

RQ101 pcba BOM list

备注: ECN10507/ECN10532

N0	TYPE	Material Code	Part Description		QTY	location No	Marks
1	P	H-0502-000JB0-B00	resistance, 0 ohm, $\pm 5\%$, 1/16W, 0402	PCS	29	R4, R26, R27, R216, R101, R118, R829, R833, R836, R68, R69, L5, R52, R808, R100, R107, R110, R11, R400, C512, R515, L503, L502, R71, R74, R78, R63, R115, R323	
2	P	H-0502-000JF0-C00	resistance, 0 ohm, $\pm 5\%$, 1/10W, 0603	PCS	1	R17	
3	P	H-0502-02FFC0-D00	resistance, 0.2 ohm, $\pm 1\%$, 1/8W, 0805	PCS	1	R407	
4	P	H-0502-100JB0-B00	resistance, 10 ohm, $\pm 5\%$, 1/16W, 0402	PCS	4	R813, R21, R251, R252	
5	p	H-0502-101JB0-B00	resistance, 100 ohm, $\pm 5\%$, 1/16W, 0402	PCS	11	LZ201, LZ202, R72, R600, R601, R605, R606, R607, R608, R602, R603	
6	P	H-0502-102JB0-B00	resistance, 1K ohm, $\pm 5\%$, 1/16W, 0402	PCS	11	R22, R23, R200, R202, R204, R209, R221, R97, R89, R87, R807	
7	P	H-0502-103JB0-B00	resistance, 10K ohm, $\pm 5\%$, 1/16W, 0402	PCS	5	R214, R18, R28, R831, R61	
8	P	H-0502-104JB0-B00	resistance, 100K ohm, $\pm 5\%$, 1/16W, 0402	PCS	10	R845, R215, R67, R70, R77, R90, R92, R93, R94, R46	
9	P	H-0502-105JB0-B00	resistance, 1M ohm, $\pm 5\%$, 1/16W, 0402	PCS	1	R841	
10	P	H-0502-152JB0-B00	resistance, 1.5K ohm, $\pm 5\%$, 1/16W, 0402	PCS	4	R839, R203, R206, R207	
11	P	H-0502-180JF0-C00	resistance, 18 ohm, $\pm 5\%$, 1/10W, 0603	PCS	1	R406	
12	P	H-0502-221JB0-B00	resistance, 220 ohm, $\pm 5\%$, 1/16W, 0402	PCS	2	R205, R208	
13	P	H-0502-222JB0-B00	resistance, 2.2K, $\pm 5\%$, 1/16W, 0402	PCS	4	R814, R815, R816, R817	
14	P	H-0502-273JB0-B00	resistance, 27K ohm, $\pm 5\%$, 1/16W, 0402	PCS	1	R80	
15	P	H-0502-330JB0-B00	resistance, 33ohm, $\pm 5\%$, 1/16W, 0402	PCS	6	R837, R838, R48, R58, R59, R60	
16	P	H-0502-333JB0-B00	resistance, 33K ohm, $\pm 5\%$, 1/16W, 0402	PCS	1	R213	
17	P	H-0502-391JB0-B00	resistance, 390 ohm, $\pm 5\%$, 1/16W, 0402	PCS	1	R504	
18	P	H-0502-392JB0-B00	resistance, 3.9K ohm, $\pm 5\%$, 1/16W, 0402	PCS	1	R408	

19	P	H-0502-431JB0-B00	resistance, 430 ohm, $\pm 5\%$, 1/16W, 0402	PCS	3	R409, R500, R16	
20	P	H-0502-472JB0-B00	resistance, 4.7K ohm, $\pm 5\%$, 1/16W, 0402	PCS	2	R73, R75	
21	P	H-0502-473JB0-B00	resistance, 47K ohm, $\pm 5\%$, 1/16W, 0402	PCS	13	R119, R120, R121, R122, R123, R124, R842, R29, R76, R66, R503, R612, R613	
22	P	H-0502-51FJB0-B00	resistance, 5.1 ohm, $\pm 5\%$, 1/16W, 0402	PCS	3	R53, R82, L1	
