

RTR-900ZM Part list

ZD7 820 332 A chip components

No	name	model	Qty	Position	Remarks
10	PCB board	ZD7 820 332 A VER8.0	1		
1	capacitor	C1608X5R1A105M	2	CB1、CB2	
2	capacitor	C1005Y5V1C104Z	9	C1、C2、C3、C4、C5、C6 、C7、C8、C11	
3	capacitor	C1608COG1H101J	2	C9、C10	
4	resistor	RC-03-K-000-J-T	2	R4、RB5	
5	resistor	RC-03-K-101-J-T	3	R2、R3、RS1	
	resistor	RC-03-K-332-J-T	1	C12	
6	resistor	RC-03-K-103-J-T	2	RB1、RB2	
7	resistor	RC-03-K-473-J-T	2	RB3、RB4	
8	manetic bead	CB160808-601	3	LL3、LL4、LL5	
9	connector	FPC-PH0.5mm-32P	1	J1	

ZD7 820 332 A Stick components

No	name	model	Qty	Position	Remarks
1	conductor	101K	2	LV1、LV2	
2	ES manetic bead	ES357508	2	LL1、LL2	
3	Elect. Capacitor	GS-100UF/16V (5×11)	1	CS2	
4	Elect. Capacitor	GS-220UF/10V (6.3×11)	2	CV1、CV2	
5	Elect. Capacitor	GS-470UF/10V (8×11.5)	1	CS1	
13	connector	ZH-3AW (1.5mm)	1	J4	
14	connector	XH-7A (2.5mm)	1	J1	
15	lead cotton	10t×11×20mm	1		XXXXXXXXXX
16	Flat cable	FPC0.5-32P-50mm	1	used for connection of 332-315	

ZD7 820 332 B stick components

No	Name	Model	Qty.	Position	Remark
1	PCB board	ZD7 820 332 B VER5.0	1		
2	Tuner	JS-6B2/121	1	T1	

ZD7 820 332 C stick components

No	Name	Model	Qty	Position	Remark
1	PCB	ZD7 820 332 C VER5.0	1		
2	Switching	SK-22DO1-PG5	1	S1	
3	power socket	DC-004	1	P1	
4	AV socket	ST-011	1	J4	

ZD7 820 365 stick components

No	Name	Model	Qty.	Position	Remark
1	PCB board	ZD7 820 365 VER2.0	1		
2	button	TC-00104A-00	7	KS1-2、KS2-2、S1-2、S2-2 、S3-2、S4-2、S5-2	
3	sensor	PCI-1018SMD	1	ICS1-3	
4	Elect. Capacitor	GS-100UF/10V (5×11)	1	CS6-2	

5	connector	ZH-3AW (1.5mm)	2	JP1、JP2	
6	connector	ZH-6AW (1.5mm)	1	JP3	

ZD7 820 365 cable list

7	Connector	AWG30# ZH-6Y-150mm	1		
8	connector	AWG30# ZH-3Y-180mm	1		
9	connector	AWG30# ZH-3Y-130mm	1		
10	connector	AWG22# -100mm-φ2	1		connect 315 with LCD

