QuickBot Parts List For Control of Mobile Robots MOOC 2014

Part	Name C	Quanity	Price Per Unit	Discount	Discounted Price Per Unit	Total	Vender Link	Octopart Link
			Per Unit		Price Per Unit	Part Cost	LINK	LITIK
umper Wires M/M	Breadboard jumper wire 75pcs pack	1	\$ 5.29	0%	\$ 5.29		Amazon	
Vifi	Compact USB Wi-Fi Adapter with 4" Antenna	1	\$ 12.95	0%		\$ 12.95	Logic Supply	Lu // // // // // // // // // // //
V Regulator ap 100uF	LDO Voltage Regulators 5.0V 3.0A Positive - LD1085V50	1	\$ 1.55 \$ 0.09	0%	\$ 1.55 \$ 0.09		Mouser Electronics Mouser Electronics	http://octopart.com/ld1085v50-stmicroelectronics-526931 http://octopart.com/uvz1e101med1du-nichicon-20066781
ap 100ur ap 10uF	Electrolytic Capacitors - Leaded 100uF 25V Electrolytic Capacitors - Leaded 10uF 16V	1	\$ 0.09 \$ 0.08	0% 0%	\$ 0.09 \$ 0.08		Mouser Electronics	http://octopart.com/uvz1e101med1du-nicnicon-20066781
ap 0.1uF	Ceramic Capacitors - Leaded 0.1uF 50V	1	\$ 0.10	0%	\$ 0.10		Mouser Electronics	http://octopart.com/sr205e104mar-avx-144385
iode	Rectifier diode 1N4007	1	\$ 0.14	0%	\$ 0.14		Mouser Electronics	http://octopart.com/1n4007-fairchild+semiconductor-13146182
esistor 20K	Resistors - Through hole 1/4W 20k ohm	7	\$ 0.06	0%	\$ 0.06		Mouser Electronics	http://octopart.com/mf1%2F4dct52r2002f-koa+speer-10683051
esistor 10K	Resistors - Through hole 1/4W 10k ohm	7	\$ 0.06	0%	\$ 0.06		Mouser Electronics	http://octopart.com/mf1%2F4dct52a1002f-koa+speer-19664001
licoprocessor	BeagleBone Black		\$ 44.95	10%		\$ 40.46	SparkFun	http://octopart.com/bb-bblk-000-circuitco+electronics-26478322
ower Jack	DC Barrel Jack Adapter - Female	2	\$ 3.00	10%	\$ 2.70		SparkFun	http://octopart.com/ls-00015-osepp-30569370
attery Holder	Battery Holder - 4xAA Square	1	\$ 2.50	10%	\$ 2.25		SparkFun	
nassis Kit	Magician Chassis	1	\$ 14.95	10%		\$ 13.46	SparkFun	
ncoder	RedBot Wheel Encoder	1	\$ 10.00	10%		\$ 9.00	SparkFun	http://octopart.com/gre1113gr-fairchild+semiconductor-13127886
ini Breadboard	Breadboard - Mini Modular (White)	1	\$ 3.95	10%	\$ 3.56	\$ 3.56	SparkFun	http://octopart.com/prt_brd_white_j1-mcm+electronics-29384911
edium Breadboard	Breadboard - Self-Adhesive (White)	1	\$ 4.95	10%	\$ 4.46	\$ 4.46	SparkFun	
mper Wires M/F	Jumper Wires Premium 6" M/F Pack of 10	1	\$ 3.95	10%	\$ 3.56	\$ 3.56	SparkFun	
ounting Screws (long)	Screw - Phillips Head (1/2", 4-40, 10 pack)	2	\$ 1.50	10%	\$ 1.35	\$ 2.70	SparkFun	
ounting Screws (short)	Screw - Phillips Head (1/4", 4-40, 10 pack)	2	\$ 1.50	10%	\$ 1.35	\$ 2.70	SparkFun	
ounting Nuts	Nut - Metal (4-40, 10 pack)	2	\$ 1.50	10%	\$ 1.35	\$ 2.70	SparkFun	
otor Controller	H-Bridge Motor Driver 1A	1	\$ 2.35	10%	\$ 2.12	\$ 2.12	<u>SparkFun</u>	http://octopart.com/sn754410ne-texas+instruments-1320
atsink	Heatsink TO-220	1	\$ 0.90	10%	\$ 0.81	\$ 0.81	<u>SparkFun</u>	http://octopart.com/577102b00000g-aavid+thermalloy-120590
vitch	Rocker Switch - SPST (right-angle)	1	\$ 0.95	10%	\$ 0.86	\$ 0.86	<u>SparkFun</u>	
Sensor	Infrared Proximity Sensor Short Range	5	\$ 14.00	10%		\$ 63.00	<u>SparkFun</u>	http://octopart.com/gp2y0a41sk0f-sharp+microelectronics-806007
Connector	JST Jumper 3 Wire Assembly	5	\$ 1.50	10%	\$ 1.35		<u>SparkFun</u>	
Brackets	Angle Bracket - 4-40	10	\$ 0.45	10%	\$ 0.41	\$ 4.05	<u>SparkFun</u>	
uickBot Total (w/	IR Sensors)	20				\$ 188.85		
atteries								
echarable Batteris	AmazonBasics 8 Pack AA Ni-MH Rechargeable Batteries	1	\$ 18.17	0%	\$ 18.17	\$ 18.17	Amazon	
	r EBL 808A 8 Bay AA AAA Battery Charger for Ni-MH Ni-Cd	1	\$ 9.99	0%		\$ 9.99	Amazon	
atteries Total		2				\$ 28.16		
ools								
