

Electronics

Full name	Cost	Image	OutofStock	Filename	Stock	Category	ID	Spec Sheet
* LOW STOCK -Motor-Micro MetalGear N20 - \$3.75	\$3.75		* LOW STOCK -	Micro MetalGear N20	10	Motor	29	https://utoronto.share...
* LOW STOCK -Motor-Stepper Driver DRV8825 - \$1.83	\$1.83		* LOW STOCK -	Stepper Driver DRV8825		Motor	183	https://utoronto.share...
* OUT OF STOCK - Comp-360 potentiometer - \$0.37	\$0.37		* OUT OF STOCK -	360 potentiometer	10	Comp	10	https://utoronto.share...
* OUT OF STOCK - Comp-CH340C - \$0.53	\$0.53		* OUT OF STOCK -	CH340C	100	Comp	18	https://utoronto.share...
* OUT OF STOCK - Connect-Micro USB jack F - \$0.14	\$0.14		* OUT OF STOCK -	Micro USB jack F	0	Connect	25	https://utoronto.share...
* OUT OF STOCK - Module-UNO R3 protoshield - \$1.42	\$1.42		* OUT OF STOCK -	UNO R3 protoshield	40	Module	9	https://utoronto.share...
* OUT OF STOCK - Motor-3d printer guide rail set - \$27.35	\$27.35		* OUT OF STOCK -	3d printer guide rail set		Motor	181	https://utoronto.share...
* OUT OF STOCK - Motor-Ball caster N20 - \$1.75	\$1.75		* OUT OF STOCK -	Ball caster N20	20	Motor	30	
* OUT OF STOCK - Motor-Stepper Driver A4988 - \$1.83	\$1.83		* OUT OF STOCK -	Stepper Driver A4988		Motor	164	https://utoronto.share...
* OUT OF STOCK - Motor-Stepper Nema 17 2A - \$13.59	\$13.59		* OUT OF STOCK -	Stepper Nema 17 2A	  0	Motor	46	https://utoronto.share...
* OUT OF STOCK - Sensor-Piezo Ceramic Element - \$0.47	\$12.90		* OUT OF STOCK -	DCDC 20A 5-40v to 1.2-36v	2	Power	13	https://utoronto.share...

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* OUT OF STOCK - Power-DDCD 2A 2-24v to 28v - \$1.38	\$1.38		* OUT OF STOCK -	DCDC 2A 2-24v to 28v	0	Power	34	https://utoronto.share...
* OUT OF STOCK - Power-DDCD 5A 3-35v to 5-45v - \$5.19	\$5.19		* OUT OF STOCK -	DCDC 5A 3-35v to 5-45v		Power	44	https://utoronto.share...
* OUT OF STOCK - Sensor-Piezo Ceramic Element - \$0.47	\$0.47		* OUT OF STOCK -	Piezo Ceramic Element	0	Sensor	27	
* OUT OF STOCK - Sensor-RGB color sensor dev board - \$3.7	\$3.70		* OUT OF STOCK -	RGB color sensor dev board	0	Sensor	6	https://utoronto.share...
Comp-Capacitor (SPECIFY uf) - \$0.03	\$0.03			Capacitor (SPECIFY uf)		Comp	135	
Comp-Diode - \$0.01	\$0.01			Diode		Comp	144	
-Comp-Joystick Cap - \$0.3	\$0.30		-	Joystick Cap	0	Comp	14	
-Comp-Joystick Potentiometer - \$0.75	\$0.75		-	Joystick Potentiometer	0	Comp	15	https://utoronto.share...
Comp-LED Green - \$0.02	\$0.02			LED Green		Comp	149	
Comp-LED Red - \$0.01	\$0.01			LED Red		Comp	148	
Comp-Potentiometer (SPECIFY TYPE) - \$0.06	\$0.06			Potentiometer (SPECIFY TYPE)		Comp	154	

