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版本: V1.0

FM8112 (ACU2115+KT0803M) with bluetooth/wireless BOM			1/5	
Number	Items&Spec	Location	Quantity	Procedure
1	YHW_FM8112 (AU2115)-V1.1 Double MPEG PCB FR4 board, T:1.2mm Spray-stannum,	/	1	/
2	Decoder IC ACU2115	U1	1	SMT
3	FLASH (Bluit in memory as per order)	U5	1	SMT
4	Bluetooth Module BC3	U7	1	SMT
5	Amplifier IC, PT2308L, SOP-8	U8	1	SMT
6	Receiving MCU SOP-8	U14	1	SMT
7	High frequency receiving IC 410R SOP8	U13	1	SMT
8	Voltage regulated IC 4054 SOP-23	U15	1	SMT
9	IC MCUCG3900 SOP-14	U2	1	SMT
10	Voltage regulated IC XC6206— 3.3V SOT-23 TOREX	U10	1	SMT
11	Voltage regulated IC KB6620-3.3B SOT23-5	U6	1	SMT
12	XC6206-1.8V SOT-23	U9	1	SMT
13	XC6206-1.5V SOT-23	U3	1	SMT
14	Display screen: TFT 1.8寸	LCM1	1	CHT
15	Remote control receiver 3.3V 封装, ARM-383GF1-1-MN	U4	1	CHT
16	LBD: LED SMD0603 Blue light	LED1-2	2	SMT
17	LBD: LED SMD0603 Red light	LED3	1	SMT
18	chip ceramic capacitors (CAP CER 3pF/50V J SMD0603NPO)	C38 C24	2	SMT
19	chip ceramic capacitors (CAP CER 15pF/50V J SMD0603NPO)	C50 C51	2	SMT
20	chip ceramic capacitors (CAP CER 20pF/50V J SMD0603NPO)	C5 C1 C61 C60 C7 C16	6	SMT
21	chip ceramic capacitors (CAP CER 33pF/50V J SMD0603NPO)	审核: CC8	1	SMT

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22	chip ceramic capacitors (CAP CER 68pF/50V J SMD0603NP0)	CC10	1	SMT
23	chip ceramic capacitors (CAP CER 120pF/50V J SMD0603X7R)	C66	1	SMT
24	chip ceramic capacitors (CAP CER 1000pF/50V J SMD0603X7R)	C72 C73	2	SMT
25	chip ceramic capacitors (CAP CER 0.01uF/50V J SMD0603X7R)	C31 C32	2	SMT
26	chip ceramic capacitors (CAP CER 0.22uF/50V J SMD0603X7R)	C14 C26 C12 C19	4	SMT
27	chip ceramic capacitors (CAP CER 0.033uF/50V J SMD0603X7R)	C49 C52	2	SMT
28	chip ceramic capacitors (CAP CER 0.47uF/50V J SMD0603X7R)	C27	1	SMT
29	chip ceramic capacitors (CAP CER 0.1uF/50V J SMD0603X7R)	C2 C8 C22 C28 C23 C58 C36 C39 C64 C54 C48 C6 C20 C10 C17 C53 C33 C34 C35 C74 C70	21	SMT
30	chip ceramic capacitors (CAP CER 1uF/16V J SMD0603X7R)	C62 C63 C45 C43 C44 C42 C21 C65 C41 C40	10	SMT



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31	chip ceramic capacitors (CAP CER 2.2uF/16V J SMD0603 X7R)	C69 C71	2	SMT
32	chip ceramic capacitors (CAP CER 10uF/10V J SMD0805 X7R)	C3 C9 C15 C25 C57 C47 C56 C46 C11 C13 C18 C4 C55 C59 E1	15	SMT
33	Chip tantalum capacitors (ELEC CAP 47uF/6.3V Z SMD A型)	C29 C30	2	SMT
34	chip resistor(T/F RES 1Ω ±5% SMD0805)	R52	1	SMT
35	chip resistor(T/F RES 2.2Ω ±5% SMD0603)	审核 R46	1	SMT

