







Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Li-	Generic 18650		Li-	Li-		
ion_18650_Generi c_Keystone_254_	battery with Keystone 254	BATT1	ion_18650_Generi c Kevstone 254	ion_18650_Generi c_Keystone_254_	1	
c_keystone_254_ Clips	clips		Clips	Clips		
i-	Generic 18650		Li-	Li-		
ion_18650_Generi c_Keystone_254_	battery with Keystone 254	BATT2	ion_18650_Generi c_Keystone_254_	ion_18650_Generi	1	
Clips	clips		Clips	c_Keystone_254_ Clips		
	Cap Ceramic	C1, C2, C4, C5,				
CL31B475KAHNN	4.7uF 25V X7R 10% SMD 1206	C14, C17, C19,	CAPC3216N	CL31B475KAHNN	12	4.7uF
NE	125C Embossed	C24, C26, C29,	CAPC32 ION	NE	12	4. /ur
	T/R	C32, C36				
		C3, C12, C13, C16,				
CL10B104KA8NNN		C18, C20, C21,	CAPC1608N	CL10B104KA8NNN	14	100nF
С	25V X7R 0603	C25, C27, C28, C30, C31, C34, C37		С		
Cap Cap	Capacitor Capacitor	C6 C7	CAPC2012N CAPC2012N	Cap Cap	1	10nF 4.7nF
Сар	Capacitor	C8	CAPC2012N	Cap	1	220nF
Cap	Capacitor	C9, C10	CAPC2012N	Cap	2	6p8
TPSB107M006R02 50	CAP TANT 100UF 20% 6.3V 1411	C11, C15	CAPMP3529X21N	TPSB107M006R02 50	2	
30	Cap Aluminum			30		
	Lytic 100uF 25V		SMD Electrolytic			
EEE-1EA101XP	20% (6.3 X	C22, C23, C33, C35	Panasonic_Size_D	EEE-1EA101XP	4	
	7.7mm) SMD 143mA 2000h 85C		8			
	T/R					<u></u>
	Diode Schottky					
MBRM120LT3G	20V 1A 2- Pin(1+Tab) Power	D1, D2	DO-216AA	MBRM120LT3G	2	
	Mite T/R					
150120R\$75000	LED RED CLEAR	D3. D4. D5. D6	150120R\$75000	150120RS75000	4	
12010/3000	1206 SMD	_3, 54, 53, 50				
C1F3	FUSE 3.0A 125VAC	F1	BEL_FUSE_C1F	C1F3	1	
-	FAST 1206					
	Conn ZDC/BNC					
	RCP 0Hz to 4GHz					
1-1337543-0	500hm Solder RA	J1	1-1337543-0	1-1337543-0	1	
	Thru-Hole Gold Over Nickel Over					
	Copper Individual					
	USB-C Female NO					
USB-C	DATA	J2	UJC-HP-3-SMT-TR	UJC-HP-3-SMT-TR	1	
BWVF003030124R	Ind. Pwr Ferrite	L1, L2	BWVF00303012	BWVF003030124R	2	4.7 uH
7M00	Inductor Ww	L1, L2	BWVF00303012	7M00		4.7 UH
	Inductor with Inductance:					
LOH43PN221M26L	220uH Tol. +/-	L3. L4	IND_LQH43PN221	LOH43PN221M26L	2	220uH
	20%, Package:		M26L			
	1812_4532_					
254	Battery Contact Clip 18650 SMD	MECH1, MECH2, MECH3, MECH4		254	4	
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1	
SI2323DS-T1-E3	MOSFET P-CH 20V	Q1	SOT23-3N	SI2323DS-T1-E3	1	
	3.7A SOT23-3	R1	RESC1608N		1	975K
Res1 Res1	Resistor Resistor	R2	RESC1608N	Res1 Res1	1	975K 85K8
Res1	Resistor	R3	RESC1608N	Res1	1	1M3
Res1	Resistor	R4	RESC1608N	Res1	1	104K8
Res1	Resistor Resistor	R5, R9, R11, R12 R6	RESC1608N RESC1608N	Res1 Res1	<u>4</u>	15K 390K
Res1	Resistor	R7, R25, R26	RESC1608N	Res1	3	100R
Res1	Resistor	R8, R13	RESC1608N	Res1	2	120K
Res1	Resistor	R10	RESC3225N	Res1	1	51R
Res1	Resistor	R14, R15, R18, R19, R21	RESC1608N	Res1	5	470R
Res1	Resistor	R16, R17	RESC1608N	Res1	2	5K1
Res1	Resistor	R20, R22	RESC1608N	Res1	2	2K
Res1	Resistor THERMISTOR NTC	R23, R24	RESC1608N	Res1	2	51K1
NCU18XH103F60R	10KOHM 3380K	RT1	RESC1608N	NCU18XH103F60R	1	
В	0603			R		
AS1D-6M-10-Z	Switch Slide SPDT	SW1	AS1D-6M-10-Z	AS1D-6M-10-Z	1	
	50MA 48V TVS DIODE 5V	TVS1, TVS2, TVS3,				
SD32305TR	9.8V SOD323	TVS4	SODFL260X100-2N	SD32305TR	4	
PESD12VL1BA,115	TVS DIODE 12V	TVS5, TVS6	SODFL260X100-2N	PESD12VL1BA,115	2	
	37V SOD323	,				
	Op Amp Dual Low Noise Amplifier					
LM4565F-GE2	±18V 8-Pin SOP	U1	SOIC8_LM4565	LM4565F-GE2	1	
	T/R					
AS78L05RTR-E1	IC REG LINEAR 5V 100MA SOT89-3	U2	SOT89N	AS78L05RTR-E1	1	
	STMICROELECTRO NICS -					
	L79L05ABUTR -					
L79L05ABUTR	Régulateur de	U3	SOT89N	L79L05ABUTR	1	
LOUT IN UT IN	tension Linéaire,	[		_ /LOGILDOIN	'	
	7905, Fixe, -20V à 8V In, -5V et 0.1A	1				
	Out, SOT-89-3					
		-		MCP73833T-		
MCP73832T	ICTI/ION/IT DOLV		MCP73833 DFN10	AMI/MF	1	
	IC LI-ION/LI-POLY CTRLR 10DFN	U4	14101 75055_51 1410			
AMI/MF	CTRLR 10DFN IC BATT			ADD2115A AA		
AMI/MF AP9211SA-AA-	CTRLR 10DFN IC BATT PROTECTION LI-	U4 U5	U-DFM2030- 6_AP9211	AP9211SA-AA- HAC-7	1	
AMI/MF	CTRLR 10DFN IC BATT PROTECTION LI- ION 6UDFN		U-DFM2030-		1	
AMI/MF AP9211SA-AA- HAC-7	CTRLR 10DFN IC BATT PROTECTION LI- ION 6UDFN IC DC-DC		U-DFM2030- 6_AP9211	HAC-7		
AMI/MF AP9211SA-AA-	CTRLR 10DFN IC BATT PROTECTION LI- ION 6UDFN	US	U-DFM2030-		1	