eedlenose pillars	Stanley 84-096 5-Inch Needle Nose Plier	1	\$ 4.00	0%		\$ 4.00	Amazon	
oldering Iron	Dr. Meter 60 Watts High-performance Soldering Iron	1	\$ 9.00	0%		\$ 9.00	Amazon	
older	Lead-Free Solder 5' Roll - LF-99	1	\$ 4.00	0%		\$ 4.00	Amazon	
'ire cutters	Feibao tools Wire Cutter Plier Yellow 4.5 Inch 125 Mm	1	\$ 6.50	0%	\$ 6.50	\$ 6.50	Amazon	
etrical tape								
	Eletrical tape	1	\$ 0.95	10%		\$ 0.86	SparkFun	
ools Total	Lietricai tape	5	\$ 0.95	10%	\$ 0.86			
•	Eletrical tape		\$ 0.95	10%	\$ 0.86	\$ 0.86		
ools Total		5			\$ 0.86	\$ 0.86 \$ 24.36	SparkFun	http://octopart.com/102.ada/ruiksindustrios 20107416
ools Total lisc.	Sandisk 4GB MicroSDHC Memory Card with SD Adapter	5	\$ 6.50	0%	\$ 0.86	\$ 0.86 \$ 24.36 \$ 6.50	SparkFun Amazon	http://octopart.com/102-adafruit+industries-28107416
ools Total lisc. D card C Power Supply	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A	5 1 1	\$ 6.50 \$ 5.95	0% 10%	\$ 0.86 \$ 6.50 \$ 5.36	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36	SparkFun Amazon SparkFun	http://octopart.com/276-adafruit+industries-29094024
ools Total lisc. Dicard Power Supply icro-HDMI Cable	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable	1 1 1	\$ 6.50 \$ 5.95 \$ 6.95	0% 10% 0%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95	SparkFun Amazon SparkFun Adafruit	
Ocard Ocard Power Supply icro-HDMI Cable hernet Cable	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CAT5 3 ft	1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55	0% 10% 0% 0%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55	SparkFun Amazon SparkFun Adafruit Amazon	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384
ools Total lisc. Card C Power Supply icro-HDMI Cable hernet Cable E Barrel Jack Plug	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male	1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76	0% 10% 0% 0% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68	\$ 0.86 \$ 24.36 \$ 6.50 \$ 6.95 \$ 1.55 \$ 0.68	SparkFun Amazon SparkFun Adafruit Amazon SparkFun	http://octopart.com/276-adafruit+industries-29094024
lisc. Card Power Supply Icro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CAT5 3 ft	1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55	0% 10% 0% 0%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46	\$ 0.86 \$ 24.36 \$ 6.50 \$ 6.95 \$ 1.55 \$ 0.68	SparkFun Amazon SparkFun Adafruit Amazon	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384
Ools Total Alisc. Dicard C Power Supply Ilicro-HDMI Cable hernet Cable C Barrel Jack Plug C Wall Power Supply ultimeter	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A	1 1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 1.46	0% 10% 0% 10% 0%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384
Ools Total Alisc. D card C Power Supply licro-HDMI Cable thernet Cable C Barrel Jack Plug C Wall Power Supply lultimeter Alisc Total	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A	1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 1.46	0% 10% 0% 10% 0%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384
Ools Total Alisc. Decard C Power Supply Blicro-HDMI Cable C Barrel Jack Plug C Wall Power Supply Builtimeter Alisc Total ubsitutions	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CAT5 3 ff DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter	1 1 1 1 1 1 1 7	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 1.46 \$ 11.46	0% 10% 0% 0% 10% 0% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384
