





_	Capacitor_0905	CAP, CERM, * uF, 100V, 4/- 10%, X/R,	C1	,	0805_HV	DigKey	446-4467-1-ND	470nF
	C32160/R2A105K160AA	0805 CAP, CERM, 1 uF, 100 V, +/-	C2. C10	2		DigKey	445-4467-1-ND	1uF
	Capacitor_0805	10%, X/R, 1206 CAP, CERM, * uF, 100V, +/- 10%, X/R,	C2 C10		0805_HV	DigKey	445-4467-1-ND	100pF
		10%, X7R, 0805	CA, CS, CS, C7, C8, C9,			- /		
	C160607R1H224H080AB	CAP, CERM, 0.22 uF, 50 V, 4/- 10%, XFR 0603	C7, C8, C9, C11, C12, C16, C17, C18, C19, C20, C22, C23, C24, C26	17	c0603	DigKey	445-7408-1-ND	220rF
	Capacitor_0905	CAP, CERM, * uF, 100V, +/- 10%, X7R, 0805 CAP, CERM,	C13, C15	2	0805_HV	DigKey	445-4467-1-ND	tuF
	C1606007R1H224M080AB	0.22 uF, 50 V, 4/- 10%, X7R, 0603	C14	,	c0603	DigKey	445-7408-1-ND	22nF
	Capacitor_0905	0603 CAP, CERM, * uF, 100V, e/- 10%, X7R, 0805	C21	1	0805_HV	DigKey	445-4467-1-ND	10nF
	Capacitor_0905	CAP, CERM, 0.22 uF, 50 V, 4/- 10%, X7R, 0603	C25	1	c0803	DigKey	445-7408-1-ND	100pF
	Capacitor_0905	CAP, CERM, * uF, 100V, 4/- 10%, X7R, 0805	C27	,	0805_HV	DigKey	445-4467-1-ND	2.2uF
	C1606/07R1H224H080AB	CAP, CERM, 0.22 uF, 50 V, 4/- 10%, X7R 0603	C28, C29, C30, C31, C32, C33, C34, C36, C36, C39, C40, C41, C42, C43	14	c0603	DigKey	445-7408-1-ND	100nF
	C1606X7R1H224K080AB	CAP, CERM, 0.22 uF, 50 V, 4/- 10%, XFR 0603	C37, C38	2	c0603	DigKey	445-7408-1-ND	10uF
	BATHSW-7-F	Dioda, Schottky, 100 V, 0.15 A, SOD- 123	D1, D2, D9	3	900-123			100V
	LEDSMD MMSZ5246B-7-F	LED, Red, SMD Diode, Zener, 16 V, 500 mW,	D3 D4, D5, D6	- 1	WL9MOW_PED 900-123			Red 16V
	1N4148W-7-F	Diode, Zaner, 16V, 500 mW, 900-123 Diode, Ultrafast, 100 V, 0.15 A, 900-	D7	,	900-123			100V
	MMSZ8607Tt G	0, 0.15 A, SUD- 123 Diode, Zener, 16 V, 500 mW, 900-123	D8	,	900-123			10V
	Fuse_9FK,30120	120 Amperes SPM Series Self Control Protector(SCP)	PI	1	120 Ampines SPM Series Self Control Protector(SCP)			
	6-Pin_STXH	6-Pin.JSTXH - Right Angle Connector	JE, JB	2	6-Pin JSTXH - Right Angle Connector			
	5-Pin_ETXH	Pinheader 5-Pin JSTXH - Right Angle Connector	£	,	Pinheader 5-Pin JSTXH - Right Angle Connector Pinheader			
	Amper	Pinheader Jumper 2 4-Pin JSTXH -	a,a,r	3	2 pin header			
	4Pin.BTXH	Right Angle Connector Pinheader	3	1	4-Pin JSTXH - Right Angle Connector Pinheader			
