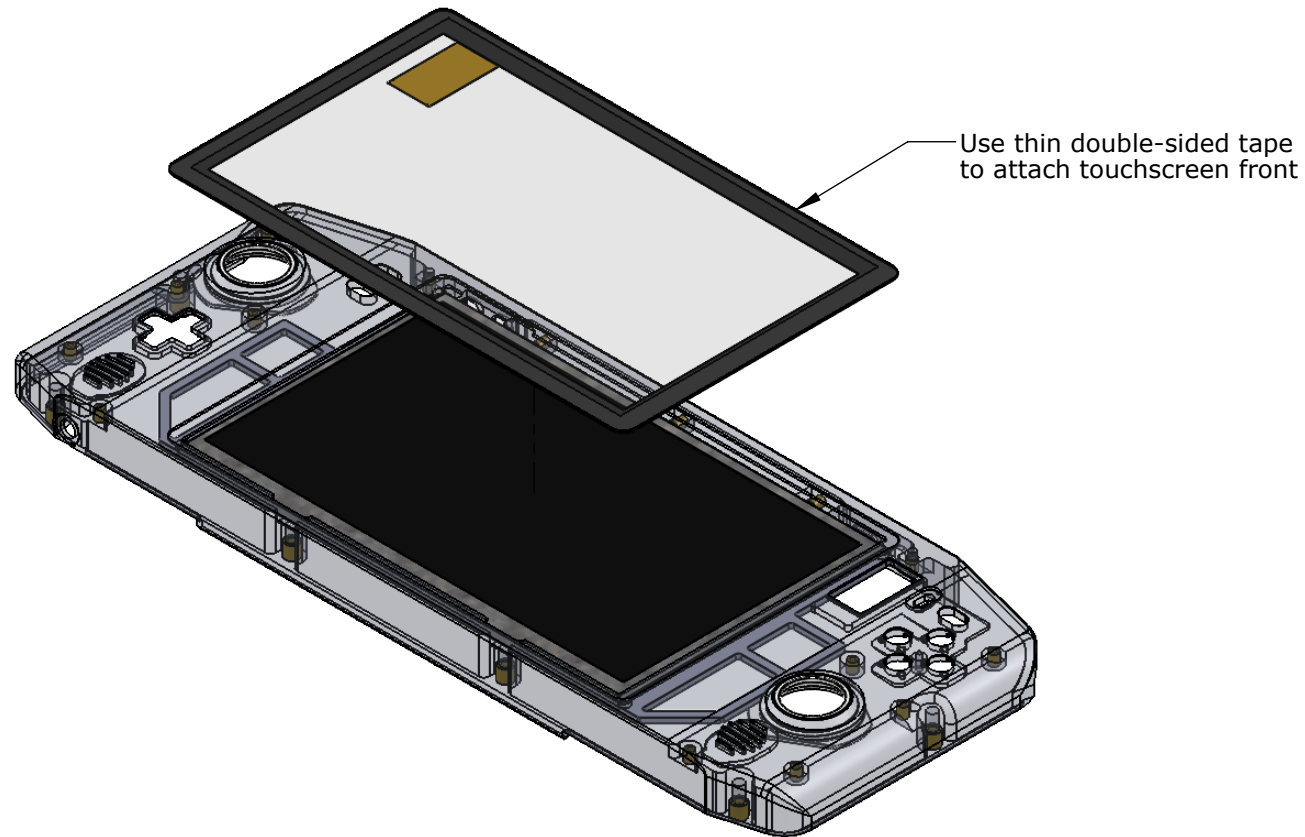
Step 6 - LCD Retainer



Step 7 - LCD Installation



Step 8 - Touch Screen



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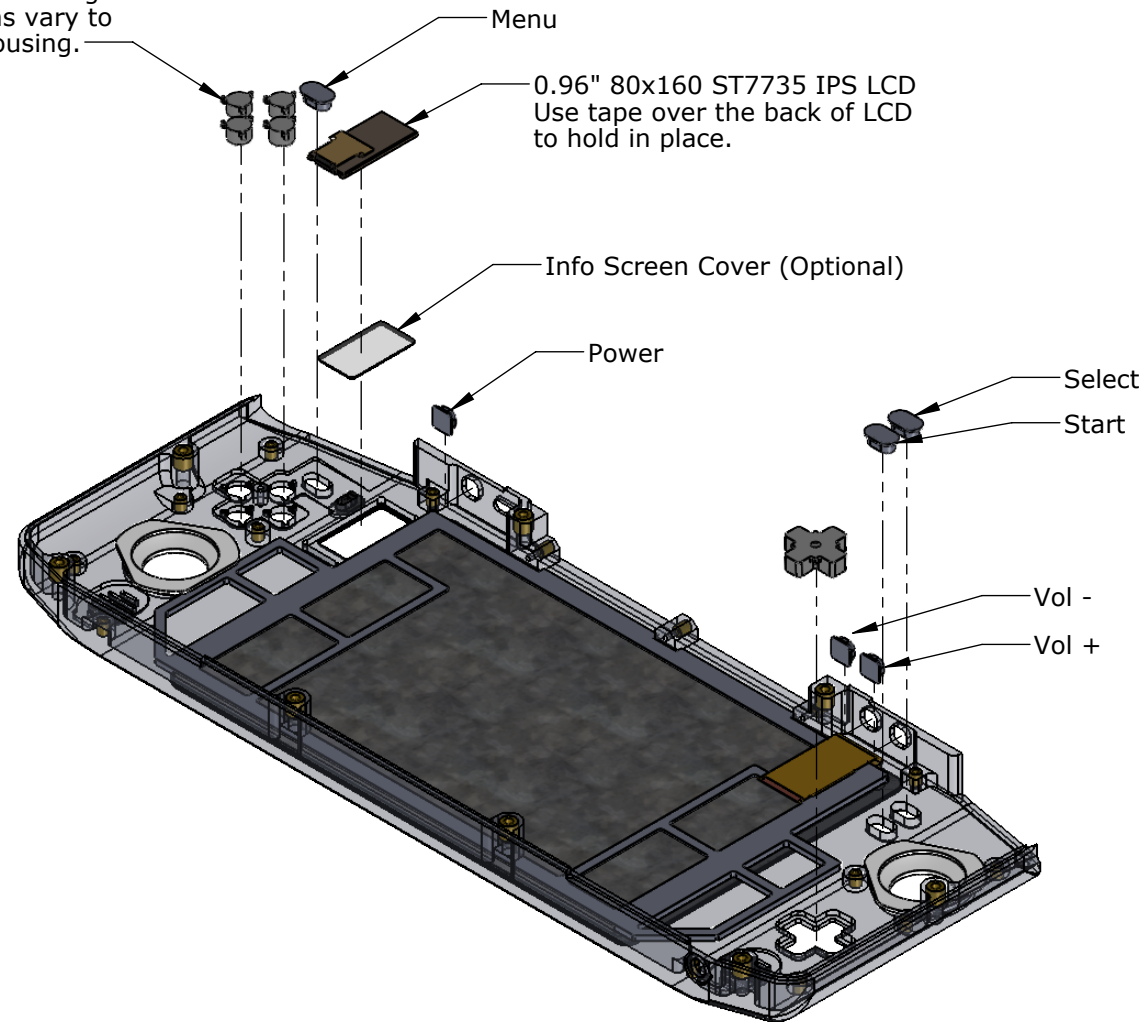
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Step 9 - Buttons

Use Nintendo Layout for buttons. Heights of buttons vary to match housing.



