ITEM	PART NUMBER	MFG OR URL	DESCRIPTION	QTY	UNIT COST	EXTENDED COST	NOTES
1	Y11-2800069A	JLCPCB	Animatronic Mouth PCB	1	$2.33	$2.33	total of 10 boards on order
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.
3	12 position female pin header	https://www.amazon.com/Chanzon-Straight-Connector-Breadboard-Electronic/dp/B09MYKK2LV/ref=sr_1_4?crid=36EBOGALE3KUR&dib=eyJ2IjoiMSJ9.6vFH90K4H4yfSYjknjxnRYEE9crsHyvb23IP-20ZdZeSVpxvLQWY8b1HdikOeQXo55bN5OvMTJjQLFRWxnOPZgaVZfYDvwrfyCHepdl4O8RvL-rjoj43uc4O9xBdr-1iHb4tNBl4Tawv0GX3YywN8-H7Nls2inTW9yNwj-L23P9FFmD5l5ra8m0XVdx2YJUGXv07NFlGx5vGHzk7ZFUFrYhaRYK8cK1jigX4Dxft1rs.0LHUbsUPH67owTL6byUosg1liVrwncu3ehRr6-jXavk&dib_tag=se&keywords=12%2Bpin%2Bfemale%2Bheader&qid=1744849629&sprefix=12%2Bpin%2Bfemale%2Bheader%2Caps%2C258&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.digikey.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=1MOWU630B2XJJ&dib=eyJ2IjoiMSJ9.94T419qr23OG5Sb46EAL-aU3pVoE1LwHUuFkKhaxR6vCGmxljUArKusNRUKvnlA-VRif2UGHYDCarszrOfulmSilF-ftBcoGowjmH3BneBflw08VRZCU3p-qD1gH5IPZfksUx-Th7oCV-gRJOAkPr0ZbPxcMwBGcvB7RXs0kBuCuzddkaqe6pvaMmh19ilpAqmxtK9S_RUCmzYH04kl61Mlibgpgsp Tph-lE0pbnwvU.icjyUkQsbgvTHvpMFriUBUr-fxbnpt2abpGHPsOCUZE&dib_tag=se&keywords=14+pin+DIP+socket&qid=1744761619&sprefix=14+pin+dip+socket%2Caps%2C251&sr=8-3	14 pin DIP socket	1	$0.17	$0.17	URL is for 40 pcs
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

#	Item	URL	Description	Qty	Unit Price	Total	Notes
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=eyJ2IjoiMSJ9.RKSsH4_CVBKPgBam6kB5ALn7GxSpyurLsKLO7Mo0innP73vNRrW2urV9aZzf7R9ZNpbpXsr85012Vc7eYjePs6cmqFkM2PMgXwEQRTHL4drI8LmCivl1xsj0kDyehfGPwIdw5KbTMyKq_ICdTDcA-HBCNLd7zU0Mqh03WsxYAuKVKsJSIlvwjlBN54N4fh271EIu8QTKFcZrYUSP6mGxgcui8z2ChFMa90gqnrw0FBo.8B6mlDOUBwwXZoe55-ZnuPGGpWiwA5H8nYQyi1kOhc8&dib_tag=se&keywords=8+pin+female+header&qid=1744849451&sprefix=8+pin+female+header%2Caps%2C191&sr=8-3	8 pin female pin headers, pcb mount	2	$0.16	$0.32	URL is for 50 pcs
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
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
10	USB PCB connector	https://www.amazon.com/Female-Type-B-4-Pin-Socket-MXRS/dp/B07F6L1DHR/ref=sr_1_3?crid=O2CGSA259GO&dib=eyJ2IjoiMSJ9.UC7zdrrU0s1MvRMYo2jlZpQ8ndfhJGFRMBFbUs87yEr7LKYe7UbBf1seDni_MvrVcyTw-9mF5pKvzrcHB7jTNxwDf6Ug8ol5UrxFIZORXRy44IUmPznzqloNWZEGh5lIZ5Lm7IxRCbhTa4C578RJmqhd1FhxZufS9W6QNzNwdx5at9zRGtAC9LbRLapVVh6aUHk_vPMOfIRS-Ys3h8Zh30r0QwBJ6kevaZjq76z2iM.gu4h8SD0NV0N9hxFtAnyBAFUr6PbOVRXyHhtJ6-O4fM&dib_tag=se&keywords=USB+B+connector&qid=1744848348&sprefix=usb+b+connector%2Caps%2C182&sr=8-3		1	$0.60	$0.60	URL is for 10 pcs
11	male pin header	https://www.amazon.com/dp/B07R5QDL8D?ref=ppx_yo2ov_dt_b_fed_asin_title	breakable male pin header, 40 pins, 2.54 mm	1	$0.27	$0.27	URL is for 20 strips, 40 pins each

