Line#	Name Batt_Pos	Description	Dosignator 8T1	Revision ID	Revision State Not managed	Rovision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	Batt_Neg Curr_t1		8T2 8T3		Not managed Not managed									
	Curr_t2	Chio	BT4		Not managed									
	C1608/SR1A226M080AC	Capacitor, 22 uF, +/- 20%, 10 V, -55 to 85 degC, 0603 (1608 Metric), RoHS, Tape and Reel	CI	CMP-2000- 05441-1	Released	Up to date	1	TDK	C1608XSR1A226M080AC	Volume Production	Future Electronics	5109542	0.187	0.187
	0603YC104K4T4A		02, 015, 017	CMP-2006- 04492-1	Released	Up to date	- 3	Kyocera AVX	0603YC104K4T4A	Volume Production	Future Electronics	2103511	0.0223	0.0669
	GRI155R60J106ME11D	CAP CER 10LF	C3, C4, C5, C12	CMP-06035-	New From Design	Up to date	-	Murata	CR/155R60/106ME11D	Volume Production	Newark.	928H4914	0.033	330
	CL10B105KOBNINIC	6.3V XSR 0402 CAP CER 1UF	C6, C7, C16	062410-1 CMP-2000- 06093-2	New From Design	Up to date	-	Samsung	CL10B105KOBNNNC	Volume Production	future	9103670	0.098	0.294
		16V X7R 0603 Cap Ceramic									biectronics			
	CL10A225KQ8NNINC	Cap Coramic 2.2uf 6.3V XSR ±10% Pad SMD 0603+85°C T/R Chip	08, C22, C23	OMP-13271- 002410-1	New From Design	Up to date	1	Samsung	CL10A22SKOBNINIC	Volume Production	Arrow Electronics	CL10A225KQBNNNC	0.0811	0.2433
	GRM188R40476ME1SD	Multilayer Ceramic Capacitors for General Purpose, 0603, 47uF, XSR, 15%, 20%, 6.3V	09, 010, 011	CMP-2000- 05444-2	New From Design	Up to date	4	Murata	GRM188R60J476ME1SD	Volume Production				
	G8M0228601104WE1SL	Chip Multilayer Ceramic Capacitors for General Purpose, 01005, 0.10uF, XSR, 15%, 20%, 6.3V	C13, C14, C18, C19, C24, C25, C26, C27, C28, C29, C30, C34, C36	CMP-06035- 048848-1	New From Design	Up to date	13	Murata	G89A0229960J1049AE1SL	Valume Production	Arrow Electronics	CRMC02RE00104ME1SL	0.0144	0.1872
	04025A150FAT2A		C20, C21, C37, C38	CMP-1034- 00812-2	Released	Up to date	-	Kyocera AVX	04005A150FAT2A	Volume Production	Newark	36K3875	0.155	0.62
	G8M155R6QH75ME47D	Chip Multilayer Ceramic Capacitors for General Purpose, 0402, 4.7uF, XSR, 15%, 20%, 6.3V	C31, C32	CMP-2008- 04549-2	New From Design	Up to date	1	TOK	C1005X5R01475X0509C	Volume Production	Future Bectronics	7109584	0.22	0.44
<del></del>		15%, 20%, 6.3V CAP CER 1UF	l	CMP-03422-	<b></b>	<b>-</b>	-	-	<del> </del>	<del>                                     </del>	Future	<b>!</b>		
<u> </u>	CC0402MRXSR588105	6.3V XSR 0402	C33, C35	000766-1	New From Design	Up to date	-	Yagoo	0004021MRXSRS88105	Volume Production	Electronics	6071427	0.0317	0.0634
	QBLP595-IB	CLEAR 0402	D1, D2, D3, D7	CMP-113271- 000002-1	New From Design	Up to date	-	OT-Brightek	OBLP595-IB	Unknown	Digi-Key	1516-1215-6-ND	0.38	1.52
<b>—</b>		SMD Very low				<b> </b>			<b> </b>		<b>-</b>			
	USBLC6-25C6	capacitance ESD protection, 3.5 pF, -40 to 125 degC, 6-Pin SOT23, RoHS, Tape and Roel	D4	CMP-2000- 05378-1	Refeased	Up to date	1	STMicroelectronic s	USB1C6-25C6	Wolume Production	Future Electronics	9749658	0.168	0.168
	MSL0601RCBU1	SMALL AND HIGH BRIGHTNESS SIDE-V DIODE GP	06	CMP-08952- 000021-1	New From Design	Up to date	1	Rohm	MSL0601RGBU1	Unknown	Nowark.	97AC7831	1.24	1.24
