

SERVICE MANUAL

STEREO RADIO RECEIVER

SPECIFICATIONS

Frequency range	CR-LA30 FM: 87.5 – 108 MHz AM: 530 – 1,605 kHz CR-LA30D FM/TV(1~3ch): 76 – 108 MHz AM: 530 – 1,605 kHz
Maximum output	7 mW + 7 mW (EIAJ 32 ohms)
Power source	DC 1.5 V using an R03 (size AAA) battery
Output	Headphones jack (Stereo mini jack)
Maximum dimensions	43 (W) × 80.2 (H) × 16 (D) mm
Weight	Approx. 35 g (excluding battery)

- Design and specifications are subject to change without notice.

ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

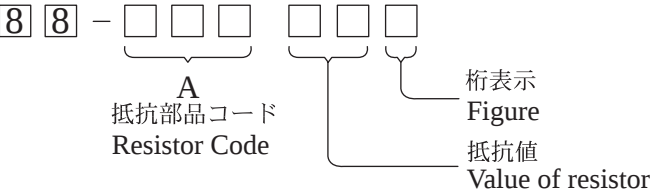
REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
IC				CF1	S2-310-012-600		CER FILTER SFT10.7MS23H-A
				CF2	S2-110-011-100		CER FILTER 450KHZ PFB450JR
	87-001-815-080	IC,TA7371AF		CF3	S2-310-010-800		DISCRMINATOR FILTER 10.7MG18-A
	87-A20-076-040	IC,TA2022AFN					<DY1S>
	87-A21-126-040	IC,NJM2096M		CF3	S2-310-011-800		DISCRMINATOR FILTER 10.7MG16-M
							<EXCEPT DY1S>
TRANSISTOR				JK1	S1-210-012-900		JACK,HP ST 3.5MM
	89-503-025-080	C-FET,2SK302GR		L3	S7-810-030-000		BAR,ANT AM 114:50T
	S0-084-700-030	C-TR,BC847C		L4	S1-110-013-600		COIL,OSC AM 5-5-6
	S0-085-700-020	C-TR BC857B		L9	87-005-286-080		C-COIL,1UH
				L10	87-005-286-080		C-COIL,1UH
				L11	87-005-286-080		C-COIL,1UH
MAIN C.B				L12	87-A50-009-080		C-COIL,22UH
	BPF1	S4-110-010-001	BAND PASS FILTER 76-108MHZ<DY1S>	PVC1	S2-010-013-200		PVC,AM/FM 16-16-6
	BPF1	S4-110-010-401	BAND PASS FILTER GFMB3 88-108M	SW1	S3-110-020-200		SW,SHDE SSSS82
			<EXCEPT DY1S>	SW2	S3-110-019-800		SW,SLIDE SKY23001-G2-0A
C12	87-015-994-810	CAP,E 220UF-4V		T1	S3-010-012-602		FM 5-5-6 MT243-1135(ORN)
C110	87-010-073-080	CAP,E 3.3UF-50V		T2	S1-010-012-701		IFT,AM 5-5-6(YEL)
C213	87-010-587-070	CAP,E 100UF-2V		VR1	S1-010-010-100		VR,VTN15A50K-9322(CRSP20)
				VR2	S4-010-310-000		CHIP TYPE VR TMC3K-B10K-TR
C214	87-010-587-070	CAP,E 100UF-2V					
C215	87-010-587-070	CAP,E 100UF-2V<DY1S>					
C215	87-010-502-010	CAP,E 100UF-4V<EXCEPT DY1S>					
C219	87-010-587-070	CAP,E 100UF-2V					
C220	87-010-587-070	CAP,E 100UF-2V					

- Regarding connectors, they are not stocked as they are not the initial order items.
The connectors are available after they are supplied from connector manufacturers upon the order is received.

