

ARDUINO WORK BENCH - PART LIST

N°	Commercial Name	Qty.	Price [£]		Supplier
			/unit	all	
The box (closed volume, insulated, transparent, thick wall but easy to pierce and cut, flat and removable lid, big flat lateral surface)					
1	Storage plastic box (15L)	1	4.50	4.50	
Connecting the box to 240V AC Power Supply Net					
2	3 Pin AC Plug with 13A fuse	1	1.29	1.29	http://www.amazon.co.uk/3-Pin-Plug-13amp-fuse/dp/B000MF53AK/ref=sr_1_15?ie=UTF8&qid=1459799511&sr=8-15&keywords=UK+3+PIN+PLUG
3	10 Meters of White 1.5mm 15 Amp 3183Y 3 Core Flexible Cable	1	5.92	5.92	http://www.amazon.co.uk/Meters-White-1-5mm-3183Y-Flexible/dp/B00BEZIWNC/ref=sr_1_9?s=diy&ie=UTF8&qid=1459939222&sr=1-9&keywords=3+x+2.5mm+cable
4	Heavy Duty Rewireable IEC320 C13 Female Socket 250V 10A	1	2.44	2.44	http://www.amazon.co.uk/Heavy-Rewireable-Female-Inline-Socket/dp/B00X8F8M3G?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o00_s00
5	Power Socket Switch IEC320 C14 Socket	1	2.45	2.45	http://www.amazon.co.uk/AC250V-Rocker-Switch-IEC320-Socket-Red/dp/B00LXBDA02?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o03_s00
6	AC 80-300V 100A Digital Voltmeter Ammeter	1	14.80	14.80	http://www.amazon.co.uk/DROK-80V-300V-Transformer-Voltmeter-transformer/dp/B00GXZ403O?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o07_s00
7	Heat Shrink Tube Wire Wrap Cable Sleeve	1	2.44	2.44	http://www.banggood.com/Wholesale-Heat-Shrink-Shrinking-Tubing-Tube-Wire-Wrap-Cable-Sleeve-Kit-Set-p-56687.html
8	Knightsbridge 13 A 2 Gang Double Pole Switched Socket - White[Energy Class A+]	1	2.35	2.35	http://www.amazon.co.uk/Knightsbridge-Gang-Double-Switched-Socket/dp/B003T024XE/ref=sr_1_5?s=diy&ie=UTF8&qid=1459923447&sr=1-5&keywords=double+wall+socket
9	Double Socket with 2 x USB Socket Outlets	1	4.25	4.25	http://www.amazon.co.uk/Double-Socket-USB-Outlets/dp/B00B9G6Y00/ref=sr_1_15?s=diy&ie=UTF8&qid=1459923536&sr=1-15&keywords=double+wall+socket
10	2 Gang Dry Lining Box	1	4.42	4.42	http://www.amazon.co.uk/2-Gang-Dry-Lining-Box/dp/B00CYJKHZI/ref=sr_1_17?s=diy&ie=UTF8&qid=1459923536&sr=1-17&keywords=double+wall+socket

Inside AC-DC Power Supply Units					
11	DC 9V 2A AC Adapter Charger Power Supply	2	2.41	4.82	http://www.banggood.com/Dfg-p-953414.html
12	12V 400mA 5W AC-DC Step Down Isolated Switching Power Supply Module	2	1.86	3.72	http://www.banggood.com/12V-400mA-5W-AC-DC-Step-Down-Isolated-Switching-Power-Supply-Module-p-993728.html
13	DC 5V 1A Home Wall Power Supply Charger Adapter Converter EU Plug	1	2.00	2.00	http://www.banggood.com/DC-5V-1A-Home-Wall-Power-Supply-Charger-Adapter-Converter-EU-Plug-p-1022873.html