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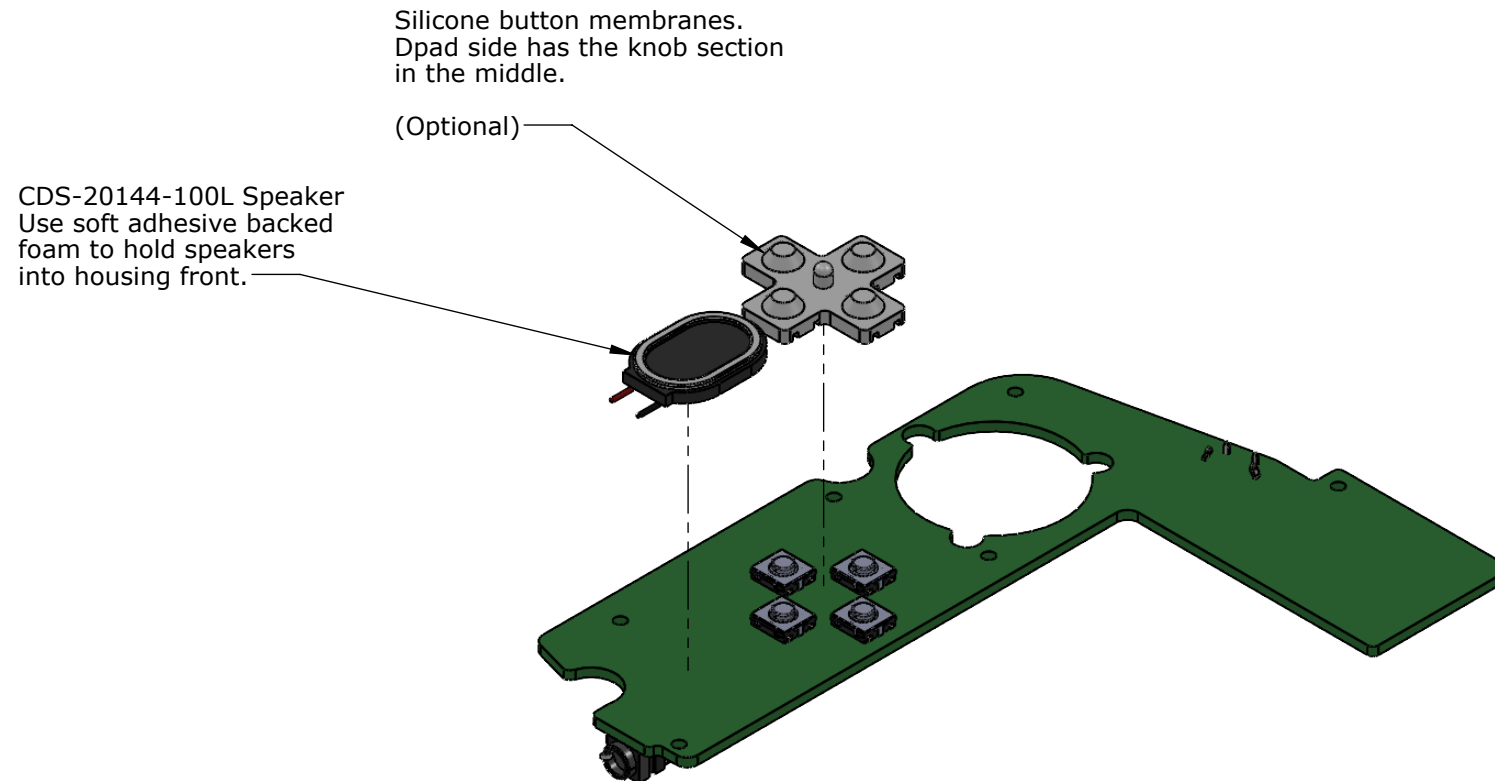
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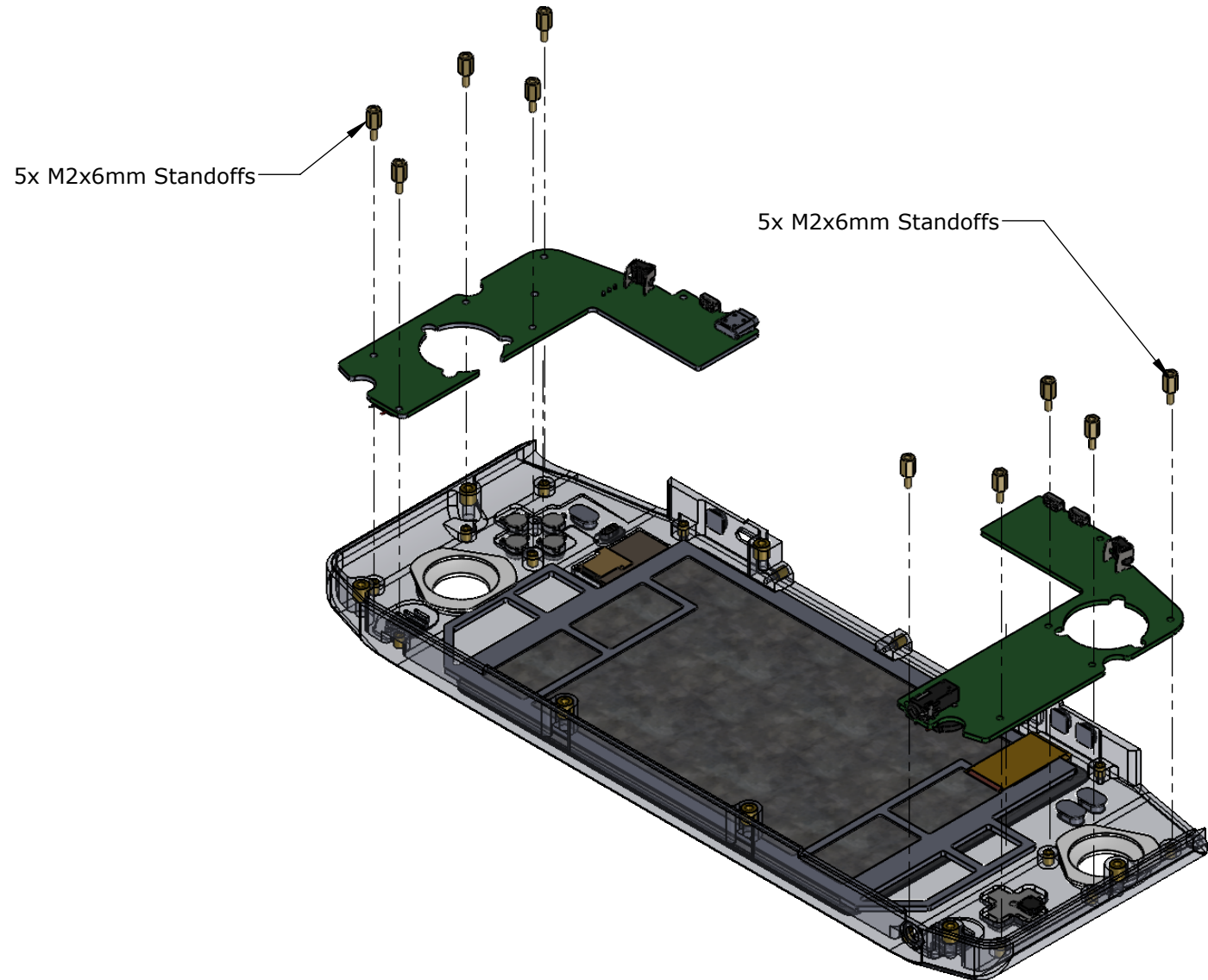
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Step 10 - Front PCB's



