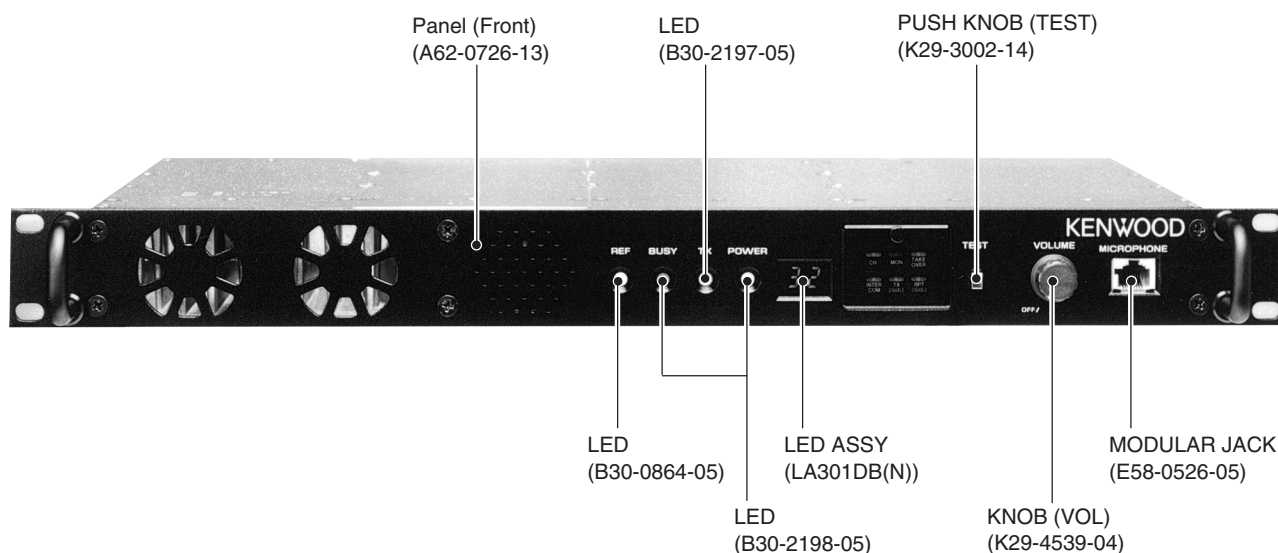


TKR-740

SERVICE MANUAL

SUPPLEMENT

This service manual (B51-8828-00) applies to products with 909xxxx(K, K2, K3), 804xxxx(E), or subsequent serial numbers. Refer to the TKR-740(K, K2, K3) service manual (B51-8505-00) or TKR-740(E) service manual (B51-8642-00) for any information which has not been covered in this service manual.



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GENERAL

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Disclaimer

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Service Manual List

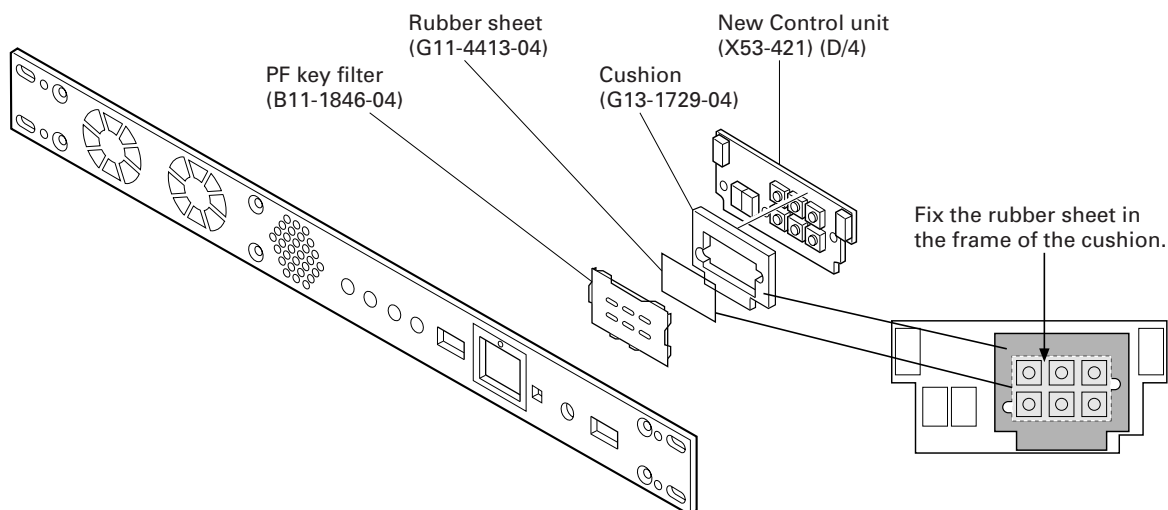
Title	Parts number	Remarks	Destination	Control unit	RX unit	TX unit
TKR-740	B51-8505-00	First edition	K, K2, K3	X53-3880-10 J72-0668-11	X55-3050-XX J72-0666-01	X56-3040-10 J72-0669-01
TKR-740	B51-8642-00	First edition	E	X53-3882-71 J72-0668-11	X55-3050-11 J72-0666-01	X56-3072-70 J72-0879-09
TKR-740	B51-8828-00	Supplement This service manual	K, K2, K3	X53-4210-10 J79-0034-19	X55-308X-XX J79-0036-09	X56-3140-10 J79-0169-09
			E	X56-3102-70 J79-0037-09		

DISASSEMBLY FOR REPAIR

1. Precautions for replacing the Control unit (D/4: PF key part)

When replacing an old Control unit (X53-388) (D/4) with a new Control unit (X53-421) (D/4), it is necessary to replace the PF key filter from the old parts (B11-1223-04) to the new parts (B11-1846-04) at the same time.

In addition, add the rubber sheet (G11-4413-04) to the position as shown in the figure.



DISASSEMBLY FOR REPAIR

2. Compatibility information for the Control unit, RX unit and TX unit

■ The change of the Control, RX, TX units number with the change of the PLL IC.

With the PLL IC change (from SA7025 to LMX2352TMX/NP), the Control, RX, and TX unit numbers were changed as shown the table below.

The new Control unit, RX unit and TX unit have been changed from S/No. 909xxxx~ (K,K2,K3 types), S/No. 804xxxx~ (E type).

The firmware modification has already been applied from S/N. 907xxxx~ (K,K2,K3 types) in advance, as there are compatibility issues for both old and new units.

• K, K2, K3 types

	OLD Unit Number	NEW Unit Number	Remarks
Control unit	X53-3880-10 (J72-0668-XX)	X53-4210-10 (J79-0034-XX)	Identification addition of the old and new PLL ICs.
RX unit	X55-3050-XX (Old PLL IC:SA7025) (J72-0666-XX)	X55-308X-XX (New PLL IC:LMX2352TMX/NP) (J79-0036-XX)	RX PLL circuit modification
TX unit	X56-3040-10 (Old PLL IC:SA7025) (J72-0669-XX)	X56-3140-10 (New PLL IC:LMX2352TMX/NP) (J79-0169-XX)	TX PLL circuit modification
Firmware	Check sum "26A4" or before	Check sum "C77F" or later	Version upgrade to distinguish old and new PLL ICs.

• E type

	OLD Unit Number	NEW Unit Number	Remarks
Control unit	X53-3882-71 (J72-0668-XX)	X53-4210-10 (J79-0034-XX)	Identification addition of the old and new PLL ICs.
RX unit	X55-3050-11 (Old PLL IC:SA7025) (J72-0666-XX)	X55-3082-70 (New PLL IC:LMX2352TMX/NP) (J79-0036-XX)	RX PLL circuit modification
TX unit	X56-3072-70 (Old PLL IC:SA7025) (J72-0879-XX)	X56-3102-70 (New PLL IC:LMX2352TMX/NP) (J79-0037-XX)	TX PLL circuit modification
Firmware	Check sum "26A4" or before	Check sum "6784" or later	Version upgrade to distinguish old and new PLL ICs.

DISASSEMBLY FOR REPAIR

■ Compatibility information

There are some important notices when you replace the Control, RX and TX units.

If you need to change either the RX or TX unit from TYPE A to TYPE B.

1. Another RX or TX unit also needs to be replaced with TYPE B. *3
2. "C77F" or later (K,K2,K3 types), "6784" or later (E type) firmware versions must be applied to that radio.

• K, K2, K3 types

Compatibility Chart		Firmware and Control unit	
		"26A4" or earlier version	"C77F" or later version
		X53-3880-10 (Old)	X53-4210-10 (New)
RX/TX unit	OLD: TYPE A RX: X55-3050-XX TX: X56-3040-10	Available	NOT available Causes unlock condition *1
	NEW: TYPE B RX: X55-308X-XX TX: X56-3140-10	NOT available Causes unlock condition *2	Available
	Combination-1 *3 RX: X55-3050-XX (Old) TX: X56-3140-10 (New)	NOT available *3 RX or TX unit will causes unlock condition	
	Combination-2 *3 RX: X55-308X-XX (New) TX: X56-3040-10 (Old)		

• E type

Compatibility Chart		Firmware and Control unit	
		"26A4" or earlier version	"6784" or later version
		X53-3882-71 (Old)	X53-4210-10 (New)
RX/TX unit	OLD: TYPE A RX: X55-3050-11 TX: X56-3072-70	Available	NOT available Causes unlock condition *1
	NEW: TYPE B RX: X55-3082-70 TX: X56-3102-70	NOT available Causes unlock condition *2	Available
	Combination-1 *3 RX: X55-3050-11 (Old) TX: X56-3102-70 (New)	NOT available *3 RX or TX unit will causes unlock condition	
	Combination-2 *3 RX: X55-3082-70 (New) TX: X56-3072-70 (Old)		

Note :

- *1. To enable use of TYPE A combination, circuit modifications are required. Please refer to "NEW CONTROL unit (X53-4210-10) circuit modification to use old RX and TX unit" described on page 5.
- *2. To enable use of TYPE B combination, a Firmware update and circuit modifications are required. Please refer to "OLD CONTROL unit (X53-388X-XX) circuit modification to use new RX and TX unit" described on page 5.
- *3. Combination of old and new RX and TX units is not available. As a result, the old and new Control unit is not available.

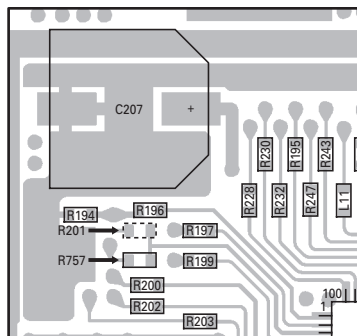
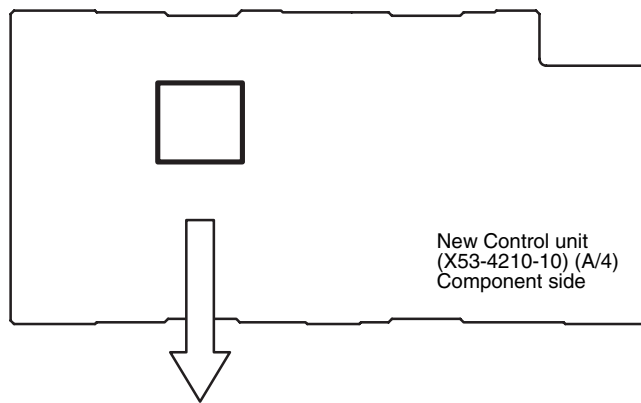
DISASSEMBLY FOR REPAIR

■ NEW CONTROL unit (X53-4210-10) circuit modification to use old RX and TX unit

R757 is added to the NEW CONTROL unit to be identified by the CPU as the NEW RX and TX unit combination. Instead of this, R201 is empty from production. The land pattern of R201 is for OLD RX and TX unit combination.

The steps below are required to use this NEW CONTROL unit with a repeater having the old RX and TX unit combination.

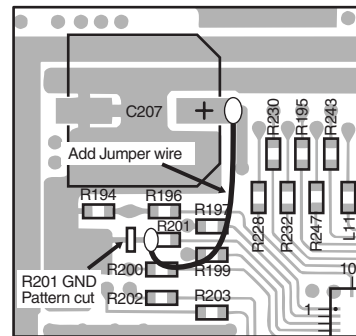
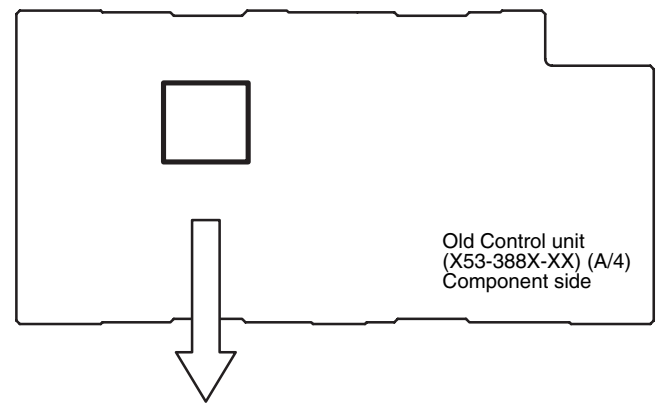
1. Remove R757 (RK73GB2A473J).
2. Place the chip jumper RK73GB2A473J (removed in step 1) on the R201 land pattern.



■ OLD CONTROL unit (X53-388X-XX) circuit modification to use new RX and TX unit

The OLD CONTROL unit can be used for the NEW RX and TX unit if the OLD CONTROL unit is modified as instructed below when the system recovery is required urgently. However it is required the pattern cut. Kenwood recommends using a NEW CONTROL unit.

1. Cut the GND pattern for R201.
2. Add a Jumper wire between R201 and C207.
3. Rewrite the Firmware (K, K2, K3 types: "C77F" or later version, E type: "6784" or later version).



COMPONENTS DESCRIPTION

CONTROL UNIT (X53-4210-10)

Ref. No.	Part Name	Description
IC1	IC	MULTIPLEXER
IC3~6	IC	AVR
IC7	IC	FLASH ROM
IC10	IC	VOLTAGE DETECTOR
IC12,13	IC	AF AMP
IC14	IC	MULTIPLEXER
IC15,16	IC	BUS BUFFER
IC17,18	IC	CPU
IC22,23	IC	AF AMP
IC24	IC	COUNTER
IC25	IC	INVERTER
IC27	IC	CODEC
IC29	IC	MULTIPLEXER
IC30	IC	DSP
IC31,32	IC	AF AMP
IC33	IC	D/A CONVERTER
IC34	IC	AF AMP
IC35	IC	MULTIPLEXER
IC36	IC	AF AMP
IC37	IC	MULTIPLEXER
IC38	IC	NAND GATE
IC39	IC	SHIFT REGISTER
IC40	IC	AF AMP
IC42	IC	RS232C TRANSCEIVER
IC45	IC	AF POWER AMP
IC46~49	IC	OR GATE
IC700~703	IC	SHIFT REGISTER
IC704~706	IC	AVR
Q1,5	FET	BEAT SHIFT
Q2,8~10	TRANSISTOR	INVERTER
Q11	TRANSISTOR	AF MUTE
Q12	TRANSISTOR	RSSI MUTE
Q13~16	TRANSISTOR	DC SWITCH
Q700,701	TRANSISTOR	LEVEL CONTROLLER
Q706~710	TRANSISTOR	DC SWITCH
D1,3~22 D24~28 D30~32 D34~39	DIODE	SURGE PROTECTOR

Ref. No.	Part Name	Description
D700,701	LED ASSY	7 SEGMENT
D702	LED	REFERENCE
D703	LED	POWER
D704	LED	TX
D705	LED	BUSY
D706	DIODE	SURGE PROTECTOR
D707	DIODE	AF DETECT
D708	VARISTOR	SURGE PROTECTOR
D709	DIODE	AF DETECTOR
D710	VARISTOR	CURRENT PROTECTOR
D711, 712	DIODE	SURGE PROTECTOR

RX UNIT (X55-308X-XX)

Ref. No.	Part Name	Description
A1	DBM	DOUBLE BALANCED MIXER
IC2	IC	AVR
IC3	IC	SHIFT REGISTER
IC4	IC	AVR
IC5	IC	DC AMP
IC6	IC	MULTIPLEXER
IC7,8	IC	FM IF IC
IC9	IC	D/A CONVERTER
IC10	IC	EEPROM
IC11,12	IC	AF AMP
IC13	IC	AVR
IC14	IC	DC AMP
IC15	IC	AF AMP
IC16	IC	AVR
IC17	IC	RF AMP
IC18	IC	ANALOG SWITCH
IC19	IC	INVERTER
IC20	IC	DDS
IC21	IC	ANALOG SWITCH
IC301	IC	PLL
IC302	IC	UNLOCK DETECTOR
Q1,3,5	TRANSISTOR	RF LOCAL AMP
Q6	TRANSISTOR	BUFFER AMP
Q7	TRANSISTOR	AVR
Q8,9	FET	VCO OSC
Q10,12,13	TRANSISTOR	DC SWITCH

COMPONENTS DESCRIPTION

Ref. No.	Part Name	Description
Q14	TRANSISTOR	BUFFER AMP
Q16	TRANSISTOR	DC SWITCH
Q17	TRANSISTOR	RIPPLE FILTER
Q18~20	TRANSISTOR	DC SWITCH
Q22	TRANSISTOR	DC SWITCH
Q24,25	TRANSISTOR	IF AMP
Q26	TRANSISTOR	ACTIVE FILTER
Q28	TRANSISTOR	SQ AMP
Q29	TRANSISTOR	SQ SWITCH
Q30	FET	DC SWITCH
Q31,32	TRANSISTOR	IF AMP
Q33	TRANSISTOR	REF AMP
Q34,35	FET	SQ SWITCH
Q36~38	TRANSISTOR	SQ SWITCH
Q39	TRANSISTOR	BUFFER AMP
D2~4,6	VARICAP	FREQ. CONTROL
D9	LED	INDICATOR
D10	DIODE	RF SW
D11	DIODE	SQ SW
D12	DIODE	UNLOCK SWITCH

TX UNIT (X56-3140-10):K, K2, K3 types

Ref. No.	Part Name	Description
IC1,2	IC	AVR
IC3	IC	D/A CONVERTER
IC4	IC	SHIFT REGISTER
IC100	IC	AVR
IC102	IC	ACTIVE FILTER
IC103	IC	AVR
IC105	IC	AF AMP
IC106	IC	EEPROM
IC107	IC	AF AMP
IC108	IC	AVR
IC109	IC	BUFFER AMP
IC110	IC	AVR
IC200	IC	AND GATE
IC202	IC	DDS
IC203	IC	DC AMP
IC204	IC	COMPARATOR
IC205	IC	AVR