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36	chip resistor(T/F RES 10Ω ±5% SMD0603)	RD1 R1 R51	3	SMT
37	chip resistor(T/F RES 20Ω ±5% SMD0603)	R21 R20	2	SMT
38	chip resistor(T/F RES 100Ω ±5% SMD0603)	R43 R44 R13 R42 R17	5	SMT
39	chip resistor(T/F RES 150Ω ±5% SMD0603)	R11 R28	2	SMT
40	chip resistor(T/F RES 330Ω ±5% SMD0603)	R48	1	SMT
41	chip resistor(T/F RES 470Ω ±5% SMD0603)	R9 R10	2	SMT
42	chip resistor(T/F RES 1KΩ ±5% SMD0603)	R15 R12	2	SMT
43	chip resistor(T/F RES 2KΩ ±5% SMD0603)	L1 L2	2	SMT
44	chip resistor(T/F RES 2.2KΩ ±5% SMD0603)	R45 R41	2	SMT
45	chip resistor(T/F RES 3.3KΩ ±5% SMD0603)	R16	1	SMT
46	chip resistor(T/F RES 2.2KΩ ±1% SMD0603)	R24	1	SMT
47	chip resistor(T/F RES 4.7KΩ ±5% SMD0603)	R59 R60	2	SMT
48	chip resistor(T/F RES 6.2KΩ ±1% SMD0603)	R14	1	SMT
49	chip resistor(T/F RES10KΩ ±5% SMD0603)	R2 R3 R4 R5 R6 R7 R54 R35 R34 R36 R33 R8 R19 R18 R55 R56 RR2 R49 R50 RF1 R29 R30 R47	23	SMT
50	chip resistor(T/F RES 10KΩ ±1% SMD0603)	R25	1	SMT
51	chip resistor(T/F RES 15KΩ ±1% SMD0603)	R26	1	SMT
52	chip resistor(T/F RES 20KΩ ±1% SMD0603)	R27	1	SMT
53	chip resistor(T/F RES 30.9KΩ ±1% SMD0603)	R53	1	SMT
54	chip resistor(T/F RES 47KΩ ±5% SMD0603)	R57	1	SMT
55	chip resistor(T/F RES 56KΩ ±5% SMD0603)	R37 R38	2	SMT
56	chip resistor(T/F RES 100KΩ ±1% SMD0603)	R23	1	SMT
57	chip resistor(T/F RES 100KΩ ±5% SMD0603)	RF5 RF6 RD3 RD2 R39 R40 R22 R32 R31	9	SMT
58	Shottky diode 1N5819, 1206	D1 D2	2	SMT
59	Button 3*6*4.3mm 2PIN 贴片	S2 S3	2	SMT
60	BEAD 600R@100MHZ 0603	LL2 L9	2	SMT
61	CD43 100uH 1.2A	L5	1	SMT
62	SMD0603 2.2uH J	L7 L8	2	SMT
63	批制SMD0603 27nH J	审核L6	1	SMT



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64	SMD0805 10uH J	L4 L3	2	SMT
65	SMD 0603 390nH	LL1	1	SMT
66	Power IC 34063 SOP-8	U12	1	SMT
67	USB socket 贴片式 4P 带定位点	USB1	1	SMT
68	FM transmitting IC KT0803M SOP-16	U11	1	SMT
69	SMD Audion 2SC9018 SOT-23	QQ2	1	SMT
70	VR 7 pin	S1	1	SMT
71	Quartz crystal 24.000MHZ20PF Load capacitor Circle 3X8(mm)	Y1	1	DIP
72	Quartz crystal 8.000MHZ20PF Load capacitor Circle 3X8(mm)	Y2	1	DIP
73	Quartz crystal 7.6MHZ 20PF Load capacitor Circle 3X8(mm)	Y3	1	DIP
74	Microphone 0B40153-383G-XD9001	MIC	1	CHT
75	ELEC CAP 22uF/35V±20% 5x7mm 105°C	C67	1	DIP
76	ELEC CAP 470uF/10V±20% 6*7mm105°C	C68	1	DIP
77	5P Dia 3.5 Phone Jack with two switch	J1	1	CHT
78	Quartz crystal 6.7458M HC-49S 20ppm	Y4	1	DIP
79	SD card socket, height: 1.8mm	SD1	1	CHT
Power board				
1	Double MPEG PCB: FR4 board. T:0.8mm Spray-stannum	/	1	/
2	AWG 22# cable Length:260mm, IMSN 3mm	/	1	CHT
3	AWG 22# Black cable Length:260mm, IMSN 3mm	审核:/	1	CHT

4	AWG 22# Red cable Length:20mm, IMSN 3mm	/	1	CHT
5	AWG 22# Red cable Length:10mm, IMSN 3mm	/	1	CHT
6	catelectrode contact pads	/	1	CHT
7	catelectrode contact pads	/	1	CHT
8	Chip resistor(T/F RES 2.2K Ω \pm 5%SMD0805)	R1	1	SMT
9	LED, long pin, blue light, Dia=3mm	LED1	1	DIP
11	catelectrode metal pads	/	1	CHT
12	Spring, Cylindrical length:18mm Dia 5mm wire Dia: 0.4mm	/	1	CHT

拟制:林观荣

审核: