



Parts List				
Item	Qty	Part Number	Description	Material
1	1	Internals	Parent of all internals	Printed PLA Plastic
1.1	1	TactHolder	Face button holder	Printed PLA Plastic
1.2	1	Fitting	Face button support	Printed PLA Plastic
1.3	1	SliderTray	Tray for slide potentiometers	Printed PLA Plastic
1.4	1	LowerTactHolder	Support for lower buttons	Printed PLA Plastic
1.5	1	TopShelf	Support for interal buttons	Printed PLA Plastic
2	1	Not Printed	Parent of all non-printed	Steel
2.1	9	Tact Switch		Steel
2.2	2	Slider		Steel
2.2.1	1	Handle		Steel
2.3	3	Spring		Steel
2.4	1	ESP32 Microcontroller		Steel
2.5	1	ProtoBoard		Steel
2.6	1	Joystick		Steel
2.6.1	1	Top		Steel
3	1	Buttons	Parent of all buttons	Printed PLA Plastic
3.1	4	FaceButton	ABXY/Dpad buttons	Printed PLA Plastic
3.2	1	LeftTrigger	Left linear trigger	Printed PLA Plastic
3.3	1	RightTrigger	Right linear trigger	Printed PLA Plastic
3.4	1	Tilt	Tilt button for bumpers	Printed PLA Plastic
3.5	1	Shift	Shift button	Printed PLA Plastic
3.6	2	SmallButton	Start/select buttons	Printed PLA Plastic
4	1	Shell	Parent of all shells	Printed PLA Plastic
4.1	1	ButtonCap	Face button cover	Printed PLA Plastic
4.2	1	Back	Back shell piece	Printed PLA Plastic
4.3	1	Front	Front shell piece	Printed PLA Plastic
4.4	1	Top	Top shell piece	Printed PLA Plastic

Because of the usage of subcomponents to keep the project organized, the component's parent is shown in the parts list. Fusion 360 does not allow removing just the parent, and removing them from the project breaks the entire controller. As such, the numbering is first by parent, then by component in clockwise order.

We are also unable to change the angle of the view to be more useful, none of the options are easy to view.

To make things easier, here is how page number works:
All Internals (1.x) are at pages x
All Buttons (3.x) are at pages x + 5
All Shells (4.x) are at pages x + 11

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