ID	Name	Designator	Footprint	Quantity	Manufacturer Part	Manufacturer	
1	ESP8266-12F	ESP8266	LGA22-2.0-24X1	1	ESP8266-12F/ESP-12F		
2	DS3231MZ+	U1	SOIC-8_150MIL	1	DS3231MZ+	MAXIM	
3	Tactile switch SM	U3	TACTILE SWITC	1			https://www.ebay.com/itm/100pcs-3X6X2-5mm-Tactile-Push-Button-Switch-Tact-Switch-Micro-Switch-2-Pin-SMD/253049653121
4	100n	C1	1206	1			
5	1u	C2	1206	1			
6	TP4056	U2	03962A	1			
7	Header-Male-2.5	H1	DIP-1X5P-2.54M	1	210S-1*5P L=11.	Ckmtw	
8	MCP1702T-3302	LDO	SOT-89(SOT-89-	1	MCP1702T-3302	MICROCHIP	
9	ITR8307/S18/TR	U4	ITR20510/TR8	1	ITR8307/S18/TR	EVERLIGHT	https://www.ebay.com/itm/10pcs-ITR8307-S18-TR8-Optical-Switches-Reflective-Phototransistor-Output/141976531614
10	10k	R2,R4,R5,R6,R8	1206	5			
11	1k	R3	1206	1			
12	1M	R1	1206	1			
13	100k	R9	1206	1			
14	180k	R10	1206	1			
15	0	R7	1206	1			
16	33k	R11	1206	1			
17	2 Pin Header	BAT,SENSOR	HDR1X2	2			
	3.7V 1000mAh 503450			1			https://www.ebay.com/itm/5pcs-3-7V-1000mAh-503450-Rechargeable-Lipo-Polymer-Li-ion-battery-For-GPS-Camera/183500378920
	PCB V1.1			1			