

ESPISM v4 build

C1	1uF 0603
C2	0.1uF 0603
C3	1uF 0603
C4	10uF 0603
C5	0.1uF 0603
D1	Schottky diode SOD-123FL
D2	LED 0603
D3	LED 0603
J1	USB-A-H-VERTICAL
Q1	P-mosfet SOT23-3
R1	4k7 0603
R2	4k7 0603
R3	4k7 0603
R4	4k7 0603
R5	4k7 0603
R6	100k 0603
R7	220k 0603
R8	TBD 0603
S1	SMT switch
U1	NCP1117, SOT223
U2	RFM69CW (on rear side)
U3	ESP-12F (on rear side)
ANT	1/4 wave antenna 433 MHz : 164.7mm 868 MHz : 82.2mm 915 MHz : 77.9mm

+ two support pins below the
USB connector

