

ITEM	PART NUMBER	MFG OR URL	DESCRIPTION	QTY	UNIT COST	EXTENDED COST	NOTES	BG INV
	1 Y11-2800069A	JLPCPB	Animatronic Mouth PCB	1	\$2.33	\$2.33	total of 10 boards on order	0
	2 Photon	Particle	Particle Photon 1	1	\$20.00	\$20.00	I also have 5 non-P versions -- slightly higher power but they work fine.	0
	12 position female pin 3 header	https://www.amazon.com/Chanzon-Straight-Connector-Breadboard-Electronic/dp/B09MYKK2LV/ref=sr_1_4?crid=36EBOGALE3KUR&dib=eyJ2ljojMSJ9.6vFH90K4H4yfSYjknjxnRYEE9crsHyvb23IP-20ZdZeSVpxvLQWY8b1HdikOeQXo56bN5OvMTJjQLFRWxnOPZgaVZfYDwrfyCHepdl4O8RvL-rjoj43uc4O9xBdr-1Hb4tNB14Tawv0GX3YywN8-H7Nls2inTW9yNwj-L23P9FFmD5l5ra8m0XVdx2YJUGXv07NFIGx5vGHZk7ZFUFYhaRYK8cK1jigX4Dxtf1rs.0LHubsUPH67owTL6byUosg1liVrwnCu3ehRr6-jXavk&dib_tag=se&keywords=12%2Bpin%2Bfemale%2Bheader&qid=1744849629&srefix=12%2Bpin%2Bfemale%2Bheader%2CCaps%2CC258&sr=8-4&th=1	12 pin female header, pcb mount	2	\$0.50	\$1.00	URL is for 10 pcs	
	4 74HCT125N	https://www.digikkey.com/en/products/detail/texas-instruments/SN74HCT125N/376860	Quad Tristate driver, TTL level, non-inv.	1	\$0.63	\$0.63		
	5 Socket, 14 pin	https://www.amazon.com/uxcell-2-54mm-Soldering-Socket-Adaptor/dp/B07H3WQYRQ/ref=sr_1_3?crid=1MOWU630B2XJ&dib=eyJ2ljojMSJ9.94T419q23OG5Sb46EAL-aU3pVoE1LwHUuFkKhaxR6vCGmxijUaRkusNRUKvnlA-VRir2UGHYDCarszrOfuImSiIf-ttBcoGowjmH3BneBflw08VRZCU3p-qd1gH5IP2fksUx-Th7oCV-gRJOAKPr0ZbPxcMwBgcvB7RXs0kBuCuzddkaqe6pv aMmh19lpAqmxtdK9S_RUCmzYH04kl61MlibpgspTph-IE0pbwvUj.icjYUkQsbgvTHvpMFriUBUUr-fxbnpt2abpGHPsOCUZE&dib_tag=se&keywords=14+pin+DIP+socket&qid=1744761619&srefix=14+pin+dip+socket%2CCaps%2CC251&sr=8-3	14 pin DIP socket	1	\$0.17	\$0.17	URL is for 40 pcs	10
	6 Mini MP3 player	https://www.amazon.com/dp/B08V8G1TQZ?ref=ppx_yo2ov_dt_b_fed_asin_title&th=1	DF Player mini MP3 Player Module	1	\$2.25	\$2.25	URL is for 4 pcs	3
	7 8 pin female pin header	https://www.amazon.com/Yohii-Female-Headers-2-54mm-Single/dp/B07PLBC2GT/ref=sr_1_3?crid=2N8YL49EMN2JE&dib=eyJ2ljojMSJ9.RKSsH4_CVBKPGbBam6kB5ALn7GxSpyurLsKLO7Mo0innP73WNRrW2urV9aZzf7R9ZNpbpXsr85012Vc7eYjePs6cmqFkM2PMgXwEQRTLH4drl8LmCiv1xsj0kDyehfGPwldw5KbTmYkq_ICdTDcA-HBCNLd7zU0Mqh03WsxYAuKVKsJSilwjlBN54N4fh271Eliu8QTKFcZrYUSP6mGxgcu18z2ChFMa90qnrw0FBo.8B8mIDOUBwwXZoe55-ZnuPGGpWiwA5H8nYQyi1KOhc8&dib_tag=se&keywords=8+pin+female+header&qid=1744849451&srefix=8+pin+female+header%2CCaps%2C191&sr=8-3	8 pin female pin headers, pcb mount	2	\$0.16	\$0.32	URL is for 50 pcs	8
	8 terminal block, 2 pin	https://www.adafruit.com/product/724	2 pin, 3.5 mm terminal block	1	\$0.59	\$0.59	URL is for 5 pcs	7
	9 micro SD card	https://www.amazon.com/dp/B07Z7V34RG?ref=ppx_yo2ov_dt_b_fed_asin_title&th=1	micro SD card, 32 Gbyte	1	\$5.00	\$5.00	URL is for 2 pcs	1
