

Bill of Materials								
Main Category	Sub Category	Purchase Link	Notes	Part Number	Qty	Price	Total Price for Parts	Data Sheet
Microcontroller	Teensy 3.6	PJRC		TEENSY36	1	\$29.25	\$29.25	Here
Electronics	HC-SR04+ Ultrasonic Sensor	Amazon	2pcs included and need 2	a19052200ux0126	1	\$7.73	\$7.73	Here
	IR Infrared Sensor	Amazon	10 pcs included, need 1	B07W97H2WS	1	\$7.99	\$7.99	Here
	HC-05 Bluetooth Module	JSumo		HC06BT	1	\$6.85	\$6.85	Here
	OLed Display Module	Amazon	2pcs included, need 1	8541549353	1	\$10.99	\$10.99	Here
	L298N Motor Drive Controller	Amazon		CECOMINOD012186	1	\$6.89	\$6.89	Here
	Mini Gear Motor	Pololu	150:1 Gearmotor - 6V	997	2	\$15.95	\$31.90	Here
	Tactile SPST Switch	ResiStore		855	1	\$0.05	\$0.05	Here
	10k Resistor	ResiStore		190	1	\$0.05	\$0.05	Here
	9V Battery Holder with Switch	LedSupply		BH-9V-SWITCH	1	\$1.69	\$1.69	Here
	Wheel 32X7mm - Pair	Pololu		1087	1	\$2.95	\$2.95	Here
Assembly	Caster Ball	Pololu	Pololu Ball Caster with 3/8" Plastic Ball	950	1	\$1.99	\$1.99	Here
	B6B-XH-A(LF)(SN)	Digikey	JST XH Connector 6x1 - Male	455-2271-ND	2	\$0.27	\$0.54	Here
	B5B-XH-A(LF)(SN)	Digikey	JST XH Connector 5x1 - Male	455-2270-ND	1	\$0.25	\$0.25	Here
	B4B-XH-A(LF)(SN)	Digikey	JST XH Connector 4x1 - Male	455-2249-ND	6	\$0.21	\$1.26	Here
	B3B-XH-A(LF)(SN)	Digikey	JST XH Connector 3x1 - Male	455-2248-ND	5	\$0.19	\$0.95	Here
	B2B-XH-A(LF)(SN)	Digikey	JST XH Connector 2x1 - Male	455-2247-ND	1	\$0.15	\$0.15	Here
	XHP - 6	Digikey	JST XH Female Connector Housing 6x1	455-2218-ND	2	\$0.14	\$0.28	Here
	XHP - 5	Digikey	JST XH Female Connector Housing 5x1	455-2268-ND	1	\$0.12	\$0.12	Here
	XHP - 4	Digikey	JST XH Female Connector Housing 4x1	455-2267-ND	6	\$0.10	\$0.60	Here
	XHP - 3	Digikey	JST XH Female Connector Housing 3x1	455-2219-ND	5	\$0.10	\$0.50	Here
	XHP - 2	Digikey	JST XH Female Connector Housing 2x1	455-2266-ND	1	\$0.10	\$0.10	Here
	Brass Knurled Threaded Insert	Amazon	250-Pcs M2 / M3 /M4 Assortment Kit	HBN-250	1	\$15.98	\$15.98	Here
	M1.6 Thread Brass Knurled Insert	Amazon	50PCS M1.6 x 4mm	QXAD0072	1	\$4.59	\$4.59	Here
	M1.6 x 6mm Screws	Wilco	M1.6 screw 6mm length		8	\$0.20	\$1.60	
	M2 x 4mm Screws	HomeDepot	4mm Phillips flathead machine screw 2pcs	794439	3	\$0.40	\$1.20	
	M2 x 8mm Screws	HomeDepot	8mm Phillips flathead machine screw 2pcs	795552	1	\$0.54	\$0.54	
	M2 x 10mm Screws	HomeDepot	10mm Phillips flathead machine screw 2pcs	790787	1	\$0.40	\$0.40	
	M3 x 6mm Screws	HomeDepot	6mm Phillips flathead machine screw 3pcs	903113	3	\$0.50	\$1.50	
	M3 x 8mm Screws	HomeDepot	8mm Phillips flathead machine screw 2pcs	513007	1	\$0.54	\$0.54	
	M3 x 10mm Screws	HomeDepot	10mm Phillips flathead machine screw 2pcs	796645	3	\$0.65	\$1.95	
Custom Items	3D Printed Frame							
	Teensy Shield - PCB Board							
	Button Module - PCB Board							
	Acrylic Cut Windows							
Total Cost For Materials					\$141.38			