ZD7 820 316 chip components

No	Name	Model	Qty	Position	Remar
1	PCB board	ZD7 820 316 VER8.0	1		
2	connector	FPC-PH0.5mm-32P	1	CN3	
3	connector	FPC-PH0.5mm-40P	1	CN15	
4	capacitor	C1005Y5V1C104Z	48	C4、C5、C7、C8、C10、C13、C17、C18、C19、C20、C21、C22、C23、C24、C25、C27、C28、C29、C30、C32、C34、C36、C37、C38、C88、C91、C92、C94、C111、C112、C132、C135、C138、C141、C142、C143、C144、C147、C148、C149、C151、C153、C154、C155、C156、C158、C163、C164	
5	capacitor	C1608X7R1H103K	2	C6、C11	
6	capacitor	C1608COG1H331J	12	C133、C134、C136、C137、C139、C140、C145、C146、C159、C160、C161、C162	
7	capacitor	C1608COG1H300J	2	C14、C15	
8	capacitor	C1608COG1H220J	2	C104、C106	
9	capacitor	C1608COG1H100D	1	C110	
10	tantalum capacitor	TCSCE0J227MDAR	1	C9	220UF/6.3V/D type
11	tantalum capacitor	TCSCE0J226MBAR	9	C16、C26、C31、C33、C35、C89、C90、C93、C113	22UF/6.3V/B type
12	tantalum capacitor	TCSCE0J106MAAR	5	C114、C150、C152、C157、C165	10UF/6.3V/A type
13	diode	SOT23-IN4148	2	D9、D10	
14	inductor	CI160808-3R3	6	L31	
15	manetic bead	CB201209-601	12	L12、L14、L15、L27、L28、L29	
16	resistor	RC-03-K-000-J-T	2	R136、R139	
17	resistor	RC-03-K-100-J-T	1	R26	
18	resistor	RC-03-K-220-J-T	1	R98	
19	resistor	RC-03-K-330-J-T	2	R28、R29	
20	resistor	RC-03-K-750-J-T	6	R132、R133、R134、R135、R142、R143	
21	resistor	RC-03-K-101-J-T	5	R31、R32、R33、R138、R140	
22	resistor	RC-03-K-3900-F-T	1	R24	390 (1%)
23	resistor	RC-03-K-471-J-T	1	R23	
24	resistor	RC-03-K-472-J-T	1	R137	
25	resistor	RC-03-K-103-J-T	2	R25、R141	

26	resistor	RC-03-K-105-J-T	2	R30、R96	
27	network resistor	CRN16084R-330-J-T	7	RN3、RN4、RN5、RN6、 RN7、RN8、RN9	
28	crystal	20PF -10~+80℃ Precision=20PPM	1	X2	(H=2.8mm)
29	crystal	HC-49SMD-27MHz	1	X3	(H=2.8mm)
30	IC	MST501V	1	U4	
31	IC	LM1117-3.3	1	U11	
32	IC	LM1117-2.5	2	U12、U14	
33	IC	TW9906	1	U13	

ZD7 820 315 chip components

No	Name	Model	Qty	Position	Remarks
1	PCB board	ZD7 820 315 VER9.0	1		
2	connector	FPC-PH0.5mm-32P(下接)	1	CN14	
3	connector	FPC-PH0.5mm-40P(上接)	1	CN15	
4	connector	SM02B-BHSS-1-TB	1	CN10	
5	capacitor	C3225Y5V1E106Z	1	C131	
6	capacitor	C2012X7R1C105M	10	C51、C52、C53、C54、 C56、C68、C69、 C70、	
7	capacitor	C1608X5R1A105M	3	C128、C129、C130	
8	capacitor	C1608X5R1A474M	1	C125	
9	capacitor	C1005Y5V1C104Z	14	C73、C76、C80、C81、 C82、C83、C86、C87、 C119	
10	capacitor	C1608X7R1H103K	2	C126、C127	
11	capacitor	C1608X7R1H222K	5	C122	
12	capacitor	C1608COG1H471J	1	C124	
13	capacitor	C1608COG1H221J	1	C67	
16	capacitor	C1608COG1H560J	1	C123	
14	capacitor	C1608COG1H330J	1	C65	
15	capacitor	C1608COG1H220J	2	C2、C3	
16	capacitor	C1608X7R1H472K	2	C166、C167	
17	diode	SOT23-IN4148	2	D1、D18	
18	diode	SMB(DO-214AA)-SK24	2	D7、D8	
19	diode	SOT23-MMBZ5V6ALT1	2	D2、D3	
20	diode	SOT23-MMBD7000	3	D4、D5、D6	
21	diode	SOT23-ISS226	1	D11	
22	diode	SOD80C-ZMM5231B	3	D13、D14、D15	
23	diode	SMA(D0-214AC)-M1	2	D16、D17	
24	transistor	2SC1815Y	7	Q3、Q4、Q5、Q6、Q7、Q9 、Q11	
25	inductor	CDH127-68UH	1	L9	
26	inductor	SPRH74-100	1	L21	
27	manetic bead	CB201209-101	1	L13	
28	manetic bead	CB201209-601	6	L4、L5、L6、L8、L11 、L18	
29	manetic bead	CB160808-601	8	L32、L33、L34、L35、L36 、L37、L38、L39	

