

Bill of materials

P/NO.	DESCRIPTION	QTY.	Remark
CC1000	Integrated circuit	1	U4
AT89S51/24AI	Integrated circuit	1	U1
ATMEGA8L-8AI	Integrated circuit	1	U3
14.745MHZ	Crystal	1	XT3
8.000MHZ	Crystal	1	XT2
14.318MHZ	Crystal	1	XT1
IC7805	Regulator	1	U2
RFDP4829	PCB	1	
TR SC2712	Transistor	2	Q1,Q2
TR SA1162	Transistor	6	Q3,Q4,Q5,Q6,Q8,Q9
V20672-IFKHPBOW	Display	1	LED1
10UF/6.3V	Tery Capacitor	2	C04,C11
100UF/6.3V	Tery Capacitor	2	C02,C8
BAV99	Double Diode	1	D1
ST4004	Diode	1	D2
47UF/35V	Electrolytic Capacitor	1	C10
30P	Ceramic Capacitor	2	C05,C06
27P	Ceramic Capacitor	4	C4,C5,C14,C15
102P	Ceramic Capacitor	6	C3,C13, C28,C31 ,C32,C210
104J	Ceramic Capacitor	7	C01,C6,C7,C9,C33,C110,C120
10P	Ceramic Capacitor	1	C41
5P	Ceramic Capacitor	3	C1, C2,C131
4P	Ceramic Capacitor	1	C52
0Ω	Resistor	1	L2
5.1Ω/1W	Resistor	1	R20
56Ω	Resistor	8	R4,R5,R6,R7,R8,R9,R10,R01
2K	Resistor	1	R1
3.9K	Resistor	9	R2,R12,R13,R14,R15,R17,R18,R19, R21
8.2K	Resistor	1	R3
27K	Resistor	1	R9
82K	Resistor	1	R131
120N	Inductor	1	L42
4.7N	Inductor	1	L91
1000N	Inductor	1	L210
2.5N	Inductor	2	L62,L41
12V BUZZER	BUZZER	1	BUZZ1
TAA-2PGH835-130	SWITCH	1	KEY1
DXCL-2512-1-1	Power wire	1	+V-
98-3 gumwater	Omnipotent gumwater	1	ANT
502 gumwater	gumwater	1	ANT
Dedicated ANT	RF ANT	1	ANT