14	European EU 2pin female DIY Rewirable AC Female Socket White	4	2.00	8.00	http://www.ebay.com/itm/European-EU-2pin-female-DIY-Rewirable-AC-Female-Socket-White-/251968963720?hash=item3aaa854488:g:JZIAAO5wI8NVXroQ
15	BH01450 0.5mm Round 2-Core Cables 2182Y, 10 Metres White	1	6.00	6.00	http://www.amazon.co.uk/BH01450-0-5mm-2-Core-Cables-Metres/dp/B00JIL802C/ref=sr_1_8?s=diy&ie=UTF8&qid=1459939381&sr=1-8&keywords=2.5mm+cable+core
Inside DC-DC Power Supply Units					
16	DC(4-35V)-DC(1-30V) Step Down adjustable Power Suply 2A Module	2	3.18	6.36	http://www.amazon.co.uk/Ecloud-pieces-LM2596-Adjustable-Supply/dp/B00SYD2R7Y?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o00_s00
17	5pcs. Prototyping PCB Circuit Board Stripboard 90x70mm	1	1.23	1.23	http://www.amazon.co.uk/FACILLA-Prototyping-Circuit-Stripboard-90x70mm/dp/B009XPBHEQ?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o00_s00
18	Digital voltmeter-ammeter 0-100V/10A	2	8.60	17.20	http://www.amazon.co.uk/DROK-reg-Digital-Voltmeter-Ammeter/dp/B00HHOG5WY?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o00_s00
19	Pro Power 5atrans 12-Way Terminal Block, 6a, Polyethylene, White	2	1.00	2.00	http://www.amazon.co.uk/Pro-Power-5atrans-Terminal-Polyethylene/dp/B00YUDAX0K/ref=sr_1_1?s=diy&ie=UTF8&qid=1459894267&sr=1-1&keywords=6a+terminal+block
20	5X 2.1mm x 5.5mm Female Panel Mount Socket And DC Connector Male Plug	1	2.44	2.44	http://www.banggood.com/5X-2_1mm-x-5_5mm-Female-Panel-Mount-Socket-And-DC-Connector-Male-Plug-p-1001624.html

21	100 pcs. White Zip Cable Ties 100mmx2.5mm	1	0.90	0.90	http://www.amazon.co.uk/White-Cable-Ties-100Mm-2-5Mm/dp/B00904S2T8?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o08_s00
22	39 pcs. 25mm x 25 mm Square Self-Adhesive Cable Tie Mount Base	1	1.42	1.42	http://www.amazon.co.uk/SODIAL-Square-Self-Adhesive-Cable-Mount/dp/B00V4Q9SCK?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o09_s00
Hardware					
23	50 pcs. M3 hex. nut, A2 stainless steel	1	1.40	1.40	http://www.amazon.co.uk/Full-Stainless-Steel-Hexagon-Delivery/dp/B00A6G3G2C?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o07_s00
24	50 pcs. Ø3.2 washer, A2 stainless steel	1	1.50	1.50	http://www.amazon.co.uk/Washer-3-2mm-Stainless-Washers-Delivery/dp/B00A6PGHC4?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o07_s00
25	5 pcs. Slotted Cheese Head M3x6 screw	3	0.99	2.97	http://www.amazon.co.uk/Bolt-Base-Stainless-Slotted-Machine/dp/B00SN3FQLO?ie=UTF8&keywords=m3%20screws&qid=1459802324&ref_sr_1_34&sr=8-34