Step 11 - Front PCB Install



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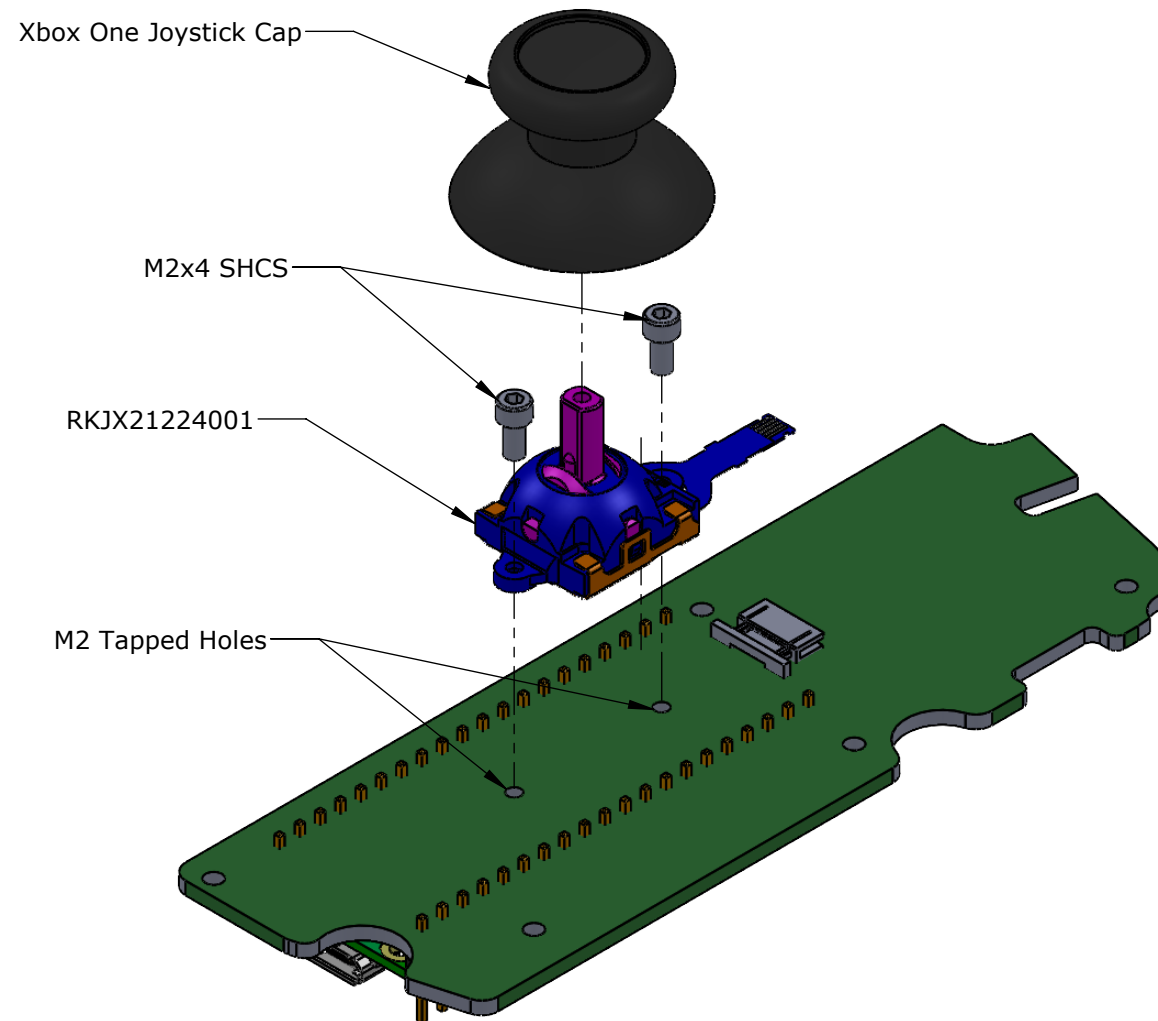
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Step 12 - Rear PCB Assembly



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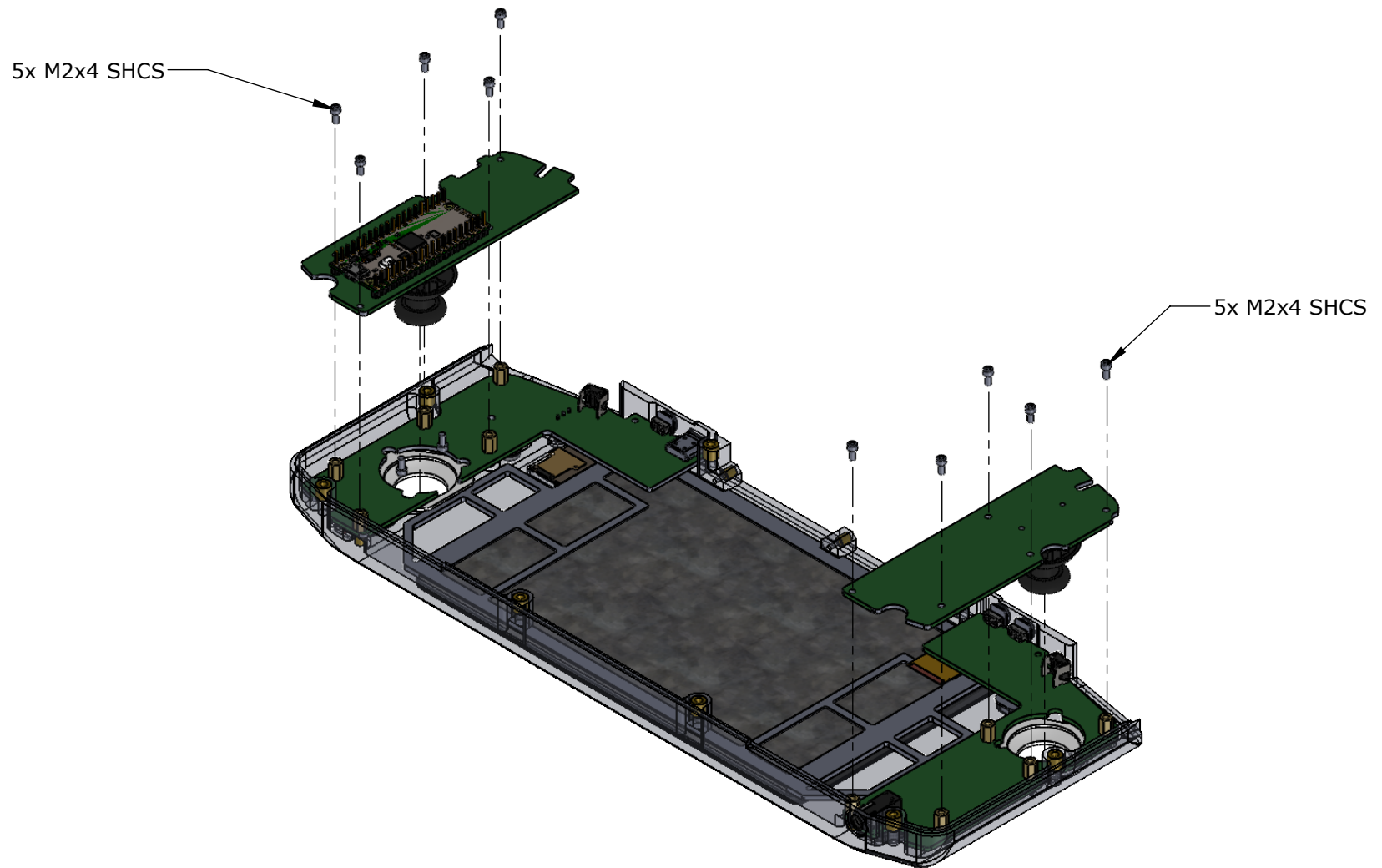
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Step 13 - Rear PCB Assembly



