

## RFID Reader - Component list

Component	Value	Device
R1	820 $\Omega$	Resistor
R2	1k5 $\Omega$	Resistor
R3	1.3 $\Omega$	Resistor
R4	1.3 $\Omega$	Resistor
R5	4k7 $\Omega$	Resistor
R6	4k7 $\Omega$	Resistor
R7	4k7 $\Omega$	Resistor
R8	4k7 $\Omega$	Resistor
C1	1 nF	Capasitor
C2	56 pF	Capasitor
C4	68 pF	Capasitor
C5	68 pF	Capasitor
C6	68 pF	Capasitor
C8	100 nF	Capasitor
C9	27 pF	Capasitor
C10	27 pF	Capasitor
C11	56 pF	Capasitor
C12	100 nF	Capasitor
C13	100 nF	Capasitor
C14	100 nF	Capasitor
C15	100 nF	Capasitor
C16	56 pF	Capasitor
C19	56 pF	Capasitor
C20	68 pF	Capasitor
C21	27 pF	Capasitor
JP1	PINHD-1X2	Pin header (reset)
JP4	PINHD-1X2	Pin header (antenna tuning)
L1	47 nH	Inductor
LED1	-	Led
Q1	27,12 MHz	Crystal resonator / SM49
U\$1	-	PN512 Transmission module / HVQFN32
U\$2	1 $\mu$ H	Inductor
U\$3	1 $\mu$ H	Inductor
U\$4	SMD/BAT	Li-ion rechargeable 3.6V battery holder
U\$5	BUTN1	Button (power)
U\$6	BUTN2	Button (action)