Comment	Description	Designator	Footprint	LibRef	Quantity
1nF	CL21 Series 0805 1nF 50V±10% Tolerance X7R Multilayer Ceramic Chip Capacitor CGA0805X7R102K500KT	C1, C37	FP-CL21-IPC_B	CMP-13271-001800-1	2
0.1uF	50V0.1uF X7R±10% 0805 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS TCC0805X7R104K500DT	C2, C3, C4, C5, C14, C24, C34, C36	FP-CL21-IPC_A	CMP-13271-002975-1	8
10uF	CL21 Series 0805 10uF 25V±10% Tolerance X5R Multilayer Ceramic Chip Capacitor CL21A106KAANNNE	C6, C7, C13, C15, C16, C17, C23, C25, C26, C27, C33, C35	FP-CL21-IPC_A	CMP-13271-002975-1	12
22uF	CL21 Series 0805 22uF 25V±10% Tolerance X5R Multilayer Ceramic Chip Capacitor CL21A226MAANNNE	C8, C9, C10, C11, C12, C18, C19, C20, C21, C22, C28, C29, C30, C31, C32	FP-CL21-IPC_C	CMP-13271-003225-1	15
DFLS130L-7	Schottky Barrier Rectifier, 30 V, 1 A, -40 to 125 degC, 2-Pin SMD, RoHS, Tape and Reel	D1, D3	DIOD-POWERDI123-2_A_V	CMP-2000-07448-1	2
Solar Pwr/n Indicator	LED GREEN CLEAR SMD KT-0805G	D2	FP-LTST-C170GKT-MFG	CMP-1674-00002-6	1
USB Pwr/n Indicator	LED GREEN CLEAR SMD KT-0805G	D4	FP-LTST-C170GKT-MFG	CMP-1674-00002-6	1
Yellow	LED Yellow, 75 mW, 60 mA, -55 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel KT-0805Y	D5, D6, D7	LTST-C170KSKT_V	CMP-2000-06921-1	3
25%	LED Red, KT-0805R	D8, D12, D16	LTST-C170KRKT_V	CMP-2000-07593-1	3
50%	LED Red, KT-0805R	D9, D13, D17	LTST-C170KRKT_V	CMP-2000-07593-1	3
75%	LED Red, KT-0805R	D10, D14, D18	LTST-C170KRKT_V	CMP-2000-07593-1	3
100%	LED GREEN CLEAR SMD KT-0805G	D11, D15, D19	FP-LTST-C170GKT-MFG	CMP-1674-00002-6	3
Power On Indicator	LED GREEN CLEAR SMD KT-0805G	D20	FP-LTST-C170GKT-MFG	CMP-1674-00002-6	1
DW06D	Integrated Circuit	IC1, IC2, IC3	SOT95P280X135-6N	DW06D	3
FS206	Integrated Circuit	IC4, IC5, IC6	SOIC127P600X165-8N	FS206	3
SY6280AAC	Integrated Circuit	IC7, IC8, IC9	SOT95P285X140-5N	SY6280AAC	3
Panel 1	CONN HEADER RA 2POS 2.5MM HCZ0139-2	J1	FP-S2B-XH-A-1_LF_SN-MFG	CMP-17439-000260-1	1
Panel 2	CONN HEADER RA 2POS 2.5MM HCZ0139-2	J2	FP-S2B-XH-A-1_LF_SN-MFG	CMP-17439-000260-1	1
TYPE-C Input	5A 1 Surface Mount, Right Angle 16P Female -40°C~+85°C Type-C SMD USB Connectors RoHS	J3	FP-USB4125-GF-A-0190-MFG	CMP-002-00079-1	1
Bat-1	CONN HEADER RA 2POS 2.5MM HCZ0139-2	J4	FP-S2B-XH-A-1_LF_SN-MFG	CMP-17439-000260-1	1
Bat-2	CONN HEADER RA 2POS 2.5MM HCZ0139-2	J5	FP-S2B-XH-A-1_LF_SN-MFG	CMP-17439-000260-1	1
Bat-3	CONN HEADER RA 2POS 2.5MM HCZ0139-2	J6	FP-S2B-XH-A-1_LF_SN-MFG	CMP-17439-000260-1	1