30	resistor	RC-03-K-000-J-T	3	R14、R15、R123、	
31	resistor	RC-03-K-330-J-T	1	R129	
32	resistor	RC-03-K-750-J-T	8	R61、R62、R64、R65、R66、R68、R130、R131	
33	resistor	RC-03-K-101-J-T	5	R5、R6、R17、R18、R51	
34	resistor	RC-05-K-221-J-T	2	R37、R42	
35	resistor	RC-03-K-221-J-T	3	R69、R70、R71	
36	resistor	RC-03-K-681-J-T	2	R114、R122	
37	resistor	RC-03-K-102-J-T	2	R48、R52	
38	resistor	RC-03-K-122-J-T	1	R74	
39	resistor	RC-03-K-222-J-T	1	R49	
40	resistor	RC-03-K-392-J-T	1	R72	
41	resistor	RC-03-K-472-J-T	6	R13	
42	resistor	RC-03-K-512-J-T	2	R115、R116	
	resistor	RC-03-K-752-J-T	1	R86	
55	resistor	RC-03-K-822-J-T	1	R39	
44	resistor	RC-03-K-103-J-T	12	R3、R4、R53、R75、R77、R79、R84、R85、R87、R128、R144、R145	
45	resistor	RC-03-K-153-J-T	6	R40、R60、R63、R67、R113、R127	
46	resistor	RC-03-K-223-J-T	5	R121	
47	resistor	RC-03-K-333-J-T	4	R76、R80、R81、R88	
48	resistor	RC-03-K-473-J-T	10	R50、R58、R77、R78、R79、R82、R83、R89、R100	
49	resistor	RC-03-K-513-J-T	1	R125	
50	resistor	RC-03-K-683-J-T	1	R124	
51	resistor	RC-03-K-8202-F-T	1	R118	82K (1%)
52	resistor	RC-03-K-104-J-T	1	R119	
53	resistor	RC-03-K-824-J-T	1	R117	
54	resistor	RC-03-K-105-J-T	1	R16	
55	resistor	RC-03-K-225-J-T	1	R126	
56	network resistor	CRN16084R-330-J-T	1	RN10	
57	network resistor	CRN16084R-103-J-T	2	RN1、RN2	
58	IC	AT24C16	1	U1	
59	IC	PLCC44-W78E65P-40	1	U2	need to write software
60	IC	HEF4052B	1	U7	
61	IC	AP1509-ADJ	1	U8	
62	IC	AO4801H	2	U9、U10	
63	IC	BIT3107	1	U15	
64	IC	AO4606	2	U16、U17	

ZD7 820 315 stick components

No	Name	Model	Qty	Position	Remarks
1	connector	PH-4A	1	CN1	
2	connector	ZH-2AW	2	CN5、CN6	
3	connector	ZH-6AW	1	CN2	
4	connector	XH-7A (2.5mm)	1	CN13	

5	electr. Capacitor	SS-10UF/16V (4×5)	2	C49、C59	
6	electr. Capacitor	GS-22UF/10V (5×11)	2	C1、C117	
7	electr. Capacitor	SS-47UF/16V (6.3×5)	2	C47、C55	
8	electr. Capacitor	GS-220UF/25V (8×11.5)	4	C62、C74、C75、C85	
9	electr. Capacitor	GS-470UF/10V (8×11.5)	3	C77、C78、C79	
10	inductor	LCH895-56UH	1	L10	
11	fuze	2.5A (2AG-0229 002)	1	F1	
12	IC	TDA7053A	1	U6	
13	transformer	MPT3610	1	U18	
14	crystal	HC-49-22.1184MHz-16PF	1	X1	
15	socket	DSW-3	1	J5	
16	socket	RS-1131 (yellow)	1	J4	
17	socket	RS-1131 (red)	1	J3	
18	socket	RS-1131 (white)	1	J2	
19	socket	CKX3-3.5-24	1	J1	
20	socket	D-SUB-15 pin(stand type)	1	J6	