Comp-Resistor (SPECIFY RESISTANCE) - \$0.01	\$0.01		Resistor (SPECIFY RESISTANCE)	Comp	156	
Comp-Rotary Encoder - \$0.82	\$0.82		Rotary Encoder	Comp	157	
-Comp-Toggle Switch Single Pole - \$0.29	\$0.29		Toggle Switch Single Pole	40	Comp	32
Comp-Transistor - \$0.43	\$0.43		Transistor	Comp	167	
Comp-Voltage Regulator 5V - \$0.14	\$0.14		Voltage Regulator 5V	Comp	168	
-Connect-Aligator Clip - \$0.4	\$0.40		Alligator Clip	0	Connect	36
-Connect-Barrel plug F 5.5 - \$0.57	\$0.57		Barrel plug F 5.5	10	Connect	21
-Connect-Barrel plug M 5.5 - \$0.4	\$0.40		Barrel plug M 5.5	10	Connect	22
Connect-Breadboard Small - \$0.86	\$0.86		Breadboard Small		Connect	177
Connect-Electrical tape - \$1.2	\$1.20		Electrical tape		Connect	49
Connect-JST 3 pin - \$0.36	\$0.36		JST 3 pin		Connect	141
Connect-JST 4 pin - \$0.36	\$0.36		JST 4 pin		Connect	142
Connect-JST 5 pin - \$0.36	\$0.36		JST 5 pin		Connect	143
-Connect-Jumper 4 Pin F-M - \$0.58	\$0.58		Jumper 4 Pin F-M	40	Connect	33

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Connect-Jumper FF 20 cm - \$0.07	\$0.07		Jumper FF 20 cm	Connect	140	
-Connect-Jumper FM - \$0.06	\$0.06		Jumper FM	960	Connect	16
-Connect-Jumper MM - \$0.06	\$0.06		Jumper MM		Connect	51
-Connect-long header 4 pins - \$0.48	\$0.48		long header 4 pins		Connect	179
-Connect-long header 6 pins - \$0.48	\$0.48		long header 6 pins		Connect	180
Connect-Protoboard (SPECIFY SIZE) - \$1.04	\$1.04		Protoboard (SPECIFY SIZE)		Connect	155
Connect-Stranded Wire 1m - \$0.15	\$0.15		Stranded Wire 1m		Connect	132
Connect-Tamiya - wired - \$1.69	\$1.69		Tamiya - wired		Connect	137
Connect-Tamiya set - \$0.6	\$0.60		Tamiya set		Connect	136
Connect-Toggle switch Dual Pole - \$0.5	\$0.50		Toggle switch Dual Pole		Connect	165
Connect-USB A to B - \$1.78	\$1.78		USB A to B		Connect	134
-Connect-USB	\$1.78		USB Programming Cable	5	Connect	4



-MCU-Arduino MEGA 2560 - \$14.08	\$14.08		-	Arduino MEGA 2560	20	MCU	1	https://utoronto.share...
MCU-Arduino Nano - \$3.49	\$3.49		-	Arduino Nano		MCU	133	https://utoronto.share...
-MCU-Arduino UNO - \$5.49	\$5.49		-	Arduino UNO	80	MCU	42	https://utoronto.share...
-Module-Bluetooth HC05 - \$5.96	\$5.96		-	Bluetooth HC05	80	Module	41	https://utoronto.share...
Module-Bluetooth HC06 - \$5.93	\$5.93		-	Bluetooth HC06		Module	152	https://utoronto.share...
Module-Micro SD reader - \$0.67	\$0.67		-	Micro SD reader		Module	150	
-Module-Uno R3 motor driver shield - \$4.3	\$4.30		-	Uno R3 motor driver shield	20	Module	47	https://utoronto.share...
Module-VGA Cameras - \$2.88	\$2.88		-	VGA Cameras		Module	160	
Module-WIFI ESP8266 - \$1.69	\$1.69		-	WIFI ESP8266		Module	174	https://utoronto.share...
Motor-6V DC +Encoder - \$12.17	\$12.17		-	6V DC +Encoder		Motor	139	https://utoronto.share...
Motor-Ball Caster - \$2.22	\$2.22		-	Ball Caster		Motor	170	
(✓) -Motor-DC 6V motor w wheel - \$17.24	\$17.24		-	DC 6V motor w wheel	16	Motor	48	
(✗) Motor-DC Mount Bracket - \$1.72	\$1.72		-	DC Mount Bracket		Motor	171	
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Motor-DC Wheel Coupler - \$1.37	\$1.37		-	DC Wheel Coupler		Motor	173	
Motor-Drive wheel - \$1.16	\$1.16		-	Drive wheel		Motor	145	
(○) Motor-Drive wheel - \$1.16	\$1.16		-	Drive wheel		Motor	146	
-Motor-Dual Motor driver L298N - \$2.62	\$2.62		-	Dual Motor driver L298N	1	Motor	2	https://utoronto.share...
-Motor-Geared wheel - \$2.12	\$2.12		-	Geared wheel	20	Motor	20	
Motor-hub 3mm - \$2.65	\$2.65		-	hub 3mm		Motor	153	
Motor-Lead Screw +nut - \$4.27	\$4.27		-	Lead Screw +nut		Motor	147	
Motor-Lead Screw Stepper Coupler - \$1.43	\$1.43		-	Lead Screw Stepper Coupler		Motor	138	
-Motor-Servo MG995 - \$4.80	\$4.80		-	Servo MG995	20	Motor	45	https://utoronto.share...
-Motor-Servo SG90 - \$1.5	\$1.50		-	Servo SG90	20	Motor	23	https://utoronto.share...
-Motor-Stepper Nema 17, 1.7A - \$13.93	\$13.93		-	Stepper Nema 17, 1.7A	0	Motor	12	https://utoronto.share...
Motor-Timing belt - \$1.45	\$1.45		-	Timing belt		Motor	166	