23	P	H-0502-510JB0-B00	resistance, 51 ohm, $\pm 5\%$, 1/16W, 0402	PCS	1	R818	
24	P	H-0502-820JB0-B00	resistance, 82 ohm, $\pm 5\%$, 1/16W, 0402	PCS	2	R806, R809	
25	P	H-0504-100555-271	ESD, SDV1005A5R5C271NPTF Sunlord	PCS	5	ED15, ED10, ED1, ED220, ED221	
	A	H-0504-502200-B00	ESD, AVL5M02200, AMOTECH	PCS	5	ED15, ED10, ED1, ED220, ED221	
26	P	H-0504-100555-400	ESD, 0402, SDV1005E5R5C400NPTF Sunlord	PCS	4	ED11, ED12, ED13, ED14	
	A	H-0504-502050-B00	ESD, 0402, AVLC5S02050, AMOTECH	PCS	4	ED11, ED12, ED13, ED14	
27	P	H-0602-060D8A-B00	capacitance, 6pF, $\pm 0.5\text{pF}$, 50V, COG, 0402	PCS	4	C17, C14, C19, C321	
28	P	H-0602-101J8A-B00	capacitance, 100pF, $\pm 5\%$, 50V, COG, 0402	PCS	3	C203, C208, C504	
29	P	H-0602-102K8D-B00	capacitance, 1nF, $\pm 10\%$, 50V, X7R, 0402	PCS	5	C103, C37, C506, ED202, ED205	
30	P	H-0602-103K4D-B00	capacitance, 10nF, $\pm 10\%$, 16V, X7R, 0402	PCS	1	C516	
31	p	H-0602-104K3C-B00	capacitance, 100nF, $\pm 10\%$, 10V, X5R, 0402	PCS	36	C25, C105, C106, C107, C108, C109, C120, C122, C128, C200, C204, C206, C212, C217, C411, C412, C404, C466, C451, C452, C819, C820, C20, C830, C831, C828, C835, C833, C39, C824, C45, C511, C518, C527, C528, C508	
32	P	H-0602-105K2C-B00	capacitance, 1uF, $\pm 10\%$, 6.3V, X5R, 0402	PCS	20	C3, C29, C12, C64, C402, C410, C406, C408, C453, C454, C455, C822, C821, C826, C11, C46, C510, C517, C501, C502	
33	P	H-0602-105Z4E-C00	capacitance, 1uF, +80-20%, 16V, Y5V, 0603	PCS	1	C400	
34	P	H-0602-106M2C-D00	capacitance, 10uF, $\pm 20\%$, 6.3V, X5R, 0805	PCS	5	C201, C202, C207, C213, C1	
35	P	H-0602-120J8A-B00	capacitance, 12pF, $\pm 5\%$, 50V, COG, 0402	PCS	10	ED201, ED203, C5, C250, C222, C223, C523, C524, C520, C67	
36	P	H-0602-15FC8A-B00	capacitance, 1.5pF, $\pm 0.25\text{pF}$, 50V, COG, 0402	PCS	1	C818	
37	P	H-0602-180J8A-B00	capacitance, 18pF, $\pm 5\%$, 50V, COG, 0402	PCS	4	C814, C816, C30, C340	

38	P	H-0602-181J8A-B00	capacitance, 180pF, $\pm 5\%$, 50V, COG, 0402	PCS	1	C522	
39	P	H-0602-220J8A-B00	capacitance, 22pF, $\pm 5\%$, 50V, COG, 0402	PCS	4	C101, C102, C13, C521	
40	P	H-0602-221J8A-B00	capacitance, 220pF, $\pm 5\%$, 50V, COG, 0402	PCS	2	C22, C18	
41	P	H-0602-223K3D-B00	capacitance, 22nF, $\pm 10\%$, 16V, X7R, 0402	PCS	1	C221	
42	P	H-0602-224K3C-B00	capacitance, 220nF, $\pm 10\%$, 10V, X5R, 0402	PCS	1	C832	