Ools Total Tisc. Discrete Capply Ticro-HDMI Cable The All Power Supply Th	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis	1 1 1 1 1 1 1 7	\$ 6.50 \$ 6.95 \$ 6.95 \$ 1.55 \$ 1.46 \$ 11.46	0% 10% 0% 0% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Zagros Robotics	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357
Dools Total lisc. Doard Power Supply icro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply ultimeter lisc Total ubsitutions bassis Kit lcoprocessor	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black	1 1 1 1 1 1 1 7	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 1.46 \$ 11.46	0% 10% 0% 0% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 32.81	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun SparkFun Zagros Robotics Adafruit	http://octopart.com/276-adafruit+industries-29994024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322
card Power Supply Cro-HDMI Cable Perret Jack Plug Wall Power Supply Utimeter Ubsitutions assis kit coprocessor Power Supply	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CAT5 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black 5V 2A (2000mA) switching power supply	1 1 1 1 1 1 1 1 7	\$ 6.50 \$ 5.95 \$ 1.55 \$ 0.76 \$ 1.46 \$ 11.46	0% 10% 0% 0% 10% 0% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 32.81	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon Amazon Amazon SparkFun Amazon Adafruit Adafruit	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024
isc. card Power Supply cro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply ultimeter isc Total lbsitutions assis Kit coprocessor Power Supply Barrel Jack	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips	1 1 1 1 1 1 1 1 7	\$ 6.50 \$ 5.95 \$ 1.55 \$ 1.46 \$ 11.46 \$ 45.00 \$ 9.95 \$ 1.95	0% 10% 0% 0% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Zagros Robotics Adafruit Adafruit Adafruit	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-32978357
isc. card Power Supply cro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply ultimeter isc Total assis Kit coprocessor Power Supply Barrel Jack Barrel Jack Barrel Jack	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard	1 1 1 1 1 1 1 1 7	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 1.76 \$ 11.46 \$ 11.46 \$ 45.00 \$ 9.95 \$ 9.95 \$ 1.95	0% 10% 0% 0% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun SparkFun Zagros Robotics Adafruit Adafruit Adafruit Adafruit Adafruit	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024
card Power Supply cro-HDMI Cable learnet Cable Barrel Jack Plug Wall Power Supply litimeter isc Total libsitutions assis Kit coprocessor Power Supply Barrel Jack eadboard mper Wires M/F	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black 5V 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom VoYo 40P dupont cable 200mm male to female	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 1.55 \$ 0.76 \$ 1.46 \$ 11.46 \$ 2 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 1.95 \$ 1.95 \$ 1.95 \$ 1.95	0% 10% 0% 0% 10% 0% 10% 0% 0% 0% 0% 0% 0%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 45.00 \$ 9.95 \$ 1.95 \$ 45.00 \$ 9.95 \$ 1.95	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon Amazon Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/65-adafruit+industries-25729769
