

## List1

Reference	Quantity	Value	Footprint
C1 C12	2	47uF/6.3V	Capacitors_Tantalum_SMD:Tantalum_Case-A_EIA-3216-18_Hand
C2	1	10uF/16V	Capacitors_SMD:C_1206_HandSoldering
C4 C6	2	220uF/10V	xPablo:c_elec_6.3x7.7
C10 C11 C13 C14 C3 C5 C7 C9	8	100nF	Capacitors_SMD:C_0603_HandSoldering
C8	1	4.7nF/25V X7R	Capacitors_SMD:C_0603_HandSoldering
D1	1	1N4148	xPablo:SOD-323F
D2	1	DZ2W05600L	Diodes_SMD:SOD-123
D3 D4 D5	3	PRTR5V0U2X	xPablo:SOT-143B
F1	1	MF-PSM050X-2	xPablo:MF-PSMF020X
F2 F3 F4	3	MF-PSM020X-2	xPablo:MF-PSMF020X
JP1 JP2	2	Jumper_NO_Small	xPablo:solder_jumper
L1	1	BKP1005TS121-T	Capacitors_SMD:C_0402
LD1	1	LED_5mm_PL9823	xPablo:LED_5mm_PL9823
P1	1	USB_OTG	xPablo:conn_usb_B_micro_smd
P2 P3 P4	3	CONN_01X04	xPablo:PJ-320-D
P5	1	CONN_01X01	xPablo:1Pad
PR1	1	Prog_xPablo_4pin_X	xPablo:PROG_4pin
Q1 Q2 Q3	3	BSS84-7-F	TO_SOT_Packages_SMD:SOT-23_Handsoldering
R10 R20 R9	3	33R	Resistors_SMD:R_0603_HandSoldering
R11 R12 R13 R14 R21 R22	6	3k3	Resistors_SMD:R_0603_HandSoldering
R15 R16 R17 R18 R23 R24	6	10R	Resistors_SMD:R_0603_HandSoldering
R1 R19 R2 R4 R5 R7 R8	7	10k	Resistors_SMD:R_0603_HandSoldering
R3	1	2k2	Resistors_SMD:R_0603_HandSoldering
R6	1	1M	Resistors_SMD:R_0603_HandSoldering
SMA_E1	1	SMA_EDGE	xPablo:SMA_EDGE
SW1	1	TACT-SWITCH_2Pins	xPablo:TS-018
U1	1	ESP12E_NAP	xPablo:Modul_ESP-12E_NotAllPins
U2	1	RFM69	xPablo:RFM69HW
U3	1	TS1117B_SOT223	xPablo:SOT223N