Ref. No.	Part Name	Description
IC206	IC	INVERTER
IC302	IC	DC AMP
IC303	IC	DC AMP/COMPARATOR
IC304	IC	ANALOG SWITCH
IC305	IC	UNLOCK DETECTOR
IC501	IC	MAIN PLL
IC502	IC	SUB PLL
IC601	IC	POWER MODULE
Q1,2	FET	VCO OSC
Q3,4	TRANSISTOR	DC SWITCH
Q5	FET	DC SWITCH
Q6	TRANSISTOR	BUFFER AMP
Q7	TRANSISTOR	RIPPLE FILTER
Q8	TRANSISTOR	DC SWITCH
Q9	TRANSISTOR	RF AMP
Q11,12	TRANSISTOR	DC SWITCH
Q13	TRANSISTOR	RF AMP
Q14	FET	RF AMP
Q15	FET	BUFFER AMP
Q17,18	FET	DC SWITCH
Q21	TRANSISTOR	DC SWITCH
Q102	TRANSISTOR	BUFFER AMP
Q106	TRANSISTOR	DOUBLER
Q107~109	TRANSISTOR	RF AMP
Q110	TRANSISTOR	DC SWITCH
Q112,113	FET	DC SWITCH
Q114	TRANSISTOR	DC SWITCH
Q115	TRANSISTOR	RF AMP
Q201	TRANSISTOR	VCO OSC
Q202	TRANSISTOR	BUFFER AMP
Q203	FET	DC SWITCH
Q205	TRANSISTOR	RF AMP
Q206	FET	DC SWITCH
Q207	TRANSISTOR	INVERTER
Q208	FET	DC SWITCH
Q240	TRANSISTOR	BUFFER AMP
Q241	TRANSISTOR	RF AMP
Q242	TRANSISTOR	BUFFER AMP
Q301	TRANSISTOR	DC AMP
Q302,304	TRANSISTOR	DC SWITCH

COMPONENTS DESCRIPTION

Ref. No.	Part Name	Description
Q305	TRANSISTOR	DC SWITCH
Q306	TRANSISTOR	DC AMP
Q307	TRANSISTOR	DIFFERENTIAL AMP
Q308	TRANSISTOR	DC SWITCH
Q309	TRANSISTOR	DC AMP
Q310	TRANSISTOR	DIFFERENTIAL AMP
Q312,313	TRANSISTOR	DC SWITCH
D1-4	VARICAP	FREQ. CONTROL
D5,6	VARICAP	MODULATION
D7	DIODE	RF SWITCH
D11,12	DIODE	CURRENT STEERING
D50,51	LED	LOCK INDICATOR
D52	LED	TX INDICATOR
D101,103	DIODE	RF SWITCH
D201,202	VARICAP	FREQ. CONTROL
D203	VARICAP	MODULATION
D204	DIODE	CURRENT STEERING
D205	DIODE	RF DETECTOR
D206	VARISTOR	CURRENT PROTECTOR
D303	SURGE ABSORBER	SURGE PROTECTOR
D304	DIODE	CURRENT STEERING
D305	DIODE	REVERSE VOLTAGE PROTECTOR
D306~308	DIODE	RF DETECTOR
D310	VARISTOR	CURRENT PROTECTOR
D312	ZENER DIODE	VOLTAGE REFERENCE
D317,318	DIODE	CURRENT STEERING
D500	VARISTOR	CURRENT PROTECTOR
D503	DIODE	UNLOCK SWITCH

TX UNIT (X56-3102-70):E type

Ref. No.	Part Name	Description
IC1,2	IC	AVR
IC3	IC	D/A CONVERTER
IC4	IC	SHIFT REGISTER
IC100	IC	AVR
IC102	IC	ACTIVE FILTER
IC103	IC	AVR
IC105	IC	AF AMP
IC106	IC	EEPROM
IC107	IC	AF AMP
IC108	IC	AVR
IC109	IC	BUFFER AMP
IC110	IC	AVR
IC200	IC	AND GATE
IC202	IC	DDS
IC203	IC	DC AMP
IC204	IC	COMPARATOR
IC205	IC	AVR
IC206	IC	INVERTER
IC301	IC	SUB PLL
IC302	IC	COMPARATOR
IC303	IC	DC AMP
IC304	IC	MAIN PLL
IC305	IC	UNLOCK DETECTOR
IC601	IC	POWER MODULE
Q1,2	FET	VCO OSC
Q3,4	TRANSISTOR	DC SWITCH
Q5	FET	DC SWITCH
Q6	TRANSISTOR	BUFFER AMP
Q7	TRANSISTOR	RIPPLE FILTER
Q8	TRANSISTOR	DC SWITCH
Q9	TRANSISTOR	RF AMP
Q11,12	TRANSISTOR	DC SWITCH
Q13	TRANSISTOR	RF AMP
Q14	FET	RF AMP
Q15	FET	BUFFER AMP
Q17,18	FET	DC SWITCH
Q21	TRANSISTOR	DC SWITCH
Q102	TRANSISTOR	BUFFER AMP
Q106	TRANSISTOR	DOUBLER

COMPONENTS DESCRIPTION

Ref. No.	Part Name	Description
Q107~109	TRANSISTOR	RF AMP
Q110	TRANSISTOR	DC SWITCH
Q112,113	FET	DC SWITCH
Q114	TRANSISTOR	DC SWITCH
Q115	TRANSISTOR	RF AMP
Q201	TRANSISTOR	VCO OSC
Q202	TRANSISTOR	BUFFER AMP
Q203	FET	DC SWITCH
Q205	TRANSISTOR	RF AMP
Q206	FET	DC SWITCH
Q207	TRANSISTOR	INVERTER
Q208	FET	DC SWITCH
Q240	TRANSISTOR	BUFFER AMP
Q241	TRANSISTOR	RF AMP
Q242	TRANSISTOR	BUFFER AMP
Q301	TRANSISTOR	DC AMP
Q302,304	TRANSISTOR	DC SWITCH
Q308,309	TRANSISTOR	DC SWITCH
D1-4	VARICAP	FREQ. CONTROL
D5,6	VARICAP	MODULATION
D7	DIODE	RF SWITCH
D11,12	DIODE	CURRENT STEERING
D50,51	LED	LOCK INDICATOR
D52	LED	TX INDICATOR
D101,103	DIODE	RF SWITCH
D201,202	VARICAP	FREQ. CONTROL
D203	VARICAP	MODULATION
D204	DIODE	CURRENT STEERING
D205	DIODE	RF DETECTOR
D206	VARISTOR	CURRENT PROTECTOR
D303	SURGE ABSORBER	SURGE PROTECTOR
D304	DIODE	CURRENT STEERING
D305	DIODE	REVERSE VOLTAGE PROTECTOR
D306,308	DIODE	RF DETECTOR
D310	VARISTOR	CURRENT PROTECTOR
D318	DIODE	CURRENT STEERING
D320	ZENER DIODE	HIGH LOVTAGE PROTECTOR
D500	VARISTOR	CURRENT PROTECTOR
D503	DIODE	UNLOCK SWITCH

TKR-740

PARTS LIST

* New Parts. Δ indicates safety critical components.
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

L: Scandinavia K: USA P: Canada
 Y: PX (Far East, Hawaii) T: England E: Europe
 Y: AAFES (Europe) X: Australia M: Other Areas

TKR-740 (Y54-314X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
TKR-740 (K,K2,K3)					
1	3A	*	A62-0726-13	PANEL(FRONT)	
2	3A,1I		B10-2590-04	FRONT GLASS ACCESSORY	
3	3A		B11-1225-04	FILTER(LED)	
4	3B		B11-1231-04	FILTER(7SEG)	
5	3B	*	B11-1846-04	FILTER(PF)	
6	1J		B62-1136-00	INSTRUCTION MANUAL	
7	2C		E30-3343-15	DC CORD	
8	1I		E30-3344-25	DC CORD ACCESSORY	
9	2B		E37-0712-05	FLAT CABLE(CONT-TX,RX)	
10	1B		E37-0713-05	FLAT CABLE(TX-FINAL)	
11	2D	*	E37-0715-15	LEAD WIRE WITH CONNECTOR(D-SUB)	
12	3B	*	E37-0717-15	LEAD WIRE WITH CONNECTOR(SP)	
13	2C,2D	*	E37-0718-15	LEAD WIRE WITH CONNECTOR(BNC)	
14	1B	*	E37-0719-15	LEAD WIRE WITH CONNECTOR(TX-RX)	
15	1B	*	E37-0720-15	LEAD WIRE WITH CONNECTOR(TX-FINAL)	
16	2D		E37-0721-15	LEAD WIRE WITH CONNECTOR(15P)	
17	1B		E37-0791-15	LEAD WIRE WITH TERMINAL(DC+)	
18	3B	*	E37-1353-05	LEAD WIRE WITH CONNECTOR(7SEG)	
19	2D	*	E37-1354-05	LEAD WIRE WITH CONNECTOR(12P)	
20	1I		E37-1381-05	LEAD WIRE WITH CONNECTOR(15P) ACC	
21	1I		E59-0404-05	RECTANGULAR PLUG(12P) ACCESSORY	
22	2D,1I		F06-4027-05	FUSE(BLADE TYPE)(4A) ACCESSORY	
26	2D		F10-2297-04	SHIELDING PLATE(RX)	
27	2C		F10-2312-04	SHIELDING PLATE(RX LOWER)	
29	2B,2C		G02-0576-14	FLAT SPRING(RX:IC4,TX:IC1)	
30	2C		G02-0839-04	FLAT SPRING(RX:L16)	
31	3A		G10-1343-04	FIBROUS SHEET	
32	3B		G11-4413-04	RUBBER SHEET	
33	3B		G13-1653-14	CUSHION(SP)	
34	3B		G13-1669-04	CUSHION(MIC)	
35	3B		G13-1703-14	CUSHION(FRONT PANEL)	
36	3B		G13-1728-04	CUSHION(LED)	
37	3B		G13-1729-04	CUSHION(PF-PCB)	
38	3B		G13-1730-04	CUSHION(PF-PANEL)	
39	3B		G13-1754-04	CUSHION(VOL,TEST)	
40	3A		G13-1861-04	CUSHION(FRONT PANEL-SP)	
41	2I,2J		H10-6612-02	POLYSTYRENE FOAMED FIXTURE	
42	2J		H20-1437-03	PROTECTION COVER	
43	1I		H25-0029-04	PROTECTION BAG (60/110/0.07)	
44	1I		H25-0720-04	PROTECTION BAG (200X350)	
45	3J		H52-1966-02	ITEM CARTON CASE	
47	1A		J21-8375-04	MOUNTING HARDWARE(FINAL:TS301)	
48	1I		K01-0421-05	HANDLE ACCESSORY	
49	3A		K29-3002-14	PUSH KNOB(TEST)	
50	3A		K29-4539-04	KNOB(VOL)	
A	3A,1I	*	N08-0560-04	DRESSED SCREW(FRONT GLASS)	
B	1D		N09-2292-05	HEXAGON HEAD SCREW(D-SUB)	
C	1C,1D,2D		N32-3005-43	FLAT HEAD MACHINE SCREW	
D	3A,3B		N32-4008-43	FLAT HEAD MACHINE SCREW	
E	1B		N35-3006-48	BINDING HEAD MACHINE SCREW	
F	1A		N67-2606-48	PAN HEAD SEMS SCREW	
G	2B		N67-3006-48	PAN HEAD SEMS SCREW	
H	1A,2B		N67-3008-43	PAN HEAD SEMS SCREW	

Ref. No.	Address	New parts	Parts No.	Description	Destination
J	1A,3B,2C,2D		N87-2606-48	BRAZIER HEAD TAPTITE SCREW	
K	2D		N87-2608-48	BRAZIER HEAD TAPTITE SCREW	
N	1B,2C		N87-2616-48	BRAZIER HEAD TAPTITE SCREW	
51	3B		T07-0347-15	SPEAKER	
TKR-740 (E)					
1	3E	*	A62-0726-13	PANEL(FRONT)	
2	3E,1I		B10-2590-04	FRONT GLASS ACCESSORY	
3	3E		B11-1225-04	FILTER(LED)	
4	3F		B11-1231-04	FILTER(7SEG)	
5	3F	*	B11-1846-04	FILTER(PF)	
6	1J	*	B62-1700-00	INSTRUCTION MANUAL	
7	2G		E30-3343-15	DC CORD	
8	1I	*	E30-3344-25	DC CORD ACCESSORY	
9	2F		E37-0712-05	FLAT CABLE(CONT-TX,RX)	
10	1F		E37-0713-05	FLAT CABLE(TX-FINAL)	
11	2H	*	E37-0715-15	LEAD WIRE WITH CONNECTOR(D-SUB)	
12	3F	*	E37-0717-15	LEAD WIRE WITH CONNECTOR(SP)	
13	2G,2H	*	E37-0718-15	LEAD WIRE WITH CONNECTOR(BNC)	
14	1F	*	E37-0719-15	LEAD WIRE WITH CONNECTOR(TX-RX)	
15	1F	*	E37-0720-15	LEAD WIRE WITH CONNECTOR(TX-FINAL)	
16	2H		E37-0721-15	LEAD WIRE WITH CONNECTOR(15P)	
17	1F		E37-0791-15	LEAD WIRE WITH TERMINAL(DC+)	
18	3F	*	E37-1353-05	LEAD WIRE WITH CONNECTOR(7SEG)	
19	2H	*	E37-1354-05	LEAD WIRE WITH CONNECTOR(12P)	
20	1I	*	E37-1381-05	LEAD WIRE WITH CONNECTOR(15P) ACC	
21	1I		E59-0404-05	RECTANGULAR PLUG(12P) ACCESSORY	
22	2H,1I		F06-1032-05	FUSE(BLADE TYPE)(10A) ACCESSORY	
23	2E		F07-1429-03	COVER(FAN-FRONT)	
24	2E,2F	*	F09-0477-15	FANMOTOR(FRONT,REAR)	
25	2E		F10-2200-04	SHIELDING PLATE(POWER MODULE)	
26	2H		F10-2297-04	SHIELDING PLATE(RX)	
27	2G		F10-2312-04	SHIELDING PLATE(RX LOWER)	
28	1E		F10-2355-04	SHIELDING COVER(POWER MODULE)	
29	2F,2G		G02-0576-14	FLAT SPRING(RX:IC4,TX:IC1)	
30	2G		G02-0839-04	FLAT SPRING(RX:L16)	
31	3E		G10-1343-04	FIBROUS SHEET	
32	3F		G11-4413-04	RUBBER SHEET	
33	3F		G13-1653-14	CUSHION(SP)	
34	3F		G13-1669-04	CUSHION(MIC)	
35	3F		G13-1703-14	CUSHION(FRONT PANEL)	
36	3F		G13-1728-04	CUSHION(LED)	
37	3F		G13-1729-04	CUSHION(PF-PCB)	
38	3F		G13-1730-04	CUSHION(PF-PANEL)	
39	3F		G13-1754-04	CUSHION(VOL,TEST)	
40	3E		G13-1861-04	CUSHION(FRONT PANEL-SP)	
41	2I,2J		H10-6612-02	POLYSTYRENE FOAMED FIXTURE	
42	2J		H20-1437-03	PROTECTION COVER	
43	1I		H25-0029-04	PROTECTION BAG (60/110/0.07)	
44	1I		H25-0720-04	PROTECTION BAG (200X350)	
45	3J		H52-1966-02	ITEM CARTON CASE	
46	2F	*	J11-0671-05	CLAMPER(TX-FAN CABLE)	

PARTS LIST

TKR-740 (Y54-314X-XX)
CONTROL UNIT (X53-4210-10)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
47	1E		J21-8375-04	MOUNTING HARDWARE(FINAL:TS301)		C83			CK73GB1E103K	CHIP C 0.010UF K	
48	1I		K01-0421-05	HANDLE ACCESSORY		C84			CK73GB1H472K	CHIP C 4700PF K	
49	3E		K29-3002-14	PUSH KNOB(TEST)		C86			CK73GB1H472K	CHIP C 4700PF K	
50	3E		K29-4539-04	KNOB(VOL)		C87			CK73GB1H152K	CHIP C 1500PF K	
						C88			CK73EB1C105K	CHIP C 1.0UF K	
A	3E,1I	*	N08-0560-04	DRESSED SCREW(FRONT GLASS)		C89			CC73FCH1H751J	CHIP C 750PF J	
B	1H		N09-2292-05	HEXAGON HEAD SCREW(D-SUB)		C90			CK73GB1E103K	CHIP C 0.010UF K	
C	1G,1H,2H		N32-3005-43	FLAT HEAD MACHINE SCREW		C91			CK73EB1C105K	CHIP C 1.0UF K	
D	3E,3F		N32-4008-43	FLAT HEAD MACHINE SCREW		C96			CK73GB1E103K	CHIP C 0.010UF K	
E	1F		N35-3006-48	BINDING HEAD MACHINE SCREW		C100,101			CS77AA1A100M	CHIP TNTL 10UF 10WV	
G	2F		N67-3006-48	PAN HEAD SEMS SCREW		C102			CC73GCH1H101J	CHIP C 100PF J	
I	1E		N67-3008-48	PAN HEAD SEMS SCREW		C105-107			CS77AA1A100M	CHIP TNTL 10UF 10WV	
J	1E,3F,2G,2H		N87-2606-48	BRAZIER HEAD TAPTITE SCREW		C108			CK73GB1E103K	CHIP C 0.010UF K	
K	2H		N87-2608-48	BRAZIER HEAD TAPTITE SCREW		C123			CC73GCH1H101J	CHIP C 100PF J	
L	2E	*	N87-2610-48	BRAZIER HEAD TAPTITE SCREW		C125			CK73EB1C105K	CHIP C 1.0UF K	
M	2F	*	N87-2612-48	BRAZIER HEAD TAPTITE SCREW		C126			CK73FB1E103K	CHIP C 0.010UF K	
N	1F,2G		N87-2616-48	BRAZIER HEAD TAPTITE SCREW		C127			CS77AA1A100M	CHIP TNTL 10UF 10WV	
51	3F		T07-0347-15	SPEAKER		C128-131			CS77AA1E010M	CHIP TNTL 1.0UF 25WV	
CONTROL UNIT (X53-4210-10)						C132			CC73GCH1H101J	CHIP C 100PF J	
D702			B30-0864-05	LED(RE/GR)		C133			CK73GB1E103K	CHIP C 0.010UF K	
D703			B30-2198-05	LED(GR)		C134,135			CC73GCH1H101J	CHIP C 100PF J	
D704			B30-2197-05	LED(RE)		C136			C92-0858-05	CHIP TNTL 68UF 6.3WV	
D705			B30-2198-05	LED(GR)		C137			CS77BA0J470M	CHIP TNTL 47UF 6.3WV	
C1			CK73GB1E103K	CHIP C 0.010UF K		C138			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C2 ,3			CK73EB1C105K	CHIP C 1.0UF K		C139			CC73GCH1H330J	CHIP C 33PF J	
C4			CK73GB1H102K	CHIP C 1000PF K		C140-142			CK73GB1H102K	CHIP C 1000PF K	
C5		*	C92-0899-05	ELECTRO 330UF 25WV		C143,144			CK73EB1C105K	CHIP C 1.0UF K	
C6			CK73GB1H102K	CHIP C 1000PF K		C145			CK73GB1E103K	CHIP C 0.010UF K	
C7		*	C92-0898-05	ELECTRO 47UF 25WV		C146-148			CS77AA1E010M	CHIP TNTL 1.0UF 25WV	
C8			CK73GB1H102K	CHIP C 1000PF K		C149			CS77AB20J101M	CHIP TNTL 100UF 6.3WV	
C9 ,10		*	C92-0898-05	ELECTRO 47UF 25WV		C150			CS77AA1E010M	CHIP TNTL 1.0UF 25WV	
C11 ,12		*	C92-0897-05	ELECTRO 470UF 16WV		C151			CK73GB1E103K	CHIP C 0.010UF K	
C13			CK73FB1E104K	CHIP C 0.10UF K		C152			CK73GB1H471K	CHIP C 470PF K	
C14			CS77AA1E010M	CHIP TNTL 1.0UF 25WV		C153			CK73EB1C105K	CHIP C 1.0UF K	
C15			CC73GCH1H101J	CHIP C 100PF J		C154			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C18			CK73FB1E104K	CHIP C 0.10UF K		C155			CK73EB1C105K	CHIP C 1.0UF K	
C19 ,20			CK73EB1C105K	CHIP C 1.0UF K		C156,157			CK73GB1E103K	CHIP C 0.010UF K	
C21 -23			CK73GB1E103K	CHIP C 0.010UF K		C158			CK73GB1H102K	CHIP C 1000PF K	
C24 -26			CS77AA1A100M	CHIP TNTL 10UF 10WV		C159			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C27			CK73GB1H102K	CHIP C 1000PF K		C160			CK73EB1C105K	CHIP C 1.0UF K	
C28			CK73FB1E104K	CHIP C 0.10UF K		C161,162			CS77AA1A4R7M	CHIP TNTL 4.7UF 10WV	
C29			CK73GB1E103K	CHIP C 0.010UF K		C163			CS77AB20J101M	CHIP TNTL 100UF 6.3WV	
C30			CS77AA1C100M	CHIP TNTL 10UF 16WV		C164,165			CK73GB1H102K	CHIP C 1000PF K	
C31			CK73GB1H102K	CHIP C 1000PF K		C166			CS77AA1A4R7M	CHIP TNTL 4.7UF 10WV	
C32 -46			CC73GCH1H101J	CHIP C 100PF J		C167			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C49 -53			CC73GCH1H101J	CHIP C 100PF J		C168			CK73FB1E104K	CHIP C 0.10UF K	
C54			CK73GB1E103K	CHIP C 0.010UF K		C169,170			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C55			CC73GCH1H101J	CHIP C 100PF J		C171			CK73GB1E103K	CHIP C 0.010UF K	
C56			CK73EB1C105K	CHIP C 1.0UF K		C172			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C57 ,58			CC73GCH1H101J	CHIP C 100PF J		C173			CC73GCH1H181J	CHIP C 180PF J	
C59			CK73GB1H562J	CHIP C 5600PF J		C174			CK73GB1H182K	CHIP C 1800PF K	
C60			CC73GCH1H101J	CHIP C 100PF J		C175			CK73GB1E103K	CHIP C 0.010UF K	
C61			CK73FB1E223K	CHIP C 0.022UF K		C176			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C66			CK73GB1E103K	CHIP C 0.010UF K		C177			CK73EB1C105K	CHIP C 1.0UF K	
C68			CS77AA1E010M	CHIP TNTL 1.0UF 25WV		C178			CC73GCH1H271J	CHIP C 270PF J	
C76			CK73EB1C105K	CHIP C 1.0UF K		C179			CK73GB1H272K	CHIP C 2700PF K	
C77			CC73GCH1H101J	CHIP C 100PF J		C180,181			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C78 -80			CS77AA1A100M	CHIP TNTL 10UF 10WV		C182			CK73EB1C105K	CHIP C 1.0UF K	
						C183			CK73GB1E103K	CHIP C 0.010UF K	
						C184			CC73GCH1H101J	CHIP C 100PF J	

