

## Arduino Step by Step - List of parts and sample sources

I will be updating this list as more lectures are published. The URLs I provide are indicative only, they may not be pointing to the vendor best suited to your circumstances. Price is also indicative and is in Australian dollars. In average, 1AUD = 0.80USD.

Most items in this list can be purchased from my Amazon affiliate store: <http://txplore.com/shop/>

#	Part name	Description	Available in Store	Sample URL	AUD	Comments
1	<b>Resistors</b>	Assorted values	Yes	<a href="http://www.ebay.com.au/sch/i.html?trksid=p2050601.m570.i1313.TR0.TRC0.Xresistors+assorted+ed+1%25&amp;_nkw=resistors+assorted+1%25&amp;_sacat=0&amp;_from=R40">http://www.ebay.com.au/sch/i.html?trksid=p2050601.m570.i1313.TR0.TRC0.Xresistors+assorted+ed+1%25&amp;_nkw=resistors+assorted+1%25&amp;_sacat=0&amp;_from=R40</a>	\$3.81	Price for 600 items
2	<b>Buttons</b>	push buttons	Yes	<a href="http://www.ebay.com.au/itm/100-Pcs-Mini-Micro-Momentary-Tactile-Tact-Switch-Push-Button-DIP-P4-6-6-5mm-New-7190983625993?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item2c7782dd09&amp;uhb=1">http://www.ebay.com.au/itm/100-Pcs-Mini-Micro-Momentary-Tactile-Tact-Switch-Push-Button-DIP-P4-6-6-5mm-New-7190983625993?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item2c7782dd09&amp;uhb=1</a>	\$1.82	Price for 100 items
3	<b>LEDs</b>	Red	Yes	<a href="http://www.ebay.com.au/itm/100-PCS-in-1-LED-5MM-Red-Lens-Red-Light-Super-Bright-Light-Emitting-Diodes-Bulb-7271332407610?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item3f2cabf93a&amp;uhb=1">http://www.ebay.com.au/itm/100-PCS-in-1-LED-5MM-Red-Lens-Red-Light-Super-Bright-Light-Emitting-Diodes-Bulb-7271332407610?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item3f2cabf93a&amp;uhb=1</a>	\$2.07	Price for 100 items

4	<b>Jumper wires</b>	Different colous, for breadboard	Yes	<a href="http://www.ebay.com.au/itm/P4PM-65PCS-Male-to-Male-Solderless-Breadboard-Jumper-Cable-Wires-for-Arduino-New-7400451046198?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item5d3cbe0b36&amp;uhb=1">http://www.ebay.com.au/itm/P4PM-65PCS-Male-to-Male-Solderless-Breadboard-Jumper-Cable-Wires-for-Arduino-New-7400451046198?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item5d3cbe0b36&amp;uhb=1</a>	\$2.23	For 65 pieces
5	<b>Linear potentiometer</b>	Rotary, small	Yes	<a href="http://www.ebay.com.au/itm/10-Pcs-10K-Ohm-Linear-Taper-Rotary-Potentiometer-Panel-B10K-Pot-7121051902297?pt=AU_Electronics_Wholesale_Electronics&amp;hash=item1c2f417159&amp;uhb=1">http://www.ebay.com.au/itm/10-Pcs-10K-Ohm-Linear-Taper-Rotary-Potentiometer-Panel-B10K-Pot-7121051902297?pt=AU_Electronics_Wholesale_Electronics&amp;hash=item1c2f417159&amp;uhb=1</a>	\$3.99	For 10 pieces
6	<b>Flex sensor</b>	Sparkfun	Yes	<a href="https://www.sparkfun.com/products/8606">https://www.sparkfun.com/products/8606</a>	\$13	Single
7	<b>Membrane potentiometer</b>	Sparkfun	Yes	<a href="https://www.sparkfun.com/products/8680">https://www.sparkfun.com/products/8680</a>	\$13	Single
8	<b>Buzzer</b>	Passive	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=membrane+potentiometer+_osa_cat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR11.TRC2.A0.Xbuzzer+arduino&amp;nkw=buzzer+arduino&amp;sact=0">http://www.ebay.com.au/sch/i.html?_odkw=membrane+potentiometer+_osa_cat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR11.TRC2.A0.Xbuzzer+arduino&amp;nkw=buzzer+arduino&amp;sact=0</a>	\$1.13	Single