Cable List

No	Name	Model	Qty	Position	Remarks
1	connector	2.5×7P×100mm(24#)	1		connect 315-332A
2	connector	AWG28# ZH-2Y 300mm	1		
3	connector	AWG28# ZH-2Y 180mm	1		
4	flat cable connector	FPC0.5-40P-130mm	1	with masking	connect 315-316
5	flat cable connector	FPC0.5-32P-170mm	1		
6	speaker	ESE2040L22-06-16Ω-1W	2		
7	LCD	LQ092Y3DG01	1		
8	aluminium piece	30×80 (with glue)	1		
9	aluminium piece	30×140 (with glue)	1		
	aluminium piece		1		
10	aluminium piece	50×110 (with glue)	1		
11	aluminium piece	30×220 (with glue)	2		

Remote controller part list

No	Name	Model	Qty	Position	Remarks
1	PCB board	ZD7.820.169 VER1.0	1		
2	resistor	RC-05-K-100-J-T	1	R2	
3	resistor	RC-03-K-102-J-T	1	R1	
4	capacitor	C1608COG1H221J	2	C1、C2	
5	tantalum elect. Capacitor	CA45-334-B-J	2	C3、C4	
6	transistor	2SC1815	1	Q1	
7	IC	SC6122-001	1	U1	
8	IR diode	IE-0320HP	1	D1	
9	crystal	455E	1	Z1	
10	remote electrode		1	1set	
11	screw	1.4*4K/M	2		
12	screw	1.7*5K/M	4		

13	front plastic case		1	
14	back plastic case		1	
15	battery door		1	
16	cell button battery	CR2025	1	
17	battery insulation		1	
18	electric conduction plate	CT-V830	1	
19	PVC plate	CT-V831	1	
20	PE bag	131×71mm	1	

Hardware/plastic/packing part list

No	Name	Model	Qty	Position	Remarks
1	Front cabinet	CT-DVB960A	1		
2	back cabinet	CT-DVB960A	1		
3	button	CT-V930	1		
4	remote window	CT-V930	1		
5	stand	CT-V830	1		
6	writhe tooth	CT-V830	2		
7	writeh axit	CT-V830	2		
8	stand locker	CT-V830	1		
9	insulation	68×68mm	1	used for LCD driver	
10	EVA glue	55x12x1mm	5		
11	stiff rubber with glue	10x7.5x4mm	1	used for sensor	
12		10x7.5x3mm	1		
13	EVA glue	10x10x5mm	1	for fixing stand locker	
14	PVC insulation	55x14x0.1mm	1		
15	stiff rubber mat	40x25x6mm	1	for PCB board 332 between 315	
16	LCD pressor	CT-V505	8	for fixing LCD	
			2	for pressing writhe	
17	screw	M1.4×5 K/A	2		
18	screw	M1.7×5 B/A	6	button PCB + back cabinet	
19	screw	M2×4 B/B	2		
20	screw	M2.0×6 B/A	4	LCD pressor back cabinet	
			8	speaker + front cabinet	
21	screw	M2.3×6 B/A	11	main PCB board + back cabinet	
22	screw	M2.3×6 B/A	16	LCD pressor back cabinet	
23	screw	M2.6×12 P/A black	7	back cabinet + front cabinet	

Packing Part List

No	Name	Model	Qty		
1	unti back rating label	50x40mm	1		
2	Name plate	CT-V581	1	41.8x7.8x1.5mm	
3	Warranty card		1		
5	SN nr label		1		
6	bag for unit	CT-V830	1		
7	color box	3# color box	1	370x100x235	

8	inner paper box	5# paper card	1		
9	accessory box	3# box	1	225x72x95mm	
10	big bag for carton		1		
11	export carton	3# carton	1	530x385x495mm	

Accessory List

No	Name	Model	Qty		Remarks
1	AC/DC adapter	SP1402500-W01	1		
2	Rod antenna		1		
3	AV inputcable		1	RCA white/red/yellow	1.5m
3	AV inputcable		1		
4	remote controller		1		
5	user manual		1		
6	earphone		1		
7	stand		1		
8	Car adapter		1		