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PARTS LIST

CONTROL UNIT (X53-4210-10)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C185-187			CK73GB1E103K	CHIP C 0.010UF K		CN5			E40-6654-05	PIN ASSY	
C188			CC73GCH1H030C	CHIP C 3.0PF C		CN6			E40-6653-05	PIN ASSY	
C189,190			CC73GCH1H120J	CHIP C 12PF J		CN700		*	E41-2717-05	PIN ASSY	
C191			CK73FB1C105K	CHIP C 1.0UF K							
C192			CK73GB1E103K	CHIP C 0.010UF K		CN701		*	E41-2716-05	PIN ASSY	
						CN702		*	E40-6734-05	FLAT CABLE CONNECTOR	
C193			CK73FB1E104K	CHIP C 0.10UF K		CN703			E41-2735-05	PIN ASSY	
C194			CS77AA1A100M	CHIP TNL 10UF 10WV		CN705			E40-6654-05	PIN ASSY	
C200-202			CK73GB1H471K	CHIP C 470PF K		CN706			E40-5960-05	PIN ASSY	
C203			CK73GB1E103K	CHIP C 0.010UF K							
C204			CK73GB1H471K	CHIP C 470PF K		J700			E58-0526-05	MODULAR JACK	
						W1			E37-0031-15	PROCESSED LEAD WIRE	
C205			CK73GB1E103K	CHIP C 0.010UF K		L1 -5			L92-0140-05	CHIP FERRITE	
C206			CS77AA1A100M	CHIP TNL 10UF 10WV		L6			L41-1005-32	SMALL FIXED INDUCTOR(10UH)	
C207			C92-0771-05	CHIP-ELE 220UF 6.3WV		L7			L92-0140-05	CHIP FERRITE	
C208,209			CK73GB1E103K	CHIP C 0.010UF K		L9			L41-1005-32	SMALL FIXED INDUCTOR(10UH)	
C210,211			C92-0771-05	CHIP-ELE 220UF 6.3WV		L10 ,11			L92-0140-05	CHIP FERRITE	
						L12 ,13			L41-1005-32	SMALL FIXED INDUCTOR(10UH)	
C212-214			CK73EB1C105K	CHIP C 1.0UF K		X1			L77-1956-05	CRYSTAL RESONATOR(14.7456MHZ)	
C221,222			CK73GB1E103K	CHIP C 0.010UF K		X2			L77-1799-05	CRYSTAL RESONATOR(16.515MHZ)	
C223,224			CC73GCH1H270J	CHIP C 27PF J							
C225			CC73GCH1H150J	CHIP C 15PF J		CP1 -7			RK75GB1J102J	CHIP-COM 1.0K J 1/16W	
C226,227			CK73GB1E103K	CHIP C 0.010UF K		CP10,11			RK75GB1J471J	CHIP-COM 470 J 1/16W	
						CP14,15			RK75GB1J471J	CHIP-COM 470 J 1/16W	
C228			CK73GB1H471K	CHIP C 470PF K		CP700-703			RK75GB1J471J	CHIP-COM 470 J 1/16W	
C229			CK73GB1E103K	CHIP C 0.010UF K							
C231,232			CK73GB1E103K	CHIP C 0.010UF K		R1			RK73GB2A101J	CHIP R 100 J 1/10W	
C256			CK73FB1E103K	CHIP C 0.010UF K		R2			RK73GB2A103J	CHIP R 10K J 1/10W	
C300-303			CC73GCH1H101J	CHIP C 100PF J		R3			RK73GB2A473J	CHIP R 47K J 1/10W	
						R4 ,5			RK73GB2A103J	CHIP R 10K J 1/10W	
C304-312			CK73GB1H102K	CHIP C 1000PF K		R6			RK73GB2A105J	CHIP R 1.0M J 1/10W	
C313			CC73GCH1H101J	CHIP C 100PF J							
C315,316			CK73FB1E103K	CHIP C 0.010UF K		R7			RK73GB2A471J	CHIP R 470 J 1/10W	
C317,318			CC73GCH1H101J	CHIP C 100PF J		R8			RK73FB2B2R2J	CHIP R 2.2 J 1/8W	
C319-322			CS77AA1E010M	CHIP TNL 1.0UF 25WV		R9			RK73GB2A473J	CHIP R 47K J 1/10W	
						R10			RK73GB2A000J	CHIP R 0.0 J 1/10W	
C323			CK73GB1H102K	CHIP C 1000PF K		R16			RK73GB2A473J	CHIP R 47K J 1/10W	
C324			CK73FB1E104K	CHIP C 0.10UF K							
C325-327			CK73GB1H102K	CHIP C 1000PF K		R27 -29			RK73PB2H220J	CHIP R 22 J 1/2W	
C328-330			CC73GCH1H101J	CHIP C 100PF J		R30 ,31			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C331-337			CK73GB1H102K	CHIP C 1000PF K		R32			RK73GB2A104J	CHIP R 100K J 1/10W	
						R33 ,34			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C700-705			CC73GCH1H101J	CHIP C 100PF J		R35			RK73GB2A332J	CHIP R 3.3K J 1/10W	
C706,707			CK73GB1E103K	CHIP C 0.010UF K							
C708-710			CK73FB1E104K	CHIP C 0.10UF K		R36 ,37			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C711-713			CK73FF1E334Z	CHIP C 0.33UF Z		R38			RK73GB2A183J	CHIP R 18K J 1/10W	
C714,715			CK73GB1H102K	CHIP C 1000PF K		R39			RK73GB2A472J	CHIP R 4.7K J 1/10W	
						R40 -43			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C716			CS77AA1A100M	CHIP TNL 10UF 10WV		R44			RK73GB2A332J	CHIP R 3.3K J 1/10W	
C717,718			CC73GCH1H101J	CHIP C 100PF J							
C719			CK73GB1H471K	CHIP C 470PF K		R45			RK73GB2A333J	CHIP R 33K J 1/10W	
C720-722			CC73GCH1H101J	CHIP C 100PF J		R46			RK73GB2A683J	CHIP R 68K J 1/10W	
C723			CK73GB1H471K	CHIP C 470PF K		R47			RK73GB2A104J	CHIP R 100K J 1/10W	
						R48			RK73GB2A473J	CHIP R 47K J 1/10W	
C724			CC73GCH1H101J	CHIP C 100PF J		R49			RK73GB2A183J	CHIP R 18K J 1/10W	
C725			CK73FB1E104K	CHIP C 0.10UF K							
C727,728			CS77AA1A1R5M	CHIP TNL 1.5UF 10WV		R66			RK73GB2A104J	CHIP R 100K J 1/10W	
C729,730			CK73FB1E104K	CHIP C 0.10UF K		R69			RK73GB2A104J	CHIP R 100K J 1/10W	
C731			CC73GCH1H470J	CHIP C 47PF J		R70			RK73GB2A563J	CHIP R 56K J 1/10W	
						R71			RK73GB2A474J	CHIP R 470K J 1/10W	
C732,733			CK73FB1E104K	CHIP C 0.10UF K		R72 -74			RK73GB2A222J	CHIP R 2.2K J 1/10W	
C734			CK73FB1E103K	CHIP C 0.010UF K							
C735			CS77AA1A100M	CHIP TNL 10UF 10WV		R76			RK73GB2A473J	CHIP R 47K J 1/10W	
C736,737			CC73GCH1H101J	CHIP C 100PF J		R78			RK73GB2A473J	CHIP R 47K J 1/10W	
C738,739			CK73GB1H102K	CHIP C 1000PF K		R80			RK73GB2A474J	CHIP R 470K J 1/10W	
						R86			RK73FB2B000J	CHIP R 0.0 J 1/8W	
C740-742			CS77AA1A100M	CHIP TNL 10UF 10WV		R90 -93			RK73FB2B000J	CHIP R 0.0 J 1/8W	
C750			CK73GB1C104K	CHIP C 0.10UF K							
CN1 -3		*	E40-6724-05	FLAT CABLE CONNECTOR							
CN4			E40-5960-05	PIN ASSY							

PARTS LIST

CONTROL UNIT (X53-4210-10)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R94			RK73GB2A000J	CHIP R 0.0 J 1/10W		R190			RK73GB2A473J	CHIP R 47K J 1/10W	
R95			RK73GB2A104J	CHIP R 100K J 1/10W		R191			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R96			RK73GB2A124J	CHIP R 120K J 1/10W		R192			RK73GB2A103J	CHIP R 10K J 1/10W	
R100			RK73GB2A273J	CHIP R 27K J 1/10W		R193			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R101			RK73GB2A473J	CHIP R 47K J 1/10W		R194			RK73GB2A183J	CHIP R 18K J 1/10W	
R103			RK73GB2A563J	CHIP R 56K J 1/10W		R195			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R104			RK73GB2A333J	CHIP R 33K J 1/10W		R196			RK73GB2A473J	CHIP R 47K J 1/10W	
R105			RK73GB2A223J	CHIP R 22K J 1/10W		R197			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R106			RK73GB2A224J	CHIP R 220K J 1/10W		R199			RK73GB2A101J	CHIP R 100 J 1/10W	
R107,108			RK73GB2A223J	CHIP R 22K J 1/10W		R200			RK73GB2A471J	CHIP R 470 J 1/10W	
R109			RK73GB2A473J	CHIP R 47K J 1/10W		R202,203			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R110			RK73GB2A334J	CHIP R 330K J 1/10W		R204			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R114-120			RK73FB2B000J	CHIP R 0.0 J 1/8W		R205,206			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R121			RK73GB2A333J	CHIP R 33K J 1/10W		R207			RK73GB2A473J	CHIP R 47K J 1/10W	
R122			RK73GB2A563J	CHIP R 56K J 1/10W		R208,209			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R123			RK73GB2A103J	CHIP R 10K J 1/10W		R210-215			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R124			RK73GB2A273J	CHIP R 27K J 1/10W		R216			RK73GB2A473J	CHIP R 47K J 1/10W	
R125			RK73GB2A102J	CHIP R 1.0K J 1/10W		R217,218			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R126			RK73GB2A103J	CHIP R 10K J 1/10W		R219,220			RK73GB2A473J	CHIP R 47K J 1/10W	
R127			RK73GB2A123J	CHIP R 12K J 1/10W		R221-227			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R128			RK73GB2A224J	CHIP R 220K J 1/10W		R228			RK73GB2A101J	CHIP R 100 J 1/10W	
R129			RK73GB2A104J	CHIP R 100K J 1/10W		R229			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R130			RK73GB2A124J	CHIP R 120K J 1/10W		R230			RK73GB2A101J	CHIP R 100 J 1/10W	
R131			RK73GB2A473J	CHIP R 47K J 1/10W		R231			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R132			RK73GB2A103J	CHIP R 10K J 1/10W		R232			RK73GB2A101J	CHIP R 100 J 1/10W	
R133			RK73GB2A273J	CHIP R 27K J 1/10W		R233-236			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R134			RK73GB2A104J	CHIP R 100K J 1/10W		R237			RK73GB2A473J	CHIP R 47K J 1/10W	
R135			RK73GB2A273J	CHIP R 27K J 1/10W		R238-240			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R136,137			RK73GB2A103J	CHIP R 10K J 1/10W		R241			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R138			RK73GB2A104J	CHIP R 100K J 1/10W		R242-252			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R139			RK73GB2A124J	CHIP R 120K J 1/10W		R253			RK73GB2A101J	CHIP R 100 J 1/10W	
R140			RK73FB2B000J	CHIP R 0.0 J 1/8W		R254			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R141,142			RK73GB2A101J	CHIP R 100 J 1/10W		R255			RK73GB2A101J	CHIP R 100 J 1/10W	
R143,144			RK73GB2A102J	CHIP R 1.0K J 1/10W		R256			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R145-148			RK73GB2A122J	CHIP R 1.2K J 1/10W		R257			RK73GB2A473J	CHIP R 47K J 1/10W	
R149-152			RK73GB2A473J	CHIP R 47K J 1/10W		R258			RK73GB2A101J	CHIP R 100 J 1/10W	
R153,154			RK73GB2A122J	CHIP R 1.2K J 1/10W		R259,260			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R155-157			RK73GB2A102J	CHIP R 1.0K J 1/10W		R261			RK73GB2A101J	CHIP R 100 J 1/10W	
R158,159			RK73GB2A473J	CHIP R 47K J 1/10W		R262			RK73GB2A473J	CHIP R 47K J 1/10W	
R160			RK73GB2A101J	CHIP R 100 J 1/10W		R263,264			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R161,162			RK73GB2A473J	CHIP R 47K J 1/10W		R265			RK73GB2A101J	CHIP R 100 J 1/10W	
R164			RK73GB2A104J	CHIP R 100K J 1/10W		R266			RK73GB2A473J	CHIP R 47K J 1/10W	
R165			RK73GB2A124J	CHIP R 120K J 1/10W		R267,268			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R166-168			RK73GB2A223J	CHIP R 22K J 1/10W		R269			RK73GB2A101J	CHIP R 100 J 1/10W	
R169			RK73GB2A103J	CHIP R 10K J 1/10W		R270			RK73GB2A473J	CHIP R 47K J 1/10W	
R171			RK73GB2A154J	CHIP R 150K J 1/10W		R271			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R172			RK73GB2A102J	CHIP R 1.0K J 1/10W		R272			RK73GB2A101J	CHIP R 100 J 1/10W	
R173			RK73GB2A223J	CHIP R 22K J 1/10W		R273			RK73GB2A473J	CHIP R 47K J 1/10W	
R174			RK73GB2A473J	CHIP R 47K J 1/10W		R274,275			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R175			RK73GB2A102J	CHIP R 1.0K J 1/10W		R276			RK73GB2A101J	CHIP R 100 J 1/10W	
R176			RK73GB2A104J	CHIP R 100K J 1/10W		R277			RK73GB2A473J	CHIP R 47K J 1/10W	
R177-180			RK73GB2A473J	CHIP R 47K J 1/10W		R278			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R181			RK73GB2A103J	CHIP R 10K J 1/10W		R279			RK73GB2A473J	CHIP R 47K J 1/10W	
R182			RK73GB2A473J	CHIP R 47K J 1/10W		R280			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R183			RK73GB2A102J	CHIP R 1.0K J 1/10W		R281			RK73GB2A101J	CHIP R 100 J 1/10W	
R184			RK73GB2A223J	CHIP R 22K J 1/10W		R282,283			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R185,186			RK73GB2A473J	CHIP R 47K J 1/10W		R284			RK73GB2A101J	CHIP R 100 J 1/10W	
R187			RK73GB2A102J	CHIP R 1.0K J 1/10W		R285			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R188			RK73GB2A473J	CHIP R 47K J 1/10W		R286,287			RK73GB2A101J	CHIP R 100 J 1/10W	
R189			RK73GB2A472J	CHIP R 4.7K J 1/10W		R288,289			RK73GB2A473J	CHIP R 47K J 1/10W	