	10 USB PCB connector	https://www.amazon.com/Female-Type-B-4-Pin-Socket-MXRS/dp/B07F6L1DHR/ref=sr_1_3?crid=O2CGSA259GO&dib=eyJ2ljojMSJ9.UC7zdrU0s1MvRMYo2jIZpQ8ndfhJGFRMBFbUs87yEr7LKYe7UbBf1seDni_MvrVcyTw-9miF5pKvzrcHB7JTNxwDf6Ug8oI5UrxFIZORXRy44IJmPznzqloNWZEGh5lZ5Lm7lxRCbhtA4C578Rjmqhd1FhxZufS9W6QNzNwdx5at9zRGtAC9LbLapVVh6aUHk_yPMOfIRS-Ys3h8Zh30r0QwBJ6kevaZjq76z2iM_gu4h8SD0NV0N9hxFTAnyBAFUr6PbOVRXyHntJ6-O4fM&dib_tag=se&keywords=USB+B+connector&qid=1744848348&srefix=usb+b+connector%2CCaps%2C182&sr=8-3	breakable male pin header, 40 pins, 2.54 mm	1	\$0.60	\$0.60	URL is for 10 pcs	22
	11 male pin header	https://www.amazon.com/dp/B07R5QDL8D?ref=ppx_yo2ov_dt_b_fed_asin_title	male pin header, 40 pins, 2.54 mm	1	\$0.27	\$0.27	URL is for 20 strips, 40 pins each	10

	https://www.amazon.com/QMseller-PJ-307-Stereo-Headphone-Connector/dp/B07XX8YGDx/ref=sr_1_24?crid=1APTJIAI5HFOT&dlib=eyJ2ljoIAMSj9.jyriVzJPnTDhqX2STme6uA_dthwF6uQ28zic01PMUT0b6nyB8t0ZPMez42Cc6qfBAPIAPGcKlcNDKYjGiLjFdU8Zhp3gzSxwoZ4TuOcSbyPnUjGv3qIB3Ldf0BhFcEYV9HWrrRWq2RLt-xh2Bhr0KDYnJfNmVEMup6FYyU04Mj-y5aITX3O8-5C980IS0rSwliHBMXIKisSQkji5szlMPstmLm0cE6G85GdWI76Y.zUOz_4yxXi8yhPk_E036cwEk9LnMk0hWCvOAuHy8xsM&dlib_tag=se&keywords=phono+jack+pcb+connector&qid=1744849128&srefix=phono+jack+pcb+connector%2Caps%2C174&sr=8-24&xpid=PEOrZotcPMnsB	PJ-307 3.5mm Stereo Jack Socket 5 Pin PCB Mount Female Audio Headphone Socket Connector	1	\$0.47	\$0.47	URL is for 15 pcs	3
12 Phono jack PCB connector							
13 Loadspeaker	https://www.adafruit.com/product/1313		1	\$1.95	\$1.95		2
	https://www.amazon.com/Diode-Lights-120Pcs-Emitting-Assorted/dp/B0BY28JTFc/ref=sr_1_3?crid=2B2NHOX87I7YB&dlib=eyJ2ljoIAMSj9.8WP1nVzJPzDGt7SNo1R80SaHOSEvImMOirUDrT-EwgddgNGQo4l_sllb-NFi8uv2Dh1srICfxzBWHq1kvGX4tpEbnjZXDxZiU8eeVkp-s4ikE12tjY0yF9U90AnTv6m9tkKwqCMe8F2cgYOqu5T5sBXjVYDNlY-SFkwTYLq-vDdHWdIT6CYg4kvRYuNBczLL-cU0hRjYm3nSuWYLFttlyTpxvkG3-yLnN6QtUinsVpc.4ApmabSVR-ZXiWQNI7db_pofeoIZTKj5VvqVkJDeO-vY&dlib_tag=se&keywords=red%2Bled%2B3mm&qid=1744762661&srefix=red%2Bled%2B3mm%2Caps%2C200&sr=8-3&th=1	Red LED, 3 mm Green backlit pushbutton switch, panel mount	1	\$0.04	\$0.04	URL is for 120 pcs	20
14 Red LED			1	\$0.04	\$0.04		
15 Backlit pushbutton	https://www.adafruit.com/product/1440		1	\$1.50	\$1.50		3
	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/CF14JT470R/1741440	Resistor, 470 ohm, 1/4 watt	2	\$0.10	\$0.20		30
16 Resistor, 470 ohm							
	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/CF14JT4K70/1741428	Resistor, 4.7Kohm, 1/4/watt	4	\$0.10	\$0.40		100
17 Resistor, 4.7 Kohm			4	\$0.10	\$0.40		
	https://www.digikey.com/en/products/detail/rubicon/35YXJ100M6-3X11/3563127	100 uF electrolytic capacitor, 10 volt	1	\$0.20	\$0.20		20
18 capacitor, 100 uF			1	\$0.20	\$0.20		
19 capacitor, 0.1 uF	https://www.adafruit.com/product/753	0.1 uF ceramic capacitor, PCB	8	\$0.20	\$1.60	URL is for 10 pcs	11
TOTAL =					\$39.51		
MISC MOUNTING HARDWARE FOR ENCLOSURE							
20 Screw; 6-32 x 1/2"			4		\$0.00		
21 Nut; 6-32			4		\$0.00		
22 Screw; 4-40 x 1/4"			8		\$0.00		
23 Nut; 4-40			4		\$0.00		
24 Threaded standoff, 4-40 x 1-3/4"			4		\$0.00		
25 Enclosure, custom			1		\$0.00		