

DEF CON 24 Darknet Badge Bill of Materials					
Description	Source	Part Number	Qty	Data Sheet	Notes
PCB Base 2 layer board of 1.90x3.30 inches	OSH Park	n/a	1		https://oshpark.com/shared_projects/rc4dt9Ey
PCB Shield 2 layer board of 1.90x2.69 inches	OSH Park	n/a	1		https://oshpark.com/shared_projects/bU89Jvg2
ST-Linkv2	Aliexpress		1		http://www.aliexpress.com/item/FREE-SHIPPING
STM32F103C8T6 ARM STM32 Minimum System Development Board Module For Arduin	Aliexpress		1	http://www.st.com/content/ccc/res	http://www.aliexpress.com/item/1pcs-STM32F10
5Pcs 0.96 Inch 4Pin White IIC I2C OLED Display Module 12864 LED For Arduino	Aliexpress		1		http://www.aliexpress.com/item/5pcs-0-96-white-
RFM69HCW 915Mhz +20dBm HopeRF Wireless Transceiver (RFM69HCW-915S2)	HopeRF	RFM69HCW-915S2	1	http://www.hoperf.com/upload/rf/	http://www.hoperf.com/rf_transceiver/modules/R
OSRAM LED YELLOW CLEAR 2SMD 267.5mcd 2V 20mA (cut tape) see notes below	Digikey	LY T776-S1T1-26-Z	16	http://www.osram-os.com/Graphi	
Tactile Switches 7.8mm square tact	Digikey	679-2452-ND	13	http://www.apem.com/files/apem/	
RES SMD 47 OHM 5% 1/8W 0805	Digikey	RMCF0805JT47R0C	4	https://www.seielect.com/Catalog	
Schottky Diodes & Rectifiers 10A 45V Dual TrenchMOS	Mouser	VIT1045C-M3/4W	1		
Keystone Electronics AAA Cylindrical Battery Contact	Mouser	534-082	6	http://www.mouser.com/ds/2/215/	
AAA Battery	Mouser	LR03XWA/B2	2	http://www.mouser.com/ds/2/315/	
Vishay IR Receiver Module 2.5-5.5V 38kHz 45Deg	Mouser	TSOP2438	1	http://www.mouser.com/ds/2/427/	
Vishay IR LED 950nm 5mm 25mW 25 Deg	Mouser	TSAL6400	1	http://www.mouser.com/ds/2/427/	
LED 5MM Green	taydaelectronics.com	A-1553	1		
56 OHM 1/4W 5% CARBON FILM RESISTOR	taydaelectronics.com	A-2090	2		
10K OHM 1/4W 5% CARBON FILM RESISTOR	taydaelectronics.com	A-2115	2		
1x40 Pin 2.54 mm Single Row Pin Header Strip	taydaelectronics.com	A-197	1		
1x40 Pin 2.54 mm Single Row Female Header Strip	taydaelectronics.com	A-196	1		