

Comment	Description	Designator	Quantity	DNP	Octopart URL
Battery	Battery Lithium 3.7V 2.6AH	B11	1	DNP	
Samsung CL10A475MQBNNNC	CL10 Series 4.7 uF 6.3 V ± 20 % Tolerance XSR SMT Multilayer Ceramic Capacitor	C1, C2, C3, C4, C5, C10	6		https://octopart.com/ci10a475mqbnnnc-samsung-19831531
Samsung CL05A104KASNNNC	Ceramic capacitor SMD-0402 100nF /25V XSR# K ± 10%, Samsung, RoHS	C6, C11	2		https://octopart.com/ci05a104ka5nnnc-samsung-19018960
Samsung Electro-Mechanics CL21A26M0CLRNC	Cap Ceramic 22uF 16V XSR 20% SMD 0805 85°C Cardboard T/R	C7, C8, C9	3		
Samsung CL05Y474KP5VPNC	Capacitor Ceramic 0.47uF 10% 10V 2-Pin Surface Mount T/R	C12, C13	2		https://octopart.com/ci05y474kp5vpnc-samsung-106864824
LTST-C190TBKT	Standard LEDs - SMD WL-SMCD SMD Mono SMD 0603 Blue 465nm	D1	1		
Lite-On LTST-C190EKT	LED, SMD, 0603; red; 1.12-3mcd; 1.6x0.8x0.8mm; 130°; 2 + 2.6V; 10mA	D2	1		
Lite-On LTST-C190GKT	Green 1.6 x 0.8 x 0.8 mm 130° Water Clear 6 mcd ± 1 V Surface Mount LED	D3	1		
CUI T8003-500-P02BE	Terminal Block, Screw Type, 500	J1, J2, J5	3		https://octopart.com/tb003-500-p02be-cui-100131675
Keystone 54	Cylindrical Battery Contacts, Clips, Holders & Springs 16-19mm PC BATTERY CLIP	J3, J6	2		
Adam Tech PH1-05-UA	Conn Unshrouded Header HDR 5 POS 2.54mm Solder ST Thru-Hole	J4	1	DNP	https://octopart.com/gh1-05-us-adam+tech-7873130
10118194-0001LF	Single Port 5 Contact Horizontal Right Angle Micro B USB 2.0 Receptacle	K1	1		
Bourns SRN5040TA-1R5M	Ind Power Wirewound 1.5uH 20% Ferrite Core T/R	L1	1		https://octopart.com/srnsn5040ta-1r5m-bourns-95745279
MMBT3906-7-F	MMBT3906 Series PNP 40 V 300 mW Small Signal Transistor Surface Mount- SOT-23-3	Q1	1		https://octopart.com/mmbt3906-7-f-diodes+inc.-39867659
MCU80N03A-TP	N-channel Mosfet, Opak Package	Q2	1		https://octopart.com/mcu80n03a-tp-mcc-110117594
Stackpole Electronics RMCF0603ZT0R00	RMCF Series 0603 0.1 W 0 Ohm Jumper Surface Mount Thick Film Chip Resistor	R1, R7	2		http://octopart.com/rmcf0603zt0r00-stackpole+electronics-19213618
Stackpole Electronics RMCF0402FT3K90	Res Thick Film 0402 3.9K Ohm 1% 1/16W ±100ppm/°C Molded SMD SMD Paper T/R	R2	1		https://octopart.com/rmcf0402ft3k90-stackpole+electronics-21527179
Stackpole Electronics RMCF0603JT680R	Res Thick Film 0603 680 Ohm 5% 0.1W(1/10W) ±200ppm/°C Pad SMD Automotive T/R	R3, R6, R8	3		https://octopart.com/rmcf0603jt680r-stackpole+electronics-19213592
Stackpole Electronics RMCF0402FT22K1	Res Thick Film 0402 22.1K Ohm 1% 0.063W ±100ppm/°C Molded SMD SMD Paper T/R	R4, R12	2		https://octopart.com/rmcf0402ft22k1-stackpole+electronics-19211363
Stackpole Electronics RMCF0402FT511R	Res Thick Film 0402 511 Ohm 1% 0.063W(1/16W) ±100ppm/°C Pad SMD Automotive T/R	R5, R11	2		https://octopart.com/rmcf0402ft511r-stackpole+electronics-19212568
Stackpole Electronics RMCF0603FT2K00	Res Thick Film 0603 2K Ohm 1% 0.1W(1/10W) ±100ppm/°C Pad SMD Automotive T/R	R9	1		https://octopart.com/rmcf0603ft2k00-stackpole+electronics-19213115
Stackpole Electronics RMCF0402FT2K55	Res Thick Film 0402 2.55K Ohm 1% 0.063W ±100ppm/°C Molded SMD SMD Paper T/R	R10	1		https://octopart.com/rmcf0402ft2k55-stackpole+electronics-19211346
Stackpole Electronics RMCF0402FT33K0	Res Thick Film 0402 33K Ohm 1% 0.063W(1/16W) ±100ppm/°C Pad SMD Automotive T/R	R13	1		https://octopart.com/rmcf0402ft33k0-stackpole+electronics-19212474
Stackpole Electronics RMCF0402FT2K00	Res Thick Film 0402 2K Ohm 1% 0.063W(1/16W) ±100ppm/°C Pad SMD Automotive T/R	R14	1		https://octopart.com/rmcf0402ft2k00-stackpole+electronics-19212433
Stackpole Electronics RMCF0603FT215R	Res Thick Film 0603 215 Ohm 1% 0.1W(1/10W) ±100ppm/°C Pad SMD Automotive T/R	R15	1		https://octopart.com/rmcf0603ft215r-stackpole+electronics-19211080
Stackpole Electronics RMCF0402JT10K0	Res Thick Film 0402 10K Ohm 5% 0.063W(1/16W) ±100ppm/°C Pad SMD Automotive T/R	R16, R17	2		https://octopart.com/rmcf0402jt10k0-stackpole+electronics-19212679
Cyntec RL1632T4F-R010-FNH	Res 0.01 Ohm 1% 1W 1206	R18	1		https://octopart.com/rl1632t4f-r010-fnh-cyntec-86610802
C&K Components OS102011MS2QN1	Switch; Slide; Mini; SPDT; ON-ON; Non-Shorting;88mΩ; 100mA; 12VDC; ThruHole; PC Pin	SW1, SW2	2		https://octopart.com/os102011ms2qn1-c%26k+components-2486956
TPS2121RUXR	2.7-22V, 56mΩ, 4.5A, Priority Power MUX with Seamless Switchover 12-VQFN-HR -40 to 125	U1	1		https://octopart.com/tps2121ruxr-texas+instruments-95511053
Texas Instruments TPS259571DSGR	TPS259571 12V eFuse with Fast Overvoltage Protection 2.7V to 18V 4A 34m Ohm 8-Pin WSON T/R	U2	1		https://octopart.com/tps259571dsgr-texas+instruments-88135752
MCP73831T-2DCV/OT	Microchip MCP73831T-2DCV/OT, Battery Charge Controller; 500mA; 5-Pin SOT-23	U3	1		https://octopart.com/mcp73831t-2dcv%2Fot-microchip-422782
MAX17055ETB-T	MAX17055 Series 4.9 V 18 uA Stand-Alone ModelGauge mS Fuel Gauge - TDFN-10	U4	1		https://octopart.com/max17055etb%2B-maxim+integrated-76519097
RT4812GJ8F	Boost Switching Regulator IC Positive Adjustable 1	U5	1		