PARTS LIST

CONTROL UNIT (X53-4210-10)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R290			RK73GB2A101J	CHIP R 100 J 1/10W		D3 -22			DA204U	DIODE	
R291			RK73GB2A472J	CHIP R 4.7K J 1/10W		D24 -28			DA204U	DIODE	
R292			RK73GB2A473J	CHIP R 47K J 1/10W		D30 ,31			DA204U	DIODE	
R293			RK73GB2A101J	CHIP R 100 J 1/10W		D34 ,35			DA204U	DIODE	
R294-296			RK73GB2A473J	CHIP R 47K J 1/10W							
R297-301			RK73GB2A101J	CHIP R 100 J 1/10W		D37 -39			DA204U	DIODE	
R302-305			RK73GB2A102J	CHIP R 1.0K J 1/10W		D700,701			LA301DB(N)	LED ASSY	
R306			RK73GB2A103J	CHIP R 10K J 1/10W		D706			DA204U	DIODE	
R307			RK73GB2A473J	CHIP R 47K J 1/10W		D707			HSM88AS-E	DIODE	
R310,311			RK73GB2A561J	CHIP R 560 J 1/10W		D708			DA204U	DIODE	
R314-318			RK73GB2A473J	CHIP R 47K J 1/10W		D709			HSM88AS-E	DIODE	
R321-328			RK73GB2A102J	CHIP R 1.0K J 1/10W		D710			MINISMDC07502F	VARIATOR	
R329			RK73GB2A101J	CHIP R 100 J 1/10W		D711,712			DA204U	DIODE	
R331			RK73GB2A473J	CHIP R 47K J 1/10W							
R334			RK73GB2A392J	CHIP R 3.9K J 1/10W		IC1			TC7S66FUJ	MOS-IC	
R335-342			RK73GB2A473J	CHIP R 47K J 1/10W		IC3			NJM78L05UA-ZB	BI-POLAR IC	
R343			RK73GB2A472J	CHIP R 4.7K J 1/10W		IC4			TA7805FQ	MOS-IC	
R344			RK73FB2B000J	CHIP R 0.0 J 1/8W		IC5			NJM78L08UA-ZB	BI-POLAR IC	
R345			RK73GB2A473J	CHIP R 47K J 1/10W		IC6			TA7805FQ	MOS-IC	
R346-348			RK73GB2A101J	CHIP R 100 J 1/10W		IC7			AT29C02090TU	ROM IC	
R349-351			RK73GB2A473J	CHIP R 47K J 1/10W		IC10			R3111H421C-F	MOS-IC	
R352			RK73GB2A101J	CHIP R 100 J 1/10W		IC12,13			NJM4558E-ZB	ANALOGUE IC	
R353-357			RK73GB2A473J	CHIP R 47K J 1/10W		IC14			BU4053BCF	MOS-IC	
R358-372			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC15,16			TC74VHC245FT	MOS-IC	
R380			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC17,18	*		30622M4-103GPU	MICROPROCESSOR IC	
R700-705			RK73FB2B472J	CHIP R 4.7K J 1/8W		IC22,23			NJM4558E-ZB	ANALOGUE IC	
R706			RK73FB2B221J	CHIP R 220 J 1/8W		IC24	*		TC74HC4040AF-F	MOS-IC	
R707			RK73FB2B331J	CHIP R 330 J 1/8W		IC25			TC7S04F-F	MOS-IC	
R708,709			RK73FB2B221J	CHIP R 220 J 1/8W		IC27			PCM3000E	MOS-IC	
R710			RK73FB2B331J	CHIP R 330 J 1/8W		IC29			BU4053BCF	MOS-IC	
R711			RK73FB2B472J	CHIP R 4.7K J 1/8W		IC30	*		AD2185BSTZ133	MICROPROCESSOR IC	
R712			RK73PB2H101J	CHIP R 100 J 1/2W		IC31,32			NJM4558E-ZB	ANALOGUE IC	
R713			RK73PB2H330J	CHIP R 33 J 1/2W		IC33			M62364FP-F	MOS-IC	
R714			RK73PB2H101J	CHIP R 100 J 1/2W		IC34			NJM4558E-ZB	ANALOGUE IC	
R715			RK73PB2H680J	CHIP R 68 J 1/2W		IC35	*		TC7S32FU-F	MOS-IC	
R716			RK73GB2A683J	CHIP R 68K J 1/10W		IC36			NJM4558E-ZB	ANALOGUE IC	
R717,718			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC37			BU4053BCF	MOS-IC	
R719			RK73GB2A681J	CHIP R 680 J 1/10W		IC38			TC7S00FU-F	MOS-IC	
R720			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC39			BU4094BCFV	MOS-IC	
R721			RK73FB2B000J	CHIP R 0.0 J 1/8W		IC40			NJM4558E-ZB	ANALOGUE IC	
R722,723			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC42	*		ADM202EARWZ	MOS-IC	
R724			RK73GB2A682J	CHIP R 6.8K J 1/10W		IC45			LA4422-E	BI-POLAR IC	
R725			RK73GB2A103J	CHIP R 10K J 1/10W		IC46-49	*		TC7S32FU-F	MOS-IC	
R726			RK73GB2A224J	CHIP R 220K J 1/10W		IC700-703			BU2114F	MOS-IC	
R727			RK73GB2A103J	CHIP R 10K J 1/10W		IC704			NJM78L05UA-ZB	BI-POLAR IC	
R728			RK73GB2A154J	CHIP R 150K J 1/10W		IC705			TA78L05FF	MOS-IC	
R729			RK73GB2A104J	CHIP R 100K J 1/10W		IC706			NJM78L05UA-ZB	BI-POLAR IC	
R730			RK73GB2A103J	CHIP R 10K J 1/10W		Q1			2SK1824-A	FET	
R731,732			RK73GB2A102J	CHIP R 1.0K J 1/10W		Q2			DTC114EUA	DIGITAL TRANSISTOR	
R733			RK73GB2A682J	CHIP R 6.8K J 1/10W		Q5			2SK1824-A	FET	
R734			RK73GB2A103J	CHIP R 10K J 1/10W		Q8			DTC144EUA	DIGITAL TRANSISTOR	
R756			RK73PB2H680J	CHIP R 68 J 1/2W		Q9			DTC114EUA	DIGITAL TRANSISTOR	
R757			RK73GB2A473J	CHIP R 47K J 1/10W		Q10			DTC144EUA	DIGITAL TRANSISTOR	
VR700			R12-6423-05	TRIMMING POT.(10K)		Q11			DTC363EU	DIGITAL TRANSISTOR	
VR701			R05-3442-05	POTENTIOMETER(10K)		Q12			DTC114EUA	DIGITAL TRANSISTOR	
S700-705		*	S70-0505-05	TACT SWITCH		Q13			DTD123TK	DIGITAL TRANSISTOR	
S706			S40-2441-15	PUSH SWITCH		Q14			DTC114EKA	DIGITAL TRANSISTOR	
D1			DA204U	DIODE		Q15			DTD123TK	DIGITAL TRANSISTOR	
						Q16			DTC114EKA	DIGITAL TRANSISTOR	
						Q700			2SA1586(Y,GR)F	TRANSISTOR	
						Q701			2SC4116(Y)F	TRANSISTOR	

PARTS LIST

CONTROL UNIT (X53-4210-10)
RX UNIT (X55-308X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
Q706			DTA114EUA	DIGITAL TRANSISTOR		C70			CC73GCH1H050C	CHIP C 5.0PF C	K3
Q707			DTC144EUA	DIGITAL TRANSISTOR		C70			CK73GB1H102K	CHIP C 1000PF K	K,K2,E
Q708			DTA114EUA	DIGITAL TRANSISTOR		C71			CC73GCH1H270J	CHIP C 27PF J	
Q709,710			DTC144EUA	DIGITAL TRANSISTOR		C72			CK73GB1H103K	CHIP C 0.010UF K	
RX UNIT (X55-308X-XX) 0-11:K, 0-12:K3, 2-71:K2,E						C73,74			CK73GB1H102K	CHIP C 1000PF K	
D9			B30-2130-05	LED(YG)		C75			CC73GCH1H270J	CHIP C 27PF J	
C1			CC73GCH1H050C	CHIP C 5.0PF C		C76			CC73GCH1H100D	CHIP C 10PF D	
C2,3			CK73GB1H102K	CHIP C 1000PF K		C77			CK73FB1E104K	CHIP C 0.10UF K	
C4-6			CK73GB1H103K	CHIP C 0.010UF K		C78			CC73GCH1H090D	CHIP C 9.0PF D	K2,E
C7			CK73GB1H102K	CHIP C 1000PF K		C78			CC73GCH1H100D	CHIP C 10PF D	K
C8			CS77CA1VR22M	CHIP TNL 0.22UF 35WV		C78			CC73GCH1H120J	CHIP C 12PF J	K3
C9			CK73FB1C105K	CHIP C 1.0UF K		C79			CC73GCH1H150J	CHIP C 15PF J	
C10			CS77AAQJ2R2M	CHIP TNL 2.2UF 6.3WV	K2,E	C80			CC73GCH1H180J	CHIP C 18PF J	K2,E
C10	*		CS77CA1A2R2M	CHIP TNL 2.2UF 10WV	K,K3	C80			CC73GCH1H220J	CHIP C 22PF J	K
C11			CK73GB1H102K	CHIP C 1000PF K		C80			CC73GCH1H270J	CHIP C 27PF J	K3
C12			CC73GCH1H470J	CHIP C 47PF J		C82	*		C92-0897-05	ELECTRO 470UF 16WV	
C13			CK73GB1H102K	CHIP C 1000PF K		C83			CK73GB1H103K	CHIP C 0.010UF K	
C14			CS77CA1V0R1M	CHIP TNL 0.1UF 35WV		C84			CS77AB20J470M	CHIP TNL 47UF 6.3WV	
C15			CC73FCH1H150G	CHIP C 15PF G		C85			CK73GB1H103K	CHIP C 0.010UF K	
C16			CC73GCH1H150J	CHIP C 15PF J		C86,87			CC73GCH1H150J	CHIP C 15PF J	K3
C17			CC73FCH1H470J	CHIP C 47PF J		C88			CS77AB21C220M	CHIP TNL 22UF 16WV	
C18-20			CK73GB1H102K	CHIP C 1000PF K		C89-91			CK73GB1H103K	CHIP C 0.010UF K	
C21			CC73FCH1H120G	CHIP C 12PF G		C92			CC73GCH1H040C	CHIP C 4.0PF C	
C23			CC73GCH1H040C	CHIP C 4.0PF C		C93			CC73GCH1H680J	CHIP C 68PF J	
C24			CK73GB1H103K	CHIP C 0.010UF K		C94,95			CC73GCH1H040C	CHIP C 4.0PF C	
C25			CC73FCH1H470J	CHIP C 47PF J		C96			CM73F2H120J	CHIP C 12PF J	
C26			CK73GB1H102K	CHIP C 1000PF K		C97			CC73GCH1H220J	CHIP C 22PF J	K3
C27			CK73GB1H103K	CHIP C 0.010UF K		C98			CC73GCH1H180J	CHIP C 18PF J	
C29			CK73GB1H103K	CHIP C 0.010UF K		C100			CC73GCH1H040C	CHIP C 4.0PF C	
C30,31			CK73GB1H102K	CHIP C 1000PF K		C101			CK73FB1E223K	CHIP C 0.022UF K	
C32			CC73FCH1H150G	CHIP C 15PF G	K,K2,E	C104			CC73GCH1H680J	CHIP C 68PF J	
C32			CC73FCH1H180J	CHIP C 18PF J	K3	C105,106			CS77AB21A470M	CHIP TNL 47UF 10WV	
C33			CC73GCH1H220J	CHIP C 22PF J		C107			CC73GCH1H080B	CHIP C 8.0PF B	K,K3
C34-36			CK73GB1H102K	CHIP C 1000PF K		C107			CC73GCH1H121J	CHIP C 120PF J	K2,E
C37			CK73GB1H103K	CHIP C 0.010UF K		C108-110			CK73GB1H103K	CHIP C 0.010UF K	
C38			CK73FB1C105K	CHIP C 1.0UF K		C111,112			CK73FB1E104K	CHIP C 0.10UF K	
C39			CC73GCH1H390J	CHIP C 39PF J		C113			CK73GB1H103K	CHIP C 0.010UF K	
C40			CC73FCH1H150G	CHIP C 15PF G		C114			CK73GB1H102K	CHIP C 1000PF K	
C41			CK73GB1H103K	CHIP C 0.010UF K		C115			CK73FB1E104K	CHIP C 0.10UF K	
C43,44			CC73FCH1H150G	CHIP C 15PF G		C116			CK73GB1H103K	CHIP C 0.010UF K	
C45,46			CK73GB1H102K	CHIP C 1000PF K		C117			CK73GB1H102K	CHIP C 1000PF K	
C47			CC73FCH1H150G	CHIP C 15PF G		C118-120			CK73GB1H103K	CHIP C 0.010UF K	
C48			CS77AA1A100M	CHIP TNL 10UF 10WV		C121			CC73GCH1H030C	CHIP C 3.0PF C	
C49			CC73GCH1H0R5B	CHIP C 0.5PF B		C122			CK73FB1E104K	CHIP C 0.10UF K	
C50			CC73FCH1H150G	CHIP C 15PF G		C123			CK73GB1H562K	CHIP C 5600PF K	
C53			CS77AA1A100M	CHIP TNL 10UF 10WV		C124			CS77AB21C220M	CHIP TNL 22UF 16WV	
C54			CK73GB1H102K	CHIP C 1000PF K		C125			CC73GCH1H030C	CHIP C 3.0PF C	
C55			CK73GB1H103K	CHIP C 0.010UF K		C126			CK73FB1E104K	CHIP C 0.10UF K	
C56			CS77AA1A100M	CHIP TNL 10UF 10WV		C127			CK73GB1H562K	CHIP C 5600PF K	
C57			CC73GCH1H0R5B	CHIP C 0.5PF B		C128			CC73GCH1H2R5C	CHIP C 2.5PF C	
C58			CK73GB1H102K	CHIP C 1000PF K		C129			CK73GB1C393K	CHIP C 0.039UF K	
C59			CS77AA1A100M	CHIP TNL 10UF 10WV		C130			CC73GCH1H040C	CHIP C 4.0PF C	
C60,61			CK73FB1E104K	CHIP C 0.10UF K		C131			CC73GCH1H680J	CHIP C 68PF J	
C62			CK73GB1H103K	CHIP C 0.010UF K		C132			CK73FB1E104K	CHIP C 0.10UF K	
C65			CC73GCH1H060B	CHIP C 6.0PF B	K,K3	C133			CK73GB1H103K	CHIP C 0.010UF K	
C66			CK73GB1H102K	CHIP C 1000PF K		C134			CS77AB21C220M	CHIP TNL 22UF 16WV	
C67			CC73GCH1H060B	CHIP C 6.0PF B	K,K3	C135			CK73GB1H103K	CHIP C 0.010UF K	
						C136			CC73GCH1H030C	CHIP C 3.0PF C	
						C137			CK73GB1H103K	CHIP C 0.010UF K	

PARTS LIST

RX UNIT (X55-308X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C138			CK73GB1C333K	CHIP C 0.033UF K		C220			CC73GCH1H220J	CHIP C 22PF J	K
C139			CC73GCH1H680J	CHIP C 68PF J		C220			CC73GCH1H270J	CHIP C 27PF J	K3
C140			CS77CA1V0R1M	CHIP TNTL 0.1UF 35WV		C221			CC73FCH1H040B	CHIP C 4.0PF B	K3
C141			CC73GCH1H030C	CHIP C 3.0PF C		C221,222			CC73FCH1H040B	CHIP C 4.0PF B	K,K2,E
C142			CK73FB1E104K	CHIP C 0.10UF K		C222			CC73FCH1H020B	CHIP C 2.0PF B	K3
C143			CK73GB1H103K	CHIP C 0.010UF K		C226			CK73GB1H103K	CHIP C 0.010UF K	
C144			CC73GCH1H220J	CHIP C 22PF J		C228,229			CK73FB1E104K	CHIP C 0.10UF K	
C145			CK73GB1E223K	CHIP C 0.022UF K		C306			CK73GB1H103K	CHIP C 0.010UF K	
C146-148			CK73GB1H103K	CHIP C 0.010UF K		C313			CC73GCH1H010C	CHIP C 1.0PF C	K2,E
C149			CK73GB1H102K	CHIP C 1000PF K		C313			CC73GCH1H080B	CHIP C 8.0PF B	K,K3
C150			CS77BA0J470M	CHIP TNTL 47UF 6.3WV		C316			CC73GCH1H020B	CHIP C 2.0PF B	K,K3
C151			CK73GB1H103K	CHIP C 0.010UF K		C321			CC73GCH1H040B	CHIP C 4.0PF B	K,K3
C152			CC73GCH1H090D	CHIP C 9.0PF D		C321			CC73GCH1H121J	CHIP C 120PF J	K2,E
C153			CK73GB1H102K	CHIP C 1000PF K		C327			CC73GCH1H020B	CHIP C 2.0PF B	K,K3
C154			CK73GB1H103K	CHIP C 0.010UF K		C327			CC73GCH1H050C	CHIP C 5.0PF C	K2,E
C155			CC73GCH1H220J	CHIP C 22PF J		C329			CK73GB1H471K	CHIP C 470PF K	
C156,157			CK73GB1H102K	CHIP C 1000PF K		C333			CK73GB1H471K	CHIP C 470PF K	
C158,159			CK73GB1H103K	CHIP C 0.010UF K		C346			CC73GCH1H121J	CHIP C 120PF J	
C160			CK73FB1E104K	CHIP C 0.10UF K		C384,385			CK73GB1H471K	CHIP C 470PF K	
C161			CK73GB1H102K	CHIP C 1000PF K		C387			CK73GB1C104K	CHIP C 0.10UF K	
C162			CK73GB1H103K	CHIP C 0.010UF K		C388			CK73GB1H471K	CHIP C 470PF K	
C163			CC73GCH1H090D	CHIP C 9.0PF D		C389			CK73GB1C104K	CHIP C 0.10UF K	
C164			CK73GB1H102K	CHIP C 1000PF K		C391			CK73GB1H471K	CHIP C 470PF K	
C165			CS77CA1ER47M	CHIP TNTL 0.47UF 25WV		C402			CK73GB1H471K	CHIP C 470PF K	
C166			CC73GCH1H080D	CHIP C 8.0PF D		C403,404			CK73GB1C104K	CHIP C 0.10UF K	
C167			CK73FB1E104K	CHIP C 0.10UF K		TC1,2			C05-0393-05	CERAMIC TRIMMER CAPACITOR(8PF)	
C168			CK73GB1H103K	CHIP C 0.010UF K		CN1			E04-0409-15	RF COAXIAL RECEPTACLE(SMB)	
C169,170			CS77AA1A100M	CHIP TNTL 10UF 10WV		CN2			E04-0154-05	PIN SOCKET	
C171			CS77CA1ER47M	CHIP TNTL 0.47UF 25WV		CN3-5			E41-2735-05	PIN ASSY	
C172,173			CK73FB1E104K	CHIP C 0.10UF K		CN6	*		E40-6724-05	FLAT CABLE CONNECTOR	
C174,175			CK73GB1H102K	CHIP C 1000PF K		CN7	*		E04-0409-15	RF COAXIAL RECEPTACLE(SMB)	
C176,177			CK73FB1E104K	CHIP C 0.10UF K		CF1	*		L72-1027-05	CERAMIC FILTER	
C178,179			CK73GB1H221K	CHIP C 220PF K		CF2	*		L72-1028-05	CERAMIC FILTER	
C180			CK73FB1E104K	CHIP C 0.10UF K		CF3	*		L72-1027-05	CERAMIC FILTER	
C181,182			CK73GB1H221K	CHIP C 220PF K		CF4	*		L72-1028-05	CERAMIC FILTER	
C183-186			CK73FB1E104K	CHIP C 0.10UF K		CF5	*		L72-1029-05	CERAMIC FILTER	
C187,188			CK73GB1H102K	CHIP C 1000PF K		L1			L34-4523-05	AIR-CORE COIL	
C189,190			CC73GCH1H270J	CHIP C 27PF J		L2			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C191,192			CK73FB1E104K	CHIP C 0.10UF K		L3	*		L79-1872-05	HELICAL BLOCK	K2,E
C193			CC73GCH1H680J	CHIP C 68PF J		L3	*		L79-1901-05	HELICAL BLOCK	K3
C194			CC73GCH1H220J	CHIP C 22PF J		L3	*		L79-1902-05	HELICAL BLOCK	K
C195			CK73GB1H102K	CHIP C 1000PF K		L4			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C196			CS77AA1A100M	CHIP TNTL 10UF 10WV		L5			L41-4775-33	SMALL FIXED INDUCTOR(0.047UH)	
C197			CK73GB1H102K	CHIP C 1000PF K		L6,7			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C198			CS77AA1A100M	CHIP TNTL 10UF 10WV		L8			L34-4586-05	AIR-CORE COIL	K
C199,200			CS77BA0J470M	CHIP TNTL 47UF 6.3WV		L8			L34-4598-05	AIR-CORE COIL	K2,E
C201,202			CK73FB1E104K	CHIP C 0.10UF K		L8			L34-4599-05	AIR-CORE COIL	K3
C203			CS77AA0G470M	CHIP TNTL 47UF 4.0WV		L9			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C204			CS77AA1A100M	CHIP TNTL 10UF 10WV		L10			L34-4586-05	AIR-CORE COIL	K
C207			CK73GB1H102K	CHIP C 1000PF K		L10			L34-4598-05	AIR-CORE COIL	K2,E
C208			CK73FB1E104K	CHIP C 0.10UF K		L10			L34-4599-05	AIR-CORE COIL	K3
C209			CK73GB1H103K	CHIP C 0.010UF K		L11			L41-1575-33	SMALL FIXED INDUCTOR(0.015UH)	K,K3
C210			CS77AB21C220M	CHIP TNTL 22UF 16WV		L11			L41-2285-33	SMALL FIXED INDUCTOR(0.22UH)	K2,E
C211			CC73GCH1H080D	CHIP C 8.0PF D		L12			L41-1085-33	SMALL FIXED INDUCTOR(0.1UH)	
C212			CK73GB1H103K	CHIP C 0.010UF K		L13			L41-8275-33	SMALL FIXED INDUCTOR(0.082UH)	
C213			CS77AA1A2R2M	CHIP TNTL 2.2UF 10WV		L14,15			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C217			CK73GB1H102K	CHIP C 1000PF K		L16	*		L79-1873-05	HELICAL BLOCK	K2,E
C218			CC73GCH1H220J	CHIP C 22PF J		L16	*		L79-1899-05	HELICAL BLOCK	K
C219			CC73GCH1H101J	CHIP C 100PF J		L16	*		L79-1900-05	HELICAL BLOCK	K3
C220			CC73GCH1H180J	CHIP C 18PF J	K2,E						

