

CAD/USD 1.38 CAD/USD from MasterCard through AliExpresss and Digilent USD charges 201706
0.0128 CAD/NRS 20170924

Kit	Store	Description	Unit	Unit Cost	Qty	Total Cost
Arduino Sta	AliExpre	Push Button	100	1.6	1	1.6
Arduino Sta	AliExpre	Temp Sensor TMP36	10	7.5	1	7.5
Arduino Sta	AliExpre	LCD Display 16x2	1	1.84	10	18.4
Arduino Sta	AliExpre	Potentiometer 10k	10	2.75	1	2.75
Arduino Sta	AliExpre	LED RGB Common Cathode	100	2.99	1	2.99
Arduino Sta	AliExpre	LED Assorted 3mm 5mm	200	3.03	1	3.03
Arduino Sta	AliExpre	Piezo Buzzer 5V 12mm	10	1.37	2	2.74
Arduino Sta	AliExpre	H Bridge Motor Driver L293D	10	2.28	2	4.56
Arduino Sta	AliExpre	Optocoupler 4N35	10	0.9	2	1.8
Arduino Sta	AliExpre	MOSFET N Channel IRF520	10	1.88	2	3.76
Arduino Sta	AliExpre	MOSFET N Channel IRF520 Breakout	1	0.53	5	2.65
Arduino Sta	AliExpre	Capacitor 100uF Electrolytic	100	2.8	1	2.8
	AliExpre	Capacitor 0.1uF Ceramic	100	0.99	2	1.98
Arduino Sta	AliExpre	Resistors Assorted 2100pcs	2100	9	1	9
Tool	AliExpre	Multimeter	1	16	2	32
	AliExpre	USB Flash Drive 8GB	1	4.08	3	12.24
Arduino Sta	AliExpre	DC Motor 6V	20	12.65	1	12.65
Arduino Sta	AliExpre	9V Battery Snap	10	1.19	1	1.19
	AliExpre	Headers 1x40 Male and Female	10	1.85	1	1.85
	AliExpre	Prototype Board UNO Sheild	10	13	1	13
	AliExpre	Prototype board 5x7	10	1.85	2	3.7
Arduino Sta	AliExpre	Jumper cables MM MF FF 10cm	120	1.69	5	8.45
	AliExpre	Capacitive button array 16	1	0.98	10	9.8
	AliExpre	Photoresistor Light Sensor	20	0.7	2	1.4
	AliExpre	37 sensor kit	1	12.69	2	25.38
Arduino Sta	AliExpre	Breadboard 400 point	10	10.8	1	10.8
Arduino Sta	AliExpre	Servo SG90	10	12.9	1	12.9
	AliExpre	Vibrator Coin 3V	50	22	1	22
	AliExpre	LED Bicolor Red Green	100	4.83	1	4.83
	AliExpre	Breadboard Power Supply	10	5.43	1	5.43
	AliExpre	ATMEGA328p DIP	1	1.33	10	13.3
Arduino Sta	AliExpre	Arduino UNO with cable	1	4.8	10	48
	AliExpre	Arduino Micro	1	2.9	2	5.8
	AliExpre	Arduino Mega	1	9.5	2	19
	AliExpre	Crystal 16MHz	10	1.89	1	1.89
	AliExpre	5V Linear Regulator LM7805	10	0.78	2	1.56
	AliExpre	Capacitors assorted 300 pcs	300	2	2	4
	AliExpre	USB to TTL FT232	1	1.08	2	2.16
	AliExpre	Ultrasonic Transducer HC-SR04	10	8.34	1	8.34
	AliExpre	RFID Module	1	1.36	5	6.8
Arduino Sta	AliExpre	Diode IN4007	100	0.64	2	1.28
	AliExpre	BJT NPN PN2222	20	1.4	1	1.4
	AliExpre	8 bit shift register 74HC595	10	0.64	2	1.28
	AliExpre	Wire 22 AWG stranded 30M 5 colour box	1	16.11	1	16.11
	AliExpre	Arduino UNO Case	1	1.17	10	11.7
Tool	AliExpre	Battery Charger Ni-Mh 9V AA AAA	1	14.8	1	14.8

	AliExpre 9V Ni-Mh 450mAh	8	29.99	1	29.99
	AliExpre 9V Ni-Mh 450mAh	2	10.62	1	10.62
	AliExpre AAA Ni-Mh 1.2V 1000mAh	8	7.09	1	7.09
Tool	AliExpre Soldering Iron	1	7.92	1	7.92