43	P	H-0602-225K2C-C00	capacitance, 2.2uF, $\pm 10\%$, 6.3V, X5R, 0603	PCS	4	C4, C218, C823, C825	
44	P	H-0602-330J8A-B00	capacitance, 33pF, $\pm 5\%$, 50V, COG, 0402	PCS	37	C2, C36, C43, C205, C209, C210, C211, C214, C216, C220, C251, C252, ED3, ED4, ED5, ED6, ED204, ED400, ED401, ED402, ED403, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C829, C48	
45	P	H-0602-361J6A-B00	capacitance, 360pF, $\pm 5\%$, 25V, COG, 0402	PCS	1	C525	
46	P	H-0602-390J8A-B00	capacitance, 39pF, $\pm 5\%$, 50V, COG, 0402	PCS	2	C813, C38	
47	P	H-0602-470J8A-B00	capacitance, 47pF, $\pm 5\%$, 50V, COG, 0402	PCS	1	C33	
48	P	H-0602-472K3C-B00	capacitance, 4.7nF, $\pm 10\%$, 10V, X5R, 0402	PCS	1	C526	
49	P	H-0602-473Z4E-B00	capacitance, 47nF, +80-20%, 16V, Y5V, 0402	PCS	1	C104	
50	P	H-0602-475K2C-C00	capacitance, 4.7uF, $\pm 10\%$, 6.3V, X5R, 0603	PCS	6	C409, C35, C401, C403, C405, C407	
51	P	H-0602-68FC8A-B00	capacitance, 6.8pF, $\pm 0.25\text{pF}$, 50V, COG, 0402	PCS	4	C817, C41, C23, C27	
52	P	H-0602-820D8A-B00	capacitance 82pf, $\pm 5\%$, 50V, COG, 0402	PCS	2	C40, C34	
53	P	H-0701-120JB1-001	inductance, 12nH, $\pm 5\%$, 0402, SDCL1005C12NJTDF, Sunlord	PCS	1	C815	
	A	H-0701-120JB1-000	inductance, 12nH, $\pm 5\%$, 0402, LQG12HS15NJ02D, Murata	PCS	1	C815	
54	P	H-0701-15FSB1-001	inductance, 1.5nH, $\pm 0.3\text{nH}$, 0402, SDCL1005C1N5STDF, Sunlord	PCS	2	L506, C361	
	A	H-0701-15FJB0-000	inductance, 1.5nH, $\pm 0.3\text{nH}$, 0402, , HK10051N5S-T, Taiyo-yuden	PCS	2	L506, C361	
	A	H-0701-15FSB1-000	inductance, 1.5nH, $\pm 0.3\text{nH}$, 0402, LQG15HS1N5S02D, Murata	PCS	2	L506, C361	
55	P	H-0701-150JB1-001	inductance, 15nH, $\pm 5\%$, 0402, SDCL1005C15NJTDF, Sunlord	PCS	2	L803, L305	
	A	H-0701-150JB0-000	inductance, 15nH, $\pm 5\%$, 0402, , HK100515NJ-T, Taiyo-yuden	PCS	2	L803, L305	

	A	H-0701-150JB1-000	inductance, 15nH, $\pm 5\%$, 0402, LQG15HS15NJ02D, Murata	PCS	2	L803, L305	
56	P	H-0701-220JB1-001	inductance, 22nH, $\pm 5\%$, 0402, SDCL1005C22NJTDF, Sunlord	PCS	2	L7, L3	
	A	H-0701-220JB0-000	inductance, 22nH, $\pm 5\%$, 0402, HK100522NJ, Taiyo-yuden	PCS	2	L7, L3	
	A	H-0701-220JB1-000	inductance, 22nH, $\pm 5\%$, 0402, LQG15HS22NJ02D, Murata	PCS	2	L7, L3	
57	P	H-0701-43FJB1-001	inductance, 4.3nH, $\pm 0.3\text{nH}$, 0402, SDCL1005C4N3STDF, Sunlord	PCS	2	L8, L804	