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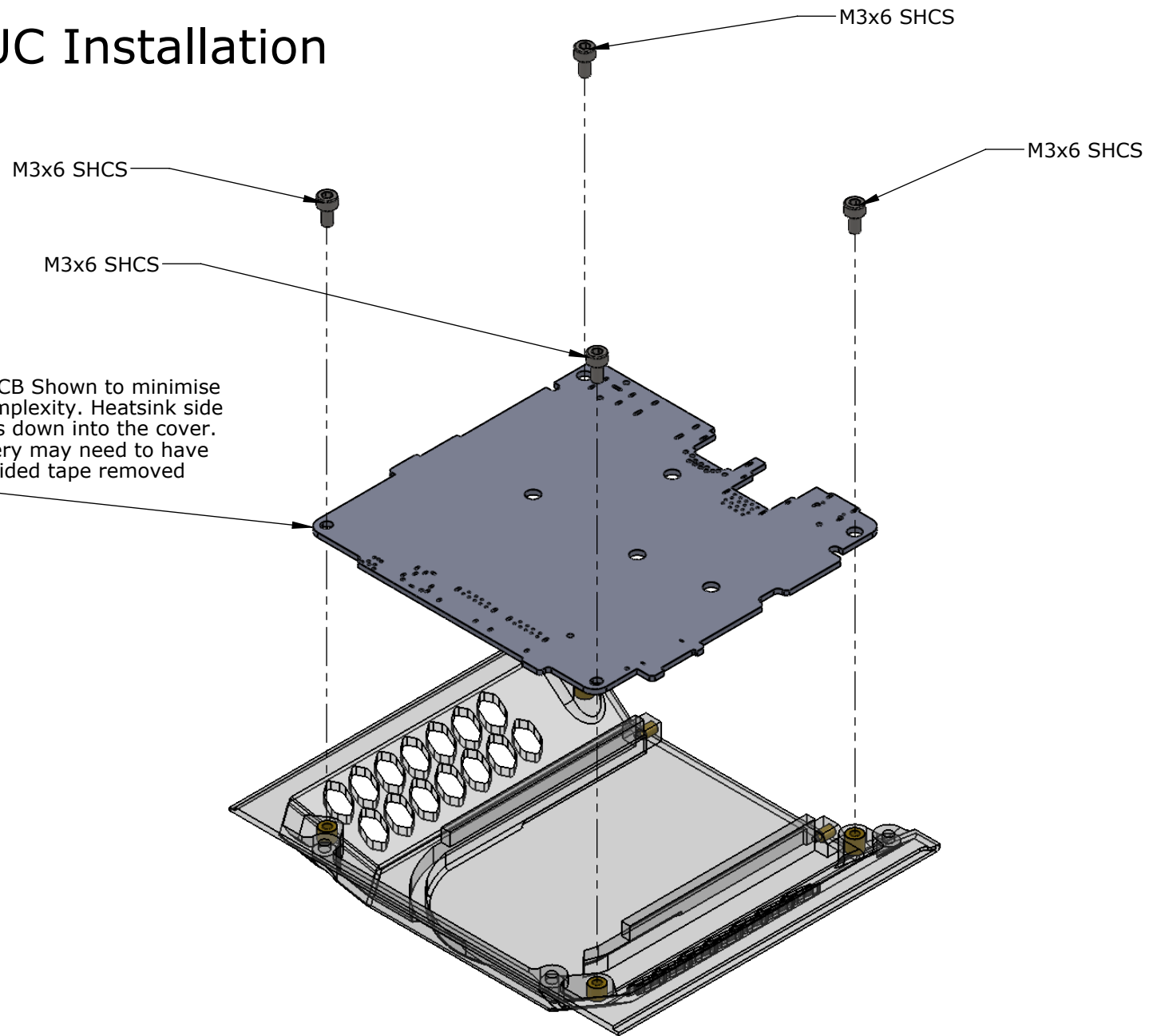
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Step 14 - NUC Installation

Only NUC PCB Shown to minimise drawing complexity. Heatsink side of NUC goes down into the cover. CMOS Battery may need to have its double-sided tape removed to fit.