26	5 pcs. Slotted Cheese Head M3x20 screw	1	1.05	1.05	http://www.amazon.co.uk/Bolt-Base-Stainless-Slotted-Machine/dp/B00SN3YIXG?ie=UTF8&keywords=m3%20x%2020%20screws&qid=1459802498&ref_sr_1_8&sr=8-8
27	5 pcs. Slotted Cheese Head M4x50 screw	1	1.30	1.30	http://www.amazon.co.uk/Bolt-Base-Stainless-Slotted-Machine/dp/B00SN3475K/ref=sr_1_7?ie=UTF8&qid=1459802829&sr=8-7&keywords=m4+x+50+screws
28	10 pcs. M4 Hex Nut Stainless Steel A2	1	0.89	0.89	http://www.amazon.co.uk/Nuts-4%C2%A0DIN-934%C2%A0VA-Stainless-Steel/dp/B008BW XJKM/ref=sr_1_10?ie=UTF8&qid=1459802935&sr=8-10&keywords=m4+nuts
29	10 pcs. M4 Flat Washer Stainless Steel A2	1	0.99	0.99	http://www.amazon.co.uk/PACK-WASHER-THICK-STAINLESS-STEEL/dp/B00SJGVXSA/ref=sr_1_8?ie=UTF8&qid=1459803282&sr=8-8&keywords=m4+washers
30	50 Pcs. M3 Male x M3 Female Hex Head PCB Standoffs Spacers 12mm Length	1	1.54	1.54	http://www.amazon.co.uk/TOOGOO-Female-Standoffs-Spacers-Length-x/dp/B00HV3NBEG/ref=sr_1_13?ie=UTF8&qid=1459803420&sr=8-13&keywords=hex+spacers+m3

Tools					
31	Screwdriver Cutting Tg Twist Maurer 3x100 mm DIN ISO 2380	1	0.47	0.47	http://www.amazon.co.uk/Screwdriver-Cutting-Twist-Maurer-3x100/dp/B00HWRIRNG/ref=sr_1_49?s=diy&ie=UTF8&qid=1459891235&sr=1-49&keywords=screwdriver
32	Phillips screwdriver Cr Twist Maurer PH 0x60 DIN ISO 8764-1	1	0.49	0.49	http://www.amazon.co.uk/Phillips-screwdriver-Twist-Maurer-8764-1/dp/B00HWRHXRC/ref=sr_1_54?s=diy&ie=UTF8&qid=1459891290&sr=1-54&keywords=screwdriver
33	Souarts Black Red Diagonal Cutting Plier	1	3.00	3.00	http://www.amazon.co.uk/Souarts-Black-Diagonal-Cutting-Plier/dp/B00WLMENDU/ref=sr_1_3?s=diy&ie=UTF8&qid=1459891085&sr=1-3&keywords=pliers
34	0774 Non Magnetic Stainless Steel Straight Precision Tweezer Straight Serrated Round Tip 5.5" 140mm	1	2.10	2.10	http://www.amazon.co.uk/Magnetic-Stainless-Straight-Precision-Serrated/dp/B00NOXRNAA/ref=sr_1_65?s=diy&ie=UTF8&qid=1459890692&sr=1-65&keywords=tweezers+stainless+steel
35	Souarts Black Long Nose Plier	1	3.00	3.00	http://www.amazon.co.uk/Souarts-Black-Long-Nose-Plier/dp/B00WLMEV12/ref=sr_1_2?s=diy&ie=UTF8&qid=1459890991&sr=1-2&keywords=pliers
36	Perel 1907-7 18 mm Universal Cutter with Snap-Off Blade	1	1.08	1.08	http://www.amazon.co.uk/Perel-1907-7-Universal-Cutter-Snap-Off/dp/B00F2IXB0Q/ref=sr_1_3?s=diy&ie=UTF8&qid=1459891399&sr=1-3&keywords=cutter+knife
37	SOLDERTIN 1 MM 17 GR	1	2.74	2.74	http://www.amazon.co.uk/SOLDERTIN-1-MM-17-GR/dp/B004JPMONI/ref=sr_1_4?s=diy&ie=UTF8&qid=1459891542&sr=1-4&keywords=soldering+alloy