9	<b>DC motor</b>	With gearbox	Yes	<a href="http://www.ebay.com.au/itm/JAT2-N20-Model-DC-T2V-100RPM-Torque-Gearbox-Micro-Gear-Box-Motor/111224245217?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item19e57b4be1&amp;uhb=1">http://www.ebay.com.au/itm/JAT2-N20-Model-DC-T2V-100RPM-Torque-Gearbox-Micro-Gear-Box-Motor/111224245217?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item19e57b4be1&amp;uhb=1</a>	\$12	Single	
10	<b>Motor controller board</b>	L298N Dual H Bridge	Yes	<a href="http://www.ebay.com.au/sch/i.html?_from=R40&amp;_trksid=m570.i1313&amp;_nkwd=L298N+Dual+H+Bridge&amp;_sacat=0">http://www.ebay.com.au/sch/i.html?_from=R40&amp;_trksid=m570.i1313&amp;_nkwd=L298N+Dual+H+Bridge&amp;_sacat=0</a>	\$3.99	Single	
11	<b>AA battery pack</b>	holds 5 batteries	Yes	<a href="http://www.ebay.com.au/itm/121087294434?ssPageName=STRK:MEWNX:IT&amp;_trksid=p3984.m1439.i2649">http://www.ebay.com.au/itm/121087294434?ssPageName=STRK:MEWNX:IT&amp;_trksid=p3984.m1439.i2649</a>	\$3.27	Single	
12	<b>Photoresistors</b>	Multiple	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=power+supply++bench+small&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.Xphotoresistor&amp;_nkwd=photoresistor&amp;_sacat=92074">http://www.ebay.com.au/sch/i.html?_odkw=power+supply++bench+small&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.Xphotoresistor&amp;_nkwd=photoresistor&amp;_sacat=92074</a>	\$1.8	For 20 pieces	
13	<b>DHT22</b>	Temperature and humidity sensor	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=photoresistor&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR2.TRC0.A0.XDHT22&amp;_nkwd=DHT22&amp;_sacat=92074">http://www.ebay.com.au/sch/i.html?_odkw=photoresistor&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR2.TRC0.A0.XDHT22&amp;_nkwd=DHT22&amp;_sacat=92074</a>	\$5.63	Single	

14	<b>BMP085</b>	Barometric pressure sensor	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=DHT22&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR1.TRC0.A0.Xbmp085&amp;nkw=bmp085&amp;sacat=92074">http://www.ebay.com.au/sch/i.html?_odkw=DHT22&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR1.TRC0.A0.Xbmp085&amp;nkw=bmp085&amp;sacat=92074</a>	\$3.91	Single	
15	<b>HC-SR501</b>	Passive infrared sensor	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=bmp085&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XHC-SR501&amp;nkw=HC-SR501&amp;sacat=92074">http://www.ebay.com.au/sch/i.html?_odkw=bmp085&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XHC-SR501&amp;nkw=HC-SR501&amp;sacat=92074</a>	\$3.56	Single	
16	<b>HC-SR04</b>	Ultrasonic distance sensor	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=HC-SR04&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XHC-SR04&amp;nkw=HC-SR04&amp;sacat=92074">http://www.ebay.com.au/sch/i.html?_odkw=HC-SR04&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XHC-SR04&amp;nkw=HC-SR04&amp;sacat=92074</a>	\$1.69	Single	
17	<b>ADXL335</b>	Accelerometer	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=HC-SR04&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XADXL335&amp;nkw=ADXL335&amp;sacat=92074">http://www.ebay.com.au/sch/i.html?_odkw=HC-SR04&amp;_osacat=92074&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XADXL335&amp;nkw=ADXL335&amp;sacat=92074</a>	\$1.32	Single	
18	<b>QRE1113</b>	Infrared line sensor	Yes	<a href="http://www.ebay.com.au/itm/1PC-New-Infrared-Line-Track-Follower-Sensor-Shield-For-Arduino-7200941218536?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item2ec907aae8&amp;uhb=1">http://www.ebay.com.au/itm/1PC-New-Infrared-Line-Track-Follower-Sensor-Shield-For-Arduino-7200941218536?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item2ec907aae8&amp;uhb=1</a>	\$1.29	Single	

