18-549 Bill of Materials						
Part IDs	Part Name	Quantity	Unit Cost	Cost	Vendor	Purchasing Link
296-37771-ND	CC3200-LAUNCH XL Development Board	1	$30.08	$30.08	Digi-Key	http://www.digikey.com/product-de
296-38012-ND	CC3200 IC	3	$12.60	$37.80	Digi-Key	http://www.digikey.com/product-de
SEN-09196 ROHS	Piezo Vibration Sensor - Large	4	$2.95	$11.80	Sparkfun	https://www.sparkfun.com/products
SEN-10293 ROHS	Piezo Element	4	$1.50	$6.00	Sparkfun	https://www.sparkfun.com/products
COM-10917	Surface Transducer - Small	5	$9.95	$49.75	Sparkfun	https://www.sparkfun.com/products
COM-09190	Momentary Pushbutton Switch - 12mm Square	8	$0.50	$4.00	Sparkfun	https://www.sparkfun.com/products
LM386MX-1/NOPBCT-ND	Texas Instruments LM386MX-1/NOPB Audio Amplifier IC	6	$0.88	$5.28	Digi-Key	http://www.digikey.com/product-de
1785	Medium Surface Transducer with Wires - 4 Ohm 3 Watt	3	$14.95	$44.85	Adafruit	https://www.adafruit.com/products/
SEN-13835	SST Liquid Level Sensor	2	$24.95	$49.90	Sparkfun	https://www.sparkfun.com/products
PRT-12622	SMD LED - Red 1206 (strip of 25)	1	$2.95	$2.95	Sparkfun	https://www.sparkfun.com/products
PRT-12619	SMD LED - Green 1206 (strip of 25)	1	$4.95	$4.95	Sparkfun	https://www.sparkfun.com/products
PRT-10877	2x3 Pin Shrouded Header	3	$1.50	$4.50	Sparkfun	https://www.sparkfun.com/products
COM-00595	Voltage Regulator - Adjustable LM1117 SMD	4	$1.50	$6.00	Sparkfun	https://www.sparkfun.com/products
828	Liquid Flow Meter - Plastic 1/2" NPS Threaded	3	$9.95	$29.85	Adafruit	https://www.adafruit.com/products/
N/A	Assorted Resistors, Caps, Standoffs, etc.	1	$75.00	$75.00	Sparkfun	
N/A	Fabrication Costs	6	$30.00	$180.00		
N/A	XFasten Double Sided Tape, Removable, 1.5-Inch by 15-Yards, Single Roll	1	$9.99	$9.99	Amazon	https://www.amazon.com/XFasten-
N/A	Gorilla Tough & Clear Mounting Tape, Double-Sided, 1" x 60", Clear	1	$5.83	$5.83	Amazon	https://www.amazon.com/Gorilla-T
1528-1159-ND	Jumper Wire Female to Female, Zippable	1	$3.95	$3.95	Digikey	http://www.digikey.com/product-de
1528-1161-ND	JUMPER WIRE F/M 40X3" 75MM	1	$3.95	$3.95	Digikey	http://www.digikey.com/product-de
COM-09938	10 Segment LED Bar Graph - Green	5	$1.95	$9.75	Sparkfun	https://www.sparkfun.com/products
PRT-00119	DC Barrel Power Jack/Connector	3	$1.25	$3.75	Sparkfun	
PRT-10217	SparkFun LiPo Charger Basic - Micro-USB	3	$7.95	$23.85	Sparkfun	https://www.sparkfun.com/products
PRT-13854	Lithium Ion Battery - 850mAh	3	$9.95	$29.85	Sparkfun	https://www.sparkfun.com/products
PRT-00116	Break Away Headers - Straight	5	$1.50	$7.50		https://www.sparkfun.com/products
	Raspberry Pi 3 for Prototyping	1	$0.00	$0.00		We found one today
	Emergency Fund	1	$150.00	$150.00		
				$0.00		**TOTAL**
				$0.00		$791.13