

Product Name	Description	Subsystem Used	Part Number	Manufacturer	Quantity	Price
OpAmp IC	General Purpose Amplifier 4 Circuit Rail-to-Rail 14-PDIP	Resistance System	MCP6004-I/P	Microchip Technology	2	\$1.18
Potentiometer	100 kOhms 0.5W, 1/2W PC Pins Through Hole Trimmer Potentiometer Cermet 1.0 Turn Top Adjustment	Resistance System	3386P-1-104LF	Bourns Inc	2	\$3.22
BATT HOLDER AA	Battery Holder (Open) AA 3 Cell Wire Leads - 6" (152.4mm)	Resistance System	BC3AAW	MPD	2	\$4.66
Capacitor	47 pF Mica Capacitor 500 V Radial	Resistance System	CD15ED470JO3	Cornell Dubilier Electronics (CDE)	2	\$3.56
Perfboard	Breadboard, General Purpose Plated Through Hole (PTH) Pad Per Hole (Round) 0.1" (2.54mm) Grid	Resistance System	ST-PERF-1-2	SchmalzTech, LLC	2	\$7.80
Arduino Nano	Arduino Nano 33 Bluetooth Low Energy Microcontroller	Resistance System	ABX00030	Arduino	2	\$55.18
Weight Sensors	8pcs Load Cell 50kg Weight Sensor Half Bridge Strain Gauge Human Body Digital Scale + 2pcs HX711 Amplifier AD Module for Arduino	Resistance System	B09W2K13ZY	DIYmalls	1	\$10.98
Speaker	Logitech Z207 2.0 Multi Device Stereo Speaker	Audio	B074KJ6JQW	Logitech	1	\$59.94
Mic Mount	CAMVATE Super Clamp with Cold Shoe Mount for Camera Flash Light	Audio	B07D9LTING9	CAMVATE	1	\$15.00
Microphone	Logitech Blue Snowball USB Microphone for PC	Audio	B000EOPQ7E	Logitech	1	\$69.99
Windshield for Microphone	Deadcat Windshield					
	Wind Cover for Blue Snowball iCE	Audio	B075F5C6BV	YOUSHARES	1	\$9.99
Microphone Mount Adapter	5/8"-27 Male Threaded Cold Shoe Adapter for Microphone Mount	Audio	B014XGA4DE	CAMVATE	1	\$5.99
Pole Mount	Universal Stainless Steel Vertical Pole Mount Adapterwith 3 Loops	Audio	B0BVT4J3FF	Lighfast	1	\$9.99
Screws	1/4-20 x 3/4" Button Head Socket Cap Bolts Screws, 304 Stainless Steel 18-8	Audio	B0BVT4J3FF	EastLo	1	\$7.99
	YOUSHARES Snowball Shock Mount, Shockmount Reduces Vibration Noise					
	Matching Mic Boom Arm Stand, Compatible with Blue Snowball iCE USB Microphone	Audio	B08L4DB79P	YOUSHARES	1	\$16.88
Hall Effect Sensor	Hall Effect Sensor Single Axis TO-92-3	Work	DRV5056A2ELPGMQ1	Texas Instruments	2	\$4.02
Arduino Nano	Arduino Nano 33 BLE with Headers [ABX00034]	Work	TIFC00125	Arduino	2	\$59.98
BATT HOLDER AA	Battery holder fo 3 AA batteries	Work	BC3AAW-ND	MPD (Memory Protection Devices)	1	\$2.33
Magnet	Nickel-Plated N52 Magnet	Work	B0CGDTQ64C	Mixia	2	\$26.99
	DC 12 Volt 5 Amp Power Supply 60W 12Volt 5Amp AC Adapter 100-240V 50-60Hz AC to DC 12V 5A Power Adapter Converter with 5.5mm x 2.5mm Tip & 1 Female Terminal for LED Strip Light CCTV Camera etc.	Immersion	B0BJVVBBMJ	Amazon	1	\$10.87
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	Fan Tubeaxial 12VDC Square - 120mm L x 120mm H Ball 185.5 CFM (5.19m³/min) 4 Wire Leads	Immersion	CFM-A225BF-158-597-22	DigiKey	2	\$71.70
Fans						
Arduino Mega 3	Arduino Mega 2560 REV3 [A000067]	Immersion	B0046AMGW0	ARDUINO	1	\$48.90
TOTAL COST:						\$507.14
TOTAL QUANTITY:					31	