PARTS LIST

RX UNIT (X55-308X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
L17, 18 L19			L41-1005-33 L41-4775-33	SMALL FIXED INDUCTOR(10UH) SMALL FIXED INDUCTOR(0.047UH)		R22 R23 R24 R25			RK73GB2A102J RK73GB2A122J RK73GB2A000J RK73FB2B100J	CHIP R 1.0K J 1/10W CHIP R 1.2K J 1/10W CHIP R 0.0 J 1/10W CHIP R 10 J 1/8W	
L20 L21 L22 L23 L24			L41-1095-33 L41-4775-33 L41-6875-33 L41-4775-33 L41-1015-33	SMALL FIXED INDUCTOR(1.0UH) SMALL FIXED INDUCTOR(0.047UH) SMALL FIXED INDUCTOR(0.068UH) SMALL FIXED INDUCTOR(0.047UH) SMALL FIXED INDUCTOR(100UH)		R26 R27 R28 R30 R31			RK73GB2A101J RK73GB2A000J RK73GB2A000J RK73GB2A101J RK73GB2A000J	CHIP R 100 J 1/10W CHIP R 0.0 J 1/10W CHIP R 0.0 J 1/10W CHIP R 100 J 1/10W CHIP R 0.0 J 1/10W	K2,E K
L25 L26 L27, 28 L30 L31, 32			L41-3975-33 L41-4775-33 L34-4794-05 L41-1095-33 L34-4794-05	SMALL FIXED INDUCTOR(0.039UH) SMALL FIXED INDUCTOR(0.047UH) COIL SMALL FIXED INDUCTOR(1.0UH) COIL	K3	R32 R33 R34 R35, 36 R37			RK73GB2A101J RK73GB2A000J RK73GB2A102J RK73GB2A181J RK73GB2A270J	CHIP R 100 J 1/10W CHIP R 0.0 J 1/10W CHIP R 1.0K J 1/10W CHIP R 180 J 1/10W CHIP R 27 J 1/10W	
L33 L34, 35 L36, 37 L38 -41 L42			L41-1015-33 L40-1281-37 L41-1005-33 L34-4794-05 L41-1005-33	SMALL FIXED INDUCTOR(100UH) SMALL FIXED INDUCTOR(0.120UH) SMALL FIXED INDUCTOR(10UH) COIL SMALL FIXED INDUCTOR(10UH)		R38 R39 R41 R41 R42, 43			RK73FB2B000J RK73GB2A101J RK73GB2A271J RK73GB2A331J RK73GB2A000J	CHIP R 0.0 J 1/8W CHIP R 100 J 1/10W CHIP R 270 J 1/10W CHIP R 330 J 1/10W CHIP R 0.0 J 1/10W	K2,E K,K3
L43, 44 L45 L46 L47 L48			L34-4794-05 L40-1281-37 L41-1005-33 L40-1281-37 L41-1005-33	COIL SMALL FIXED INDUCTOR(0.120UH) SMALL FIXED INDUCTOR(10UH) SMALL FIXED INDUCTOR(0.120UH) SMALL FIXED INDUCTOR(10UH)		R44 R45 R46 R47 R48			RK73GB2A470J RK73GB2A103J RK73GB2A472J RK73GB2A104J RK73GB2A470J	CHIP R 47 J 1/10W CHIP R 10K J 1/10W CHIP R 4.7K J 1/10W CHIP R 100K J 1/10W CHIP R 47 J 1/10W	
L49 L49 L51 L52, 53 L54			L41-1278-14 L41-8278-14 L41-1095-33 L34-4725-05 L41-1095-33	SMALL FIXED INDUCTOR(12NH) SMALL FIXED INDUCTOR(82NH) SMALL FIXED INDUCTOR(1.0UH) COIL SMALL FIXED INDUCTOR(1.0UH)	K,K3 K2,E	R49 R49 R50, 51 R52 R53, 54			RK73GB2A271J RK73GB2A331J RK73GB2A222J RK73GB2A101J RK73GB2A103J	CHIP R 270 J 1/10W CHIP R 330 J 1/10W CHIP R 2.2K J 1/10W CHIP R 100 J 1/10W CHIP R 10K J 1/10W	K,K2,E K3
L55 L56 L58 L64 L65			L41-1015-33 L41-1075-33 L41-4775-33 L41-1005-33 L41-3375-33	SMALL FIXED INDUCTOR(100UH) SMALL FIXED INDUCTOR(0.01UH) SMALL FIXED INDUCTOR(0.047UH) SMALL FIXED INDUCTOR(10UH) SMALL FIXED INDUCTOR(0.033UH)		R55 R56 R57 R58 R60			RK73GB2A000J RK73GB2A223J RK73GB2A101J RK73GB2A472J RK73GB2A101J	CHIP R 0.0 J 1/10W CHIP R 22K J 1/10W CHIP R 100 J 1/10W CHIP R 4.7K J 1/10W CHIP R 100 J 1/10W	
L66 L363 L363,364			L41-1885-33 L41-1278-14 L41-2278-14	SMALL FIXED INDUCTOR(0.18UH) SMALL FIXED INDUCTOR(12NH) SMALL FIXED INDUCTOR(22NH)	K,K3 K2,E	R61 R62 R63 R64 R65			RK73GB2A472J RK73GB2A000J RK73GB2A471J RK73GB2A101J RK73GB2A102J	CHIP R 4.7K J 1/10W CHIP R 0.0 J 1/10W CHIP R 470 J 1/10W CHIP R 100 J 1/10W CHIP R 1.0K J 1/10W	
X1, 2			L77-1788-05	CRYSTAL RESONATOR(44.4MHZ)		R66 R67, 68 R69 R70 R71			RK73GB2A104J RK73GB2A821J RK73GB2A000J RK73GB2A470J RK73FB2B120J	CHIP R 100K J 1/10W CHIP R 820 J 1/10W CHIP R 0.0 J 1/10W CHIP R 47 J 1/10W CHIP R 12 J 1/8W	
XF1 XF2 XF3 XF4			L71-0542-05 L71-0543-05 L71-0544-05 L71-0545-05	MCF(44.85MHZ WIDE) MCF(44.85MHZ NARROW) MCF(44.85MHZ WIDE) MCF(44.85MHZ NARROW)		R72 R73, 74 R75 R76 R77			RK73GB2A100J RK73GB2A471J RK73GB2A104J RK73GB2A182J RK73GB2A102J	CHIP R 10 J 1/10W CHIP R 470 J 1/10W CHIP R 100K J 1/10W CHIP R 1.8K J 1/10W CHIP R 1.0K J 1/10W	
CP1			RK75GB1J102J	CHIP-COM 1.0K J 1/16W		R78 R79 R80 R81 R82			RK73GB2A103J RK73GB2A684J RK73GB2A122J RK73GB2A103J RK73FB2B220J	CHIP R 10K J 1/10W CHIP R 680K J 1/10W CHIP R 1.2K J 1/10W CHIP R 10K J 1/10W CHIP R 22 J 1/8W	
R1 R2 R3, 4 R5 R6			RK73GB2A105J RK73GB2A183J RK73GB2A473J RK73GB2A000J RK73GB2A223J	CHIP R 1.0M J 1/10W CHIP R 18K J 1/10W CHIP R 47K J 1/10W CHIP R 0.0 J 1/10W CHIP R 22K J 1/10W		R83 R84 R85 R90 R92			RK73GB2A684J RK73GB2A103J RK73GB2A182J RK73GB2A681J RK73GB2A681J	CHIP R 680K J 1/10W CHIP R 10K J 1/10W CHIP R 1.8K J 1/10W CHIP R 680 J 1/10W CHIP R 680 J 1/10W	
R7 R8 R9 R10 -12 R13			RK73GB2A470J RK73GB2A000J RK73GB2A560J RK73GB2A102J RK73GB2A182J	CHIP R 47 J 1/10W CHIP R 0.0 J 1/10W CHIP R 56 J 1/10W CHIP R 1.0K J 1/10W CHIP R 1.8K J 1/10W							
R14 R15 R16 R18, 19 R20			RK73GB2A560J RK73GB2A182J RK73GB2A222J RK73GB2A103J RK73FB2B100J	CHIP R 56 J 1/10W CHIP R 1.8K J 1/10W CHIP R 2.2K J 1/10W CHIP R 10K J 1/10W CHIP R 10 J 1/8W							
R21			RK73GB2A561J	CHIP R 560 J 1/10W							

PARTS LIST

RX UNIT (X55-308X-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R93			RK73GB2A680J	CHIP R 68 J 1/10W		R163			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R95			RK73GB2A152J	CHIP R 1.5K J 1/10W		R164,165			RK73GB2A473J	CHIP R 47K J 1/10W	
R96			RK73GB2A470J	CHIP R 47 J 1/10W		R166			RK73GB2A474J	CHIP R 470K J 1/10W	
R97			RK73FB2B220J	CHIP R 22 J 1/8W		R167			RK73GB2A224J	CHIP R 220K J 1/10W	
R98			RK73GB2A680J	CHIP R 68 J 1/10W		R168			RK73GB2A122J	CHIP R 1.2K J 1/10W	
R99			RK73GB2A152J	CHIP R 1.5K J 1/10W		R169			RK73GB2A103J	CHIP R 10K J 1/10W	
R100			RK73GB2A470J	CHIP R 47 J 1/10W		R170			RK73GB2A104J	CHIP R 100K J 1/10W	
R101			RK73GB2A220J	CHIP R 22 J 1/10W		R171			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R102			RK73GB2A680J	CHIP R 68 J 1/10W		R172			RK73GB2A104J	CHIP R 100K J 1/10W	
R103			RK73GB2A101J	CHIP R 100 J 1/10W		R173,174			RK73GB2A103J	CHIP R 10K J 1/10W	
R104			RK73GB2A220J	CHIP R 22 J 1/10W		R175			RK73GB2A224J	CHIP R 220K J 1/10W	
R105			RK73GB2A680J	CHIP R 68 J 1/10W		R176-178			RK73GB2A104J	CHIP R 100K J 1/10W	
R106			RK73GB2A222J	CHIP R 2.2K J 1/10W		R179			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R107			RK73GB2A564J	CHIP R 560K J 1/10W		R180			RK73GB2A331J	CHIP R 330 J 1/10W	
R108			RK73GB2A473J	CHIP R 47K J 1/10W		R181			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R109			RK73GB2A223J	CHIP R 22K J 1/10W		R182			RK73GB2A104J	CHIP R 100K J 1/10W	
R111			RK73GB2A222J	CHIP R 2.2K J 1/10W		R184			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R114			RK73GB2A394J	CHIP R 390K J 1/10W		R185			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R115			RK73GB2A222J	CHIP R 2.2K J 1/10W		R186			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R116			RK73GB2A000J	CHIP R 0.0 J 1/10W		R187-191			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R118			RK73GB2A104J	CHIP R 100K J 1/10W		R192			RK73GB2A104J	CHIP R 100K J 1/10W	
R119			RK73GB2A393J	CHIP R 39K J 1/10W		R193			RK73FB2B220J	CHIP R 22 J 1/8W	
R120			RK73EB2E000J	CHIP R 0.0 J 1/4W		R195			RK73GB2A331J	CHIP R 330 J 1/10W	
R121			RK73GB2A104J	CHIP R 100K J 1/10W		R196			RK73GB2A221J	CHIP R 220 J 1/10W	
R122			RK73GB2A680J	CHIP R 68 J 1/10W		R197			RK73GB2A153J	CHIP R 15K J 1/10W	
R123			RK73GB2A681J	CHIP R 680 J 1/10W		R198			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R124,125			RK73GB2A101J	CHIP R 100 J 1/10W		R199			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R126			RK73GB2A183J	CHIP R 18K J 1/10W		R302-304			RK73GB2A101J	CHIP R 100 J 1/10W	
R127			RK73GB2A681J	CHIP R 680 J 1/10W		R380			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R128			RK73GB2A680J	CHIP R 68 J 1/10W		R381-387			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R129			RK73GB2A152J	CHIP R 1.5K J 1/10W		R388			RK73GB2A101J	CHIP R 100 J 1/10W	K2,E
R130			RK73GB2A101J	CHIP R 100 J 1/10W		R388			RK73GB2A820J	CHIP R 82 J 1/10W	K,K3
R131			RK73GB2A470J	CHIP R 47 J 1/10W		R389			RK73GB2A151J	CHIP R 150 J 1/10W	K2,E
R132			RK73GB2A103J	CHIP R 10K J 1/10W		R390,391			RK73GB2A103J	CHIP R 10K J 1/10W	
R133			RK73GB2A680J	CHIP R 68 J 1/10W		R392			RK73GB2A223J	CHIP R 22K J 1/10W	
R134			RK73GB2A152J	CHIP R 1.5K J 1/10W		R393			RK73GB2A103J	CHIP R 10K J 1/10W	
R135			RK73GB2A103J	CHIP R 10K J 1/10W		R394			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R136			RK73GB2A470J	CHIP R 47 J 1/10W		D2 -4			1SV283F	VARIABLE CAPACITANCE DIODE	
R137			RK73GB2A220J	CHIP R 22 J 1/10W		D6			1SV283F	VARIABLE CAPACITANCE DIODE	
R138			RK73GB2A680J	CHIP R 68 J 1/10W		D10			DAN235K	DIODE	
R139			RK73GB2A101J	CHIP R 100 J 1/10W		D11			DAN202U	DIODE	
R140			RK73GB2A104J	CHIP R 100K J 1/10W		D12			1SS355	DIODE	
R141			RK73FB2B681J	CHIP R 680 J 1/8W		IC2			NJM78L05UA-ZB	BI-POLAR IC	
R142			RK73GB2A220J	CHIP R 22 J 1/10W		IC3			BU4094BCFV	MOS-IC	
R143			RK73GB2A680J	CHIP R 68 J 1/10W		IC4			TA7808SQ	BI-POLAR IC	
R144			RK73GB2A104J	CHIP R 100K J 1/10W		IC5			NJM2904E-ZB	ANALOGUE IC	
R145			RK73GB2A680J	CHIP R 68 J 1/10W		IC6			BU4053BCF	MOS-IC	
R146			RK73FB2B681J	CHIP R 680 J 1/8W		IC7,8			TA31137FNG	MOS-IC	
R147			RK73GB2A222J	CHIP R 2.2K J 1/10W		IC9			M62364FP-F	MOS-IC	
R148			RK73GB2A562J	CHIP R 5.6K J 1/10W		IC10			AT24C08A10SU18	ROM IC	
R149,150			RK73GB2A154J	CHIP R 150K J 1/10W		IC11,12			NJM4558E-ZB	ANALOGUE IC	
R151			RK73GB2A222J	CHIP R 2.2K J 1/10W		IC13			NJM78L08UA-ZB	BI-POLAR IC	
R152,153			RK73GB2A103J	CHIP R 10K J 1/10W		IC14			NJM2904E-ZB	ANALOGUE IC	
R154,155			RK73GB2A223J	CHIP R 22K J 1/10W		IC15			NJM4558E-ZB	ANALOGUE IC	
R156,157			RK73GB2A332J	CHIP R 3.3K J 1/10W		IC16			NJM78L05UA-ZB	BI-POLAR IC	
R158			RK73GB2A472J	CHIP R 4.7K J 1/10W		IC17			AM1-G	ANALOGUE IC	
R159			RK73GB2A272J	CHIP R 2.7K J 1/10W		IC18			TC7S66FUF	MOS-IC	
R160			RK73GB2A472J	CHIP R 4.7K J 1/10W		IC19		*	TC74HC14AF-F	MOS-IC	
R161			RK73GB2A272J	CHIP R 2.7K J 1/10W		IC20			AD9835BRUZ	MOS-IC	
R162			RK73GB2A152J	CHIP R 1.5K J 1/10W							