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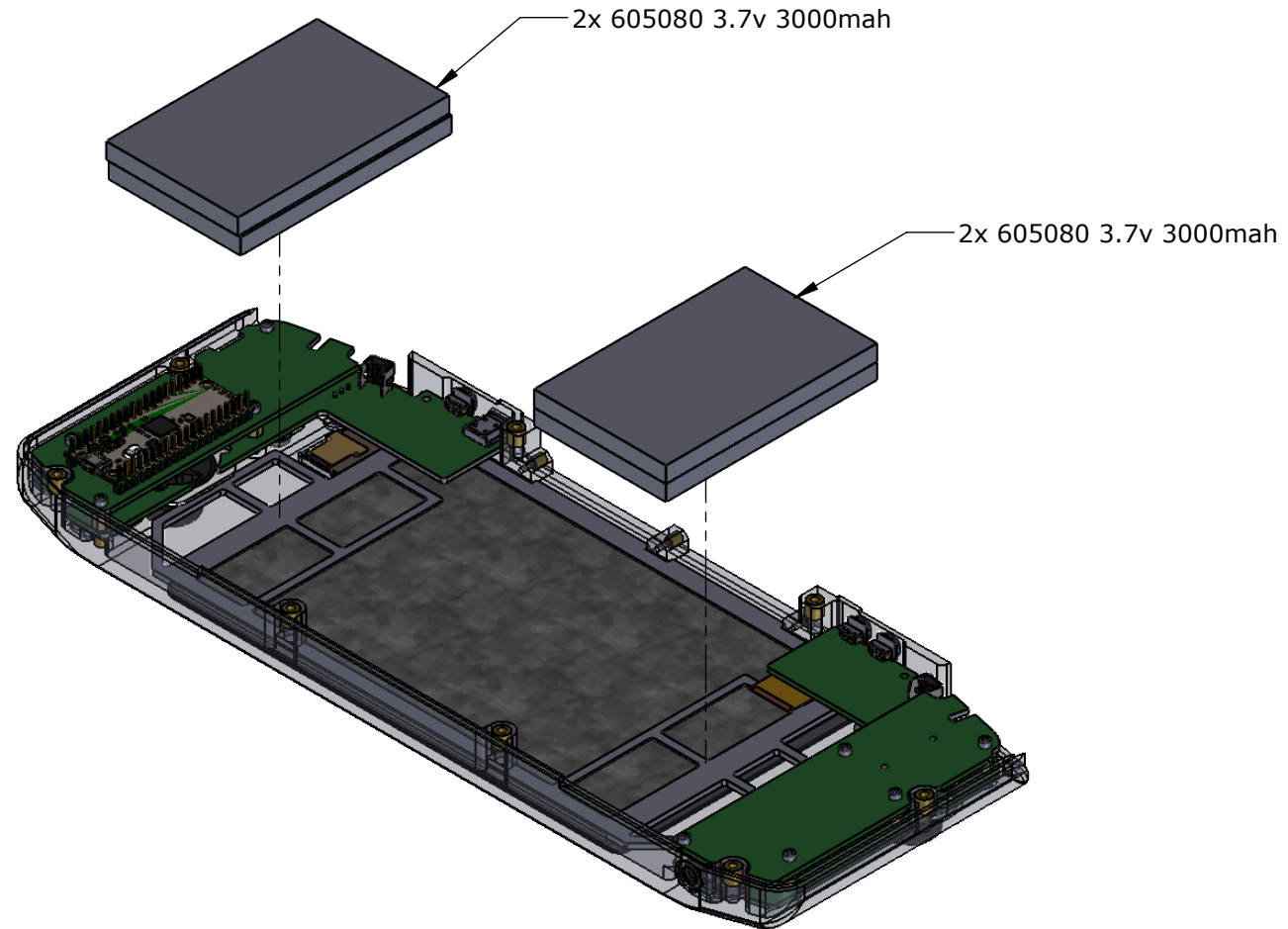
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Step 15 - Batteries