12	Phono jack PCB connector	https://www.amazon.com/QMseller-PJ-307-Stereo-Headphone-Connector/dp/B07XX8YGDX/ref=sr_1_24?crid=1APTIJAI5HF0T&dib=eyJ2IjoiMSJ9.jyriVzJPnTDhqX2STme6uA_dthwF6uQ28zic01PMUT0b6nyB8t0ZPMez42Cc6qfBAPIlAPGckIcNDKYjGiLjFdU8Zhp3gzSxwoZ4TuOcSbyPnUJGv3qlB3Ldf0BhFcEYV9HWrRRWq2RLt-xh2Bhr0KDYnJfNmVEMup6FYyuT04Mj-y5aITX3O8-5C980IS0rSwliHBMXJKisSQkjki5szlMPstmLm0cE6G85GdWI76Y.zUOz_4yxXi8yhPk_E036cwEk9LnMk0hWCvOAuHy8xsM&dib_tag=se&keywords=phono+jack+pcb+connector&qid=1744849128&sprefix=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
13	Loadspeaker	https://www.adafruit.com/product/1313		1	$1.95	$1.95
14	Red LED	https://www.amazon.com/Diode-Lights-120Pcs-Emitting-Assorted/dp/B0BY28JTFC/ref=sr_1_3?crid=2B2NHOX87I7YB&dib=eyJ2IjoiMSJ9.8WP1nVzJPzDGl7SNo1R80SaHOSEvlmMOirUDrT-EwgddgNGQo4l_sllb-NFi8uv2Dh1srICfXzBWHq1kvGX4tpEbnjZXDxZiU8eeVkp-s4ikE12tjY0yF9U90AnTv6m9tKwqCMe8F2cgYOqu5T5sBXjVYDNlY-SFkwtYLq-vDdHWdlT6CYg4kvRYuNBcZLl-cU0hRjYm3nSuWYLFPttlyTpxvkG3-yLnN6QtUinsVpc.4ApmabSVR-ZXlwQNI7db_pofeolZTkJ5VvqVkDeO-vY&dib_tag=se&keywords=red%2Bled%2B3mm&qid=1744762661&sprefix=red%2Bled%2B3mm%2Caps%2C200&sr=8-3&th=1	Red LED, 3 mm	1	$0.04	$0.04 URL is for 120 pcs
15	Backlit pushbutton	https://www.adafruit.com/product/1440	Green backlit pushbutton switch, panel mount	1	$1.50	$1.50
16	Resistor, 470 ohm	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/CF14JT470R/1741440	Resistor, 470 ohm, 1/4 watt	2	$0.10	$0.20
17	Resistor, 4.7 Kohm	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/CF14JT4K70/1741428	Resistor, 4.7Kohm, 1/4/watt	4	$0.10	$0.40
18	capacitor, 100 uF	https://www.digikey.com/en/products/detail/rubycon/35YXJ100M6-3X11/3563127	100 uF electrolytic capacitor, 10 volt	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

	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