Qty	Component	Approx Price	Price Each	Total	Souce 1	Source 2	Source 3	Notes
1	MIYBot Circuit Board	$50 for 10	$5	$5	MIYElectronics.com (coming soon)	smart-prototyping.com	oshpark.com	My website will sell them or you can download the Gerber and drill files and submit them to be manufactured
1	Pro Trinket 5V	$10	$10	$10	https://www.adafruit.com/products/2000			In bulk they are cheaper. Adafruit has lots of other cool stuff. Shop around!
1	24 pin 0.6" wide socket dual wipe	$0.30	$0.30	$0.30	https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?langId=-1&storeId=10001&catalogId=10001&productId=12264	http://www.ebay.com/itm/AUGAT-1YC0-24-PIN-x-6-PC-IC-SOCKETS-20-pcs-/171861071171?hash=item28035b7d543:g:os0AAOSw3ydVqEBT		On ebay search for 24 pin .6 inch socket. Do not get machine pins
1	40 pin row of male headers - thes	10 for $1	$0.10	$0.10	http://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?productId=2168211_-1	http://www.ebay.com/itm/10pcs-lot-Connector-2-54mm-40-Pin-Male-Single-Row-Gold-Pin-Header-Strip-New-/252174275541?hash=item3ab6c71385:g:YZ4AAOSwu4BVvUfST		Buy in bulk on ebay. Gold ones are better. Need 1 row per board
1	Common Cathode RGB LED 5m	100 for $15	$0.15	$0.15	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_2125181T_-1	http://www.ebay.com/itm/5mm-Water-clear-RGB-Color-LED-Common-Cathode-Pack-of-10-E6-2-/321716734051?hash=item4e3b80db3:g:a7QAAOSwDN6V0O7L		Buy in bulk on ebay. Make sure you buy Common cathode.
2	Pushbutton Switches Tactile 6mm	100 for $5	$0.05	$0.10	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_119011_-1	http://www.ebay.com/itm/100-Pcs-Tactile-Tact-Push-Button-Switch-Momentary-6x6x5mm-4-Pin-DIP-Through-Hole-/360816463169?hash=item54025b4d41:g:B0UAAOxyrrp1h6At	http://www.adafruit.com/products/367	Common part. Buy on ebay. Search for Tactile Push Button Switch Momentary 6x6x5mm 4 Pin DIP Through-Hole
2	Slide Switches 0.1" pitch spdt 2 p	100 for $5	$0.05	$0.10	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_2258831_-1	http://www.ebay.com/itm/100pcs-NEW-SS12D00G4-SPDT-1P2T-2-Position-3-Pin-PCB-Panel-Vertical-Slide-Switch-/191862408320?hash=item2ca1c20600:g:2CsAAOSw37tV-TAf		Common part. Buy on ebay. Search for SPDT 1P2T 2 Position 3 Pin PCB Panel Vertical Slide Switch
3	220 ohm 1/4 w resistors	$0.01	$0.01	$0.03	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_690700_-1			Buy in bulk. You can buy these from ebay too, but they are very cheap from Jameco
2	10K ohm 1/4w resistors	$0.01	$0.01	$0.02	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_691104_-1			Buy in bulk. You can buy these from ebay too, but they are very cheap from Jameco
1	12mm piezo Buzzer Transducer 8	$1 from Jameco,	$1	$1	https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?langId=-1&storeId=10001&catalogId=10001&productId=210968	http://www.ebay.com/itm/0Pcs-5v-Active-Buzzer-Magnetic-Long-Continous-Beep-Tone-Alarm-Ringer-12mm-/321600017267?hash=item4ae00a573:g:trAAOSw6fX0duG1		Cheaper on ebay. Search for 12mm buzzer piezo 5v arduino
1	Screw Terminal 2 pos 3.81 mm pit	100 for $18	0.18	0.18	https://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_2094506_-1	http://www.ebay.com/itm/100-pcs-3-81mm-Pitch-150V-9A-2P-Poles-PCB-Screw-Terminal-Block-Connector-Green-/351582165609?hash=item51dbee1ae9:g:UogAAOxyOhKR7jSZ		Search for screw terminal 3.81 2 pos. Do not buy 5mm!
4	AA battery holder	$1.20	$1.20	$1.20	https://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_216152_-1	http://www.ebay.com/itm/Lot-10-1Pcs-New-4AA-2A-battery-6V-Clip-Holder-Box-Case-with-6-Leads-Black-/180907110674?hash=item2a1ee77112:g:frcAAOSwq7JUGVXK		Very common part. Buy on ebay or Jameco. Swich on holder is not needed.