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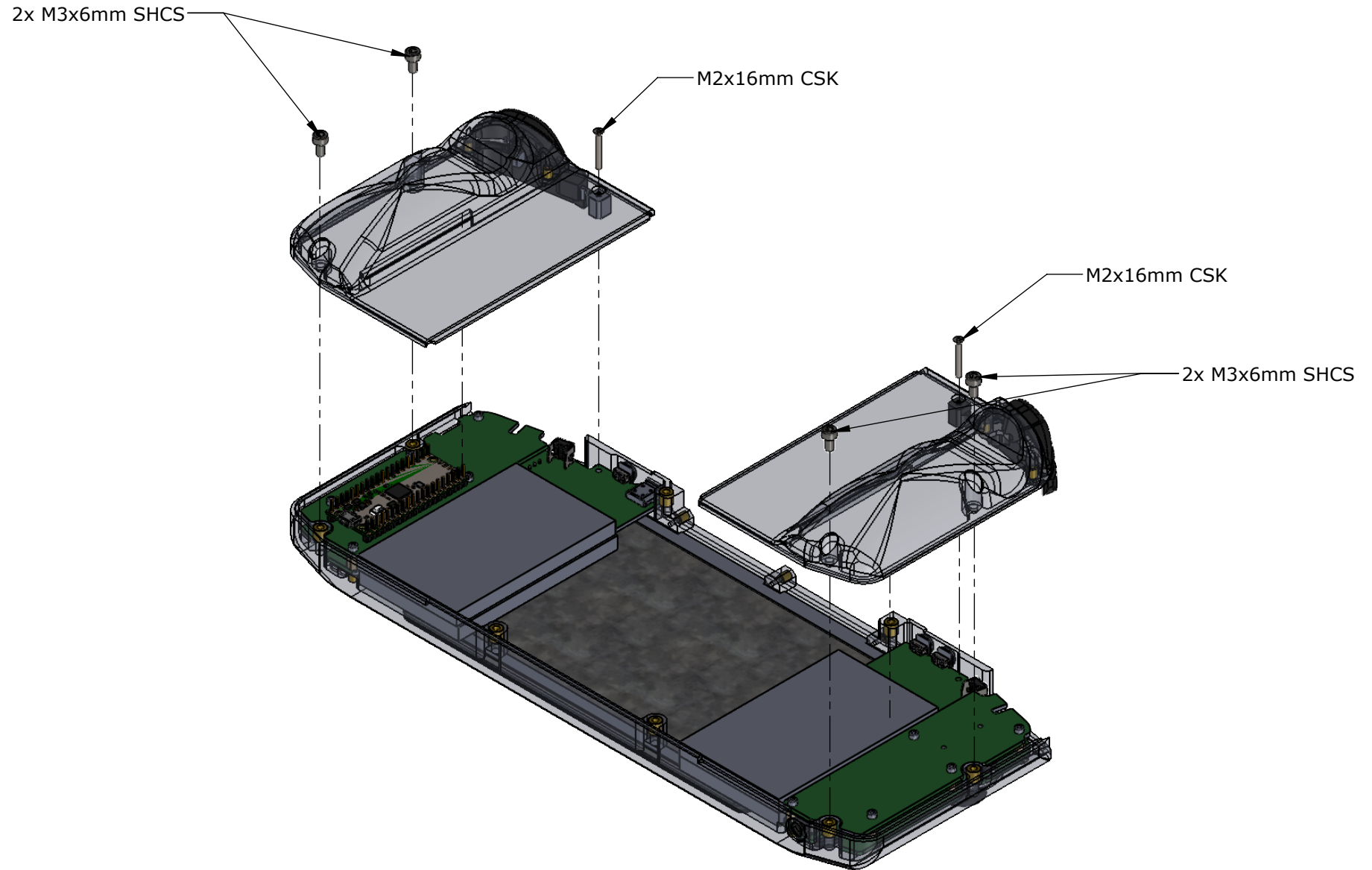
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Step 16 - Hand Grips