	AliExpre Solder 63/37 Tin Lead 1mm	1	3.46	1	3.46
Tool	AliExpre Solder Tip Cleaner	1	2.9	1	2.9
	AliExpre 555 Timer NE555	20	0.9	2	1.8
	AliExpre Op Amp LM358	20	0.89	2	1.78
Tool	AliExpre Flush Cutters	1	1.78	1	1.78
Tool	Digilent Oscilloscope Analog Discovery 2	1	179	1	179
Tool	Digilent Oscilloscope Mini Grabber Clips	6	14.99	1	14.99
Tool	Digilent Oscilloscope BNC Adaptor board	1	19.99	1	19.99
Tool	Digilent Oscilloscope BNC cables	2	19.99	1	19.99
Rpi	Amazon Rpi Case	1	9.95	7	69.65
Rpi	Amazon Arduino Starter Kit	1	104.99	1	104.99
Rpi	Amazon 5V 2.5A microUSB power supply	1	10.99	7	76.93
Rpi	Amazon Micro SD card 32GB SanDisk	1	19.95	7	139.65
Rpi	Amazon Converter VGA to HDMI	1	11.99	7	83.93
Rpi	Amazon Thermal Paste 4g	1	10.49	7	2
Rpi	Amazon Raspberry Pi 3 Model B	1	50.99	7	356.93
Rpi	Amazon US to EU adaptors	6	8.99	2	17.98
Rpi	Amazon Micro SD card 32GB SanDisk	1	19.99	4	79.96
Rpi	Amazon Converter VGA to HDMI	1	10.99	4	43.96
Rpi	Amazon Raspberry Pi 3 Model B	1	47.99	4	191.96
Rpi	Amazon Rpi case and power supply	1	14.99	4	59.96
Tool	Bangem Wire stripper	1	250	5	1250
Tool	Bangem Screw driver set	1	650	1	650
	Bangem Solder tip sponge	1	10	12	120
Tool	Bangem Soldering iron 40W	1	250	10	2500
Tool	Bangem Soldering iron stand	1	115	10	1150
	Bangem Solder	1	75	10	750
	Bangem Extra soldering tip	1	55	10	550
	Bangem 100m solid wire, 2x twisted	1	500	1	500
	Bangem Solder flux	1	30	5	150
Tool	Bangem Solder pump	1	100	11	1100
Light Circuit	Bangem LED 5mm white	1	3	75	225
Light Circuit	Bangem Battery Lithium CR2025	1	15	65	975
Light Circuit	Bangem Prototype board	1	12	50	600
	Bangem Motor DC 12v	1	75	1	75
Rpi	Bangem 3-plug extension cord w/ switches	1	200	4	800
	Bangem Cable ties	1	250	2	500
Light Circuit	Bangem DPDT Switches	1	15	65	975
Tool	Bangem Flush Cutters	1	120	5	600
	Bangem Electical Tape	1	15	3	45
	Bangem Wire stripper (variable)	1	75	5	375
Light Circuit	Bangem LSR Light Sensitive Resistor	1	15	65	975
Light Circuit	Bangem Potentiometer 10k, small	1	15	65	975
Rpi	Comput Wireless Router	1	2200	1	2200
Rpi	Comput 24 gbit port neetwork switch	1	8000	1	8000

Currenc	Total CAD	Ord	Rece	Mass (g)	Website	Activity	7
USD	2.21	y	y	23	https://www.aliexpress.com/item/Free-Shipping-100PCS-2-pins-6		
USD	10.35	y	y	3	https://www.aliexpress.com/item/FREE-SHIPPING-10PCS-TMP36-		
USD	25.39	y	y	316	https://www.aliexpress.com/item/For-Raspberry-PI-Display-LCD-		
USD	3.80	y	y	67	https://www.aliexpress.com/item/10PC-Lot-B10K-Single-Linear-P		
USD	4.13	y	y	39	https://www.aliexpress.com/item/Free-shipping-100pcs-lot-5mm		
USD	4.18	y	y	63	https://www.aliexpress.com/item/J34-Free-Shipping-1-set-200Pc		
USD	3.78	y	y	34	https://w	1	
USD	6.29	Y	y	21	https://www.aliexpress.com/item/10PCS-L293D-L293-293-DIP-16		