isc. card Power Supply cro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply ultimeter isc Total ibsitutions assis Kit coprocessor Power Supply Barrel Jack eadboard mpor Wires M/F de	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom YoYo 40P dupont cable 200mm male to female Diode rectifier 1N4001	1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 1 1 1	\$ 6.50 \$ 5.95 \$ 1.55 \$ 1.46 \$ 11.46 \$ 45.00 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 5 5.69 \$ 5 0.15	0% 10% 0% 0% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 1.95 \$ 4.00	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 32.81 \$ 34.95 \$ 45.00 \$ 9.95 \$ 3.90 \$ 8.60 \$ 5.69	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Zagros Robotics Adafruit	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-32998357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/65-adafruit+industries-25729769 http://octopart.com/1n4001-tp-micro+commercial-730241
card Power Supply Cro-HDMI Cable Perret Cable Barrel Jack Plug Wall Power Supply Untimeter Lisc Total Libsitutions Libsitu	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom Y0Yo 40P dupont cable 200mm male to female Diode rectifier 1N4001 Capacitor Ceramic 0.1uF	7 7 7	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 11.46 \$ 11.46 \$ 45.00 \$ 9.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.95 \$ 1.95 \$ 1.95 \$ 1.95 \$ 1.95 \$ 5.95 \$ 5.95 \$ 5.95 \$ 5.95 \$ 6.95 \$ 1.85 \$ 1.8	0% 10% 0% 0% 10% 0% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 0.68	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.05 \$ 10.31 \$ 32.81 \$ 14.95 \$ 45.00 \$ 9.95 \$ 9.95 \$ 9.95 \$ 9.95 \$ 9.95 \$ 9.04 \$ 9.02 \$ 0.23	Amazon SparkFun Adafruit Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon Amazon Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit Apazon SparkFun SparkFun SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-32978357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/1328-adafruit-industries-25729769 http://octopart.com/14001-tp-micro+commercial-730241 http://octopart.com/14001-tp-micro+commercial-730241 http://octopart.com/320c104m5u5ta-kemet-97644
isc. Power Supply Cro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply ultimeter Lisc Total Absitutions Lassis Kit Coprocessor Power Supply Barrel Jack Barrel J	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - SV DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom YoYo 40P dupont cable 200mm male to female Diode rectifier 1N4001 Capacitor Electrolytic 10uF	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 1.55 \$ 0.76 \$ 11.46 \$ 11.46 \$ 25 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.05 \$ 1.95 \$ 4.00 \$ 1.95 \$ 4.00 \$ 1.95 \$ 4.00 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0% 10% 0% 0% 10% 0% 10% 0% 0% 0% 0% 0% 0% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 45.00 \$ 9.95 \$ 4.00 \$ 9.95 \$ 1.95 \$ 0.68 \$ 1.46 \$ 10.31	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 32.81 \$ 14.95 \$ 45.00 \$ 9.95 \$ 3.90 \$ 8.06 \$ 0.14 \$ 0.23 \$ 0.14 \$ 0.23 \$ 0.41	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Adafruit Adaruit Adaruit SparkFun SparkFun SparkFun SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-29094024 http://octopart.com/65-adafruit+industries-25729769 http://octopart.com/of-adafruit-industries-29094024 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/ce-aleks100-panasonic+-ecg-210015