PARTS LIST

RX UNIT (X55-308X-XX)
TX UNIT (X56-3140-10) : K, K2, K3

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
IC21			TC7S66FUF	MOS-IC		C33			CK73GB1H102K	CHIP C	1000PF K
IC301			LMX2352TMX/NP	ANALOGUE IC		C34			CK73GB1H103K	CHIP C	0.010UF K
IC302			LMC7101BIM5	MOS-IC		C35 ,36			CC73GCH1H100D	CHIP C	10PF D
Q1			2SC3357-A	TRANSISTOR		C37			CK73GB1H102K	CHIP C	1000PF K
Q3			2SC3120-F	TRANSISTOR		C38			CC73GCH1H470J	CHIP C	47PF J
Q5			2SC3357-A	TRANSISTOR		C39			CK73GB1H471K	CHIP C	470PF K
Q6			2SC4226-A(R24)	TRANSISTOR		C40			CS77AB21C220M	CHIP TNTL	22UF 16WV
Q7			2SC2873(Y)F	TRANSISTOR		C41			CK73FB1E104K	CHIP C	0.10UF K
Q8 ,9			2SK508NV(K53)	FET		C42			CK73GB1H103K	CHIP C	0.010UF K
Q10			2SC3722K(S)	TRANSISTOR		C43			CK73GB1H471K	CHIP C	470PF K
Q12			2SC3722K(S)	TRANSISTOR		C45			CS77AB21C220M	CHIP TNTL	22UF 16WV
Q13			DTC114EUA	DIGITAL TRANSISTOR		C46			CK73FB1E104K	CHIP C	0.10UF K
Q14			2SC4215-F(Y)	TRANSISTOR		C47			CK73GB1H103K	CHIP C	0.010UF K
Q16			2SB1386(R)	TRANSISTOR		C50			CK73GB1H471K	CHIP C	470PF K
Q17			2SC3722K(S)	TRANSISTOR		C51			CC73GCH1H101J	CHIP C	100PF J
Q18 ,19			DTC114EUA	DIGITAL TRANSISTOR		C52			CK73GB1H102K	CHIP C	1000PF K
Q20			2SB1386(R)	TRANSISTOR		C53 -55			CK73GB1H471K	CHIP C	470PF K
Q22			DTC114EUA	DIGITAL TRANSISTOR		C56			CC73GCH1H471J	CHIP C	470PF J
Q24 ,25			2SC3357-A	TRANSISTOR		C57	*		CS77BA0J100M	CHIP TNTL	10UF 6.3WV
Q26			2SC4081(R)	TRANSISTOR		C58 ,59			CK73GB1H102K	CHIP C	1000PF K
Q28			2SC4081(R)	TRANSISTOR		C60			CK73GB1H471K	CHIP C	470PF K
Q29			DTC114EUA	DIGITAL TRANSISTOR		C61			CK73GB1H102K	CHIP C	1000PF K
Q30			2SK1824-A	FET		C62 ,63			CK73GB1H471K	CHIP C	470PF K
Q31 ,32			2SC3357-A	TRANSISTOR		C64 ,65			CC73GCH1H101J	CHIP C	100PF J
Q33			2SC4081(R)	TRANSISTOR		C66			CK73GB1H102K	CHIP C	1000PF K
Q34 ,35		*	2SJ106-F(GR)	FET		C68			CK73GB1H103K	CHIP C	0.010UF K
Q36 -38			DTC114EUA	DIGITAL TRANSISTOR		C70	*		CS77AA1C4R7M	CHIP TNTL	4.7UF 16WV
Q39			2SC4081(R)	TRANSISTOR		C71 -73			CK73GB1H103K	CHIP C	0.010UF K
TH1 ,2			157-153-65001	THERMISTOR		C74 -76			CC73GCH1H470J	CHIP C	47PF J
A1		*	W02-1982-15	DBM		C77			CK73GB1H103K	CHIP C	0.010UF K
TX UNIT (X56-3140-10) : K, K2, K3						C78			CK73GB1H222K	CHIP C	2200PF K
D50 ,51			B30-2130-05	LED(YG)		C79			CK73GB1H102K	CHIP C	1000PF K
D52			B30-2048-05	LED		C80			CS77CA1A100M	CHIP TNTL	10UF 10WV
C1 ,2			CK73GB1H102K	CHIP C	1000PF K	C82			CC73GCH1H100D	CHIP C	10PF D
C3 ,4			CC73GCH1H471J	CHIP C	470PF J	C100			CC73GCH1H070D	CHIP C	7.0PF D
C5			CC73FCH1H080B	CHIP C	8.0PF B	C101			CK73GB1H103K	CHIP C	0.010UF K
C6			CK73GB1H102K	CHIP C	1000PF K	C102			CS77CA1VR22M	CHIP TNTL	0.22UF 35WV
C7			CC73FCH1H120G	CHIP C	12PF G	C103,104			CK73GB1H103K	CHIP C	0.010UF K
C8			CC73FCH1H470J	CHIP C	47PF J	C105			CK73GB1H102K	CHIP C	1000PF K
C9			CC73FCH1H120G	CHIP C	12PF G	C106			CK73GB1H471K	CHIP C	470PF K
C10			CC73FCH1H560J	CHIP C	56PF J	C107			CS77CB21A220M	CHIP TNTL	22UF 10WV
C11			CK73GB1H103K	CHIP C	0.010UF K	C108,109			CK73GB1H102K	CHIP C	1000PF K
C12			CC73GCH1H010B	CHIP C	1.0PF B	C110			CK73GB1H103K	CHIP C	0.010UF K
C13			CK73GB1H102K	CHIP C	1000PF K	C111			CS77CA1C010M	CHIP TNTL	1.0UF 16WV
C14			CC73GCH1H010B	CHIP C	1.0PF B	C112			CK73GB1H102K	CHIP C	1000PF K
C15 ,16			CK73GB1H102K	CHIP C	1000PF K	C113			CC73GCH1H100D	CHIP C	10PF D
C17			CC73FCH1H100B	CHIP C	10PF B	C114-116			CK73GB1H103K	CHIP C	0.010UF K
C19 -22			CK73GB1H102K	CHIP C	1000PF K	C118,119			CC73GCH1H221J	CHIP C	220PF J
C23			CC73FCH1H080B	CHIP C	8.0PF B	C123			CK73FB1E104K	CHIP C	0.10UF K
C24			CK73GB1H103K	CHIP C	0.010UF K	C124			CS77AB21A470M	CHIP TNTL	47UF 10WV
C25			CC73FCH1H080B	CHIP C	8.0PF B	C125,126			CK73GB1H103K	CHIP C	0.010UF K
C26			CK73GB1H102K	CHIP C	1000PF K	C127			CS77AB21A470M	CHIP TNTL	47UF 10WV
C27 ,28			CC73GCH1H010B	CHIP C	1.0PF B	C128			CK73FB1E104K	CHIP C	0.10UF K
C29		*	C92-0897-05	ELECTRO	470UF 16WV	C130			CK73GB1H103K	CHIP C	0.010UF K
C30			CK73GB1H102K	CHIP C	1000PF K	C131			CS77CA1A100M	CHIP TNTL	10UF 10WV
C31			CK73GB1H103K	CHIP C	0.010UF K	C132			CK73GB1H102K	CHIP C	1000PF K
C32			CS77AB21C220M	CHIP TNTL	22UF 16WV	C133			CS77CA1A100M	CHIP TNTL	10UF 10WV
						C134			CK73GB1H102K	CHIP C	1000PF K
						C135			CS77CA1A100M	CHIP TNTL	10UF 10WV

PARTS LIST

TX UNIT (X56-3140-10) : K, K2, K3

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C136			CS77BAQJ470M	CHIP TNTL 47UF 6.3WV		C264			CC73GCH1H560J	CHIP C 56PF J	
C138			CS77BAQJ470M	CHIP TNTL 47UF 6.3WV		C265			CK73GB1C104K	CHIP C 0.10UF K	
						C266,267			CK73GB1E223K	CHIP C 0.022UF K	
C139			CS77CA1C010M	CHIP TNTL 1.0UF 16WV		C268			CS77CA1A100M	CHIP TNTL 10UF 10WV	
C140			CK73GB1H103K	CHIP C 0.010UF K		C269,270			CK73GB1H103K	CHIP C 0.010UF K	
C141			CK73GB1H102K	CHIP C 1000PF K		C271			CK73GB1H471K	CHIP C 470PF K	
C143			CC73GCH1H040C	CHIP C 4.0PF C		C272			CC73GCH1H470J	CHIP C 47PF J	
C144			CK73GB1H102K	CHIP C 1000PF K		C274			CK73FB1E104K	CHIP C 0.10UF K	
C145			CK73GB1H103K	CHIP C 0.010UF K		C275			CK73GB1H102K	CHIP C 1000PF K	
C147			CK73FB1E104K	CHIP C 0.10UF K		C277			CC73GCH1H560J	CHIP C 56PF J	
C165,166			CC73GCH1H101J	CHIP C 100PF J		C278-281			CK73GB1H102K	CHIP C 1000PF K	
C167			CK73GB1H102K	CHIP C 1000PF K		C282			CK73GB1H103K	CHIP C 0.010UF K	
C168			CS77AB21C220M	CHIP TNTL 22UF 16WV		C283			CC73GCH1H271J	CHIP C 270PF J	
C169			CK73GB1H103K	CHIP C 0.010UF K		C284			CK73GB1H103K	CHIP C 0.010UF K	
C170			CK73FB1E104K	CHIP C 0.10UF K		C285			CC73GCH1H330J	CHIP C 33PF J	
C171,172			CK73GB1H102K	CHIP C 1000PF K		C286			CC73GCH1H151J	CHIP C 150PF J	
C173			CK73GB1H103K	CHIP C 0.010UF K		C287			CC73GCH1H101J	CHIP C 100PF J	
C174			CS77AB21A470M	CHIP TNTL 47UF 10WV		C288			CK73GB1H102K	CHIP C 1000PF K	
C175			CK73FB1E104K	CHIP C 0.10UF K		C289			CC73GCH1H220J	CHIP C 22PF J	
C186			CK73GB1C104K	CHIP C 0.10UF K		C290			CC73GCH1H100D	CHIP C 10PF D	
C187,188			CK73GB1H102K	CHIP C 1000PF K		C291			CK73GB1H102K	CHIP C 1000PF K	
C201		*	CS77BA1A150M	CHIP TNTL 15UF 10WV		C292			CK73GB1H103K	CHIP C 0.010UF K	
C203			CK73GB1H103K	CHIP C 0.010UF K		C293			CK73GB1H102K	CHIP C 1000PF K	
C206,207			CC73GCH1H271J	CHIP C 270PF J		C294			CK73GB1H103K	CHIP C 0.010UF K	
C208			CS77CA1A100M	CHIP TNTL 10UF 10WV		C295			CC73GCH1H221J	CHIP C 220PF J	
C209			CS77BA1E010M	CHIP TNTL 1UF 25WV		C296,297			CC73GCH1H100D	CHIP C 10PF D	
C210			CC73GCH1H820J	CHIP C 82PF J		C298			CK73GB1H102K	CHIP C 1000PF K	
C211			CK73GB1H102K	CHIP C 1000PF K		C301		*	C92-0899-05	ELECTRO 330UF 25WV	
C212			CC73GCH1H151J	CHIP C 150PF J		C302,303			CK73GB1H102K	CHIP C 1000PF K	
C213			CK73GB1H103K	CHIP C 0.010UF K		C304			CK73GB1H471K	CHIP C 470PF K	
C214			CC73GCH1H100D	CHIP C 10PF D		C305			CK73GB1H103K	CHIP C 0.010UF K	
C215,216			CK73GB1H103K	CHIP C 0.010UF K		C306			CC73GCH1H0R5B	CHIP C 0.5PF B	
C218,219			CC73GCH1H101J	CHIP C 100PF J		C307			C93-0560-05	CHIP C 10PF D	
C220			CK73GB1H103K	CHIP C 0.010UF K		C308			C92-0899-05	ELECTRO 330UF 25WV	
C221-224			CC73GCH1H271J	CHIP C 270PF J		C309		*	CK73GB1H103K	CHIP C 0.010UF K	
C225			CK73GB1H102K	CHIP C 1000PF K		C310			CK73FB1E104K	CHIP C 0.10UF K	
C232			CS77AA1C2R2M	CHIP TNTL 2.2UF 16WV		C311			CE32CL1C470M	CHIP EL 47UF 16WV	
C233			CC73GCH1H180J	CHIP C 18PF J		C312			C93-0566-05	CHIP C 33PF J	
C235			CC73GCH1H270J	CHIP C 27PF J		C313,314			CK73GB1H102K	CHIP C 1000PF K	
C236		*	C92-0868-05	CHIP TNTL 1UF 16WV		C315			C93-0566-05	CHIP C 33PF J	
C237-239			CK73GB1H102K	CHIP C 1000PF K		C316			C93-0562-05	CHIP C 15PF J	
C240			CS77CA1A100M	CHIP TNTL 10UF 10WV		C317		*	C92-0899-05	ELECTRO 330UF 25WV	
C241			CK73GB1H102K	CHIP C 1000PF K		C318			CK73GB1H102K	CHIP C 1000PF K	
C242			CC73GCH1H100D	CHIP C 10PF D		C319-322			CK73GB1H471K	CHIP C 470PF K	
C243			CK73GB1H102K	CHIP C 1000PF K		C323-328			CK73GB1H102K	CHIP C 1000PF K	
C244			CS77CA1A100M	CHIP TNTL 10UF 10WV		C329			CK73GB1H103K	CHIP C 0.010UF K	
C245			CK73GB1H103K	CHIP C 0.010UF K		C330,331			CK73GB1H102K	CHIP C 1000PF K	
C246			CC73GCH1H271J	CHIP C 270PF J		C332,333			CK73FB1E104K	CHIP C 0.10UF K	
C247			CS77CA1C010M	CHIP TNTL 1.0UF 16WV		C334			CS77AA1ER47M	CHIP TNTL 0.47UF 25WV	
C248			CK73GB1H102K	CHIP C 1000PF K		C335			CK73GB1H102K	CHIP C 1000PF K	
C249			CC73GCH1H330J	CHIP C 33PF J		C336			C93-0554-05	CHIP C 4.0PF C	
C250			CK73GB1H103K	CHIP C 0.010UF K		C337			C93-0553-05	CHIP C 3.0PF C	
C251-253			CK73GB1H102K	CHIP C 1000PF K		C338			C93-0557-05	CHIP C 7.0PF D	
C254			CC73GCH1H101J	CHIP C 100PF J		C339			CK73GB1H102K	CHIP C 1000PF K	
C255,256			CK73GB1H102K	CHIP C 1000PF K		C340			CK73FB1E104K	CHIP C 0.10UF K	
C257			CC73GCH1H221J	CHIP C 220PF J		C341-344			CK73GB1H102K	CHIP C 1000PF K	
C258,259			CK73GB1H103K	CHIP C 0.010UF K		C345			CS77AA1DR68M	CHIP TNTL 0.68UF 20WV	
C260,261			CC73GCH1H100D	CHIP C 10PF D		C346			CK73FB1E104K	CHIP C 0.10UF K	
C262			CK73GB1H103K	CHIP C 0.010UF K		C348-350			CK73GB1H102K	CHIP C 1000PF K	
C263			CC73GCH1H220J	CHIP C 22PF J							

PARTS LIST

TX UNIT (X56-3140-10) : K, K2, K3

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C351			CS77AA1A4R7M	CHIP TNTL 4.7UF 10WV		L204			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C352			CK73GB1H102K	CHIP C 1000PF K		L205,206			L41-4785-33	SMALL FIXED INDUCTOR(0.47UH)	
C353			C93-0603-05	CHIP C 1000PF K		L207			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)	
C354			CK73GB1H102K	CHIP C 1000PF K		L208			L92-0179-05	CHIP FERRITE	
C355			CK73FB1E104K	CHIP C 0.10UF K		L209,210			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C357			CK73FB1E104K	CHIP C 0.10UF K		L240,241			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C358			CK73GB1H102K	CHIP C 1000PF K		L242,243			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C414			C93-0560-05	CHIP C 10PF D		L244			L40-6875-92	SMALL FIXED INDUCTOR(68NH)	
C421			CK73GB1C104K	CHIP C 0.10UF K		L246			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C501,502			CK73GB1H471K	CHIP C 470PF K		L247			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C504			CK73GB1H471K	CHIP C 470PF K		L248			L41-4785-33	SMALL FIXED INDUCTOR(0.47UH)	
C505			CK73GB1C104K	CHIP C 0.10UF K		L301-303			L34-4520-05	AIR-CORE COIL	
C506			CK73GB1H471K	CHIP C 470PF K		L304			L79-0558-05	FILTER	
C507			CC73GCH1H221J	CHIP C 220PF J		L305			L34-4523-05	AIR-CORE COIL	
C508			CK73GB1H471K	CHIP C 470PF K		L306			L92-0179-05	CHIP FERRITE	
C510			CK73GB1C104K	CHIP C 0.10UF K		L501,502			L40-1075-92	SMALL FIXED INDUCTOR(10NH)	
C511,512			CK73GB1H471K	CHIP C 470PF K		L503			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C529			CK73GB1H471K	CHIP C 470PF K							
C533			CK73GB1H471K	CHIP C 470PF K		X101	*		L77-1735-25	TCXO(20MHZ)	
C584			CK73GB1H471K	CHIP C 470PF K		X201			L77-1748-05	CRYSTAL RESONATOR	
C586,587			CK73GB1H471K	CHIP C 470PF K		XF210,211			L71-0529-05	MCF(20MHZ)	
C588			CK73GB1C104K	CHIP C 0.10UF K							
C589			CK73GB1H471K	CHIP C 470PF K		R1 ,2			RK73GB2A221J	CHIP R 220 J 1/10W	
C591,592			CK73GB1H471K	CHIP C 470PF K		R3 ,4			RK73GB2A473J	CHIP R 47K J 1/10W	
C593			CK73GB1C104K	CHIP C 0.10UF K		R5 ,6			RK73GB2A104J	CHIP R 100K J 1/10W	
C594,595			CK73GB1H103K	CHIP C 0.010UF K		R7			RK73GB2A333J	CHIP R 33K J 1/10W	
TC1 ,2			C05-0393-05	CERAMIC TRIMMER CAPACITOR(8PF)		R8			RK73GB2A273J	CHIP R 27K J 1/10W	
CN1			E04-0409-15	RF COAXIAL RECEPTACLE(SMB)		R9			RK73GB2A101J	CHIP R 100 J 1/10W	
CN2	*		E40-6727-05	FLAT CABLE CONNECTOR		R10 ,11			RK73GB2A000J	CHIP R 0.0 J 1/10W	
CN3	*		E40-6724-05	FLAT CABLE CONNECTOR		R12			RK73GB2A101J	CHIP R 100 J 1/10W	
CN101,102			E04-0409-15	RF COAXIAL RECEPTACLE(SMB)		R13			RK73GB2A471J	CHIP R 470 J 1/10W	
CN103,104			E41-2735-05	PIN ASSY		R14			RK73GB2A103J	CHIP R 10K J 1/10W	
CN301			E04-0408-15	RF COAXIAL RECEPTACLE(SMB)		R15			RK73GB2A471J	CHIP R 470 J 1/10W	
CN302	*		E40-6727-05	FLAT CABLE CONNECTOR		R16			RK73GB2A103J	CHIP R 10K J 1/10W	
CN304,305			E41-2735-05	PIN ASSY		R17			RK73GB2A473J	CHIP R 47K J 1/10W	
CN306,307			E23-0902-05	TERMINAL		R18			RK73GB2A103J	CHIP R 10K J 1/10W	
CN308			E04-0408-15	RF COAXIAL RECEPTACLE(SMB)		R19			RK73GB2A470J	CHIP R 47 J 1/10W	
CN502	*		E41-2714-05	PIN ASSY		R20			RK73GB2A103J	CHIP R 10K J 1/10W	
J402			J13-0071-05	FUSE HOLDER		R21			RK73GB2A471J	CHIP R 470 J 1/10W	
CF1			L72-1029-05	CERAMIC FILTER		R22			RK73GB2A103J	CHIP R 10K J 1/10W	
L1 ,2			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R23			RK73GB2A183J	CHIP R 18K J 1/10W	
L4			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R24			RK73GB2A101J	CHIP R 100 J 1/10W	
L5			L34-4601-05	AIR-CORE COIL		R25			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L6			L34-4600-05	AIR-CORE COIL		R26			RK73GB2A220J	CHIP R 22 J 1/10W	
L7			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R27			RK73GB2A101J	CHIP R 100 J 1/10W	
L11			L40-1085-92	SMALL FIXED INDUCTOR(100NH)		R28			RK73GB2A103J	CHIP R 10K J 1/10W	
L13			L40-1075-92	SMALL FIXED INDUCTOR(10NH)		R29			RK73GB2A183J	CHIP R 18K J 1/10W	
L14			L40-4775-92	SMALL FIXED INDUCTOR(47NH)		R30			RK73GB2A103J	CHIP R 10K J 1/10W	
L15			L41-1085-43	SMALL FIXED INDUCTOR(100NH)		R31			RK73GB2A101J	CHIP R 100 J 1/10W	
L101			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)		R32			RK73GB2A221J	CHIP R 220 J 1/10W	
L102			L41-2285-33	SMALL FIXED INDUCTOR(0.22UH)		R33			RK73GB2A103J	CHIP R 10K J 1/10W	
L103-105			L41-1015-33	SMALL FIXED INDUCTOR(100UH)		R34			RK73GB2A222J	CHIP R 2.2K J 1/10W	
L106			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)		R35			RK73GB2A182J	CHIP R 1.8K J 1/10W	
L201			L41-4785-33	SMALL FIXED INDUCTOR(0.47UH)		R36			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L202			L92-0179-05	CHIP FERRITE		R37			RK73GB2A153J	CHIP R 15K J 1/10W	
L203			L41-1595-33	SMALL FIXED INDUCTOR(1.5UH)		R38			RK73GB2A183J	CHIP R 18K J 1/10W	
						R39			RK73GB2A331J	CHIP R 330 J 1/10W	
						R40			RK73GB2A101J	CHIP R 100 J 1/10W	
						R41			RK73GB2A152J	CHIP R 1.5K J 1/10W	
						R42			RK73GB2A470J	CHIP R 47 J 1/10W	