USD	2.48	Y	y	9	https://www.aliexpress.com/item/Free-shipping-10pcs-EL4N35-D		
USD	5.19	y			https://www.aliexpress.com/item/50PCS-Free-Shipping-Chip-AM		
USD	3.66	Y	y	43	https://www.aliexpress.com/item/0-24V-Top-Mosfet-Button-IRF5		
USD	3.86	y	y	75	https://www.aliexpress.com/item/Free-Shipping-100PCS-25v-100		
USD	2.73	y	y	16	https://www.aliexpress.com/item/100pcs-lot-Multilayer-ceramic-		
USD	12.42	y	y	256	https://www.aliexpress.com/item/Total-2100pcs-1-1-4W-Metal-F		
USD	44.16	y	y	454	https://www.aliexpress.com/item/Professional-And-Practical-AN8		
USD	16.89	y	y	12	https://www.aliexpress.com/item/3-in-1-USB-FLASH-Drive-For-iP		
USD	17.46	y	y	352	https://www.aliexpress.com/item/20pcs-lot-factory-standard-DC-		
USD	1.64	y	y	48	https://www.aliexpress.com/item/Fast-shipping-UNO-R3-9V-Batt		
USD	2.55	Y	y	57	https://www.aliexpress.com/item/Free-Shipping-1lot-10pcs-1x40		
USD	17.94	y	y	349	https://www.aliexpress.com/item/Free-Shipping-10PCS-UNO-Pro		
USD	5.11	Y	y	102	https://www.aliexpress.com/item/10Pcs-DIY-Prototype-Paper-PC		
USD	11.66	y	y	295	https://w	3	
USD	13.52	y			ORDER NOT DELIVERED https://www.aliexpress.com/item/Free-S		
USD	1.93	y	y	9	https://www.aliexpress.com/item/20PCS-x-5528-Light-Dependen		
USD	35.02	y	y	261	https://www.aliexpress.com/item/37-IN-1-BOX-Sensor-Kits-37-SE		
USD	14.90	y	y	335	https://w	1	
USD	17.80	y	y	136	https://www.aliexpress.com/item/10pcs-lot-Tower-Pro-Rc-Mini-M		
USD	30.36	y	y	47	https://www.aliexpress.com/item/50-pcs-2V-6V-DC-1027-Coin-vil		
USD	6.67	Y	y	37	https://www.aliexpress.com/item/100pcs-5mm-Transparent-Rou		
USD	7.49	y	y	133	https://w	1	
USD	18.35	y	y	22	https://www.aliexpress.com/item/free-shipping-1pcs-lot-ATMEG/		
USD	66.24	y	y	580	https://www.aliexpress.com/item/UNO-R3-for-Arduino-with-LOG		
USD	8.00	y	y	9	https://www.aliexpress.com/item/New-Pro-Micro-for-arduino-AT		
USD	26.22	y	y	72	https://www.aliexpress.com/item/Free-Shipping-MEGA2560-R3-M		
USD	2.61	y	y	9	https://www.aliexpress.com/item/1LOT-10PCS-Crystal-16MHZ-2C		
USD	2.15	y	y	34	https://www.aliexpress.com/item/Free-Shipping-10pcs-LM7805-L		
USD	5.52	y	y	58	https://www.aliexpress.com/item/2PF-0-1UF-30value-50V-Ceram		
USD	2.98	y	y	10	https://www.aliexpress.com/item/1PCS-CP2102-USB-2-0-to-TTL-I		
USD	11.51	y	y	91	https://www.aliexpress.com/item/New-hot-5pcs-Ultrasonic-Mod		
USD	9.38	y	y	105	https://www.aliexpress.com/item/Free-shipping-RFID-module-RC		
USD	1.77	y	y	26	https://www.aliexpress.com/item/100pcs-lot-New-Original-IN40C		
USD	1.93	y	y	5	https://www.aliexpress.com/item/20PCS-Transistor-PN2222A-PN		
USD	1.77	y	y	19	https://www.aliexpress.com/item/10pcs-free-shipping-SN74HC59		