Inventory List							
Item Description	Cost	Image	Category	Quantity	Type	SKU	
-Motor-Vertical Bearing Bracket KFL08 - \$3.91	\$3.91		-	Vertical Bearing Bracket KFL08	Motor	178	
Motor-Wheel DC - \$2.29	\$2.29		-	Wheel DC	Motor	172	
-Power-12v 6A power supply - \$15.09	\$15.09		-	12v 6A power supply	80	Power	40
-Power-7.2V Turnigy NiMh Battery pack - \$25.25	\$25.25		-	7.2V Turnigy NiMh Battery pack	Power	182	
Power-9v Battery - \$4	\$4.00		-	9v Battery	Power	52	
Power-9V connector - \$0.76	\$0.76		-	9V connector	Power	53	
-Power-AA case - 4 slots - \$2.89	\$2.89		-	AA case - 4 slots	20	Power	37
-Power-AA case - 5 slots - \$1.42	\$1.42		-	AA case - 5 slots	20	Power	38
-Power-AA case - 6 slots - \$2.21	\$2.21		-	AA case - 6 slots	30	Power	39
Power-Breadboard power supply module - \$1.4	\$1.40		-	Breadboard power supply module	Power	151	https://utoronto.share...
Power-CR2032 coin battery - \$0.63	\$0.63		-	CR2032 coin battery	Power	54	
-Power-DCDC 3.5A 4.5-27V to 6V - \$3.77	\$3.77		-	DCDC 3.5A 4.5-27V to 6V	0	Power	5
-Power-DCDC 3A, 3.2-35V to 1.25-35V - \$1.27	\$1.27		-	DCDC 3A, 3.2-35V to 1.25-35V	5	Power	43
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Sensor-Voltage Regulator 3.3V - \$0.26	\$0.26		-	Voltage Regulator 3.3V	Power	169	
Sensor-Color - \$6	\$6.00		-	Color	Sensor	159	
-Sensor-Compass Magnetometer - \$3.92	\$3.92		-	Compass Magnetometer	20	Sensor	31
-Sensor-Gyro 3 axis GY521 - \$1.51	\$1.51		-	Gyro 3 axis GY521	10	Sensor	24
-Sensor-IR Distance - \$6.57	\$6.57		-	IR Distance	10	Sensor	28
-Sensor-Line track TCRT5000 - \$0.78	\$0.78		-	Line track TCRT5000	100	Sensor	17
Sensor-Optical Slot - \$0.82	\$0.82		-	Optical Slot	Sensor	158	
-Sensor-Speaker amp - \$7.25	\$7.25		-	Speaker amp	2	Sensor	19
-Sensor-Ultrasonic sensor HCSR04 - \$1.13	\$1.13		-	Ultrasonic sensor HCSR04	50	Sensor	8
--Standoff - 50mm M3 M-F - \$0.45	\$0.45		-	Standoff - 50mm M3 M-F	100		35
-Standoff 10mm M3 - \$0.17	\$0.17		-	Standoff 10mm M3	161		

-Standoff 20mm M3 - \$0.16



Standoff 20mm M3

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-Standoff 25mm M3 - \$0.25



Standoff 25mm M3

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