	A	H-0701-43FJB1-000	inductance, 4.3nH, $\pm 5\%$, 0402, LQG15HS4N3S02D, Murata	PCS	2	L8, L804	
	A	H-0701-43FJB0-000	inductance, 4.3nH, $\pm 5\%$, 0402, HK10054N3S-T, Taiyo-yuden	PCS	2	L8, L804	
58	P	H-0801-100510-200	0402magnetic bead(1000 ohm), HZ1005K102TF, SUNLORD	PCS	4	LZ207, LZ208, LZ1, LZ2	
	A	H-0801-15102S-000	0402magnetic bead(1000 ohm), BLM15HD102SN1, MURATA	PCS	4	LZ207, LZ208, LZ1, LZ2	
59	P	H-0801-100575-000	magnetic bead, 75 ohm, 0402, SZ1005G750TF, Sunlord	PCS	4	LZ203, LZ204, LZ101, LZ102	
	A	H-0801-15750S-000	magnetic bead, 75 ohm, 0402, BLM15BB750SN1D, Murata	PCS	4	LZ203, LZ204, LZ101, LZ102	
60	P	H-1100-631301-000	schottky diode, SIG631E30T1G, SOD-523, SIG	PCS	2	D413, D801	
	A	H-1100-521S30-000	schottky diode, RB521S-30TE61, ROHM	PCS	2	D413, D801	
	A	H-1100-DSF521-000	schottky diode, DSF521, TOSHIBA	PCS	2	D413, D801	
61	P	H-1401-BF6521-000	Audio Amplifier, BF6521AC2, WCSP, BYD	PCS	1	U201	
	A	H-1401-SN4990-A00	Audio Amplifier, SN4990AIF09E, SI-EN	PCS	1	U201	
62	P	H-1401-367050-002	MCP, PSRAM+NOR FLASH(128Mb+32Mb), M36L0T7050T3ZAQF, ST	PCS	1	U101	
63	P	H-1401-006302-000	SIM chip, 3x3x0.85mm, AW6302QNR, QFN-20L, AWINIC	PCS	1	U403	
64	P	H-1401-AD6548-000	IC, RF Transceiver, AD6548, MTK	PCS	1	U12	
65	P	H-1401-MT6223-DAL	MTK chip, MT6223DA-L, MTK	PCS	1	U100	
66	P	H-1401-001742-000	IC, UHS-INVERTER, NL17SZ04DFT2G, SC70-5, ON SEMI	PCS	1	U404	
67	p	H-1401-000701-000	IC, DSP, AIT701U, ALPHA	PCS	1	U804	
68	P	H-1401-120228-000	LDO(2.8V, 300mA), RP1202-28GB, RICHPOWER	PCS	2	U2, U7	

69	P	H-1401-120233-000	LDO(3. 3V, 300mA), RP1202-33PB, RICHPower	PCS	1	U805	
70	P	H-1200-000225-000	PNP triode(BRT), SIG225LT1G, SOT23, SIG	PCS	1	Q801	
71	P	H-1401-TPCF8B-010	FET, TPCF8B01, TOSHIBA	PCS	1	U3	
	A	H-1401-SI5853-DCT	FET, SI5853CDC-T1-E3, VISHAY	PCS	1	U3	
	A	H-1401-02005B-000	MOSFET WITH SCHOTTKY, WPM2005B-8/TR, DFN3x2-8L, WILL	PCS	1	U3	
72	P	H-1401-077542-000	SKY77542, MCM 7x6x0. 9mm, SKYWORKS	PCS	1	U14	
73	P	H-1501-HZ336G-L80	0603 LED(白), BL-HZ336G-L8-TRB, BRIGHT	PCS	8	LD600, LD601, LD602, LD603, LD604, LD605, LD606, LD607	
	A	H-1501-0603W0-009	0603 LED(白), 0. 35mmH, AOT-0603W331A-NO-X-3-M, AOT	PCS	8	LD600, LD601, LD602, LD603, LD604, LD605, LD606, LD607	
	A	H-1501-0603W0-005	0603 LED(白), HT-193BP5, HARVATEK	PCS	8	LD600, LD601, LD602, LD603, LD604, LD605, LD606, LD607	