EPS Sensors	CONN HEADER RA 3POS 2.5MM HCZ0139-3	J7	FP-S3B-XH-A-1_LF_SN-MFG	CMP-17439-000427-1	1
Release Detection Switch	CONN HEADER RA 2POS 2.5MM HCZ0139-2	J8	FP-S2B-XH-A-1_LF_SN-MFG	CMP-17439-000260-1	1
5VSA Out	USB 2.0 34.1 Straight 4P Female -55°C~+85°C Type-A Plugin USB Connectors RoHS 0915-2S2411120/2E10	J9	614004135023	CMP-1502-03236-2	1
1uH	Inductor MC-3030-1R0MN2	L1, L2, L3	INDPM7366X200N	MC3030-2R0MN2	3
	MOSFET (N-Channel) RUML6344TRRF	Q1, Q2, Q3	SOT95P237X112-3N	RUML6344TRRF	3
154Ω	125mW Thick Film Resistors 150V ±100ppm/°C ±1% 1542 0805 Chip Resistor - Surface Mount RoHS CRR0805F0154OG	R1	RESC20124EN	AECR0805F27RDK9	1
7.5kΩ	Thick Film Chip Resistor, 0805, 7.5kΩ, 1%, 100ppm/°C, 0.125W, 150V 0805WBF7501TE	R2	FP-MCR0-IPC_A	CMP-08839-023103-1	1
30kΩ	Thick Film Chip Resistor, 0805, 30kΩ, 1%, 100ppm/°C, 0.125W, 150V 0805WBF7501TE	R3	FP-MCR0-IPC_A	CMP-08839-023103-1	1
105Ω	125mW Thick Film Resistors 150V ±100ppm/°C ±1% 105Ω 0805 Chip Resistor - Surface Mount RoHS CRR0805F105RFOS2	R4, R28	RESC20124EN	AECR0805F27RDK9	2
5.1kΩ	Thick Film Chip Resistor, 0805, 5.1kΩ, 1%, 100ppm/°C, 0.125W, 150V 0805WBF5101TE	R5, R6	FP-MCR0-IPC_A	CMP-08839-023103-1	2
1kΩ	Thick Film Chip Resistor, 0805, 1kΩ, 1%, 100ppm/°C, 0.125W, 150V 0805WBF1001TE	R7, R50, R13	FP-MCR0-IPC_A	CMP-08839-023103-1	3
100Ω	125mW Thick Film Resistors 150V ±100ppm/°C ±1% 100Ω 0805 Chip Resistor - Surface Mount RoHS AECR0805F100RK9, 125mW Thick Film Resistors 150V ±100ppm/°C ±1% 100Ω 0805 Chip Resistor - Surface Mount RoHS AECR0805F100RK9	R8, R9, R11, R12, R14, R15	RESC20124EN	AECR0805F27RDK9	6
2Ω	Thick Film Chip Resistors 0805 2Ω 0.125W 1% 250ppm/°C RS-01L2R00FT	R16, R20, R24	FP-CR0805-IPC_B	CMP-07231-004400-1	3
10k	Thick Film Chip Resistor, 0805, 10kΩ, 1%, 100ppm/°C, 0.125W, 150V 0805WBF1002TE	R17, R21, R25	FP-MCR0-IPC_C	CMP-08839-012433-1	3
0.5Ω	RES SMD 0.5 OHM 1% 1/8W 0603 RL0F7NNB00	R18, R22, R26	FP-MCT0603-IPC_B	CMP-02407-000530-1	3
6.8k Rset	Thick Film Chip Resistor, 0805, 6.8kΩ, 1%, 100ppm/°C, 0.125W, 150V 0805WBF6801TE	R19, R23, R27	FP-MCR0-IPC_C	CMP-08839-012433-1	3
Solar-USB Switch	Switch	S1	SS12D10L3	SS-12D10L3	1
Power Switch	Switch	S2	SS12D10L3	SS-12D10L3	1
4301610388816	4.5mm 3.5mm 50mA Round Button Brick Hogging 4.5mm 260gf 12V SMD Tactile Switches RoHS TS2015A0520A	SW1, SW2, SW3	WS-TASV_14.5WH.SH3.8_4301610388816	CMP-14544-00001-2	3
ACS712ELCTR-05B-T	SENSOR CURRENT HALL 5A ACDC	U1, U2	FP-LC-8-IPC_A	CMP-2000-04489-2	2