38	PD-10 Solid Rosin Welding Paste Soldering Solder Paste Flux Cream	1	1.49	1.49	http://www.amazon.co.uk/PD-10-Solid-Welding-Soldering-Solder/dp/B00KCL61M8/ref=sr_1_5?s=diy&ie=UTF8&qid=1459891627&sr=1-5&keywords=rosin+flux
39	30W Adjustable Electric Temperature Gun Welding Soldering Iron Solder Tool	1	4.78	4.78	http://www.banggood.com/30W-Adjustable-Electric-Temperature-Gun-Welding-Soldering-Iron-Solder-Tool-p-1037265.html
40	150mm Digital Caliper	1	5.89	5.89	http://www.amazon.co.uk/LUJII150mm-ELECTRONIC-DIGITAL-CALIPERS-VERNIER/dp/B007K7F04C?ie=UTF8&psc=1&redirect=true&ref_=oh_aui_detailpage_o06_s00

41	3rd hand, LED light, Magnifying Glass, Iron Stand	1	4.99	4.99	http://www.amazon.co.uk/Helping-Soldering-Magnifier-Magnifying-Crocodile/dp/B010ZTTLQE?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o03_s00
42	1m cable USB A-micro USB B	3	1.00	3.00	http://www.amazon.co.uk/MasterStor-Android-Samsung-Motorola-Blackberry/dp/B013QVFZT0?ie=UTF8&keywords=1m%20cable%20usb%20A%20to%20micro&qid=1459801423&ref_sr_1_64&sr=8-64
43	GM550 Non-Contact Digital IR Laser Infrared Temperature Meter Gun Thermometer -50-550°C	1	10.95	10.95	http://www.banggood.com/GM550-Non-Contact-Digital-IR-Laser-Infrared-Temperature-Meter-Gun-Thermometer-Tester-50-550-p-76731.html
44	High speed 4 Port black USB Hub Portable 4 Ports USB With four switch Black	1	2.06	2.06	http://www.amazon.co.uk/Portable-switch-Adapter-Notebook-Delivery/dp/B00NNEZSB6/ref=sr_1_89?s=computers&ie=UTF8&qid=1459891796&sr=1-89&keywords=usb+hub
45	USB powered LED lamp	2	2.00	4.00	http://www.caseswill.com/usb-powered-led-illumination-lamp_p1498.html
46	Duracell HR6-B - StayCharged AA 4 Pack	1	9.10	9.10	http://www.amazon.co.uk/Duracell-HR6-B-StayCharged-AA-Pack/dp/B00K870GCW/ref=sr_1_51?ie=UTF8&qid=1459892346&sr=8-51&keywords=4+cell+aa+aaa+charger
47	Duracell 1300mAh AA Size Rechargeable Batteries-- Pack of 4	2	5.77	11.54	http://www.amazon.co.uk/Duracell-1300mAh-Size-Rechargeable-Batteries-Pack/dp/B008NF1Y0Y/ref=pd_sim_sbs_107_1?ie=UTF8&dpID=51TWT9-kfdL&dpSrc=sims&preST=_AC_UL160_SR160%2C160_&refRID=1FABH32QF0AT30XAX3SZ
48	2pcs 5.5mmx2.5mm DC Male Plug DIY 6 x 1.5V AA Battery Case Box Holder	1	5.56	5.56	http://www.amazon.co.uk/2pcs-5-5mmx2-5mm-Male-Battery-Holder/dp/B0197XG8JM/ref=sr_1_25?ie=UTF8&qid=1459892813&sr=8-25&keywords=Plastic+Battery+Cell+Clip+Holder+6+x+1.5V+AA
49	Duck Tape Double Sided Mounting Tape 19mm X 1.5m	1	1.00	1.00	http://www.amazon.co.uk/Duck-Tape-Double-Sided-Mounting/dp/B001DZPVFK/ref=sr_1_1?s=diy&ie=UTF8&qid=1459893250&sr=1-1&keywords=double+sided+duct+tape
50	IKEA FIXA - Hammer drill, li-ion - 14.4 V	1	47.17	47.17	http://www.amazon.co.uk/IKEA-FIXA-Hammer-drill-li-ion/dp/B00GMM8DDQ/ref=sr_1_5?ie=UTF8&qid=1459938768&sr=8-5&keywords=ikea+drill