19	Tilt sensor	Cylinder	Yes	<a href="http://www.ebay.com.au/itm/10-PCS-Tilt-Vibration-Switch-Sensor-For-Arduino-DIY-KIT-/7251175133688?pt=LH_DefaultDomain_15&amp;hash=item3a7b3461f8&amp;_uhb=1">http://www.ebay.com.au/itm/10-PCS-Tilt-Vibration-Switch-Sensor-For-Arduino-DIY-KIT-/7251175133688?pt=LH_DefaultDomain_15&amp;hash=item3a7b3461f8&amp;_uhb=1</a>	\$5.98	Set of 10 pieces.
20	Arduino Uno	Original or Clone	Yes	<a href="http://www.ebay.com.au/sch/i.html?trksid=p2047675.m570.l1313.TR12.TR-C2.A0.Xarduino+uno&amp;nkw=arduino+uno&amp;sacat=0&amp;from=R40">http://www.ebay.com.au/sch/i.html?trksid=p2047675.m570.l1313.TR12.TR-C2.A0.Xarduino+uno&amp;nkw=arduino+uno&amp;sacat=0&amp;from=R40</a>	\$15	Single
21	Breadboard	Mini	Yes	<a href="http://www.ebay.com.au/itm/160878149785?ssPageName=STRK:MEWNX:IT&amp;trksid=p3984.m1439.l2649">http://www.ebay.com.au/itm/160878149785?ssPageName=STRK:MEWNX:IT&amp;trksid=p3984.m1439.l2649</a>	\$2.52	Single
22	TFT LCD screen	Shield	Yes	<a href="http://www.ebay.com.au/itm/321140720703?ssPageName=STRK:MEWNX:IT&amp;trksid=p3984.m1439.l2649">http://www.ebay.com.au/itm/321140720703?ssPageName=STRK:MEWNX:IT&amp;trksid=p3984.m1439.l2649</a>	\$21	Single
23	Ethernet shield	Includes SD card RW	Yes	<a href="http://www.ebay.com.au/sch/i.html?from=R40&amp;trksid=m570.l1313&amp;nkw=arduino+Ethernet+shield&amp;sacat=0">http://www.ebay.com.au/sch/i.html?from=R40&amp;trksid=m570.l1313&amp;nkw=arduino+Ethernet+shield&amp;sacat=0</a>	\$9.35	Single
24	Keypad	4x4 membrane	Yes	<a href="http://www.ebay.com.au/itm/300901526362?ssPageName=STRK:MEWNX:IT&amp;trksid=p3984.m1439.l2649">http://www.ebay.com.au/itm/300901526362?ssPageName=STRK:MEWNX:IT&amp;trksid=p3984.m1439.l2649</a>	\$1.89	Single
25	Bluetooth breakout	Adds capability for wireless serial communication with a computer. Slave module.	Yes	<a href="http://www.ebay.com.au/sch/i.html?trksid=p3998.m570.l1313.TR0.TRC0.Xhc-06+bluetooth&amp;nkw=hc-06+bluetooth&amp;sacat=0&amp;from=R40">http://www.ebay.com.au/sch/i.html?trksid=p3998.m570.l1313.TR0.TRC0.Xhc-06+bluetooth&amp;nkw=hc-06+bluetooth&amp;sacat=0&amp;from=R40</a>	\$3	Single

