

#	Reference	Qty	Value	Footprint
1	C1	1	4,7nF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	C2, C5, C8	3	100nF 50V	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
3	C3	1	100uF 35V	Capacitor_SMD:CP_Elec_6.3x7.7
4	C4	1	220uF 16V	Capacitor_SMD:CP_Elec_6.3x7.7
5	C6, C7, C10	3	4,7uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
6	D1, D3, D4, D5, D6, D12, D14	7	SM4007	Diode_SMD:D_SMA_Handsoldering
7	D2	1	B340	Diode_SMD:D_SMC
8	D7, D8, D9, D10, D11, D13	6	LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
9	H1, H2, H3, H4	4	4mm	MountingHole:MountingHole_4mm_Pad
10	J1, J5, J6	3	BORNERA-2	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MKDS-1,5-2-5.08_1x02_P5.08mm_Horizontal
11	J2	1	PINM-6	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical
12	J3, J4, J7, J8	4	BORNERA-3	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MKDS-1,5-3-5.08_1x03_P5.08mm_Horizontal
13	J9	1	Screw_Terminal_01x03	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MKDS-1,5-3-5.08_1x03_P5.08mm_Horizontal
14	K1, K2, K3, K4	4	SANYOU_SRD_Form_C	Relay_THT:Relay_SPDT_SANYOU_SRD_Series_Form_C
15	L1	1	47uH	Inductor_THT:L_Radial_D7.5mm_P5.00mm_Fastron_07P
16	Q1, Q2, Q3, Q4	4	2N7002K	Package_TO_SOT_SMD:SOT-23_Handsoldering
17	R1, R12, R13, R16, R18	5	1K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
18	R2	1	3,1K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
19	R3, R4, R5, R6, R7, R8, R9, R10, R11, R14, R15, R17, R19, R20	14	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
20	SW1	1	TACT-SWITCH 7mm	Button_Switch_THT:SW_Tactile_SPST_Angled_PTS645Vx39-2LFS
21	TP1	1	TP5V	TestPoint:TestPoint_Loop_D2.50mm_Drill1.0mm
22	TP2	1	TP3V3	TestPoint:TestPoint_Loop_D2.50mm_Drill1.0mm
23	U1	1	LM2596S-ADJ	Package_TO_SOT_SMD:TO-263-5_TabPin3
24	U2	1	LM1117-3.3	Package_TO_SOT_SMD:SOT-223-3_TabPin2
25	U3	1	ESP-12F	RF_Module:ESP-12E
26	U4, U5	2	TLP621	Package_DIP:DIP-4_W7.62mm

DNP