51	Trademark Tools Carbon Steel Drill Bit Set w/ Carrying Case	1	6.00	6.00	http://www.amazon.co.uk/Trademark-Tools-Carbon-Steel-Carrying/dp/B003HJ6CC6/ref=sr_1_55?s=diy&ie=UTF8&qid=1459938988&sr=1-55&keywords=drill+set
52	Pepsi 2L Bottle (as cylindrical tool box)	1	2.00	2.00	

Electric Measurements					
53	HeroNeo® Mini Portable Ammeter Voltmeter Handheld Tester Ohmmeter LCD Digital Multimeter	1	4.00	4.00	http://www.amazon.co.uk/HeroNeo-Portable-Voltmeter-Handheld-Multimeter/dp/B00LGIEB3W/ref=sr_1_66?s=diy&ie=UTF8&qid=1459940936&sr=1-66&keywords=digital+multimeter
54	Digital Laser Photo Tachometer Non Contact RPM Tester Tach Meter Electronic Auto	1	9.57	9.57	http://www.amazon.co.uk/Digital-Tachometer-Contact-Tester-Electronic/dp/B00CRGJ2YK/ref=sr_1_4?ie=UTF8&qid=1459940837&sr=8-4&keywords=tachometer
55	Arduino UNO	1	3.89	3.89	http://www.amazon.co.uk/Funduino-Development-Board-Compatible-Arduino/dp/B00SSQACWY/ref=sr_1_35?ie=UTF8&qid=1459940678&sr=8-35&keywords=arduino+uno
56	BB830 Solderless Plug-in BreadBoard, 830 tie-points, 4 power rails, 6.5 x 2.2 x 0.3in (165 x 55 x 9mm)	1	1.80	1.80	http://www.amazon.co.uk/BB830-Solderless-Plug--BreadBoard-tie-points/dp/B0040Z4QN8/ref=sr_1_1?ie=UTF8&qid=1459940742&sr=8-1&keywords=breadboard
57	DIY Digital Oscilloscope Kit DSO062 DIY Kit	1	28.50	28.50	http://www.banggood.com/DIY-Digital-Oscilloscope-Kit-DSO062-DIY-Kit-p-981554.html
58	Toggle switch 6 poles AC250V 15A	1	2.50	2.50	http://www.amazon.co.uk/AC250V-Thread-Terminal-Toggle-Switch/dp/B00BG61XJY?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o02_s00
59	Transformer AC 220V/9V, 8VA	1	7.54	7.54	http://www.amazon.co.uk/Input-Output-EI-41x20-5-Power-Transformer/dp/B00DN5PTQY?ie=UTF8&psc=1&redirect=true&ref_oh_aui_detailpage_o02_s00
60	4Pcs Speaker Terminal Binding Post Banana Plug Socket Connector	1	0.86	0.86	http://www.banggood.com/4Pcs-Speaker-Terminal-Binding-Post-Banana-Plug-Socket-Connector-p-929288.html
61	2000W Speed Controller SCR Voltage Regulator Dimming Dimmer Thermostat	1	2.15	2.15	http://www.banggood.com/2000W-Speed-Controller-SCR-Voltage-Regulator-Dimming-Dimmer-Thermostat-p-80720.html
62	M005 Insulation Boot Metal Alligator Clips Electric Test Accessories	1	1.75	1.75	http://www.banggood.com/M005-Insulation-Boot-Metal-Alligator-Clips-Electric-Test-Accessories-p-958524.html
63	Arduino Stuff (sensors, wireless transmitters, connectors and shields, servos, motors and drivers, LCD and relays...), depending on the chosen project.	0	0.00	0.00	
Σ				307.56	