Comment	Description CL21 Series 0805 1nF SOV±10% Tolerance	Designator	Footprint	LibRef	Quantity
	S0V±10%Tolerance X7RMultilayer				
inF	Ceramic Chip Capacitor CGA0805/7R102K500	C1, C37	FP-CL21-IPC_B	CMP-13271-001800-1	
	KT				
	0805 Multilaver				
0.1uF	Ceramic Capacitors MLCC - SMD/SMT RDHS	C2, C3, C4, C5, C14, C24, C34, C36	FP-CL21-IPC_A	CMP-13271-002975-1	
	ROHS TCC0805/7R104/500 OT		1		
	CL21 Series 0805 10uF 25V±10%				
10uF	Tolerance XSR	OS, C7, C13, C15, C16, C17, C23, C25,	FP-CL21-IPC_A	CMP-13271-002975-1	
	Chip Capacitor CL21A108KANNINE CL21 Series 0805	C26, C27, C33, C36			
		C8 C9 C10 C11.			
22uF DR.S130L-7	Tolerance XSR Multilayer Ceramic	C8, C9, C10, C11, C12, C18, C19, C20, C21, C22, C28, C29, C30, C31, C32	FP-CL21-IPC_C	CMP-13271-003225-1	
	Chip Capacitor CL21A226MAYNINNE	C30, C31, C32			
	Schottky Barrier Rectifier, 30 V, 1 A, -40 to 125 degC, 2-Pin SMD, RoHS, Tape and		DIOD-POWERDI123-		
DRLS130L-7	to 125 dagC, 2-Pin SMD, RoHS, Tape and	D1, D3	2AV	CMP-2000-07448-1	
Solar Pwrin Indicator	LED GREEN CLEAR	02	FP-LTST-C170GKT-	CMP:1674-00002-6	
USB Pwrln Indicator	SMD KT-0805G LED GREEN CLEAR SMD KT-0805G	D4	MFG FP-LTST-C170GKT- MFG	CMP-1674-00002-6	
	LED Yallow, 75 m/W, 80 mA, -55 to 85				
Yellow	degC, 2-Pin SMD;	DS, D6, D7	LTST-C170K9KT_V	CMP-2000-06621-1	
25%	RoHS, Tape and Real KT-0805Y LED Red KT-0805R	D8 D12 D16	LTST-C170KRKT V	CMP-2000-07593-1	
50% 75%	LED Rad, KT-0806R LED Rad, KT-0806R LED Rad, KT-0806R	D9, D13, D17 D10, D14, D18	LTST-C170KRKT_V	CMP-2000-07923-1 CMP-2000-07923-1	
100%	LED Rad, KT-0805R LED GREEN CLEAR SMD KT-0805G	D11, D15, D19	LTST-C170KRKT_V FP-LTST-C170GKT- MFG	CMP-1674-00002-6	
Power On Indicator	SMD KT-0805G LED GREEN CLEAR SMD KT-0805G	D20	MFG	CMP-1674-00002-6	
DW06D IPS306	Integrated Circuit Integrated Circuit	IC1, IC2, IC3 IC4, IC6, IC8	90196P280X135-6N 9010C127P600X165-9N	DV06D IPS306	
516280AAC	Integrated Circuit CONN HEADERRA	ICS, IC7, IC9	90796P285X140-9N	SN280AC	
Panel 1	2POS 2.5MM	J.	FPS2BXHA- 1_LF_SNMFG	CMP-17439-000260-1	
	HCZZD139-2 CONN HEADERRIA 2POS 2:5MM				
Panel 2	HCZZ0139-2	2	FP-S2BXHA- 1_LF_SN-MFG	CMP-17439-000260-1	
TIPEC Input	Mount, Right Angle		FP-USB4125-GFA		
	6P Female - 40°C -485°C Type C SMD USB Connectors	B	FP-USB#125-GF-A- 0190-MFG	CMP-002-00079-1	
	SMD USB Connectors ROHS CONN HEADERRYA				
