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Items Needed

Item	Use	Qty	Unit Price	Total Cost
Magnification Station	For soldering SMD components	1	20.090	\$20.09
Soldering Tips	Soldering	1	10.490	\$10.49
MPU6050	Accelerometer	2	10.830	\$21.66
150kohm Resistor	Resistor Array for flex sensor bias	4	0.330	\$1.32
Slide Switch	Switch For Glove	2	0.440	\$0.88
MCP73831	Battery Mgmt IC	6	0.670	\$4.02
10k Resistor	Resistors for Battery Mgmt IC	20	0.013	\$0.26
Switch	Pushbutton	5	6.130	\$30.65
USB micro	Connector	6	1.060	\$6.36
100nF/0.1uF Capacitor	Capacito	50	0.010	\$0.51
Switch	Pushbutton	5	3.470	\$17.35
M2 Bolt	For holding module PCB	1	4.760	\$4.76
Rfduino	Bluetooth module	6	14.990	\$89.94
3.3V Regulator	Voltage Regulator	15	0.479	\$7.19
10uF Capacitor	Harmonic Filtering	2	11.950	\$23.90
16 Channel Multiplexer	ADC interface to sensors	2	0.950	\$1.90
RGB LED	LED lights	8	0.500	\$4.00
SMD LED - Green 1206	LED lights	1	4.950	\$4.95
Tall Push button	Button for motor module	3	0.500	\$1.50
StepUp Down Charger		10	1.950	\$19.50
USB to Serial IC	USB-RS232	6	4.500	\$27.00
Total				\$298.23

Vendor	Part Number	Links
Amazon		http://www.amazon.com/GadgetZone-Soldering-Illur
Amazon		http://www.amazon.com/Baitaihem-12pcs-Solder-So
Digikey	1428-1007-1-ND	http://www.digikey.com/product-detail/en/MPU-605
Digikey	4608X-1-224LF-ND	http://www.digikey.com/product-detail/en/4608X-1(
Digikey	401-2002-1-ND	http://www.digikey.com/product-detail/en/JS202011
Digikey	MCP73831T-2ACI/OTCT-ND	http://www.digikey.com/product-detail/en/MCP7383
Digikey	MCP73831T-2ACI/OTCT-ND	http://www.digikey.com/product-detail/en/MCR01M
Digikey		http://www.digikey.com/product-detail/en/ELUMEE7
Digikey		http://www.digikey.com/product-detail/en/1051330
Digikey		http://www.digikey.com/product-detail/en/GRM188
Element14		http://www.newark.com/te-connectivity-alcoswitch/
McMaster-Carr	92000A019	http://www.mcmaster.com/#machine-screws/=x9m6
Mouser Electronics	975-RFD22301	http://www.mouser.com/ProductDetail/RF-Digital/R
Mouser Electronics	595-UA78M33CDCYR	http://www.mouser.com/ProductDetail/Texas-Instru
Sparkfun	1124	https://www.sparkfun.com/products/11244
Sparkfun	CD74HC4067	https://www.sparkfun.com/products/299
Sparkfun	10866	https://www.sparkfun.com/products/10866
Sparkfun	12622	https://www.sparkfun.com/products/12622
Sparkfun	8605	https://www.sparkfun.com/products/8605
Sparkfun	MC34063A	https://www.sparkfun.com/products/317
Sparkfun	FT232RL	https://www.sparkfun.com/products/650

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