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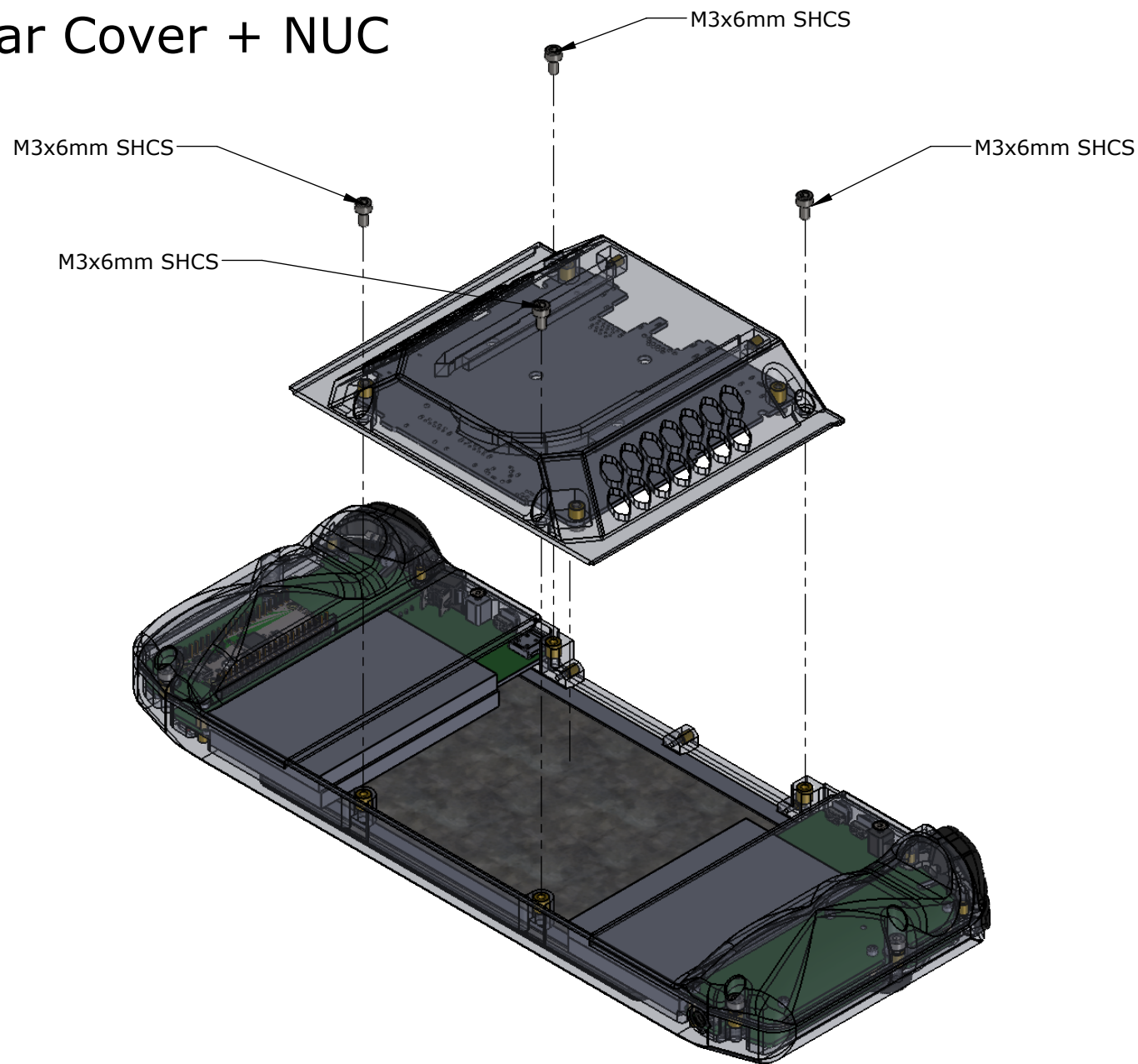
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Step 17 - Rear Cover + NUC