26	<b>Real Time Clock</b>	DFRobot or similar real time clock breakout that contains the DS1307 IC	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=DFRobot+DS1307&amp;_osacat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XArduino+DS1307&amp;_nkw=Arduino+DST307&amp;_sacat=0">http://www.ebay.com.au/sch/i.html?_odkw=DFRobot+DS1307&amp;_osacat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.XArduino+DS1307&amp;_nkw=Arduino+DST307&amp;_sacat=0</a>	\$2	Single
27	<b>Adafruit CC3000 Wifi Module</b>	Provides Wifi capability	Yes	<a href="http://www.adafruit.com/products/1469">http://www.adafruit.com/products/1469</a>	\$34.95	Single
28	<b>Basic parallel 16x2 LCD screen</b>	Display character text	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=arduino+lcd+screen&amp;_osacat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.Xarduino+lcd+screen+2x16&amp;_nkw=arduino+lcd+screen+2x16&amp;_sacat=0">http://www.ebay.com.au/sch/i.html?_odkw=arduino+lcd+screen&amp;_osacat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR0.TRC0.Xarduino+lcd+screen+2x16&amp;_nkw=arduino+lcd+screen+2x16&amp;_sacat=0</a>	\$7.04	Single
29	<b>1602LCD LCD screen serial interface</b>	Allows for the use of SPI or I2C interface for connecting LCD screens, therefore saving on digital pins.	Yes	<a href="http://www.ebay.com.au/sch/i.html?_trksid=p3984.m570.i1313.TR0.TRC0.X1602LCD+Display+IIC%2FI2C%2FTWI%2FSP%E2%80%8B%E2%80%8BIT+Serial+Interface&amp;_nkw=1602LCD+Display+IIC%2FI2C%2FTWI%2FSP%E2%80%8B%E2%80%8BIT+Serial+Interface&amp;_sacat=0&amp;_from=R40">http://www.ebay.com.au/sch/i.html?_trksid=p3984.m570.i1313.TR0.TRC0.X1602LCD+Display+IIC%2FI2C%2FTWI%2FSP%E2%80%8B%E2%80%8BIT+Serial+Interface&amp;_nkw=1602LCD+Display+IIC%2FI2C%2FTWI%2FSP%E2%80%8B%E2%80%8BIT+Serial+Interface&amp;_sacat=0&amp;_from=R40</a>	\$1.23	Single
30	<b>74HC595N</b>	Shift register chip	Yes	<a href="http://www.ebay.com.au/sch/i.html?_trksid=p2050601.m570.i1313.TR0.TRC0.H0.X74HC595N&amp;_nkw=74HC595N&amp;_sacat=0&amp;_from=R40">http://www.ebay.com.au/sch/i.html?_trksid=p2050601.m570.i1313.TR0.TRC0.H0.X74HC595N&amp;_nkw=74HC595N&amp;_sacat=0&amp;_from=R40</a>	\$2	10

