

Sheet1

For production run of 25 units

Function	Qty	Unit Price	Extended Price	Part #
JST Header	50	0.55	27.50	S2B-PH-SM4-TB(LF)(SN)
LED, 10 pack	30	5.95	178.50	2759, SK6812RGBW
Processor	25	1.07	26.75	ATTINY85-20SU-ND
DC Power Switch	25	0.56	14.00	JS102011SAQN
Button	25	0.37	9.25	EVQ-P7C01P
Battery 400mAh	25	4.95	123.75	PRT-13851
Speaker 8ohm	25	2.49	62.25	SP-4005-1
Audio Amp	25	0.79	19.75	TPA6211A1DGNR
Battery Charge Chip	25	0.48	12.00	MCP73832T-2ACI/OT
Program Header 2x4	25	1.17	29.25	M20-7810445
USB Micro Header	25	0.38	9.50	10118193-0001LF
3.9k Ohms	100	0.0085	0.85	RMCF0805JT3K90
27k Ohms	100	0.0085	0.85	RMCF0805JT27K0
4.7 uF, ~4 micro	100	0.044	4.40	CL21A475KQFNNNG
4.7 nF, ~4 nano	100	0.0238	2.38	CL21B472KBANNNC
1 uF, 1 micro	100	0.0352	3.52	CL21B105KAFNNNE
100 nF, nano	100	0.0558	5.58	CC0805KRX7R9BB104
47 uF, ~40 micro	25	0.339	8.48	GRM21BC80G476ME15L
Unit Cost			21.54	
Total Price			538.56	

Sheet1

URL

<https://www.digikey.com/product-detail/en/jst-sales-america-inc/S2B-PH-SM4-TB-LF-SN/455-1749-1-ND/455-1749-1-ND>
<https://www.digikey.com/product-detail/en/adafruit-industries-llc/2759/1528-1710-ND/6134707>
<https://www.digikey.com/product-detail/en/ATTINY85-20SU/ATTINY85-20SU-ND/735470>
<https://www.digikey.com/product-detail/en/JS102011SAQN/401-1999-1-ND/1640114>
<https://www.digikey.com/product-detail/en/EVQ-P7C01P/P16765CT-ND/4429458>
<https://www.digikey.com/product-detail/en/PRT-13851/1568-1493-ND/6605199>
<https://www.digikey.com/product-detail/en/SP-4005-1/433-1152-ND/6562951>
<https://www.digikey.com/product-detail/en/TPA6211A1DGNR/296-26889-1-ND/2255205>
<https://www.digikey.com/product-detail/en/microchip-technology/MCP73832T-2ACI-OT/MCP73832T-2ACI-OT-ND/2255205>
<https://www.digikey.com/product-detail/en/M20-7810445/952-3209-ND/6564945>
<https://www.digikey.com/product-detail/en/10118193-0001LF/609-4616-1-ND/2785380>
<https://www.digikey.com/product-detail/en/stackpole-electronics-inc/RMCF0805JT3K90/RMCF0805JT3K90-ND/2785380>
<https://www.digikey.com/product-detail/en/stackpole-electronics-inc/RMCF0805JT27K0/RMCF0805JT27K0-ND/2785380>
<https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL21A475KQFNNNG/1276-6-ND/1276-6-ND>
<https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL21B472KBANNNC/1276-11-ND/1276-11-ND>
<https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL21B105KAFNNNE/1276-1C-ND/1276-1C-ND>
<https://www.digikey.com/product-detail/en/yageo/CC0805KRX7R9BB104/311-1140-1-ND/303050>
<https://www.digikey.com/product-detail/en/murata-electronics-north-america/GRM21BC80G476ME15>

ND/926846

2ACI-OTCT-ND/1979805

13K90CT-ND/1942569

127K0CT-ND/1942583

465-1-ND/5958093

155-1-ND/3889241

066-1-ND/3889152

L/490-9954-1-ND/5026421