1	HC-SR04 Ultrasonic Sensor	$1.25	$1.25	$1.25	http://www.amazon.com/Ultrasonic-Distance-Measuring-Transducer-Arduino/dp/B0181LBL9Y/ref=sr_1_6?s=wireless&ie=UTF8&qid=1448132138&sr=1-6&keywords=hc-sr04	http://www.ebay.com/itm/5pcs-Ultrasonic-Module-HC-SR04-Distance-Measuring-Transducer-Sensor-for-Arduino-/281374789471?hash=item4180c56775f:g:Rd0AAOxySGJTWL-h		Buy on ebay. Search for HC-SR04 ultrasonic sensor
1	QTR-1RC Reflectance Sensor (2-Pac	$4.25	$4.25	$4.25	https://www.pololu.com/product/2459	http://www.robotshop.com/en/pololu-qtr-1rc-reflectance-sensor-2pk.html?gclid=CM2e0OK2oskCFYRC4QodSkRAgw		Needed if you want to be able to sense black and white lines
2	FEETECH FS90R Micro Continuo	$5	$5	$10	https://www.pololu.com/product/2820	http://www.robotshop.com/en/9g-continuous-rotation-micro-servo.html?gclid=CJG25bQ8oskCFQ-6aQodockBWg		Might be possible to buy directly from Feetech in China. Make sure they are continuous rotation!
1	Dupont wire 20cm 40 pieces Fem	$3	$3	$3	http://www.ebay.com/itm/40pcs-20cm-2-54mm-Male-to-Female-Dupont-Wire-Jumper-Cable-for-Arduino-Breadboard-/321758141990?hash=item4ea4ea291986:g:jB0AAOSwBVNTm8tA	http://www.amazon.com/40-PCS-Dupont-cable-color-connector/dp/B007XPSVM Y/ref=sr_1_2?ie=UTF8&qid=1448140863&sr=1-2&keywords=dupont+wire		These ribbon cables can be pulled apart and used for multiple robots. The wires are useful for connecting the board to the sensors.
		Total	$37					

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1	micro USB cable for programming	10 for $15	$1.50		http://www.amazon.com/gp/product/B00OC6WRZ2?psc=1&redirect=true&ref_=oh_aui_detailpage_o00t_s00			Any micro usb data/power cable will work and can be reused.
	Soldering Iron	$20 - $80			http://www.amazon.com/Stahl-Tools-SSVT-Temperature-Soldering/dp/B0029N70WM/ref=sr_1_17?ie=UTF8&qid=1448133436&sr=8-17&keywords=soldering+iron	http://www.amazon.com/X-TRONIC-MODEL-4010-XTS-Centigrade-ANTI-MAGNETIC/dp/B00b3a91YO/ref=sr_1_3?ie=UTF8&qid=1448133473&sr=8-3&keywords=soldering+ir+xtronic		My class uses the Stahl tools one. I use the Xtronic one at home.
	60/40 Tin/Lead Solder	$30 / lb			http://www.amazon.com/Kester-24-6040-0061-Rosin-Solder-Diameter/dp/B00FGHT12A/ref=sr_1_1?ie=UTF8&qid=1448133679&sr=8-1&keywords=60+40+tin+lead+solder+kester			Tin/Lead is the easiest to work with for new solderers. Wash hands after handling.
	Metal Solder Sponge	$8			http://www.amazon.com/Aoyue-Soldering-Cleaner-sponge-needed/dp/B005C789E0/ref=sr_1_5?ie=UTF8&qid=1448133763&sr=8-5&keywords=solder+sponge			
	Wire Snips	$5			http://www.amazon.com/Hakko-CHP-170-Stand-off-Construction-21-Degree/dp/B0017OODPN 0/ref=sr_1_1?s=power-hand-tools&ie=UTF8&qid=1448133788&sr=1-1&keywords=wire+cutters			
	Safety Glasses	$5						No recommendation other than to have them!

	Solder Sucker	$20			http://www.amazon.com/Edsyn-Deluxe-Soldapullt-Heavy-Vacuum/dp/B006GJOKV8/ref=sr_1_8?s=power-hand-tools&ie=UTF8&qid=1448133896&sr=1-8&keywords=solder+sucker																	
	Hot Glue Gun / Hot Glue Sticks	$10					I buy these at Walmart or Michaels															