

batteryCharger v1.0

Označení komponenty	Počet	Hodnota/Typ	Footprint
C1, C3,	2	10u	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
C2,	1	1u	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
C4,	1	100u	Capacitor_THT:CP_Radial_D6.3mm_P2.50mm
D1, D2, D5,	3	LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
D3,	1	STPS1L60A	Diode_SMD:D_SMA_Handsoldering
D4,	1	SKL34	Diode_SMD:D_SOD-123F
J1,	1	PWR_IN	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J2,	1	USB_B_Micro	Connector_USB:USB_Micro-B_Amphenol_10118194_Horizontal
J3,	1	USB_C_Receptacle_USB2.0	Connector_USB:USB_C_Receptacle_HRO_TYPE-C-31-M-12
J4,	1	BAT+	batteryCharger:2mm_Banana-Plug
J5,	1	BAT-	batteryCharger:2mm_Banana-Plug
L1,	1	5u6	Inductor_SMD:L_12x12mm_H8mm
R1, R2,	2	5k1	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R3, R4,	2	10k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R5,	1	223k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R6,	1	30k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R7,	1	330k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R8,	1	50m	Resistor_SMD:R_1206_3216Metric_Pad1.30x1.75mm_HandSolder
R9, R10, R11,	3	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
U1,	1	LT3652EMSE	Package_SO:MSOP-12-1EP_3x4mm_P0.65mm_EP1.65x2.85mm