

寶 達 電 子 廠
POTAK ELECTRONICS CO., LTD

部品表(BOM)

FILE NO	BD/WI-12-GC-F028A	MODEL CODE		EDITION	A	INURE DATE	2008-6-25
PRODUCT NO	F028A	PRODUCT NAME	TALK DOORBELL(Indoor)	RECENSIO N	01	PAGE NO	1/4

Sequence NO	Component Name	Dosage(pcs)	Specification	Locality
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Plastic:

1	Front cover	1	ABS MP-F028A-01	
2	Bottom cover	1	ABS MP-F028A-02	
3	Battery door	1	ABS MP-F028A-03	
4	squareness button	1	ABS MP-F028A-04	
5	circular button	1	ABS MP-F028A-05	

Metals:

1	Battery slice +	1	MMP-F028A-03	
2	Battery slice -	1	MMP-F028A-01A	
3	screw	2	PT2. 6*8 mm	
4		2	PT2. 6*6 mm	
5		4	PA1. 7*6 mm	
6		2	PA2. 0*6mm	
7		1	PM2. 5*7mm	
8		1	M2. 5	
9	Antenna	1	Φ0. 7*D5*L103mm MMP-F028A-02	
10	gourd slice	1	Lin copper	
11	Trumpet net	1	MMP-F028A-04 0. 5mm	

Electron:

1	printed circuit board	1	F028A-01R1 FR4 1. 0mm REV:00	
2	SMD Resistor	2	#0603 0 Ω +/-5%	R19、 20
3		1	#0603 10 Ω +/-5%	R3
4		2	#0603 1K Ω +/-5%	R8、 9
5		3	#0603 10K Ω +/-5%	R5、 25、 26
6		1	#0603 100K Ω +/-5%	R27
7		1	#0603 1M Ω +/-5%	R28

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Verified by :

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Sequence NO	Component Name	Dosage(pcs)	Specification	Locality
8		1	#0603 15K Ω $\pm 5\%$	R10
9		1	#0603 22K Ω $\pm 5\%$	R1
10		1	#0603 3.3K Ω $\pm 5\%$	R6
11		1	#0603 33K Ω $\pm 5\%$	R33
12		1	#0603 330K Ω $\pm 5\%$	R31
13		1	#0603 36K Ω $\pm 5\%$	R32
14		1	#0603 47 Ω $\pm 5\%$	R34
15		2	#0603 470 Ω $\pm 5\%$	R29、30
16		1	#0603 4.7K Ω $\pm 5\%$	R12
17		1	#0603 47K Ω $\pm 5\%$	R4
18	SMD capacitors	1	#0603 0.001uF(102) $\pm 5\%$	C15
19		2	#0603 0.01uF(103) $\pm 5\%$	C31、32
20		6	#0603 0.1uF(104) $\pm 5\%$	C2、7、16、20、25、27
21		5	#0603 1uF(105) $\pm 5\%$	C1、17、22、24、28
22		2	#0603 0.039uF(393) $\pm 5\%$	C13、14
23		3	#0603 18pF $\pm 5\%$ NPO	C3、C29、C34
24		1	#0603 22pF $\pm 5\%$ NPO	C18
25		1	#0603 0.0022uF(222) $\pm 5\%$	C8
26		1	#0603 0.022uF(223) $\pm 5\%$	C21
27		2	#0603 39pF $\pm 5\%$ NPO	C5、C19
28		1	#0603 470pF $\pm 5\%$	C12
29		1	#0603 6pF $\pm 5\%$ NPO	C23
30		1	#0603 82pF $\pm 5\%$ NPO	C4
31		1	#0603 12pF $\pm 5\%$ NPO	C33
32		2	#0603 56pF $\pm 5\%$ NPO	C6、C30
33	SMD inductance	1	#0603 0.47uH $\pm 5\%$	L3
34		1	#0603 15uH $\pm 5\%$	L8
35	SMD Diode	3	CHIP1206 (IN4148)	D4、6、7

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Sequence NO	Component Name	Dosage(pcs)	Specification	Locality
36	SMD Transistor	1	2SC3356-R25 SOT-23	Q5
37		2	SOT-23 L6	Q9、10
38		1	SOT-23 J3Y (8050)	Q8
39		1	SOT-23 2TY (8550)	Q7
40	Integrated circuit	1	CRF16B (49MHz) 42PIN	IC1
41	capacitors	4	Φ5*8mm 100uF/10V	C9、10、11、26
42	Crystal	1	14.31818MHz 30PPM 10*3.5mm	X1
43	IFT	1	A001 5.9*5.9*6mm (455KHz)	T1
44	detector	2	W455E 455KHz ±7.5KHz	F1、2
45	inductance	1	0.39uH 1/4W +/-5%	L1
46		3	2.2uH 1/4W +/-5%	L2、L5、L6
47	FM winding	1	Φ0.5*D4*10T5	L4
48		1	Φ0.6*D3*3T5	L2
49	rheostat	1	B10K 7*7mm 3PIN	VR1
50		1	B20K 6*6.7mm 3PIN	VR2
51	switch	1	PB-22E70 (6*6*5)	SW3
52		1	TS104 6*6*4.3mm	SW1
53	MIC	1	Φ9.7*6.7mm -52dB	MIC
54	LED	2	Φ3mm red	LED1、2
55	printed circuit board	1	F028A-02R0 94HB 1.0mm REV:00	
56	Integrated circuit	1	MX3920	IC2
57	printed circuit board	1	F028A-03R1 94HB 1.0mm REV:00	
58	switch	3	SS-12E01G4	SW1、2、3
59	Resistor	1	3.3KΩ 1/8W +/-10%	R1
60	connect wire	1	Φ1.0*100mm black	
61		1	Φ1.0*50mm black	
62		1	Φ1.0*30mm black	
63		2	Φ1.0*50mm red	

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64	4P flat cable	1	Φ0.8*80mm 3+3mm	
65	speaker	1	Φ57*15mm 8Ω 0.5W	

casing:

1	Battery paster	1	L40.0*W10.0	
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assistant:

1	mucilage			
2	tin		Φ1.0mm	
3	PVC	1	0.3*2.1*6mm PVC limpidity	

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