	XTSOPWM	Socket, DC supply, XT80, male; PIN: 2; on PCBs; THT; Colour, yellow Header 2x10	8,9	2				
	Header 2x10	0.254mm Transistor,	p1	1	Header 2x10 male rightangle	\vdash		
	FCW06TA	NPN, 150 V, 1 A, AEC-Q101, SOT-89 MOSFET, P-	Q1		SCT-89-3	Newark	6579121	150 V
	MOSFET_P_DSG1S2	OH, -150 V, - 0.53 A, SOT-23 MOSFET, N- OH, 150 V, 56	02,03	2	90T-23			
	BSC160N15NSSATMA1	MOSFET, N- CH, 150 V, 56 A, PG-TDSON- 8 MOSFET, N-	04, 05, 08, 09	4	PG-TDSON-8	Digi-Key	BSC160N15N25ATMA1- ND	150V
	2N7002HW	CH, 60 V, 0.31	Q6	,	9OT-323	DigKey	2NF002KWCT-ND	60V
	97/996DP-E3	MOSFET, N- CH, 150 V, 13 A, PowerPACK 9O-8 0.25 W, ABC-	QF	1	PowerP4K,9O-8	Digi-Key	BSZB00N15NS3 QCT-ND	150V
	0805_res	0200 Grada 0, 0805	Rt	,	SMD0805res	Digikey	541-20.0FCT-ND	100R
	CROW 2062/REPIEA	RES, 20.0, 1%, 0.25 W, AEC- 0200 Grade 0, 1206	R2, R3, R4, R6, R7, R9, R10, R11, R12, R13, R14, R15, R16, R18, R19, R20, R21	17	2512	Newark	4264894	20R
	ORCW120620R0FHEA	RES, 20.0, 1%, 0.25 W, ABC- 0200 Grade 0, 1206	RS, R8	2	2512	Digikey	541-20.0FCT-ND	220R
	Resistor	0.25 W, AEC- 0200 Grade 0, 0805	R17, R25, R26, R27, R28, R29, R30, R31, R32, R44, R45, R49	12	SMD0805res	Digitaly	541-20.0FCTND	10k
	Resistor	RES, 100, 5%, 0.1 W, AEC- 0200 Grade 0, 0603 RES, 100, 5%,	R22, R23	2	0803S	DigKey	541-100GCTND	100R
	Resistor	0.1 W, AEC-	R33	,	0803S	DigKey	541-100GCT-ND	10k
	4/7	0603 RES, 20.0, 1%, 0.25 W, AEC- 0200 Grada 0, 1206 0.25 W, AEC-	R34, R35 R36, R37, R41,	2		Digikey	541-20.0FCTND	40
	10M	0200 Grade 0, 0805 0.25 W. ABC-	R42	4	SMD0805nss	Digikey	541-20.0FCTND	10M
	0805_res	O200 Grade 0,	R38, R39	2	SMD0805res	Digikey	541-20.0FCT-ND	746
	10M	0.25 W, AEC- 0200 Grade 0, 0805 0.25 W, AEC-	R40 R43, R46, R47,	1	9MD0805res	Digikey	541-20.0FCT-ND	20.0
	0805_res	Q200 Grade 0, 0805	R48, R51, R53, R54, R55, R56	9		Digikey	541-20.0FCTND	5k1
	0806_res	0.25 W, AEC- C200 Grade 0, 0805 RES, 100, 5%, 0.1 W, AEC-	R60	1	9MD0805res	Digikey	541-20.0FCTND	20k
	Resister_0603	C200 Grade 0, 0603 Switch,	R62	,	0603S	DigKey	541-100GCT-ND	716
	SW_KST221_EFS	Tactile, SPST-	S1, S2	2	LHLS7-TS3402-2- 5	Digikey	401-1848-1-ND	
	bq763629FBT	Multicell Battery Monitor and Protection Family, PFB0048A (TQFP-48)	uı	1	PFB0048A_N			
	WSL38372LD00FEA	Res Metal Strip 36370.002 Ohm 1%3W-4/ 75ppm/C Sulfur Resistant Pad SMD	31,32	2	W9L36372L000FE A			