1	BAVS004WS-7	350V 300MA 500323	06	CMP-12791- 000015-1	New From Design	Up to date	1	Diodes	BAVS004WS-7	Volume Production	Digi-Key	BAV5004WS-7DICT-ND	0.24	0.24
	EAST1616RGBR2	LED RGB DIFFUSED 4SMD Chip Ferrite Boad, 0603,	DB .	CMP-51564- 000002-1	New From Design	Up to date	1	Everlight	EAST1616RQBB2	Unknown				
	BLM18HE1525N1D	Boad, 0603, 1500p @ 100MHz, 0.5p, 25%, 500mA CONN RCPT	FB1	CMP-0686- 00368-3	New From Design	Up to date	1	Murata	BLM18HE152SN1D	Volume Production	Arrow Electronics	BLM18HE1505N1D	0.18	0.18
	473460001	USB2.0 MICRO B SMD R/A	п	CMP-2000- 05246-2	New From Design	Up to date		Molex	47346-0001	Volume Production	Newark.	47M0505	0.627	0.627
	74438334010	Power Multilayer Inductor WE-	Ŀı	CMP-1393- 00006-1	Released	Up to date	,	Murata	LQH3NPZ1R0MGRL	Unknown	Digi-Koy	490-15958-6-ND	0.43	0.43
	PKLCS1212E4001-R1	MAPI, L=1.0µH AUDIO PIEZO TRANSDUCER	IS1	CMP-2000-	New From Design	Up to date		Murata	PKLCS1212E4001-R1	Volume Production	Famelt	1192551	1.04	1.04
		25V SMD WIFI MODULE		05277-2										
	ESP32-WROOM-32D	SOMBITS SPI FLASH TRANS MPN	MD1	CMP-194065- 000003-1	New From Design	Up to date	,	Espressif Systems	ESP32-WROOM-32E(4MB)	Unknown				
	BC817-40,215	45V 0.5A SOT23	01, 02, 03, 04, 05, 06	CMP-14406- 000007-1	New From Design	Up to date		Nexperia	90817-40,215		Famelt	2319249	0.0992	0.5952
	1M 1% 0201(0603)	1M 0.05W 1% 0201 (0603	R1	CMP-1010- 00755-1	Released	Up to date		Panasonic	ERJ-1GNF1004C	Volume Production	Newark	05X8798	0.004	0.004
_		Metric) SMD		CMP-1011-	Released								0.006	0.006
	CRCW0402768KFKED  CRCW0402137KFKED	Chip Resistor, 137 KOhrn, «/- 1%, 63 mW, - 55 to 155 degC, 0402 (1005 Metric), RoHS, Tape and Reel	R2 R3	00836-2 CMP-1011- 00750-4	Roleased Roleased	Up to date	,	Vishay	ORCW0402768KFKED  ORCW0402137KFKED	Volume Production  Volume Production	Armet Newark	52K7276 52K6684	0.008	0.000
	RC04021R-070Rs.	and 20041	R4, R5, R12, R13, R16, R45, R47, R48, R49, R50, R51, R52, R55, R56, R57, R58, R59, R60	CMP-1011- 00001-2	Released	Up to date	10	Bourns	090402-J/-000GLF	Volume Production	Aunet	0211955	0.003	0.054
	ERASAEB471V		R6, R7, R8	CMP-2000- 00071-1	Released	Up to date	- 1	Panasonic	ERA-3AEB471V	Volume Production	Newark.	08N212S	0.032	0.096
	CRCW0402100KFKTD		R9, R10, R11, R21, R29	CMP-1011- 00736-2 CMP-2002-	Released	Up to date		Panasonic	ERJ-2RKF1003X	Volume Production	Arrow Electronics	ERU-28KF 1003X	0.022	0.22
	CRCW040213K3FKED		R14	CMP-2002- 08197-1	Released	Up to date		Vishay	CRCW040213K3FKED	Volume Production	Arrow Electronics	CRCW040213K3FKED	0.0451	0.0451
	ERA-2AEB133X		R15	CMP-2002- 05782-1	Released	Up to date	_ ,	Panasonic	ERA-2AEB133X	Volume Production	Future Electronics	5018797	0.38	0.38
	CRCW04021K00FKEDHP		R17, R19, R40, R44	CMP-2002- 03045-1	Released	Up to date	-	Vishay Dale	CRCW04021K00FKEDHP	Volume Production	Arrow Electronics	CRCWO4021K00FKEDHP	0.1083	0.4332
	CRG0402F47K		R18	CMP-2002- 05738-1	Released	Up to date	1	TE Connectivity	CRG0402F47K	Volume Production	Arrow Electronics	CRGD400F47K	0.0378	0.0376