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PARTS LIST

TX UNIT (X56-3140-10) : K, K2, K3

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R43			RK73GB2A102J	CHIP R 1.0K J 1/10W		R142			RK73GB2A104J	CHIP R 100K J 1/10W	
R44			RK73GB2A393J	CHIP R 39K J 1/10W		R143			RK73GB2A473J	CHIP R 47K J 1/10W	
R45			RK73GB2A000J	CHIP R 0.0 J 1/10W		R144			RK73GB2A334J	CHIP R 330K J 1/10W	
R46			RK73PB2H100J	CHIP R 10 J 1/2W		R145,146			RK73GB2A101J	CHIP R 100 J 1/10W	
R47			RK73GB2A000J	CHIP R 0.0 J 1/10W		R147			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R48			RK73GB2A103J	CHIP R 10K J 1/10W		R149			RK73GB2A103J	CHIP R 10K J 1/10W	
R49			RK73GB2A123J	CHIP R 12K J 1/10W		R150			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R50			RK73GB2A471J	CHIP R 470 J 1/10W		R151			RK73GB2A682J	CHIP R 6.8K J 1/10W	
R51, 52			RK73GB2A331J	CHIP R 330 J 1/10W		R180,181			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R54			RK73GB2A000J	CHIP R 0.0 J 1/10W		R182			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R55, 56			RK73GB2A102J	CHIP R 1.0K J 1/10W		R183			RK73GB2A473J	CHIP R 47K J 1/10W	
R57			RK73GB2A471J	CHIP R 470 J 1/10W		R184			RK73GB2A153J	CHIP R 15K J 1/10W	
R61			RK73GB2A471J	CHIP R 470 J 1/10W		R185			RK73GB2A101J	CHIP R 100 J 1/10W	
R62			RK73GB2A104J	CHIP R 100K J 1/10W		R186			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R63			RK73GB2A101J	CHIP R 100 J 1/10W		R190-192			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R64			RK73GB2A471J	CHIP R 470 J 1/10W		R202			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R65			RK73GB2A474J	CHIP R 470K J 1/10W		R203,204			RK73GB2A273J	CHIP R 27K J 1/10W	
R67			RK73GB2A124J	CHIP R 120K J 1/10W		R205			RK73GB2A473J	CHIP R 47K J 1/10W	
R68			RK73GB2A224J	CHIP R 220K J 1/10W		R206			RK73GB2A474J	CHIP R 470K J 1/10W	
R69, 70			RK73GB2A563J	CHIP R 56K J 1/10W		R208			RK73GB2A104J	CHIP R 100K J 1/10W	
R71			RK73GB2A474J	CHIP R 470K J 1/10W		R209			RK73GB2A103J	CHIP R 10K J 1/10W	
R72			RK73GB2A101J	CHIP R 100 J 1/10W		R210			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R73			RK73GB2A104J	CHIP R 100K J 1/10W		R211			RK73GB2A474J	CHIP R 470K J 1/10W	
R74			RK73GB2A221J	CHIP R 220 J 1/10W		R212			RK73GB2A471J	CHIP R 470 J 1/10W	
R77			RK73GB2A471J	CHIP R 470 J 1/10W		R213			RK73GB2A101J	CHIP R 100 J 1/10W	
R78, 79			RK73GB2A331J	CHIP R 330 J 1/10W		R214			RK73GB2A821J	CHIP R 820 J 1/10W	
R85-87			RK73GB2A101J	CHIP R 100 J 1/10W		R215			RK73GB2A124J	CHIP R 120K J 1/10W	
R88			RK73GB2A183J	CHIP R 18K J 1/10W		R216			RK73GB2A104J	CHIP R 100K J 1/10W	
R89			RK73GB2A222J	CHIP R 2.2K J 1/10W		R217			RK73GB2A221J	CHIP R 220 J 1/10W	
R100			RK73GB2A103J	CHIP R 10K J 1/10W		R218			RK73GB2A471J	CHIP R 470 J 1/10W	
R101			RK73GB2A105J	CHIP R 1.0M J 1/10W		R219			RK73GB2A103J	CHIP R 10K J 1/10W	
R102			RK73GB2A473J	CHIP R 47K J 1/10W		R220			RK73GB2A473J	CHIP R 47K J 1/10W	
R105			RK73GB2A331J	CHIP R 330 J 1/10W		R221			RK73GB2A560J	CHIP R 56 J 1/10W	
R106			RK73GB2A101J	CHIP R 100 J 1/10W		R222			RK73GB2A103J	CHIP R 10K J 1/10W	
R107			RK73GB2A471J	CHIP R 470 J 1/10W		R223			RK73GB2A153J	CHIP R 15K J 1/10W	
R108			RK73GB2A183J	CHIP R 18K J 1/10W		R224			RK73GB2A223J	CHIP R 22K J 1/10W	
R109			RK73FB2B000J	CHIP R 0.0 J 1/8W		R225			RK73GB2A103J	CHIP R 10K J 1/10W	
R112			RK73GB2A183J	CHIP R 18K J 1/10W		R226			RK73GB2A124J	CHIP R 120K J 1/10W	
R113			RK73GB2A121J	CHIP R 120 J 1/10W		R227			RK73GB2A473J	CHIP R 47K J 1/10W	
R114			RK73GB2A000J	CHIP R 0.0 J 1/10W		R228			RK73GB2A104J	CHIP R 100K J 1/10W	
R115			RK73GB2A101J	CHIP R 100 J 1/10W		R240			RK73GB2A101J	CHIP R 100 J 1/10W	
R117			RK73GB2A101J	CHIP R 100 J 1/10W		R241,242			RK73GB2A473J	CHIP R 47K J 1/10W	
R118,119			RK73GB2A103J	CHIP R 10K J 1/10W		R243			RK73GB2A103J	CHIP R 10K J 1/10W	
R120			RK73GB2A102J	CHIP R 1.0K J 1/10W		R244			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R121			RK73GB2A000J	CHIP R 0.0 J 1/10W		R245			RK73GB2A101J	CHIP R 100 J 1/10W	
R122			RK73GB2A101J	CHIP R 100 J 1/10W		R247			RK73GB2A101J	CHIP R 100 J 1/10W	
R123			RK73GB2A103J	CHIP R 10K J 1/10W		R249			RK73GB2A473J	CHIP R 47K J 1/10W	
R124			RK73GB2A000J	CHIP R 0.0 J 1/10W		R250			RK73GB2A221J	CHIP R 220 J 1/10W	
R129			RK73GB2A102J	CHIP R 1.0K J 1/10W		R251,252			RK73GB2A101J	CHIP R 100 J 1/10W	
R130			RK73GB2A331J	CHIP R 330 J 1/10W		R253			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R131			RK73GB2A102J	CHIP R 1.0K J 1/10W		R254			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R132			RK73GB2A124J	CHIP R 120K J 1/10W		R257,258	*		RK73PB2H151J	CHIP R 150 J 1/2W	
R133			RK73GB2A104J	CHIP R 100K J 1/10W		R259			RK73PB2H390J	CHIP R 39 J 1/2W	
R134			RK73GB2A102J	CHIP R 1.0K J 1/10W		R260			RK73GB2A183J	CHIP R 18K J 1/10W	
R137			RK73GB2A103J	CHIP R 10K J 1/10W		R262			RK73GB2A101J	CHIP R 100 J 1/10W	
R138			RK73GB2A123J	CHIP R 12K J 1/10W		R263			RK73GB2A473J	CHIP R 47K J 1/10W	
R139			RK73GB2A103J	CHIP R 10K J 1/10W		R264-266			RK73GB2A273J	CHIP R 27K J 1/10W	
R140			RK73GB2A393J	CHIP R 39K J 1/10W		R267			RK73GB2A103J	CHIP R 10K J 1/10W	
R141			RK73GB2A102J	CHIP R 1.0K J 1/10W		R268			RK73GB2A153J	CHIP R 15K J 1/10W	

PARTS LIST

TX UNIT (X56-3140-10) : K, K2, K3

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R269			RK73GB2A102J	CHIP R 1.0K J 1/10W		R501-507			RK73GB2A101J	CHIP R 100 J 1/10W	
R270,271			RK73PB2H221J	CHIP R 220 J 1/2W		R509			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R272			RK73GB2A103J	CHIP R 10K J 1/10W		R510-513			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R273			RK73GB2A473J	CHIP R 47K J 1/10W		R515-517			RK73GB2A000J	CHIP R 0.0 J 1/10W	
						R518			RK73GB2A101J	CHIP R 100 J 1/10W	
R274			RK73GB2A101J	CHIP R 100 J 1/10W		R580			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R275			RK73GB2A560J	CHIP R 56 J 1/10W		R581-585			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R300			RK73GB2A101J	CHIP R 100 J 1/10W		R587-589			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R301			RK73GB2A473J	CHIP R 47K J 1/10W		R590,591			RK73GB2A103J	CHIP R 10K J 1/10W	
R303			RK73FB2B331J	CHIP R 330 J 1/8W		R592			RK73GB2A153J	CHIP R 15K J 1/10W	
R304			RK73FB2B820J	CHIP R 82 J 1/8W		R593			RK73GB2A103J	CHIP R 10K J 1/10W	
R305			RK73FB2B331J	CHIP R 330 J 1/8W		R600			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R306			RK73GB2A103J	CHIP R 10K J 1/10W		R605			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R308			RK73GB2A102J	CHIP R 1.0K J 1/10W		TS301	*	S79-0470-05		THERMAL SWITCH	
R310			RK73PB2H221J	CHIP R 220 J 1/2W		D1 -6			1SV283F	VARIABLE CAPACITANCE DIODE	
R311			RK73GB2A473J	CHIP R 47K J 1/10W		D7	*		1SV128-F	DIODE	
R312			RK73PB2H221J	CHIP R 220 J 1/2W		D11 ,12			1SS355	DIODE	
R313			RK73GB2A102J	CHIP R 1.0K J 1/10W		D101	*		1SV128-F	DIODE	
R314			RK73GB2A104J	CHIP R 100K J 1/10W		D103	*		1SV128-F	DIODE	
R315			RK73GB2A102J	CHIP R 1.0K J 1/10W		D201-203			1SV283F	VARIABLE CAPACITANCE DIODE	
R316,317			RK73GB2A473J	CHIP R 47K J 1/10W		D204			1SS355	DIODE	
R318			RK73GB2A472J	CHIP R 4.7K J 1/10W		D205			HSM88AS-E	DIODE	
R319			RK73GB2A683J	CHIP R 68K J 1/10W		D206			MINISMDC07502F	VARISTOR	
R320			RK73GB2A474J	CHIP R 470K J 1/10W		D303			ERZV14D220	SURGE ABSORBER	
R321			RK73GB2A472J	CHIP R 4.7K J 1/10W		D304			1SS355	DIODE	
R322			RK73GB2A103J	CHIP R 10K J 1/10W		D305			DSM3MA1-RPB	DIODE	
R323,324			RK73GB2A472J	CHIP R 4.7K J 1/10W		D306-308			HSM88AS-E	DIODE	
R325			RK73GB2A562J	CHIP R 5.6K J 1/10W		D310			MINISMDC07502F	VARISTOR	
R326			RK73GB2A103J	CHIP R 10K J 1/10W		D312	*		02CZ12(X,Y)F	ZENER DIODE	
R327			RK73FB2B331J	CHIP R 330 J 1/8W		D317,318			1SS355	DIODE	
R328			RK73FB2B271J	CHIP R 270 J 1/8W		D500			MINISMDE190F	VARISTOR	
R329			RK73GB2A103J	CHIP R 10K J 1/10W		D503			1SS355	DIODE	
R330			RK73GB2A123J	CHIP R 12K J 1/10W		IC1			TA7808SQ	BI-POLAR IC	
R331			RK73GB2A223J	CHIP R 22K J 1/10W		IC2			NJM78L08UA-ZB	BI-POLAR IC	
R332			RK73GB2A823J	CHIP R 82K J 1/10W		IC3			M62364FP-F	MOS-IC	
R333			RK73GB2A473J	CHIP R 47K J 1/10W		IC4			BU4094BCFV	MOS-IC	
R334			RK73GB2A273J	CHIP R 27K J 1/10W		IC100			TA75S01F-F	MOS-IC	
R335			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC102			TA75S01F-F	MOS-IC	
R337			RK73FB2B272J	CHIP R 2.7K J 1/8W		IC103			NJM78L05UA-ZB	BI-POLAR IC	
R338,339			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC105			NJM4558E-ZB	ANALOGUE IC	
R340			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC106			AT24C08A10SU18	ROM IC	
R341			RK73GB2A103J	CHIP R 10K J 1/10W		IC107			NJM4558E-ZB	ANALOGUE IC	
R342			RK73GB2A472J	CHIP R 4.7K J 1/10W		IC108			NJM78L08UA-ZB	BI-POLAR IC	
R343			RK73FB2B102J	CHIP R 1.0K J 1/8W		IC109			NJM2904E-ZB	ANALOGUE IC	
R344			RK73GB2A472J	CHIP R 4.7K J 1/10W		IC110			NJM78L05UA-ZB	BI-POLAR IC	
R345			RK73GB2A473J	CHIP R 47K J 1/10W		IC200			TC4S81F-F	MOS-IC	
R346			RK73FB2B102J	CHIP R 1.0K J 1/8W		IC202			AD9835BRUZ	MOS-IC	
R347			RK73GB2A103J	CHIP R 10K J 1/10W		IC203			NJM2904E-ZB	ANALOGUE IC	
R348			RK73FB2B392J	CHIP R 3.9K J 1/8W		IC204	*		NJM2903M-ZB	MOS-IC	
R349			RK73GB2A223J	CHIP R 22K J 1/10W		IC205			NJM78L05UA-ZB	BI-POLAR IC	
R350			RK73GB2A473J	CHIP R 47K J 1/10W		IC206	*		TC74HC14AF-F	MOS-IC	
R354,355			RK73GB2A473J	CHIP R 47K J 1/10W		IC302,303	*		OP291GSZ	BI-POLAR IC	
R356			RK73GB2A104J	CHIP R 100K J 1/10W		IC304	*		TC4W66F-F	MOS-IC	
R357			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC305			LMC7101BIM5	MOS-IC	
R358			RK73FB2B331J	CHIP R 330 J 1/8W		IC501,502			LMX2352TMX/NP	ANALOGUE IC	
R359			RK73FB2B820J	CHIP R 82 J 1/8W		IC601			RA07M1317M101	MOS-IC(POWER MODULE)	
R360			RK73FB2B331J	CHIP R 330 J 1/8W		Q1 ,2			2SK508NV(K52)	FET	
R400			RK73GB2A103J	CHIP R 10K J 1/10W		Q3 ,4			2SC3722K(S)	TRANSISTOR	
R403			RK73GB2A104J	CHIP R 100K J 1/10W							
R410			RK73GB2A103J	CHIP R 10K J 1/10W							

If a part reference number is listed in a shaded box, that part does not come with the PCB.

