DEF CON 30 Badge BOM						
Top Side						
Item	**Qty**	**Reference**	**Value**	**Manufacturer**	**Manuf. Part #**	**Link**
1	2	C1, C2,	10p	Walsin Technology Corporation	0603N100J500CT	https://www.digikey.com/en/products/detail/walsin-technology-corporation/0603N100J500CT/9354968
2	22	C3, C4, C5, C7, C9, C10, C12, C13	0.1uF	Samsung Electro-Mechanics	CL10B104KB8NNWC	https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10B104KB8NNWC/3887593
3	6	C6, C8, C18, C21, C22, C26,	1uF	Samsung Electro-Mechanics	CL10A105KQ8NNNC	https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10A105KQ8NNNC/3886694
4	2	C11, C15,	10uF	Samsung Electro-Mechanics	CL10A106MQ8NNNC	https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10A106MQ8NNNC/3886777
5	2	C24, C25,	2.2uF	Samsung Electro-Mechanics	CL10A225KQ8NNNC	https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10A225KQ8NNNC/3886841
6	2	D1, D2,	LED_ARGB	Broadcom Limited	ASMB-KTF0-0A306	https://www.digikey.com/en/products/detail/broadcom-limited/ASMB-KTF0-0A306/7915692
7	0	J1,	DNP			
8	1	J2,	USB_B_Micro	Amphenol ICC (FCI)	10118192-0002LF	https://www.digikey.com/en/products/detail/amphenol-icc-fci/10118192-0002LF/6817756
9	1	J3,	AudioJack3_SwitchIsolated	Tensility International Corp	54-00178	https://www.digikey.com/en/products/detail/tensility-international-corp/54-00178/12140149
10	0	J4,	DNP	Sullins Connector Solutions	SFH11-NBPC-D03-ST-BK	https://www.digikey.com/en/products/detail/sullins-connector-solutions/SFH11-NBPC-D03-ST-BK/4558818
11	1	J5,	SJ-3524-SMT	CUI Devices	SJ-3524-SMT-TR	https://www.digikey.com/en/products/detail/cui-devices/SJ-3524-SMT-TR/281298
12	1	MK1,	SPW2430HR5H-B	Knowles	SPW2430HR5H-B	https://www.digikey.com/en/products/detail/knowles/SPW2430HR5H-B/5052768
13	0	R1,	DNP			
14	5	R2, R3, R10, R11, R24,	1k	Stackpole Electronics Inc	RMCF0603FT1K00	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF0603FT1K00/1761077
15	2	R4, R5,	27	Stackpole Electronics Inc	RMCF0603FT27R0	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF0603FT27R0/1760818
16	5	R6, R7, R8, R25, R26,	100	Stackpole Electronics Inc	RMCF0603FT100R	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF0603FT100R/1761113
17	5	R9, R13, R18, R19, R22,	20k	Stackpole Electronics Inc	RMCF0603FT20K0	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF0603FT20K0/1760829
18	7	R12, R14, R15, R16, R17, R20, R2	100k	Stackpole Electronics Inc	RMCF0603FT100K	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF0603FT100K/1761112
19	1	R21,	560k	Stackpole Electronics Inc	RMCF0603FT560K	https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF0603FT560K/1714130
20	1	SW1,	SW_SPDT	C&K	JS202011JAQN	https://www.digikey.com/en/products/detail/c-k/JS202011JAQN/6137629
21	6	SW2, SW3, SW4, SW5, SW6, SW7	SW_Push	aliexpress	6*6*6 Tact Switch	https://www.aliexpress.us/item/2255800305685468.html?
22	1	U1,	W25Q16JVSNIQ	Winbond Electronics	W25Q16JVSNIQ	https://www.digikey.com/en/products/detail/winbond-electronics/W25Q16JVSNIQ/6193768
23	1	U2,	RP2040	Raspberry Pi	SC0914(13)	https://www.digikey.com/en/products/detail/raspberry-pi/SC0914-13/14306010
24	1	U3,	NCP115ASN330T2G	onsemi	NCP115ASN330T2G	https://www.mouser.com/ProductDetail/863-NCP115ASN330T2G
25	1	U4,	NCP2990	onsemi	NCP2990FCT2G	https://www.digikey.com/en/products/detail/onsemi/NCP2990FCT2G/1792463
26	1	U5,	SFV20R-2STE1HLF	Amphenol ICC (FCI)	SFV20R-2STE1HLF	https://www.digikey.com/en/products/detail/amphenol-icc-fci/SFV20R-2STE1HLF/2626738
27	1	U6,	TLR342F	Rohm Semiconductor	TLR342F-GE2	https://www.digikey.com/en/products/detail/rohm-semiconductor/TLR342F-GE2/7896247
28	1	Y1,	ABLS-12.000MHZ-B4-T	Suntsu Electronics, Inc.	SXT22410DD07-12.000M	https://www.digikey.com/en/products/detail/suntsu-electronics-inc/SXT22410DD07-12-000MT/12245973
Bottom Side						
Item	**Qty**	**Reference**	**Value**	**Manufacturer**	**Manuf. Part #**	**Link**
1	1	BT1	3xAAA Battery Holder	Keystone Electronics	2479	https://www.digikey.com/en/products/detail/keystone-electronics/2479/303824
Other Parts						
Item	**Qty**	**Reference**	**Value**	**Manufacturer**	**Manuf. Part #**	**Link**
1	1	SPK1	Speaker 11x15mm	aliexpress	14	https://www.aliexpress.us/item/2251832638074076.html?
1	1	OLED	OLED 128x64	Liyuan Electronics Co.,Ltd	LX096WG20C5-128064C	https://www.alibaba.com/product-detail/128-64-Dot-Matrix-Oled-0_60252351643.html?