USD	22.23	y	y	254	https://www.aliexpress.com/item/30m-22AWG-Flexible-Silicone-		
USD	16.15	y	y	392	https://www.aliexpress.com/item/SENXIN-5PCS-M27C256B-12F1		
USD	20.42	y	y	431	https://www.aliexpress.com/item/PALO-2016-New-Rechargeable		

USD	41.39	y	y	281	https://www.aliexpress.com/item/2pcs-lot-ETINESAN-9v-450mAh	1
USD	14.66	y	y	70	https://www.aliexpress.com/item/4-20pcs-YCDC-1-2V-AAA-Ni-MH	
USD	9.78	y	y	112	https://www.aliexpress.com/item/Electrical-Soldering-Iron-Hand	
USD	10.93	y	y	115	https://www.aliexpress.com/item/New-Welding-Iron-Wire-Reel-1	
USD	4.77	y	y	100	https://www.aliexpress.com/item/Free-Shipping-Brand-New-1pcs	
USD	4.00	y	y	81	https://www.aliexpress.com/item/Free-Shipping-20pcs-LM358-LM	
USD	2.48	y			ORDER NOT DELIVERED https://www.aliexpress.com/item/1pcs-Nipper-Hand-Tools-Practi	
USD	2.46	y	y	30	http://store.digilentinc.com/analog-discovery-2-100msps-usb-osc	
USD	2.46	y	y	60	http://store.digilentinc.com/mini-grabber-test-clips-6-pack-for-us	
USD	247.02	y	y	337	http://store.digilentinc.com/bnc-adapter-board-for-the-analog-di	
USD	20.69	y	y	9	http://store.digilentinc.com/bnc-oscilloscope-x1-x10-probes-pair/	
USD	27.59	y	y	69	https://www.amazon.ca/dp/B01CDVSBPO/ref=pe_3034960_2363	
USD	27.59	y	y	117	https://www.amazon.ca/gp/product/B009UKZV0A/ref=od_aui_de	
CAD	69.65	y	y	434	https://www.amazon.ca/gp/product/B01MZX466R/ref=od_aui_de	
CAD	104.99	y	y	835	https://www.amazon.ca/gp/product/B010Q57T02/ref=od_aui_de	
CAD	76.93	y	y	862	https://www.amazon.ca/gp/product/B00ZMV7RL2/ref=od_aui_de	
CAD	139.65	y	y	23	https://www.amazon.ca/gp/product/B01CD5VC92/ref=od_aui_de	
CAD	83.93	y	y	475	https://www.amazon.ca/Ckitze-Generic-American-European-Ada	
CAD	2.00	y	y	14	https://www.amazon.ca/gp/product/B010Q57T02/ref=ox_sc_act	
CAD	356.93	y	y	542	https://www.amazon.ca/gp/product/B00ZMV7RL2/ref=ox_sc_act	
CAD	17.98	y	y	152	https://www.amazon.ca/gp/product/B01CD5VC92/ref=ox_sc_act	
CAD	79.96	y			https://www.amazon.ca/gp/product/B06XXSZVLM/ref=ox_sc_act	
CAD	43.96	y				
CAD	191.96	y				
CAD	59.96	y				
NRS	16.03	y	y			
NRS	8.33	y	y			
NRS	1.54	y	y			
NRS	32.05	y	y			
NRS	14.74	y	y			
NRS	9.62	y	y			
NRS	7.05	y	y			
NRS	6.41	y	y			
NRS	1.92	y	y			
NRS	14.10	y	y			
NRS	2.88	y	y			
NRS	12.50	y	y			
NRS	7.69	y	y			
NRS	0.96	y	y			
NRS	10.26	y	y		for soldering irons and Rpis	
NRS	6.41	y	y			
NRS	12.50	y	y			
NRS	7.69	y	y			
NRS	0.58	y	y			
NRS	4.81	y	y			
NRS	12.50	y	y			
NRS	12.50	y	y			
NRS	28.21	y	y		for PiNet	
NRS	102.56	y	y		for PiNet	

[6-5-mm-Switch-Tactile-Push-Button-Switches-6x6x5mm/1393753898.html](#)
[TMP36GT9-TMP36GT9Z-ADI-TO92-100-new-and-original/32419940830.html](#)
[16x2-HD44780-LCD-16X2-Display-Module-LCD-1602-For-Arduino-Character/32578260849.html](#)
