MAKEITHACKIN DC29 BADGE LAYOUT AND BILL OF MATERIALS
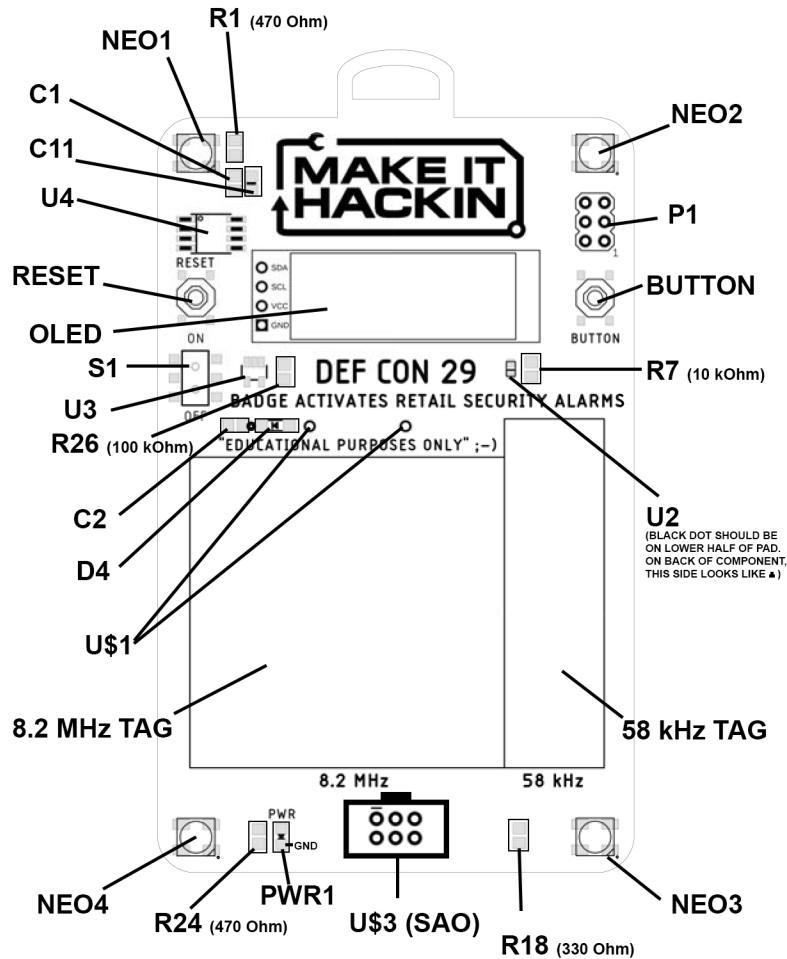
PART	DESCRIPTION	NOTES
NEO1	WS2812 LED	POLARITY MARK IN LOWER RIGHT CORNER (GROUND)
NEO2	WS2812 LED	POLARITY MARK IN LOWER RIGHT CORNER (GROUND)
NEO3	WS2812 LED	POLARITY MARK IN LOWER RIGHT CORNER (GROUND)
NEO4	WS2812 LED	POLARITY MARK IN LOWER RIGHT CORNER (GROUND)
U4	ATTINY85	PRE-PROGRAMMED. POLARITY MARK UPPER LEFT CORNER
OLED	128x32 DISPLAY	TAKE CARE TO MOUNT SQUARE
RESET	BUTTON TO RESET BOARD	NO POLARITY
BUTTON	BUTTON FOR MENUS	NO POLARITY
S1	ON/OFF SWITH	NO POLARITY
P1	PROGRAMMING PORT	IN CIRCUIT SERIAL PROGRAMMER. GROUND IN UPPER LEFT POSITION
U$3	SHI**Y ADD-ON PORT	BUMP GOES UP
C1	CAPACITOR 10uF	NO POLARITY
C2	CAPACITOR 10uF	NO POLARITY
C11	CAPACITOR 1uF	NO POLARITY
R1	RESISTOR 470 Ohm	NO POLARITY
R7	RESISTOR 10 kOhm	NO POLARITY
R18	RESISTOR 330 Ohm	NO POLARITY
R24	RESISTOR 470 Ohm	NO POLARITY
R26	RESISTOR 100 kOhm	NO POLARITY
D4	DIODE	"LINE" IS ON LEFT SIDE. MARKINGS SHOULD BE UPRIGHT
U3	VOLTAGE REGULATOR	3 LEGS GO ON TOP, 2 LEGS GO ON BOTTOM
U2	LIGHT SENSOR	BLACK DOT SHOULD BE ON LOWER HALF OF PAD
U$1	BATTERY PACK	SOLDER ON AND THEN CUT LEGS WITH CUTTERS
8.2 TAG	8.2 MHZ TAG	PEEL OFF STICKER AND PLACE IN AREA
58 TAG	58 KHZ TAG	PEEL OFF STICKER AND PLACE IN AREA