31	<b>Capacitors</b>	Capacitors, electrolytic assorted	Yes	<a href="http://www.ebay.com.au/sch/i.html?_odkw=74HC595N&amp;osacat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR3.TRC1.A0.H0.Xelec trolytic+capacitor&amp;nkw=electrolytic+capacitor&amp;_sacat=0">http://www.ebay.com.au/sch/i.html?_odkw=74HC595N&amp;osacat=0&amp;_from=R40&amp;_trksid=p2045573.m570.i1313.TR3.TRC1.A0.H0.Xelec trolytic+capacitor&amp;nkw=electrolytic+capacitor&amp;_sacat=0</a>	\$8	120	
32	<b>28BYj-48</b>	Geared stepper motor with controller PCB 5V	Yes	<a href="http://www.ebay.com.au/itm/5V-Stepper-Step-Motor-ULN2003-Driver-Test-Module-Controller-Board-For-Arduino-7261364660286?pt=AU_B1_Electrical_Test_Equipment&amp;hash=item3cda8c383e&amp;uhb=1">http://www.ebay.com.au/itm/5V-Stepper-Step-Motor-ULN2003-Driver-Test-Module-Controller-Board-For-Arduino-7261364660286?pt=AU_B1_Electrical_Test_Equipment&amp;hash=item3cda8c383e&amp;uhb=1</a>	\$3	1	
33	<b>12VDC 48 Step</b>	7.5 degree, 48 step motor, 12V	Yes	<a href="http://www.ebay.com.au/itm/12VDC-48-Step-7-5-Stepper-Motor-7310869537521?pt=AU_B1_Electrical_Test_Equipment&amp;hash=item486144b2f1&amp;uhb=1">http://www.ebay.com.au/itm/12VDC-48-Step-7-5-Stepper-Motor-7310869537521?pt=AU_B1_Electrical_Test_Equipment&amp;hash=item486144b2f1&amp;uhb=1</a>	\$25	1	
34	<b>74HC14</b>	Schmitt trigger IC	Yes	<a href="http://www.ebay.com.au/sch/i.html?_trksid=p2047675.m570.i1313.TR0.TRC0.H0.X74HC14&amp;nkw=74HC14&amp;sacat=0&amp;_from=R40">http://www.ebay.com.au/sch/i.html?_trksid=p2047675.m570.i1313.TR0.TRC0.H0.X74HC14&amp;nkw=74HC14&amp;sacat=0&amp;_from=R40</a>	\$ 1.56	5	
35	<b>7 segment display</b>	Seven segment display, common anode	Yes	<a href="http://www.ebay.com.au/sch/i.html?_trksid=p2050601.m570.i1313.TR0.TRC0.H0.Xseven+segment+display+anode&amp;nkw=seven+segment+display+anode&amp;sacat=0&amp;_from=R40">http://www.ebay.com.au/sch/i.html?_trksid=p2050601.m570.i1313.TR0.TRC0.H0.Xseven+segment+display+anode&amp;nkw=seven+segment+display+anode&amp;sacat=0&amp;_from=R40</a>	\$ 7.95	4	

36	<b>Atmega 328P + clock crystal</b>	A kit that contains the Atmega 328P controller, a clock crystal and its ceramic capacitors	No	<a href="http://www.ebay.com.au/sch/i.html?from=R40&amp;_trksid=p2047675.m570.l13T3.TR0.TRC0.H0.XATmega328P+crystal&amp;nkw=ATmega328P+crystal&amp;sact=0">http://www.ebay.com.au/sch/i.html?from=R40&amp;_trksid=p2047675.m570.l13T3.TR0.TRC0.H0.XATmega328P+crystal&amp;nkw=ATmega328P+crystal&amp;sact=0</a>	\$ 9.91	1	
37	<b>10uF capacitor</b>	100 units of 10uF electrolytic capacitor	Yes	<a href="http://www.ebay.com.au/itm/100-pcs-Aluminum-Radial-Electrolytic-Capacitor-10uF-25V-7300553631120?pt=AU_B_I_Electrical_Test_Equipment&amp;hash=item45fa647590&amp;uhb=1">http://www.ebay.com.au/itm/100-pcs-Aluminum-Radial-Electrolytic-Capacitor-10uF-25V-7300553631120?pt=AU_B_I_Electrical_Test_Equipment&amp;hash=item45fa647590&amp;uhb=1</a>	\$ 5.99	100	
38	<b>7805 regulator</b>	5 units of the 7805 voltage regulator	Yes	<a href="http://www.ebay.com.au/itm/5-pcs-L7805CV-L7805-7805-IC-ICs-Voltage-Regulator-IC-5V-1-5A-Integrated-Circuit-7280835754515?pt=AU_B_I_Electrical_Test_Equipment&amp;hash=item41631d8a13&amp;uhb=1">http://www.ebay.com.au/itm/5-pcs-L7805CV-L7805-7805-IC-ICs-Voltage-Regulator-IC-5V-1-5A-Integrated-Circuit-7280835754515?pt=AU_B_I_Electrical_Test_Equipment&amp;hash=item41631d8a13&amp;uhb=1</a>	\$ 1.40	5	
39	<b>Breadboard power supply</b>	A convenient 5v/3.3V power supply for the breadboard	Yes	<a href="http://www.ebay.com.au/itm/MB102-Breadboard-Power-Supply-Module-3-3V-5V-For-Solderless-Bread-Board-HP-7131004048674?pt=AU_B_I_Electrical_Test_Equipment&amp;hash=item1e80732522&amp;uhb=1">http://www.ebay.com.au/itm/MB102-Breadboard-Power-Supply-Module-3-3V-5V-For-Solderless-Bread-Board-HP-7131004048674?pt=AU_B_I_Electrical_Test_Equipment&amp;hash=item1e80732522&amp;uhb=1</a>	\$ 1.20	1	
40	MCP23017	Port expander	Yes		\$3.4	1	