Bat-1	2POS 2.5MM	JA	FP-S2BXH-A- 1_LF_SN-MFG	CMP-17439-000260-1	
Bat-2	HCZZ0139-2 CONN HEADERR'A 2POS 2:5MM	.5	FP-S2BXHA	CMP-17439-000260-1	
	CONN HEADERRYA		1_LF_SNMFG		
Bat-3	2POS 2.5MM	.e	FPS2BXHA- 1_LF_SN-MFG	CMP-17439-000260-1	
EPS Sensors	HCZZD139-2 CONN HEADERRIA 3POS 2-5MM	<i>y</i>	FPS3BXHA	CMP-17439-000427-1	
Release Detection	HCZZD139-3 CONN HEADERRYA 2POS 2-9MM		1_LF_SN-MFG		
Release Detection Switch	2POS 2.5MM HCZZ0139-2 USB 2.0 3A 1 Straight	B	1_LF_SN-MFG	CMP-17439-000260-1	
5V3AOut	55°C+485°C Type A Plugin USB	ه	614004135023	CMP-1502-03236-2	
	Plugin USB Connectors RCHS 916-252A1113Y10210 Inductor MCS0830				
1uH	1ROMN2 MOSPET (N-	L1, L2, L3	INDPM7366X300N	MC90630-2R2MN2	
	Channel)IRLML6344T	Q1, Q2, Q3	90T96P237X112-3N	IRLML6344TRFBF	
	125mWThick Film Resistors 150V				
154Ω	±100ppm/°C ±1% 154Q 0805 Chip	Ri	RESC2012465N	AECROBOSFZ/ROK9	
	Resistor - Surface Mount ROHS				
	CR0805F81540G				
7.5Ω	Thick Film Chip Resistor, 0805, 7.5kD, 1%, 100ppm/°C, 0.125W, 150V	R2	FP-MCRID-IPC_A	CMP-08339-023103-1	
	0805W8F7501T5E				
	Thick Film Chip Resistor, 0805, 30kQ, 19i, 100ppm/°C, 0.125W, 150V				
30KΩ	Hasistor, 0805, 3041, 1%, 100ppm/°C, 0.125W, 150V	R3	FP-MCR10-IPC_A	CMP-08839-023103-1	1
	0805W8F7501TSE 12SmWThick Film		 		
]	1		
105Ω	±100ppm/°C ±1% 105D 0805 Chip Resistor - Surface	R4, R28	RESC2012465N	AECROBOSFZ/ROK9	1
	Mount ROHS CR0805P105RP05Z		1		1
	Thick Film Chip		l		
5.1kΩ	Resistor, 0805, 5.1kΩ, 1%, 100ppm/°C, 0.125W, 150V	R5, R6	FP-MCR10-IPC_A	CMP-08839-023103-1	1
	0805W8F5101T5E				
	Thick Film Chip Resistor, 0805, 1kD, 1%, 100ppm/°C,				
1kΩ	0.125W, 150V	RV, R10, R13	FP-MCR10-IPC_A	CMP-08839-023103-1	
	0805W8F1001TSE 125mWThick Film		 		
	Resistors 150V ±100ppm ¹ °C ±1% 100Ω 0805 Chip		1		
	Mesistor - Surface		1		1
1000	Mount ROHS AECROSOSP100RKS, 125mWThick Film Resistors 150V	R8, R9, R11, R12, R14, R15	BERCONTOWERN	AECRO805FZ/ROK9	1
1000	Resistors 150V ±100com/9° +1%	RIS		PURG	
	Hasistors 190V ±100ppm/°C ±1% 100Ω 0806 Chip Resistor - Surface		1		
	Mount ROHS/AECR0809F100		1		
			-		
	Thick Film Chip			CMP-07231-004400-1	
20	Thick Film Chip Resistors 0805 20 0.125W 1%	R16, R20, R24	FP-CR0805-IPC_B		1
20	Resistors 0805 20 0.125W 1% 250nom**C	R16, R20, R24	FP-CR0805 IPC_B		
	Resistors 0805 20 0.125W 1% 250nom**C				
