

Item:	Description:	Vendor:	Part #/Model:	Notes:	Quantity:	Unit Cost	Total Cost	Link:
Knee Brace	Its a fabric sleeve that goes on your knee	Amazon	NA		1	\$9.95	\$9.95	https://www.amazon.com/dp/B074388266/ref=twister_B08627723D?_encoding=UTF&psc=1
MPU6050 Accelerometer	A sensor that can calculate gyro dimensions.	Amazon	SEN0142 6 DOF		1	\$5.99	\$5.99	https://www.amazon.com/DiyMore-MPU-6050-MPU6050-Gyroscopic-Accelerometer/dp/B01J167T84/ref=rs_1_20_sspa?dchild=1&keywords=SEN0142+6+DOF+sensor+MPU6050&qid=1593800265&sr=8-20-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUEX
PERF Baard	A board that you solder materials on(Package of 40)	Amazon	CA-EL-CP-021		2	\$10.99	\$10.99	https://www.amazon.com/DEYUE-Double-sided-Prototyping-Solder-able-Protoboard/dp/B077FDFD13/ref=rs_1_1_sspa?dchild=1&keywords=PERF+board&qid=1593800310&sr=8-3-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUEX
	An electronic board that you connect wires on	Amazon	NA		1	\$5.99	\$5.99	https://www.amazon.com/Breadboard-Solderless-Prototype-PCB-Board/dp/B077DN2P51/ref=rs_1_15?dchild=1&keywords=breadboard+arduino&qid=1593800384&sr=8-15
Arduino	A microcontroller that runs all your code	Amazon	NA		1	\$12.99	\$12.99	https://www.amazon.com/ELEGOO-Board-ATmega328P-ATMEGA16U2-Compliant/dp/B01EWO6U0J/ref=rs_1_2_sspa?dchild=1&keywords=arduino+board&qid=1593801223&sr=8-2-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUE3C
Battery	Something that powers your arduino	Amazon	NA		1	\$8.49	\$8.49	https://www.amazon.com/Poweradd-Slim-Ultra-compact-Portable-External/dp/B00K4G5W08/ref=rs_1_3_mod_primary_lightning_deal?dchild=1&keywords=powerAdd%2BLi-ion%2Bbattery&qid=1593801420&sr=8-2-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUE3C
Bluetooth Module	Something that sends data to another device	Amazon	HC-06		1	\$7.99	\$7.99	https://www.amazon.com/Hifitop-Wireless-Bluetooth-Transceiver-Arduino/dp/B017YJG8DR/ref=rs_1_2_sspa?crid=3H48RY24KH8F&dchild=1&keywords=hc-06+bluetooth+module&qid=1593801470&sr=8-2-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUE3C
Flex Sensor	A sensor that calculates how far something bends	Amazon	ADA1070		1	\$10.95	\$10.95	https://www.amazon.com/Adafruit-Short-Flex-Sensor-ADA1070/dp/B00SK8PZVS/ref=rs_1_1_2?dchild=1&keywords=flex+sensor&qid=1593801526&sr=8-2
OLED Display	A display that displays words	Amazon	SSD1306	w/ 2 pieces	1	\$12.35	\$12.35	https://www.amazon.com/Display-Module-SSD1306-Compatible-Arduino/dp/B07QW95L1R/ref=rs_1_2_sspa?dchild=1&keywords=OLED+display+arduino+ic&qid=159380171&sr=8-2-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUE3C
Solder	keeps the wires on the board	Amazon	NA		NA	\$11.15	\$11.15	https://www.amazon.com/Mudder-Solder-Electrical-Soldering-0.22lbs/dp/B01B6TWG7Y/ref=rs_1_26?dchild=1&keywords=solder&qid=1593801800&sr=8-26
Jumper Wires	Wires that can connect components to each other	Amazon	NA		NA	\$5.79	\$5.79	https://www.amazon.com/EDGELEC-Breadboard-Optional-Assorted-Multicolored/dp/B07GD2BWPY/ref=rs_1_1_sspa?dchild=1&keywords=jumper+wires&qid=1593801649&sr=8-1-spans&psc=1&spL=ZW5jcmlwdGVkUXVhbmGimaWVyPUE3C