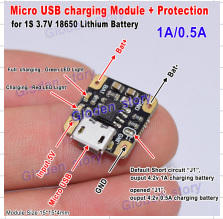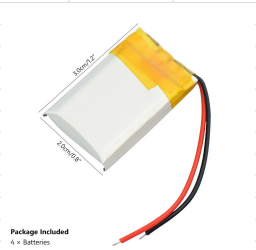ID	Name	Designator	Footprint	Quantity	Manufacturer Pai	Manufacturer	
1	ESP8266-12F	ESP8266	LGA22-2.0-24X1	1	ESP8266-12F/ESP-12F		
2	DS3231MZ+	U1	SOIC-8_150MIL	1	DS3231MZ+	MAXIM	
3	Reset	U3	TACTILE SWITC	1			https://www.ebay.com/itm/100pcs-3X6X2-5mm-Tactile-Push-Button-Switch-Tact-Switch-Micro-Switch-2-Pin-SMD/253049653121
4	BB-4056	U5	BB-4056	1			https://www.ebay.com/itm/5V-Micro-USB-3-7V-Lithium-Li-ion-Lipo-Battery-Charger-Charging-Board-Protection/323180298803
5	100n	C1	C0805	1			
6	1u	C2	C0805	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	R0805	3			
11	1k	R3	R0805	1			
12	22k	R6,R8	R0805	2			
13	100k	R9	R0805	1			
14	180k	R10	R0805	1			
15	33k	R11	R0805	1			
16	2 Pin Header	BAT	HDR1X2	1			
	3.7V 300MAH LI-ION BATTERY 602030			1			https://www.ebay.com/itm/4PCS-3-7V-300MAH-LI-ION-BATTERY-602030-FOR-MP3-MP4-GPS-PSP-BLUETOOTH-HEADSET-23/401998353447?hash=item5d98f81427:g:3T8AAOSw0MRd9Y5p
	PCB V2.1			1