Dools Total Lisc. Leard Leard Leard Leard Leard Leard Learner Lear	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black 5V 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom YoYo 40P dupont cable 200mm male to female Diode rectifier 1M4001 Capacitor Ceramic 0.1uF Capacitor Electrolytic 10uF Capacitor Electrolytic 10uF	5 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6.50 \$ 6.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 11.46 \$ 11.46 \$ 45.00 \$ 45.00 \$ 45.00 \$ 1.95 \$ 40.00 \$ 5.01 \$ 5	0% 10% 0% 0% 10% 10% 10% 0% 0% 0% 0% 10% 1	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 9.04 \$ 9.05 \$ 9	\$ 0.86 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 1.68 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81 \$ 14.95 \$ 45.00 \$ 9.95 \$ 3.90 \$ 5.69 \$ 0.14 \$ 0.23 \$ 0.41 \$ 0.23 \$ 0.41 \$ 0.23 \$ 0.41	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-32978357 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/1328-adafruit-industries-25729769 http://octopart.com/14001-tp-micro+commercial-730241 http://octopart.com/14001-tp-micro+commercial-730241 http://octopart.com/320c104m5u5ta-kemet-97644
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card Power Supply Cro-HDMI Cable Pernet Cable Barrel Jack Plug Wall Power Supply Jitimeter Lisc Total Absitutions assis Kit Coprocessor Power Supply Barrel Jack	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom Yovo 40P dupont cable 200mm male to female Diode rectifier 1N4001 Capacitor Electrolytic 100uF Capacitor Electrolytic 100uF Jumper Wires Premium 6" M/M Pack of 10 Jumper Wires Standard 7" M/M Pack of 30	5 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6.50 \$ 6.95 \$ 1.55 \$ 1.46 \$ 11.46 \$ 14.95 \$ 49.00 \$ 5, 6.90 \$ 4.00 \$ 5, 6.90 \$ 5, 6.	0% 10% 0% 0% 10% 10% 10% 10% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 45.00 \$ 9.95 \$ 4.00 \$ 9.95 \$ 0.14 \$ 0.23 \$ 0.41 \$ 0.32 \$ 3.56 \$ 4.46	\$ 0.86 \$ 24.36 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81 \$ 14.95 \$ 3.90 \$ 9.95 \$ 3.90 \$ 8.06 \$ 0.14 \$ 0.23 \$ 0.23 \$ 0.41 \$ 0.32 \$ 7.11 \$ 4.46	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-29094024 http://octopart.com/65-adafruit+industries-25729769 http://octopart.com/of-adafruit-industries-29094024 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/ce-aleks100-panasonic+-ecg-210015
lisc. Leard Learner Lear	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black 5V 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom YoYo 40P dupont cable 200mm male to female Diode rectifier 1N4001 Capacitor Ceramic 0.1uF Capacitor Electrolytic 10uF Capacitor Electrolytic 10uF Jumper Wires Premium 6" M/M Pack of 10 Jumper Wires Standard 7" M/M Pack of 30 1500 mAh Alkaline Battery - AA	1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 11.46 \$ 11.46 \$ 45.00 \$ 9.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 40.00 \$ 9.95 \$ 1.95 \$ 1.	0% 10% 0% 0% 10% 10% 10% 10% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.02 \$ 0.23 \$ 0.24 \$ 0.32 \$ 0.32 \$ 0.45 \$ 0.45	\$ 0.86 \$ 24.36 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81 \$ 45.00 \$ 9.95 \$ 3.90 \$ 8.00 \$ 9.05 \$ 0.14 \$ 0.23 \$ 0.41 \$ 0.23 \$ 7.11 \$ 4.46 \$ 3.60	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Adafruit Adafruit ApparkFun SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-29094024 http://octopart.com/65-adafruit+industries-25729769 http://octopart.com/of-adafruit-industries-29094024 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/ce-aleks100-panasonic+-ecg-210015
