



Bill of Materials

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Source Data From: SC_generator.PrjPcb
 Project: SC_generator.PrjPcb
 Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
CAP_0805_L	Cap Semi	Cap Semi	C1, C3, C4, C5, C6, C7, C8, C9, C10, C11	Generic ceramic capacitor	10
CAPAE5043X55M	Cap Electrol	Cap Electrol	C2	Generic electrolytic capacitor	1
CHIPLED_0805_N	CHIPLED OSRAM 0805	CHIPLED 0805	D1, D2		2
SOD-123_M	1N4148W	1N4148W	D3	Diodo de conmutación, 1N4148W-E3-08, 150mA, 75V, SOD-123, 2-Pines, Maximum of 50	1
4MM SAFETY JACK	SKT_4mm	SKT_4mm	P1, P3	Conector hembra de 4 mm Hirschmann 930176101, 30 V ac, 60 V dc, 32A, Rojo, Latón, Estaño, Hembra, Soldadura, 23.5mm	2
CONN RECEPT MINIUSB R/A 5POS SMD	MINUSB_B_R/A	MINUSB_B_R/A	P2	USB - mini B USB 2.0 OTG Receptáculo Conector 5 Posiciones Montaje en superficie, ángulo recto, orificio pasante	1
TERM BLOCK 2.54MM 2POS	TERM BLOCK 2.54MM 2POS	TERM BLOCK 2.54MM 2POS	P4	2 Position Wire to Board Terminal Block Horizontal with Board 0.100" (2.54mm) Through Hole	1
TO-252/DPAK	STD20NF06LT4	STD20NF06LT4	Q1	Canal N Montaje en superficie 60V 24 A (Tc) 60 W (Tc) D-Pak	1
SOT-23	SMMBT5551LT1G	SMMBT5551LT1G	Q2	Transistor bipolar, SMMBT5551LT1G, NPN 600 mA 160 V HFE:30 SOT-23, 3 pines,	1
RES_1206_N	Res semi	Res semi	R1, R2, R3, R4, R5, R6, R7, R9, R10, R11, R12	Generic resistor	11
3361P_POT	Pot SMD	Pot SMD	R8	Generic pot SMD	1
DIP_3x1_slid e_switch	SW SPST 500mA 24V	SW SPST TH	S1	Interrupor SIP, SPST, Pasante, Actuador Deslizante, 500 mA a 24 V	1
Jumper switch SPDT	SPDT SWITCH 25MA 24V	SW SPST SMD	S2	SWITCH SLIDE DIP SPDT 25MA 24V	1
BUTTON SPDT	BUTTON SPST	BUTTON SPST	S3	Interrupor táctil tipo Botón, Negro, contactos SPST-NA, Montaje superficial	1
TP_SMD_pin	TEST_POINT	TEST_POINT	TP1	Generic test point, several footprints	1
TP_SMD	TEST_POINT	TEST_POINT	TP2	Generic test point, several footprints	1
TSSOP-8	TPS2113APW	TPS2113APW	U1	Mux de potencia TPS2113APW, 1 canales Interrupor automático 1.25A 5,5 V max. 8 pines TSSOP	1
SO16_M	74HC4052D	74HC4052D	U2, U4, U5	Multiplexor/Demultiplexor 74HC4052D, Doble 4:1, 5 V, SOIC, 16 pines, 2 canales	3
SO-8_M	LM555	LM555	U3	IC OSC SINGLE TIMER	1
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Approved	Notes