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

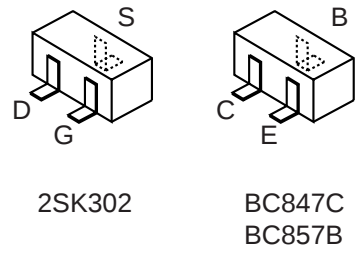
Chip Resistor Part Coding



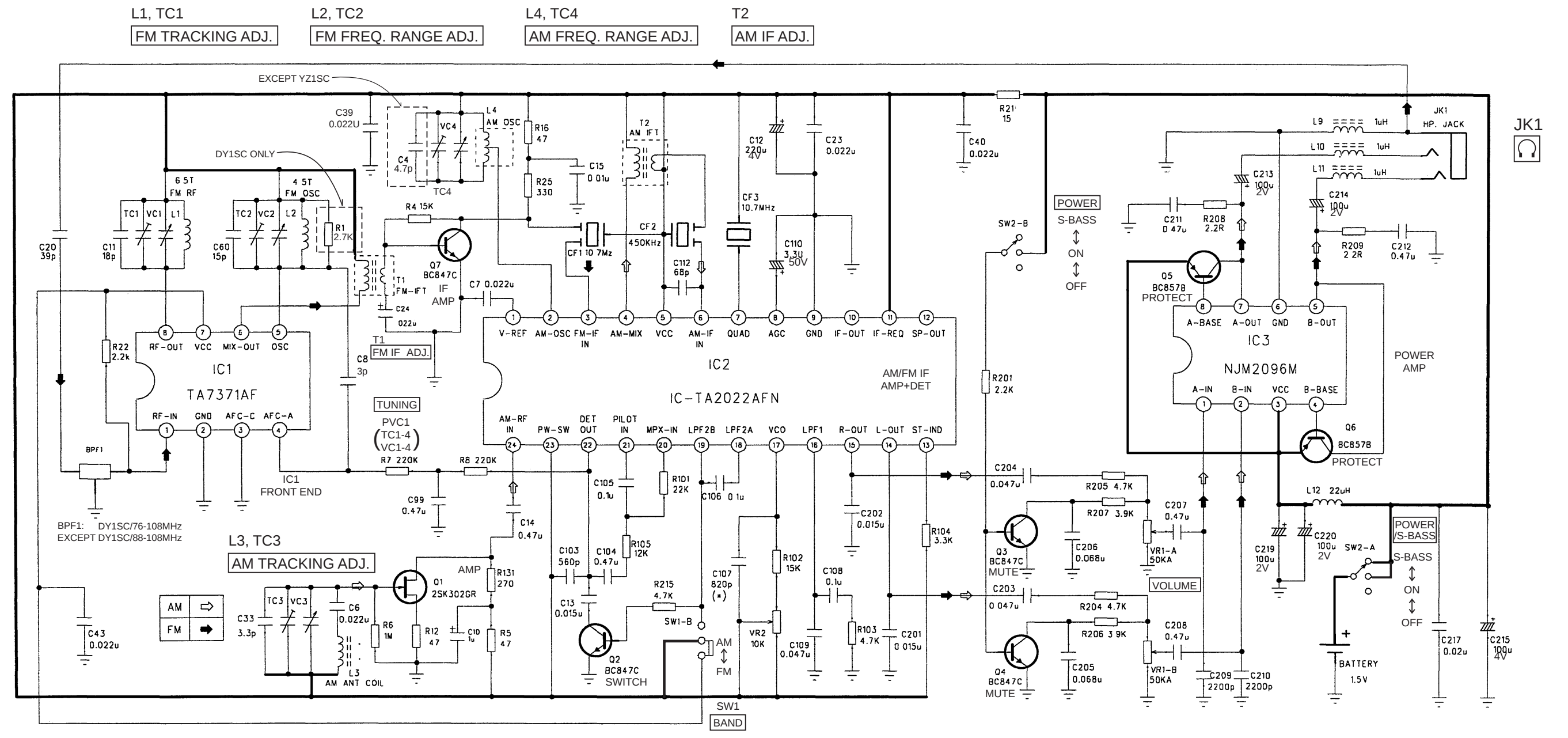
チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)				抵抗コード : A Resistor Code : A
				外形／Form	L	W	t	
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION



MAIN C.B



IC1	1	2	3	4	5	6	7	8
AM	0.67	0	-	0	1.43	0	0.7	1.43
FM	0.7	0	-	0	1.36	1.36	1.36	1.36

IC3	1	2	3	4	5	6	7	8
ON	0	0	1.48	0.8	0.7	0	0.7	0.85

IC2	1	2	3	4	5	6	7	8	9	10	11	12
AM	0.9	1.43	0.9	0.75	1.43	1.43	1.43	-	0	-	1.43	-
FM	0.9	1.36	0.9	-	1.36	1.36	1.36	-	0	-	1.36	-

IC2	13	14	15	16	17	18	19	20	21	22	23	24
AM	-	0.55	0.55	-	-	-	1.43	-	0.1	0.78	1.43	0.9
FM	-	0.55	0.55	-	1.26	-	-	0.1	0.1	0.9	1.36	0