card Power Supply Cro-HDMI Cable Perret Cable Barrel Jack Plug Wall Power Supply ultimeter Lisc Total Libsitutions Libsitu	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom Y0Yo 40P dupont cable 200mm male to female Diode rectifier 1N4001 Capacitor Ceramic 0.1uF Capacitor Electrolytic 10uF Capacitor Electrolytic 10uF Jumper Wires Standard 7" M/M Pack of 10 Jumper Wires Standard 7" M/M Pack of 30 1500 mAh Alkaline Battery - AA Turnigy 1000mAh 3S 25C Lipoly Battery	7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 11.46 \$ 11.46 \$ 25 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 5.69 \$ 0.15 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.35 \$	0% 10% 0% 0% 10% 0% 10% 10% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.55 \$ 0.68 \$ 1.46 \$ 10.31 \$ 10.31 \$ 10.31 \$ 10.31	\$ 0.86 \$ 24.36 \$ 5.36 \$ 6.95 \$ 1.45 \$ 1.46 \$ 10.31 \$ 32.81 \$ 14.95 \$ 45.00 \$ 9.95 \$ 45.00 \$ 9.95 \$ 3.90 \$ 0.14 \$ 0.32 \$ 0.14 \$ 0.32 \$ 0.14 \$ 0.35 \$ 0.41 \$ 0.35 \$ 0.42 \$ 0.35 \$ 0.45 \$ 0.45	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Amazon SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-29094024 http://octopart.com/65-adafruit+industries-25729769 http://octopart.com/of-adafruit-industries-29094024 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/ce-aleks100-panasonic+-ecg-210015
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Isc. Card Power Supply Cro-HDMI Cable hernet Cable Barrel Jack Plug Wall Power Supply ultimeter Ilisc Total Jbsitutions assis Kit icoprocessor Power Supply Barrel Jack eadboard mper Wires M/F ode pacitor pacitor pacitor pacitor mper wires M/M mper Wires M/M mper Wires M/M tteris no Battery ttery Connector no Charger	Sandisk 4GB MicroSDHC Memory Card with SD Adapter Wall Adapter Power Supply - 5V DC 1A Micro-HDMI to HDMI Socket Adapter Cable CATS 3 ft DC Barrel Jack Plug - Male Wall Adapter Power Supply - 12VDC 1A Digital Multimeter Magician Chassis BeagleBone Black SV 2A (2000mA) switching power supply 2.1mm DC Barrel Jack to Alligator Clips Tiny breadboard Phantom Y0Yo 40P dupont cable 200mm male to female Diode rectifier 1N4001 Capacitor Ceramic 0.1uF Capacitor Electrolytic 10uF Capacitor Electrolytic 10uF Jumper Wires Standard 7" M/M Pack of 10 Jumper Wires Standard 7" M/M Pack of 30 1500 mAh Alkaline Battery - AA Turnigy 1000mAh 3S 25C Lipoly Battery	7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6.50 \$ 5.95 \$ 6.95 \$ 1.55 \$ 0.76 \$ 11.46 \$ 11.46 \$ 25 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 5.69 \$ 0.15 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.35 \$	0% 10% 0% 0% 10% 0% 10% 10% 10% 10% 10%	\$ 0.86 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 14.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 45.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 4.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 1.95 \$ 4.00 \$ 9.95 \$ 1.95 \$	\$ 0.86 \$ 24.36 \$ 24.36 \$ 6.50 \$ 5.36 \$ 6.95 \$ 1.46 \$ 10.31 \$ 32.81 \$ 32.81 \$ 14.95 \$ 45.00 \$ 9.95 \$ 3.90 \$ 8.00 \$ 0.14 \$ 0.23 \$ 7.11 \$ 0.43 \$ 7.11 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.45 \$ 0.46 \$ 0.46 \$ 0.46 \$ 0.46 \$ 1.25	SparkFun Amazon SparkFun Adafruit Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Amazon SparkFun Adafruit Adafruit Adafruit Adafruit Amazon SparkFun	http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1358-adafruit+industries-32978384 http://octopart.com/1328-adafruit+industries-32978357 http://octopart.com/bb-bblk-000-circuitco+electronics-26478322 http://octopart.com/276-adafruit+industries-29094024 http://octopart.com/1328-adafruit+industries-29094024 http://octopart.com/65-adafruit+industries-25729769 http://octopart.com/of-adafruit-industries-29094024 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/of-adafruit-industries-2729769 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/c320c104m5u5ta-kemet-97644 http://octopart.com/ce-aleks100-panasonic+-ecg-210015