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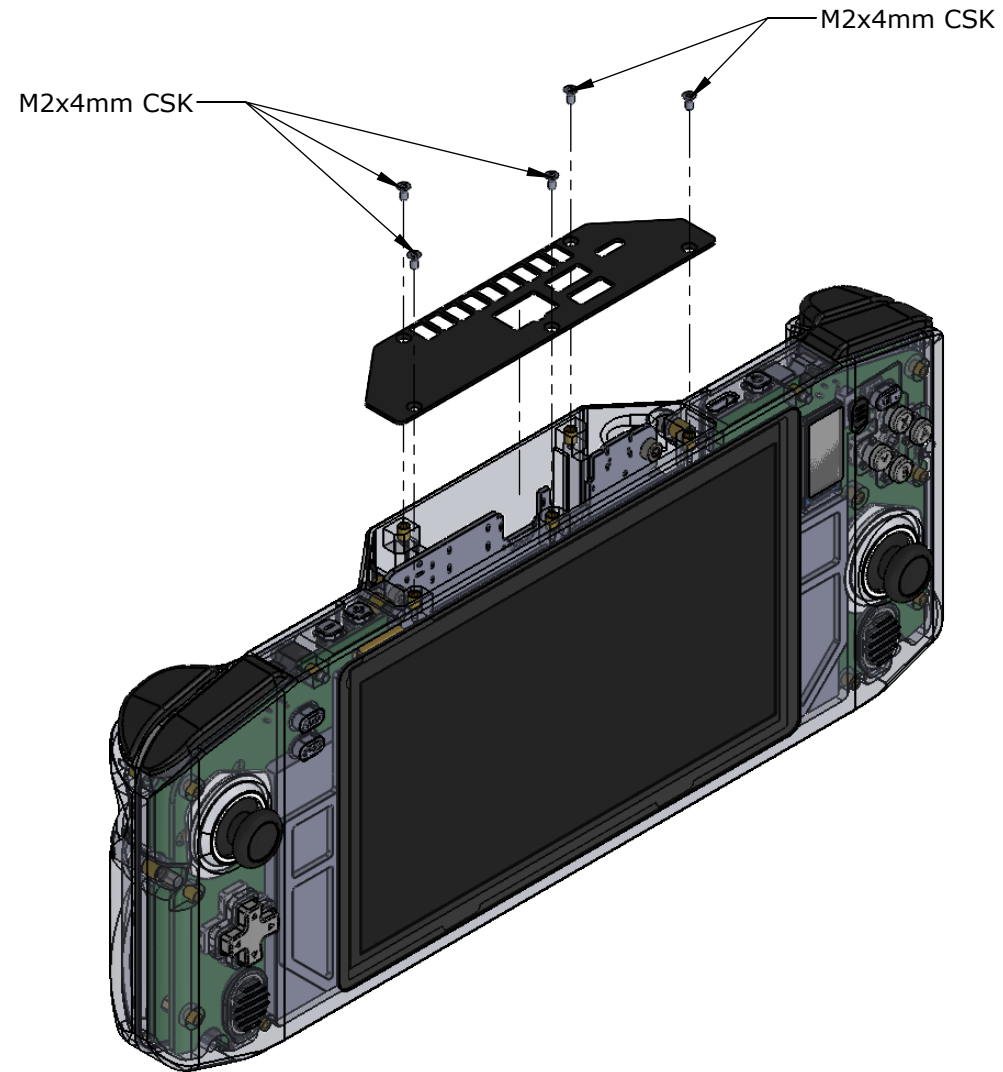
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Step 18 - Top Cover



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