[ot-Potentiometer-10K-15mm-Shaft-with-Nuts-Shims-YXSMDZ142/32238712661.html](#)
[RGB-LED-Common-Cathode-4-Pins-Tri-Color-Emitting-Diodes-f5/1895359267.html](#)
[s-3mm-5mm-LED-Light-White-Yellow-Red-Blue-Green-Assortment/32655072420.html](#)

[Stepper-Driver-Chip-IC-100-New-Free-Shipping/32647681148.html](#)
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[uF-Aluminum-Electrolytic-Capacitor-100uf-25v-6x12mm/696401700.html](#)
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[ilm-Resistor-Assorted-Kit-21-Values-1-Ohm-1M-Ohm/1065989389.html](#)
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[to-Shield-prototype-expansion-board-with-SYB-170-mini-breadboard-based-For/32517850344.html](#)
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[ipping-TTP229-16-way-Switch-Touch-Sensor-Capacitive-Touch-Sensor-Module/1976956143.html](#)
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[mega32U4-5V-16MHz-Module-with-2-row-pin-header-For-Leonardo/32768308647.html](#)
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[0PF-20PPM-2P-49S-SeriesHC-49US/32536588051.html](#)
[.7805-7805-Voltage-Regulator-IC-5V-1-5A-TO-220/32647445141.html](#)
[iic-Capacitor-Assorted-kit-Assortment-Set-2PF-0-1UF-EACH-10PCS/32505061143.html](#)
[JART-Module-6Pin-Serial-Converter-STC-Replace-FT232/32717417395.html](#)
[ule-HC-SR04-Distance-Measuring-Transducer-Sensor-HC-SR04-HCSR04/32240628994.html](#)
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[95N-SN74HC595-74HC595N-74HC595-DIP-16-Counter-Shift-Registers-Tri-State-8-Bit/32429190104.html](#)
[Wire-Cable-5-color-Mix-box-1-box-2-package-Electrical-Wire/32740717369.html](#)
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1-Ni-MH-Rechargeable-9-Volt-NiMH-Battery-Batteries-use-Camera/32526344023.html
1-1000mAh-Rechargeable-Batteries-High-Capacity-Pre-charged-Batteries/32803644245.html
Welding-Rework-Repair-Tool-EU-Plug-220V-60W-Adjustable-Temperature-Soldering-Gun/32762635641.html
100g-3-5oz-FLUX-2-0-1mm-63-37-45FT-Tin/32583004483.html
Wire-With-Stand-Set-Welding-Soldering-Solder-Iron-Tip-Cleaner-Cleaning/32687250403.html
Shipping-20PCS-NE555-NE555P-NE555N-555-DIP-8/1566464574.html
LM358N-LM358P-DIP8-integrated-circuits/665588200.html
Cal-Electrical-Wire-Cable-Cutters-Cutting-Side-Snips-Flush-Pliers-Mini-Pliers/32790350473.html
Oscilloscope-logic-analyzer-and-variable-power-supply/
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oter/dp/B0036VJ1OQ/ref=sr_1_1?ie=UTF8&qid=1499927550&sr=8-1&keywords=us+to+europe+adapter
_title_3?smid=A3DWYIK6Y9EEQB&psc=1
:_title_2?smid=A2C39XWN0IG38K&psc=1
_title_4?smid=A34IVHW5OUAV7P&psc=1
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