

Electronic Bill of materials

Component	Amount	Price w/o Tax	Role	Supplier
ELEGOO Uno Rev3 w/ cable	x1	\$23.99 CAD	Main Microcontroller	Amazon Link
Gikfun Gyroscope	x1	\$14.98 CAD	Rotation Capture (x, y, z) going to be used for movement	Amazon Link
500pcs Assorted Resistors	x1	\$13.85 USD	Resistors for our electronic components	Creatron Link
5pcs Micro DC Vibrating Motors	x1	\$11.37 CAD	Used to produce a haptic feedback rumble on all sides of the controller	Amazon Link
10pcs Push Buttons	x1	\$9.68 CAD	Used as a base for our buttons for Inputs	Amazon Link
Neuftech 140 Set Flexible Insulated Wire Cables	x1	\$7.99 CAD	Wires used to connect our elements on a breadboard	Amazon Link
BB400 Solderless BreadBoard	x1	\$7.90 CAD	Solderless Wire-to-Arduino Connection	Amazon Link
TOTAL		\$89.76 CAD		

Part List

Item	Qty	Part Number	Description	Material
1	x1	1	Controller Stand	PLA
2	x1	2	Controller Base	PLA
3	x2	3	Handle	PLA
4	x1	EL-CB-001	Arduino controller	
5	x1	BB400	Breadboard for solderless wiring	PLA
6	x4	ViaGasaFami doi0xahocpbr-02	Rumble Motors	
7	x1	7	Square Design on button topper	PLA
8	x1	8	Circle Design on button topper	PLA
9	x1	9	Diamond Design on button topper	PLA
10	x3	EK1925C	12mm Constructed push buttons	
11	x1	11	Lid to the controller	PLA
12	x1	EK1091x3C	Gyroscope	