20 10k	Resistors 0805.20 0.125W1% 250ppm**C RS-09L2R00FT Thick Film Chip Resistor, 0805, 10kD, 1%, 100ppm**C,	R16, R20, R34 R17, R21, R25	FP-MCRID-IPC_C	CMP-08839-012433-1	
10k	Resistors 0805.20 0.1259W1% 250ppm1°C RS-05L2R00FT Thick Film Chip Resistor, 0805, 10kD, 1%, 100ppm1°C, 0.125W, 150V	R17, R21, R25	FP-MCRID-IPC_C	CMP08839-012433-1	
	Resistors 0805 20 0.125/W196 250ppm**C RS-061_2R00FT Thick Film Chip Resistor, 0805, 1000, 10, 1000 Pm**C, 0.125W, 150V 0000M8P1002TSE RS-58/D-05 CHIM 196 1/8W0603 RL06FTNP500				
10k	Resistors 0805 20 0.125W 196 250ppm**C RS-091.2800FT Thick Film Chip Resistor, 0805. 1040, 196, 100ppm**C, 0.125W, 150V 0805W8P5002TSE RESISMD-0.5 CHM196 1/8W 0803 RIGHT NRS00	R17, R21, R25 R18, R22, R36	FF-MCR03 IPC B	CMP-08839-012433-1 CMP-02407-000530-1	
10k	Resistors (885.20) 0.159/r/96 250ppm*C 550ppm*C 560g.2806T 7916;Kfilm Chip Resistor, (885.1062) 95; 500ppm*C, 0.259/r/150/ 0.659/RP102758 825.980.050 CHM196 10.981/RP0200 Thick Film Chip Resistor, (865.6.840, 1%; 500ppm*C, 0.759/r/150/r/96.100ppm*C, 0.759/r/96.100ppm*C, 0.759/r/96	R17, R21, R25	FP-MCRID-IPC_C	CMP08839-012433-1	
10k 0.50	Resistors 0805 20 0.125W 196 250ppm**C RS-091.2800FT Thick Film Chip Resistor, 0805. 1040, 196, 100ppm**C, 0.125W, 150V 0805W8P5002TSE RESISMD-0.5 CHM196 1/8W 0803 RIGHT NRS00	R17, R21, R25 R18, R22, R36	FP-MCRIO IPC_C	CMP-08839-012433-1 CMP-02407-000530-1 CMP-08839-012433-1	
10k	Resistors 0805.20 0 129W 198 1250pm** C 129W 198 1250pm** C 129W 198 1250pm** C 129W 198 1250pm** C 129W 199 1250pm** C 1250w 199 1250w	R17, R21, R25 R18, R22, R36	FF-MCR03 IPC B	CMP-08839-012433-1 CMP-02407-000530-1	
0.50 6.8k Reac Solar-USB Switch Power Switch	Resistors 0805.20 0 129W 198 1250pm** C 129W 198 1250pm** C 129W 198 1250pm** C 129W 198 1250pm** C 129W 199 1250pm** C 1250w 199 1250w	R07, R21, R25 R08, R22, R36 R09, R23, R27	P-MCROIPC_C P-MCROIPC_B P-MCROIPC_C SSIDIGS SSIZIGS	CMP-08339-012433-1 CMP-02407-000530-1 CMP-08339-012433-1 SS-12010L3 SS-12010L3	
10k 0.50 6.8k Reat	Resistors (885.20) 0.129W 198. 250ppm"C 550s2.200FT Thick Film Chip Resistor, (805. 160.) 194. 100ppm"C) 0.129W 195V 000SMPF0007BE RES SM0.05 CHM196 198V 6803 RL06FTM-RESO Thick Film Chip Resistor, (865. 68-0.) 195. 100ppm"C) 0.129W 150V 000SMPF0007BE SMIRTH SM	R17, R21, R25 R18, R22, R36	P-MCROIPC_C P-MCROIPC_C P-MCROIPC_C SSIZ010.3	CMP-08839-012433-1 CMP-02407-000530-1 CMP-08839-012433-1	