Q3,Q4	E	C	B
BASS OFF	0.64	0	0
BASS ON	-	0	0

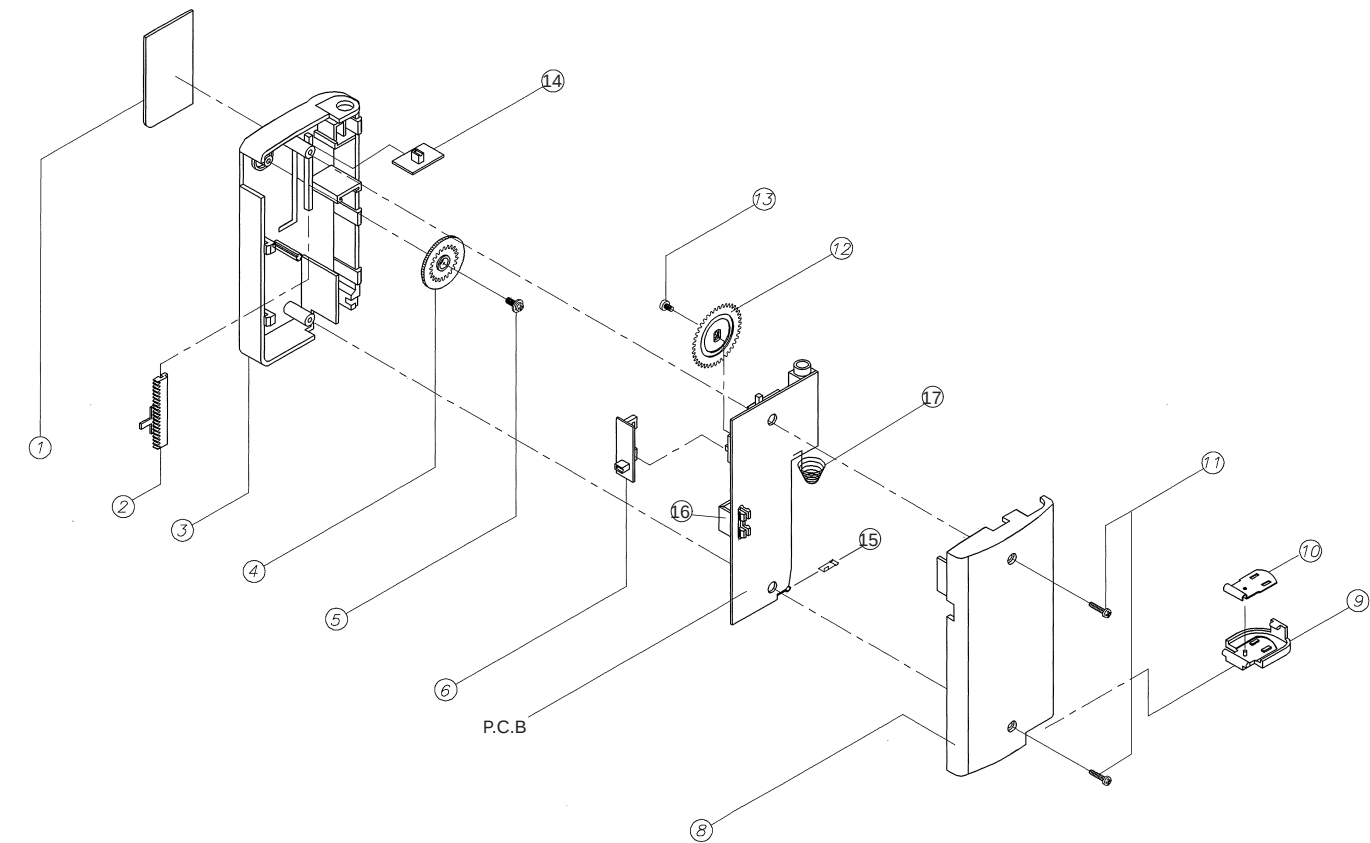
Q2	E	C	B
AM	0.64	0	0
FM	0	0	0

Q1	G	S	D
ON	0	0.65	1.28

Q5,Q6	E	C	B
ON	1.48	0.7	0.8

NOTE





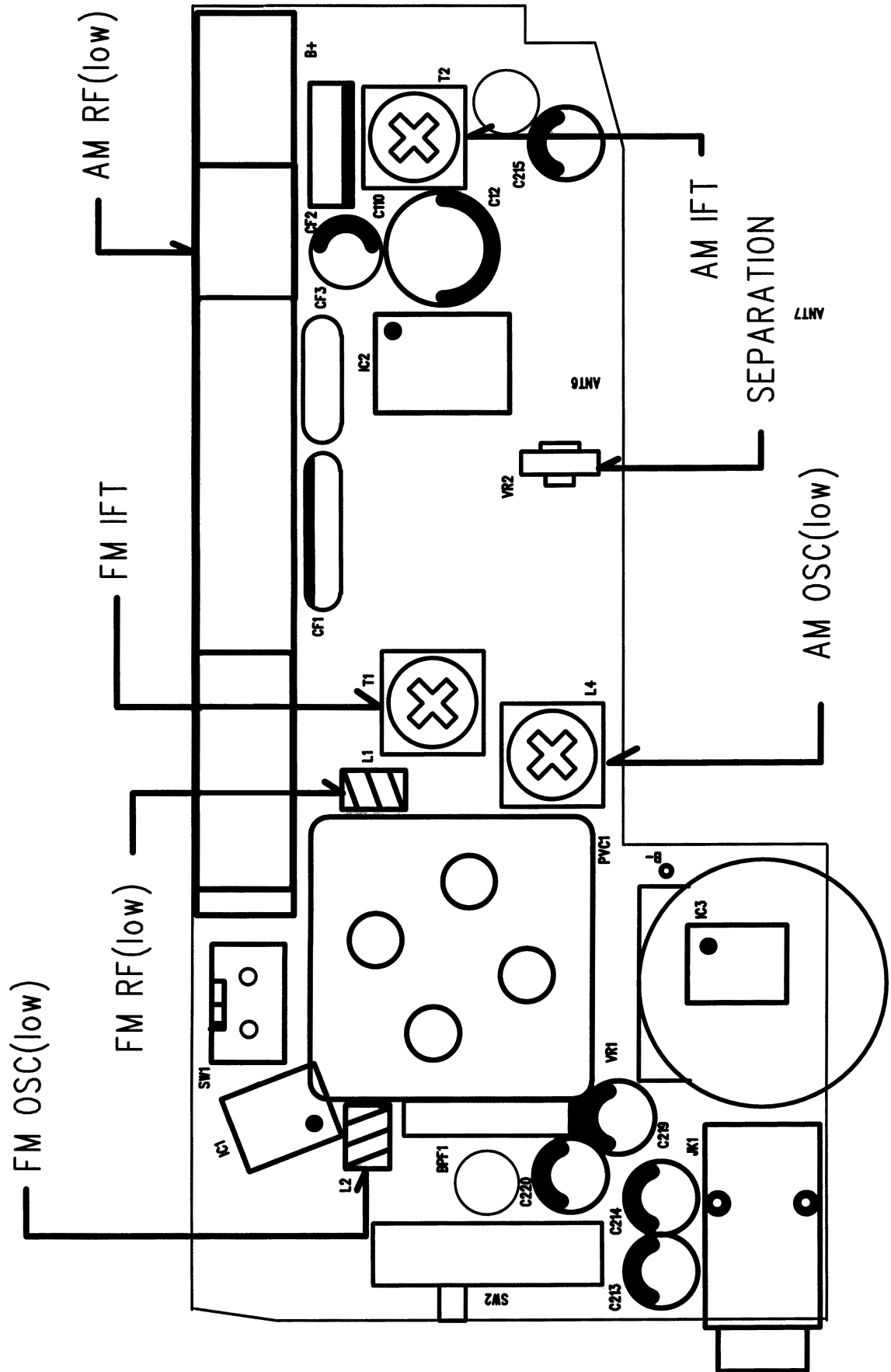
MECHANICAL PARTS LIST 1/1

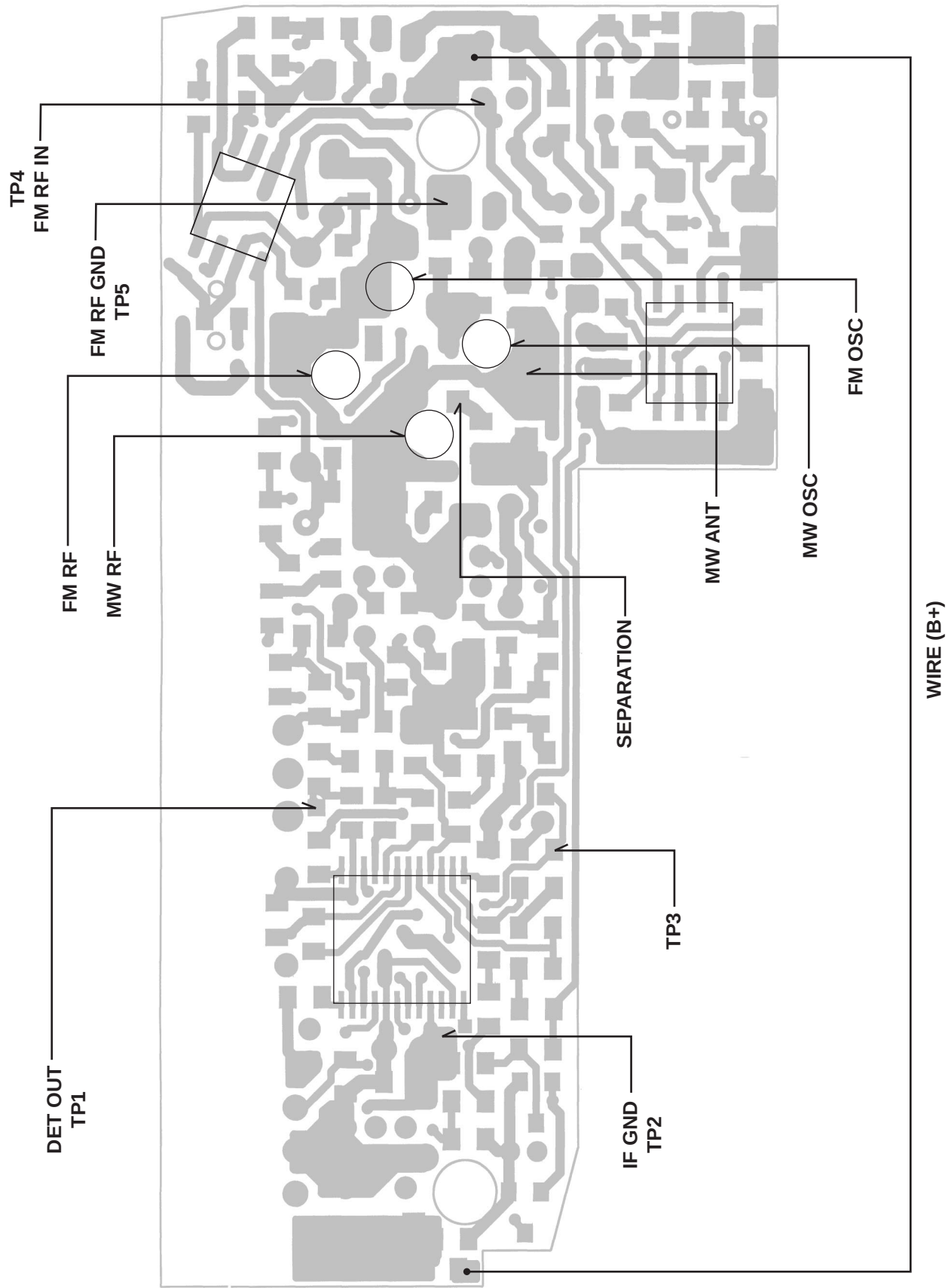
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REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	S0-801-170-100		WINDOWS LENS S(CRLA30)<DY1S>
1	S0-801-170-300		WINDOWS DAIL(CRLA30)<EXCEPT DY1S>
2	S0-700-410-000		POINTER, TUN
3	S0-101-420-200		CAB, FRONT