	CRG0402F68K		R20	CMP-2002- 05750-1	Released	Up to date		TE Connectivity	CRG0400F68K	Volume Production	Newark	95W7501	0.004	0.04
	ERI-2GE/181X		R22, R24, R27	05/50-1 0MP-2002- 00468-1	Released	Up to date		Panasonic	ERJ-2GE/181X	Volume Production	Newark	6578259	0.002	0.006
	RC04021R-07220KL		R23, R28	CMP-2002-	Released	Up to date		Yagoo	RC04021R-07220K1.	Volume Production	Mouser	603-RCD402/R-07220KL	0.01	0.1
-	RC0402R-0722RL		R25, R26, R36, R37, R42,	07958-1 CMP-2002-	Released	Up to date		Yagoo	RC0402FR-07330RL	Volume Production	Famell	2459291	0.00497	0.03482
-	HC0402HH-07530HL ERJ-2GEJ473X		R46, R61 R30, R31, R32, R33, R34	07613-1 CMP-2002-	Released Released	Up to date		Panasonic	ERI-2GE1473X	Volume Production  Volume Production	Newark	63W0572	0.019	0.03462
_	ERI-2GEJ473X Britanoili-n7ak7i		R30, R31, R32, R33, R34 R35	00545-1 CMP-2002-	Released	Up to date Up to date	<u> </u>		ERI-20E3473X RC0402JR-074K7L	Volume Production Volume Production	Newark Future	6566459		
-	10.U4023K-074K7L		RID 	08011-1 CMP-2000-	mineased	up to date	<u>'</u>	Yagoo	eLu4023K-074K7L	volume Production	Electronics	sost-tiv	0.098	0.098
-	ENA-3AEB103V		K38, R41, R43, R53, R54	00874-1	Meseased	Up to date	<u> </u>	Panasonic	EMA-SAEB103V	volume Production	Electronics	1016732	0.305	1.53
	ERJ-3EKF1000V		R39	00179-1	Released	Up to date	,	Panasonic	ERJ3EKF1000V	Volume Production	Aunet	6485307	0.062	0.062
	104031-0811	Micro SD Card, RA, -25 to 85 degC, 8-Pin SMD, RoHS, Tape and Reel SWITCH	SD1	OMP-2000- 05805-1	Released	Up to date	1	Molex	1040310811	Volume Production	Newark	4190636	1.3	13
	D3SK-A1R	DETECTOR SPST-NO 1MA SV	SW1	CMP-06833- 000007-1	New From Design	Up to date	,	Omron	D3SK-A1R	Volume Production	Digi-Koy	SW1540CT-ND	1.55	1.55
	KWT071NG.EHS	SWITCH TACTILE SPST-	SW2, SW3, SW4	CMP-10040- 000017-1	New From Design	Up to date	-	HTT C&K	KMEGPINGLIHS	Volume Production	Arrow Electronics	KMT071 NGJ LHS	0.2846	0.8538
_		NO 0.05A 32V IC REG BCX BST									RSComponer			
	TPS6302005.IT	ADI 3.5A 14VSON Charger IC Lithkum	UI	CMP-2000- 07282-2	New From Design	Up to date		Texas Instruments	TP563020D5/T	Volume Production	ts	8123908	3.13	3.13
	MC34673AEPR2	Ion/Polymer 8- UDFN_3x2_ DW Magno	112	(MP.2000	Not managed		1	Semiconductors	MC34671AEPR2	Manual Solution	Mouser	841-MC34671AEPR2	1.6	1.6
	DWM1000	IEEE 802.15.4 - 2011 UWB Transceiver Module IC MCU 32BIT	us	OMP-2000- 05094-1 OMP-12105-	Released	Up to date	1	Oprvo STMicroelectronic	DWM/1000	Manual Solution	Mouser	773-DWM1000	17.9	17.9
L	STMS2F446VET6	512KB FLASH 100LQFP	U4	000075-1	New From Design	Up to date	<u> </u>	s .	STM32F446VET6	Volume Production				
	ABM38-8.000MHZ-10-1- U-T	Coramic Crystal, 8 MHz, 4/- 10 ppm, - 10 to 60 degC, 4-Pin SMD, RoHS, Tape	X1	OMP-2000- 05730-1	Released	Lip to date	1	Abracon	A8M38-8.000MHZ-10-1-U-T	Volume Production	Mouser	815-ABM388MH2101UT	0.99	0.99
	ABS05-32.768KH2-9-T	and Rool CRYSTAL 32.7680KHZ WFF SMID	v1	CMP-27762- 000002-1	New From Design	Up to date	,	Abracon	ABS05-32.768KH2-9-T	Volume Production	Digi-Key	535-11997-1-ND	1.16	1.16
		r .amil												