

Sr.No	Comment	Designator	Footprint	Quantity
1	CR1220 Battery TAB	BckBat1	CR1220 BatteryHolder	1
2	CR1220 Battery			1
3	0.01uF	C1	Through Hole	1
4	1uF	C2	Through Hole	1
5	0.047uF	C3	Through Hole	1
6	0.47uF	C4	Through Hole	1
7	10uF	C5	Through Hole	1
8	4.7uF	C6, C7	0805 SMD CAP	2
9	10uF	C8	0805 SMD CAP	1
10	0.047uF	C9	0805 SMD CAP	1
11	1N4148	D1	Through Hole	1
12	SD103CW	D2	SOD-123	1
13	Audio Input	J1	2PIN BERG HDR	1
14	CONN,HDR,BERG,2P	J2	2PIN BERG HDR	1
15	INPUT	J3	2PIN BERG HDR	1
16	4.7uH	L1	744031004 , Inductor SMD	1
17	LED-1	LD1, LD2, LD3, LD4, LD5, LD6	LED5MM (Red,Green,Blue)	2 each
18	LED RED	LD7	0805 SMD Led	1
19	LED-GRN	LD8	806 SMD Led	1
20	Battery Connector	P1	Keystone 18650 SMT Battery Holder	1
21	2N3906	Q1, Q2, Q3	TO92-TR-2222	3
22	2N3904	Q4	TO92-TR-2222	1
23	10K	R1, R8	Through Hole	2
24	1K	R2, R3	Through Hole	2
25	2.2K	R4, R5, R6, R9	Through Hole	4
26	100	R7, R10	Through Hole	2
27	470E	R11	0805 SMD Res	1
28	4.7k	R12	0805 SMD Res	1
29	330E	R13	0805 SMD Res	1
30	1.1M	R14	0805 SMD Res	1
31	100k	R15	0805 SMD Res	1
32	Push Switch Tactile Type		For Play/Pause	1
33	Push Switch Self Locking	SW1	2PIN BERG HDR	1
34	Teensy 3.2	T1	Teensy 3.2	1
35	MCP73832T	U1	SOT-23	1
36	TPS61220	U2	SOT-23	1
37	SD Card		8Gb	1
38	Teensy Audio Adapter			1
39	M3 Screws			1
40	18650 2.5Ah Battery			1
41	Crystal 32.768kHz		Through Hole	1

Links

<https://www.digikey.in/en/products/detail/keystone-electronics/1056TR/2746328>

<https://www.digikey.com/en/products/detail/panasonic-bsg/CR1220/269740>

<https://www.digikey.in/en/products/detail/keystone-electronics/1042P/4286267>

<https://www.digikey.com.au/en/products/detail/e-switch/TL2230EEF140/4029358>

<https://www.digikey.in/en/products/detail/sparkfun-electronics/DEV-13736/5721426>

<https://www.digikey.in/en/products/detail/texas-instruments/TPS61220DCKT/2003232>

<https://www.digikey.in/en/products/detail/adafruit-industries-llc/1780/7241465>

<https://www.digikey.in/en/products/detail/abracon-llc/AB26TRB-32-768KHZ-T/675228>