4	S0-503-290-000		KNOB, RTRY TUN
5	S9-517-030-200		SCREW, WASHER HEAD 1.7-3.0(BLK)
6	S0-503-300-000		KNOB, SL BAND
8	S0-201-420-200		CAB, REAR WYU<YL1S>
8	S0-201-420-300		CABI, REAR YZ(CRLA30)<YZ1S>
8	S0-201-420-400		CABI, REAR YH(CRLA30)<DY1S, YH1S>
8	S0-201-420-500		CABI, REAR YJ(CRLA30)<YJ1S>
9	S0-301-410-000		DOOR, BATT
10	S0-401-750-000		BATT, CONTACT(+)
11	87-067-769-010		SELF-SCREW S1.7-8
12	S1-700-760-000		PVC GEAR POM J-001N
13	87-267-525-310		SCREW, M1.7-2.5 SPECIAL HEAD
14	S0-503-310-000		KNOB, SL POWER
15	S0-401-760-000		PLATE, CONTACT
16	S1-009-011-100		BAR HOLDER
17	S0-201-750-000		SPRING(-)

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange		





ACCESSORIES/PACKAGE LIST

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REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	S1-210-013-800		INNERPHONE 3.5MM ST
2	S0-302-852-000		INSTRUC BOOK(6L)(CRLA30)<YZ1S>
2	S0-302-853-000		INSTRUC BOOK(PHC)(CRLA30)<YZ1S>
2	S0-302-854-000		INSTRUC BOOK(ECC)(CRLA30)<DY1S, YH1S, YJ1S>
2	S0-302-855-000		INSTRUC BOOK(CRLA30)<YL1S>



サービス技術ニュース	
番号	連絡内容
Gー ー	
Gー ー	
Gー ー	

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