

Bill of materials

P/NO.	DESCRIPTION	QTY.	Remark
CC1000	Integrated circuit	1	U102
ATMEGA8L-8Ai	Integrated circuit	1	U1
14.745MHZ	Crystal	1	XT101
8.000MHZ	Crystal	1	XT1
EXRF001D-TX	PCB	1	
10UF/6.3V	Tery Capacitor	1	C111
100UF/6.3V	Tery Capacitor	1	C5
BAV99	Double Diode	1	D1
27P	Ceramic Capacitor	4	C14,C15,C114,C115
102P	Ceramic Capacitor	5	C103,C113, C128,C132, C210
104J	Ceramic Capacitor	4	C1,C2,C3,C4
10P	Ceramic Capacitor	1	C141
5P	Ceramic Capacitor	3	C101,C102,C131
4P	Ceramic Capacitor	1	C152
0Ω	Resistor	1	R110
1K	Resistor	1	R2
2K	Resistor	2	R101,R1
27K	Resistor	1	R109
82K	Resistor	1	R131
120N	Inductor	1	L142
4.7N	Inductor	1	L191
1000N	Inductor	1	L210
2.5N	Inductor	2	L162,L141
PM2*8	PM2*8	2	
M2	M2	2	
DPCL-0015-4811	Power wire	1	+5,GND,RX
98-3 gumwater	Omnipotent gumwater	1	ANT
502 gumwater	gumwater	1	ANT
Dedicated ANT	RF ANT	1	ANT