41	AT24C256	EEPROM	Yes	<a href="http://www.ebay.com.au/itm/New-1pcs-AT24C256-I2C-interface-EEPROM-Memory-Module-/111475451282?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item19f4746592">http://www.ebay.com.au/itm/New-1pcs-AT24C256-I2C-interface-EEPROM-Memory-Module-/111475451282?pt=AU_B_T_Electrical_Test_Equipment&amp;hash=item19f4746592</a>	3.19	1
42	NRF250L+	Wireless transciever modules	Yes	<a href="http://www.ebay.com.au/itm/New-2Pcs-NRF24L01-2-4GHz-Antenna-Wireless-Transceiver-Module-For-Arduino-AUL-7390896767122?pt=LH_DefaultDomain_15&amp;hash=item5b03435092">http://www.ebay.com.au/itm/New-2Pcs-NRF24L01-2-4GHz-Antenna-Wireless-Transceiver-Module-For-Arduino-AUL-7390896767122?pt=LH_DefaultDomain_15&amp;hash=item5b03435092</a>	6.98	2
43	EasyDriver	Motor driver	Yes	<a href="http://www.ebay.com.au/itm/Hot-EasyDriver-Shield-Stepping-Stepper-Motor-Driver-Board-V44-A3967-For-Arduino-/111408208135?pt=LH_DefaultDomain_15&amp;hash=item19f0725907">http://www.ebay.com.au/itm/Hot-EasyDriver-Shield-Stepping-Stepper-Motor-Driver-Board-V44-A3967-For-Arduino-/111408208135?pt=LH_DefaultDomain_15&amp;hash=item19f0725907</a>	\$2	1
44	TIP22	Transistor	Yes	<a href="http://www.ebay.com.au/itm/New-10pcs-TIP142-TRANSISTOR-NPN-DARLINGTON-100V-10A-/121455474856?pt=LH_DefaultDomain_15&amp;hash=item1c474f78a8">http://www.ebay.com.au/itm/New-10pcs-TIP142-TRANSISTOR-NPN-DARLINGTON-100V-10A-/121455474856?pt=LH_DefaultDomain_15&amp;hash=item1c474f78a8</a>	2.63	1

	12V relay	Relay	Yes	<a href="http://www.ebay.com.au/itm/Brand-New-DC12V-SRD-T2VDC-SL-C-PCB-Type-Mini-Power-Relay-/121447759378?pt=LH_DefaultDomain_15&amp;hash=item1c46d9be12">http://www.ebay.com.au/itm/Brand-New-DC12V-SRD-T2VDC-SL-C-PCB-Type-Mini-Power-Relay-/121447759378?pt=LH_DefaultDomain_15&amp;hash=item1c46d9be12</a>	2.63	5	
	5V relay	Relay	Yes	<a href="http://www.ebay.com.au/itm/Mini-5V-DC-Coil-Power-Relay-SRD-5VDC-SL-C-PCB-5-Pin-Type-/141310910247?pt=LH_DefaultDomain_15&amp;hash=item20e6c95f27">http://www.ebay.com.au/itm/Mini-5V-DC-Coil-Power-Relay-SRD-5VDC-SL-C-PCB-5-Pin-Type-/141310910247?pt=LH_DefaultDomain_15&amp;hash=item20e6c95f27</a>	5.49	10	
				Total	\$252.88		