	A	H-1501-0603W0-000	0603 LED(白), LTW-C193SN5, LITE-ON	PCS	8	LD600, LD601, LD602, LD603, LD604, LD605, LD606, LD607	
74	P	H-1800-140881-550	Filter(850), SF14-0881M5UB50/A1, KYOCERA	PCS	1	SF301	
75	P	H-1800-141960-550	Filter(PCS), SF14-1960M5UB50/A1, KYOCERA	PCS	1	SF1	
76	P	H-1800-009418-100	Filter(DCS/EGSM), EFCH9418TDL1, PANASONIC	PCS	1	SF2	
77	P	H-1800-BF2G45-000	Filter(2. 45GHz), TBF1608245R2, CYNTEC	PCS	1	SF500	
	A	H-1800-BF2G45-001	Filter(2. 45GHz), RFBPF1608070AOT, WALSIN	PCS	1	SF500	
78	P	H-2103-01015T-P01	Mini USB Socket, 10pins, USBSN-01015-TP00(UAF04-10374-1507), LCN	PCS	1	USB401	
79	P	H-2105-00615T-P31	SIM linker, 1. 80mmH, SIMMS-00615-TP31(CAF99-06183-1503), LCN	PCS	2	SIM1, SIM400	
	A	H-2105-251018-001	SIM linker, 16. 1x16. 4x1. 8mmH, WKSM010-1911,	PCS	2	SIM1, SIM400	
80	P	H-2107-370347-000	battery linker, 3PIN, PAN37-03476-1002, LCN	PCS	1	U9	
81	P	H-1401-SN7325-000	IC, I/O DRIVE, SN7325A424E, WQFN-24, SI-EN	PCS	1	U13	
82	P	H-2112-110819-000	T-FLASH socket, 1. 9mmH, CAH11-08193-SF01, LCN	PCS	1	TF100	
	A	H-2112-110819-001	T-FLASH socket, 1. 93mmH, WKTFH010-S01,	PCS	1	TF100	
83	P	H-2200-000261-000	26MHz Crys(3225), 11. 2pF, ± 10 ppm, X1E000021031400, EPSON	PCS	1	U803	

	A	H-2200-7M2600-018	Crys, 26M, 11pf, 10ppm, 3.2mm×2.5mm, 7M26000018 ,TX0	PCS	1	U803	
	A	H-2200-26M000-203	26MHz Crys(3225, 11.2pF, ±10ppm), HLX-K-F-26.000M-11.2-	PCS	1	U803	
84	P	H-2200-426430-000	26MHz Crys(3225), ±10ppm, 8.5pF, 3.2x2.5mm, TN4-26430, EPSON	PCS	1	X501	
	A	H-2200-000261-010	26MHzCrys(3225), ±10ppm, 8.5pF, 3.2×2.5mm, 7M26000314, TXC	PCS	1	X501	
	A	H-2200-TZ0928-A00	26MHz Crys, TZ0928A ,TAI-SAW	PCS	1	X501	
85	P	H-1401-005802-E00	FM Chip,4x4mm,RDA5802E,RDA	PCS	1	U503	
	A	H-1401-001080-000	FM/AM Chip, BK1080QB, QFN24, BEKEN	PCS	1	U503	
86	P	H-1401-MT6601-000	IC, Bluetooth, 5×5mm, MT6601T, MTK	PCS	1	U501	
87	P	H-2200-32K768-002	32.768KHz Chip, 12.5pF, , ±20ppm, Q13MC1461 (MC-146), EPSON	PCS	1	X100	
	A	H-2200-32K768-001	32.768KHz Chip, 12.5pF, , ±20ppm, SSP-T7-F, SII	PCS	1	X100	
	A	H-2200-32K768-000	32.768KHz Chip, 12.5pF, ±20ppm, MS3V-T1R, MICRO	PCS	1	X100	
88	P	H-2108-065060-100	earphone socket (Φ3.5mm), JAF00-06506-0100, LCN	PCS	1	J200	
89	P	H-2302-A05105-000	PCB board, A051-MB-V0.5, 1.0mmH, 4LAYERS	PCS	1		
90	P	H-5303-310000-000	BM310	PCS	1		
91	P	H-7410-015030-000	Sticker 15×30mm	PCS	1		