PARTS LIST

TX UNIT (X56-3140-10) : K, K2, K3

TX UNIT (X56-3102-70) : E

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
Q5			2SK1824-A	FET		C24			CK73GB1H103K	CHIP C	0.010UF K
Q6			2SC3120-F	TRANSISTOR		C25			CC73FCH1H080B	CHIP C	8.0PF B
Q7			2SC3722K(S)	TRANSISTOR		C26			CK73GB1H102K	CHIP C	1000PF K
Q8		*	IMH5A	TRANSISTOR		C27 ,28			CC73GCH1H010B	CHIP C	1.0PF B
Q9			2SC3120-F	TRANSISTOR		C29		*	C92-0897-05	ELECTRO	470UF 16WV
Q11			2SB1386(R)	TRANSISTOR		C30			CK73GB1H102K	CHIP C	1000PF K
Q12			DTC114EUA	DIGITAL TRANSISTOR		C31			CK73GB1H103K	CHIP C	0.010UF K
Q13			2SC3356-A	TRANSISTOR		C32			CS77AB21C220M	CHIP TNTL	22UF 16WV
Q14			2SK2596-E	FET		C33			CK73GB1H102K	CHIP C	1000PF K
Q15		*	2SK302-F(Y)	FET		C34			CK73GB1H103K	CHIP C	0.010UF K
Q17 ,18			2SK1824-A	FET		C35 ,36			CC73GCH1H100D	CHIP C	10PF D
Q21			UMC5	TRANSISTOR		C37			CK73GB1H102K	CHIP C	1000PF K
Q102			2SC4215-F(Y)	TRANSISTOR		C38			CC73GCH1H470J	CHIP C	47PF J
Q106			2SC4215-F(Y)	TRANSISTOR		C39			CK73GB1H471K	CHIP C	470PF K
Q107			2SC3120-F	TRANSISTOR		C40			CS77AB21C220M	CHIP TNTL	22UF 16WV
Q108,109			2SC4215-F(Y)	TRANSISTOR		C41			CK73FB1E104K	CHIP C	0.10UF K
Q110			UMC5	TRANSISTOR		C42			CK73GB1H103K	CHIP C	0.010UF K
Q112,113			2SK1824-A	FET		C43			CK73GB1H471K	CHIP C	470PF K
Q114			DTA114EUA	DIGITAL TRANSISTOR		C45			CS77AB21C220M	CHIP TNTL	22UF 16WV
Q115			2SC4215-F(Y)	TRANSISTOR		C46			CK73FB1E104K	CHIP C	0.10UF K
Q201,202			2SC4215-F(Y)	TRANSISTOR		C47			CK73GB1H103K	CHIP C	0.010UF K
Q203			2SK1824-A	FET		C50			CK73GB1H471K	CHIP C	470PF K
Q205			2SC4215-F(Y)	TRANSISTOR		C51			CC73GCH1H101J	CHIP C	100PF J
Q206			2SK1824-A	FET		C52			CK73GB1H102K	CHIP C	1000PF K
Q207			DTC114EUA	DIGITAL TRANSISTOR		C53 -55			CK73GB1H471K	CHIP C	470PF K
Q208			2SK1824-A	FET		C56			CC73GCH1H471J	CHIP C	470PF J
Q240-242			2SC4215-F(Y)	TRANSISTOR		C57			CS77AAQJ100M	CHIP TNTL	10UF 6.3WV
Q301			2SC4081(R)	TRANSISTOR		C58 ,59			CK73GB1H102K	CHIP C	1000PF K
Q302		*	IMH5A	TRANSISTOR		C60			CK73GB1H471K	CHIP C	470PF K
Q304		*	IMH5A	TRANSISTOR		C61			CK73GB1H102K	CHIP C	1000PF K
Q305			DTC114EUA	DIGITAL TRANSISTOR		C62 ,63			CK73GB1H471K	CHIP C	470PF K
Q306			2SB951A(Q)	TRANSISTOR		C64 ,65			CC73GCH1H101J	CHIP C	100PF J
Q307			FMW1	TRANSISTOR		C66			CK73GB1H102K	CHIP C	1000PF K
Q308			UMC5	TRANSISTOR		C68			CK73GB1H103K	CHIP C	0.010UF K
Q309			2SB951A(Q)	TRANSISTOR		C70		*	CS77AA1C4R7M	CHIP TNTL	4.7UF 16WV
Q310			FMW1	TRANSISTOR		C71 -73			CK73GB1H103K	CHIP C	0.010UF K
Q312,313			DTC114EUA	DIGITAL TRANSISTOR		C74 -76			CC73GCH1H470J	CHIP C	47PF J
TH301,302			157-503-53006	THERMISTOR		C77			CK73GB1H103K	CHIP C	0.010UF K
TX UNIT (X56-3102-70) : E						C78			CK73GB1H222K	CHIP C	2200PF K
D50 ,51			B30-2130-05	LED(YG)		C79			CK73GB1H102K	CHIP C	1000PF K
D52			B30-2048-05	LED		C80			CS77AA1A100M	CHIP TNTL	10UF 10WV
C1 ,2			CK73GB1H102K	CHIP C	1000PF K	C82			CC73GCH1H100D	CHIP C	10PF D
C3 ,4			CC73GCH1H471J	CHIP C	470PF J	C100			CC73GCH1H070D	CHIP C	7.0PF D
C5			CC73FCH1H080B	CHIP C	8.0PF B	C101			CK73GB1H103K	CHIP C	0.010UF K
C6			CK73GB1H102K	CHIP C	1000PF K	C102			CS77CA1VR22M	CHIP TNTL	0.22UF 35WV
C7			CC73FCH1H120G	CHIP C	12PF G	C103,104			CK73GB1H103K	CHIP C	0.010UF K
C8			CC73FCH1H470J	CHIP C	47PF J	C105			CK73GB1H102K	CHIP C	1000PF K
C9			CC73FCH1H120G	CHIP C	12PF G	C106			CK73GB1H471K	CHIP C	470PF K
C10			CC73FCH1H560J	CHIP C	56PF J	C107			CS77AB21A220M	CHIP TNTL	22UF 10WV
C11			CK73GB1H103K	CHIP C	0.010UF K	C108,109			CK73GB1H102K	CHIP C	1000PF K
C12			CC73GCH1H010B	CHIP C	1.0PF B	C110			CK73GB1H103K	CHIP C	0.010UF K
C13			CK73GB1H102K	CHIP C	1000PF K	C111			CS77CA1C010M	CHIP TNTL	1.0UF 16WV
C14			CC73GCH1H010B	CHIP C	1.0PF B	C112			CK73GB1H102K	CHIP C	1000PF K
C15 ,16			CK73GB1H102K	CHIP C	1000PF K	C113			CC73GCH1H100D	CHIP C	10PF D
C17			CC73FCH1H100B	CHIP C	10PF B	C114-116			CK73GB1H103K	CHIP C	0.010UF K
C19 -22			CK73GB1H102K	CHIP C	1000PF K	C118,119			CC73GCH1H221J	CHIP C	220PF J
C23			CC73FCH1H080B	CHIP C	8.0PF B	C123			CK73FB1E104K	CHIP C	0.10UF K
						C124		*	CS77AB21A470M	CHIP TNTL	47UF 10WV
						C125,126			CK73GB1H103K	CHIP C	0.010UF K

PARTS LIST

TX UNIT (X56-3102-70) : E

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C127		*	CS77AB21A470M	CHIP TNTL 47UF 10WV		C251-253			CK73GB1H102K	CHIP C 1000PF K	
C128			CK73FB1E104K	CHIP C 0.10UF K		C254			CC73GCH1H101J	CHIP C 100PF J	
C130			CK73GB1H103K	CHIP C 0.010UF K		C255,256			CK73GB1H102K	CHIP C 1000PF K	
C131			CS77AA1A100M	CHIP TNTL 10UF 10WV		C257			CC73GCH1H221J	CHIP C 220PF J	
C132			CK73GB1H102K	CHIP C 1000PF K		C258,259			CK73GB1H103K	CHIP C 0.010UF K	
C133			CS77AA1A100M	CHIP TNTL 10UF 10WV		C260,261			CC73GCH1H100D	CHIP C 10PF D	
C134			CK73GB1H102K	CHIP C 1000PF K		C262			CK73GB1H103K	CHIP C 0.010UF K	
C135			CS77AA1A100M	CHIP TNTL 10UF 10WV		C263			CC73GCH1H220J	CHIP C 22PF J	
C136			CS77BA0J470M	CHIP TNTL 47UF 6.3WV		C264			CC73GCH1H560J	CHIP C 56PF J	
C138			CS77BA0J470M	CHIP TNTL 47UF 6.3WV		C265			CK73GB1C104K	CHIP C 0.10UF K	
C139			CS77CA1C010M	CHIP TNTL 1.0UF 16WV		C266,267			CK73GB1E223K	CHIP C 0.022UF K	
C140			CK73GB1H103K	CHIP C 0.010UF K		C268			CS77AA1A100M	CHIP TNTL 10UF 10WV	
C141			CK73GB1H102K	CHIP C 1000PF K		C269,270			CK73GB1H103K	CHIP C 0.010UF K	
C143			CC73GCH1H040C	CHIP C 4.0PF C		C271			CK73GB1H471K	CHIP C 470PF K	
C144			CK73GB1H102K	CHIP C 1000PF K		C272			CC73GCH1H470J	CHIP C 47PF J	
C145			CK73GB1H103K	CHIP C 0.010UF K		C274			CK73FB1E104K	CHIP C 0.10UF K	
C147			CK73FB1E104K	CHIP C 0.10UF K		C275			CK73GB1H102K	CHIP C 1000PF K	
C165,166			CC73GCH1H101J	CHIP C 100PF J		C277			CC73GCH1H560J	CHIP C 56PF J	
C167			CK73GB1H102K	CHIP C 1000PF K		C278-281			CK73GB1H102K	CHIP C 1000PF K	
C168			CS77AB21C220M	CHIP TNTL 22UF 16WV		C282			CK73GB1H103K	CHIP C 0.010UF K	
C169			CK73GB1H103K	CHIP C 0.010UF K		C283			CC73GCH1H271J	CHIP C 270PF J	
C170			CK73FB1E104K	CHIP C 0.10UF K		C284			CK73GB1H103K	CHIP C 0.010UF K	
C171,172			CK73GB1H102K	CHIP C 1000PF K		C285			CC73GCH1H330J	CHIP C 33PF J	
C173			CK73GB1H103K	CHIP C 0.010UF K		C286			CC73GCH1H151J	CHIP C 150PF J	
C174		*	CS77AB21A470M	CHIP TNTL 47UF 10WV		C287			CC73GCH1H101J	CHIP C 100PF J	
C175			CK73FB1E104K	CHIP C 0.10UF K		C288			CK73GB1H102K	CHIP C 1000PF K	
C186			CK73GB1C104K	CHIP C 0.10UF K		C289			CC73GCH1H220J	CHIP C 22PF J	
C187,188			CK73GB1H102K	CHIP C 1000PF K		C290			CC73GCH1H100D	CHIP C 10PF D	
C201		*	CS77AA0J150M	CHIP TNTL 15UF 6.3WV		C291			CK73GB1H102K	CHIP C 1000PF K	
C203			CK73GB1H103K	CHIP C 0.010UF K		C292			CK73GB1H103K	CHIP C 0.010UF K	
C206,207			CC73GCH1H271J	CHIP C 270PF J		C293			CK73GB1H102K	CHIP C 1000PF K	
C208			CS77AA1A100M	CHIP TNTL 10UF 10WV		C294			CK73GB1H103K	CHIP C 0.010UF K	
C209			CS77AA1E010M	CHIP TNTL 1.0UF 25WV		C295			CC73GCH1H221J	CHIP C 220PF J	
C210			CC73GCH1H820J	CHIP C 82PF J		C296,297			CC73GCH1H100D	CHIP C 10PF D	
C211			CK73GB1H102K	CHIP C 1000PF K		C298			CK73GB1H102K	CHIP C 1000PF K	
C212			CC73GCH1H151J	CHIP C 150PF J		C301		*	C92-0899-05	ELECTRO 330UF 25WV	
C213			CK73GB1H103K	CHIP C 0.010UF K		C302,303			CK73GB1H102K	CHIP C 1000PF K	
C214			CC73GCH1H100D	CHIP C 10PF D		C304			CK73GB1H471K	CHIP C 470PF K	
C215,216			CK73GB1H103K	CHIP C 0.010UF K		C305			CK73GB1H103K	CHIP C 0.010UF K	
C218,219			CC73GCH1H101J	CHIP C 100PF J		C306			CC73GCH1H330J	CHIP C 33PF J	
C220			CK73GB1H103K	CHIP C 0.010UF K		C307			C93-0561-05	CHIP C 12PF J	
C221-224			CC73GCH1H271J	CHIP C 270PF J		C310			CK73FB1E104K	CHIP C 0.10UF K	
C225			CK73GB1H102K	CHIP C 1000PF K		C311		*	CE32BD1E470M	CHIP EL 47UF 25WV	
C228		*	C90-4136-05	ELECTRO 100UF 20WV		C312			C93-0567-05	CHIP C 39PF J	
C232			CS77AA1C2R2M	CHIP TNTL 2.2UF 16WV		C313			CK73GB1H102K	CHIP C 1000PF K	
C233			CC73GCH1H180J	CHIP C 18PF J		C315			C93-0566-05	CHIP C 33PF J	
C235			CC73GCH1H270J	CHIP C 27PF J		C316			C93-0561-05	CHIP C 12PF J	
C236		*	C92-0868-05	CHIP TNTL 1UF 16WV		C317		*	C92-0899-05	ELECTRO 330UF 25WV	
C237-239			CK73GB1H102K	CHIP C 1000PF K		C319-322			CK73GB1H471K	CHIP C 470PF K	
C240			CS77AA1A100M	CHIP TNTL 10UF 10WV		C324-328			CK73GB1H102K	CHIP C 1000PF K	
C241			CK73GB1H102K	CHIP C 1000PF K		C329			CK73GB1H103K	CHIP C 0.010UF K	
C242			CC73GCH1H100D	CHIP C 10PF D		C330,331			CK73GB1H102K	CHIP C 1000PF K	
C243			CK73GB1H102K	CHIP C 1000PF K		C332,333			CK73FB1E104K	CHIP C 0.10UF K	
C244			CS77AA1A100M	CHIP TNTL 10UF 10WV		C334			CS77CA1ER47M	CHIP TNTL 0.47UF 25WV	
C245			CK73GB1H103K	CHIP C 0.010UF K		C335			CK73GB1H102K	CHIP C 1000PF K	
C246			CC73GCH1H271J	CHIP C 270PF J		C336-338			C93-0550-05	CHIP C 1.0PF C	
C247			CS77CA1C010M	CHIP TNTL 1.0UF 16WV		C339			CK73GB1H102K	CHIP C 1000PF K	
C248			CK73GB1H102K	CHIP C 1000PF K		C340			CK73FB1E104K	CHIP C 0.10UF K	
C249			CC73GCH1H330J	CHIP C 33PF J		C341			CK73GB1H102K	CHIP C 1000PF K	
C250			CK73GB1H103K	CHIP C 0.010UF K		C348,349			CK73GB1H102K	CHIP C 1000PF K	

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PARTS LIST

TX UNIT (X56-3102-70) : E

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C353			C93-0603-05	CHIP C 1000PF K		L203			L41-1595-33	SMALL FIXED INDUCTOR(1.5UH)	
C354			CK73GB1H102K	CHIP C 1000PF K		L204			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C410			C93-0552-05	CHIP C 2.0PF C		L205,206			L41-4785-33	SMALL FIXED INDUCTOR(0.47UH)	
C411			C93-0554-05	CHIP C 4.0PF C		L207			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)	
C412			C93-0556-05	CHIP C 6.0PF D		L208			L92-0179-05	CHIP FERRITE	
C413			C93-0553-05	CHIP C 3.0PF C		L209,210			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C414			C93-0561-05	CHIP C 12PF J		L240,241			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C420			C92-0873-05	ELECTRO 47UF 16WV		L242,243			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C425		*	C90-4136-05	ELECTRO 100UF 20WV		L244			L40-6875-92	SMALL FIXED INDUCTOR(68NH)	
C430			CS77AA1A2R2M	CHIP TNL 2.2UF 10WV		L246			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C431,432		*	C92-0899-05	ELECTRO 330UF 25WV		L247			L41-1015-33	SMALL FIXED INDUCTOR(100UH)	
C501,502			CK73GB1H471K	CHIP C 470PF K		L248			L41-4785-33	SMALL FIXED INDUCTOR(0.47UH)	
C504			CK73GB1H471K	CHIP C 470PF K		L301-303			L34-4520-05	AIR-CORE COIL	
C505			CK73GB1C104K	CHIP C 0.10UF K		L304			L79-0558-05	FILTER	
C506			CK73GB1H471K	CHIP C 470PF K		L305			L34-4523-05	AIR-CORE COIL	
C507			CC73GCH1H221J	CHIP C 220PF J		L306-308			L92-0179-05	CHIP FERRITE	
C508			CK73GB1H471K	CHIP C 470PF K		L501,502			L40-1075-92	SMALL FIXED INDUCTOR(10NH)	
C510			CK73GB1C104K	CHIP C 0.10UF K		L503			L41-1005-33	SMALL FIXED INDUCTOR(10UH)	
C511,512			CK73GB1H471K	CHIP C 470PF K		X101		*	L77-1735-25	TCXO(20MHZ)	
C529			CK73GB1H471K	CHIP C 470PF K		X201			L77-1748-05	CRYSTAL RESONATOR	
C533			CK73GB1H471K	CHIP C 470PF K		XF210,211			L71-0529-05	MCF(20MHZ)	
C584			CK73GB1H471K	CHIP C 470PF K		R1 ,2			RK73GB2A221J	CHIP R 220 J 1/10W	
C586,587			CK73GB1H471K	CHIP C 470PF K		R3 ,4			RK73GB2A473J	CHIP R 47K J 1/10W	
C588			CK73GB1C104K	CHIP C 0.10UF K		R5 ,6			RK73GB2A104J	CHIP R 100K J 1/10W	
C589			CK73GB1H471K	CHIP C 470PF K		R7			RK73GB2A333J	CHIP R 33K J 1/10W	
C591,592			CK73GB1H471K	CHIP C 470PF K		R8			RK73GB2A273J	CHIP R 27K J 1/10W	
C593			CK73GB1C104K	CHIP C 0.10UF K		R9			RK73GB2A101J	CHIP R 100 J 1/10W	
C594,595			CK73GB1H103K	CHIP C 0.010UF K		R10 ,11			RK73GB2A000J	CHIP R 0.0 J 1/10W	
TC1 ,2			C05-0393-05	CERAMIC TRIMMER CAPACITOR(8PF)		R12			RK73GB2A101J	CHIP R 100 J 1/10W	
CN1			E04-0409-15	RF COAXIAL RECEPTACLE(SMB)		R13			RK73GB2A471J	CHIP R 470 J 1/10W	
CN2		*	E40-6727-05	FLAT CABLE CONNECTOR		R14			RK73GB2A103J	CHIP R 10K J 1/10W	
CN3		*	E40-6724-05	FLAT CABLE CONNECTOR		R15			RK73GB2A471J	CHIP R 470 J 1/10W	
CN101,102			E04-0409-15	RF COAXIAL RECEPTACLE(SMB)		R16			RK73GB2A103J	CHIP R 10K J 1/10W	
CN103,104			E41-2735-05	PIN ASSY		R17			RK73GB2A473J	CHIP R 47K J 1/10W	
CN301			E04-0408-15	RF COAXIAL RECEPTACLE(SMB)		R18			RK73GB2A103J	CHIP R 10K J 1/10W	
CN302		*	E40-6727-05	FLAT CABLE CONNECTOR		R19			RK73GB2A470J	CHIP R 47 J 1/10W	
CN304,305			E41-2735-05	PIN ASSY		R20			RK73GB2A103J	CHIP R 10K J 1/10W	
CN306,307			E23-0902-05	TERMINAL		R21			RK73GB2A471J	CHIP R 470 J 1/10W	
CN308			E04-0408-15	RF COAXIAL RECEPTACLE(SMB)		R22			RK73GB2A103J	CHIP R 10K J 1/10W	
CN502		*	E41-2714-05	PIN ASSY		R23			RK73GB2A183J	CHIP R 18K J 1/10W	
J402			J13-0071-05	FUSE HOLDER		R24			RK73GB2A101J	CHIP R 100 J 1/10W	
CF1		*	L72-1029-05	CERAMIC FILTER		R25			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L1 ,2			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R26			RK73GB2A220J	CHIP R 22 J 1/10W	
L4			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R27			RK73GB2A101J	CHIP R 100 J 1/10W	
L5			L34-4601-05	AIR-CORE COIL		R28			RK73GB2A103J	CHIP R 10K J 1/10W	
L6			L34-4600-05	AIR-CORE COIL		R29			RK73GB2A183J	CHIP R 18K J 1/10W	
L7			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R30			RK73GB2A103J	CHIP R 10K J 1/10W	
L11			L40-1085-92	SMALL FIXED INDUCTOR(100NH)		R31			RK73GB2A101J	CHIP R 100 J 1/10W	
L13			L40-1075-92	SMALL FIXED INDUCTOR(10NH)		R32			RK73GB2A221J	CHIP R 220 J 1/10W	
L14			L40-4775-92	SMALL FIXED INDUCTOR(47NH)		R33			RK73GB2A103J	CHIP R 10K J 1/10W	
L15			L41-1085-43	SMALL FIXED INDUCTOR(100NH)		R34			RK73GB2A222J	CHIP R 2.2K J 1/10W	
L101			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)		R35			RK73GB2A182J	CHIP R 1.8K J 1/10W	
L102			L41-2285-33	SMALL FIXED INDUCTOR(0.22UH)		R36			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L103-105			L41-1015-33	SMALL FIXED INDUCTOR(100UH)		R37			RK73GB2A153J	CHIP R 15K J 1/10W	
L106			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)		R38			RK73GB2A183J	CHIP R 18K J 1/10W	
L201			L41-4785-33	SMALL FIXED INDUCTOR(0.47UH)		R39			RK73GB2A331J	CHIP R 330 J 1/10W	
L202			L92-0179-05	CHIP FERRITE		R40			RK73GB2A101J	CHIP R 100 J 1/10W	
						R41			RK73GB2A152J	CHIP R 1.5K J 1/10W	

PARTS LIST

TX UNIT (X56-3102-70) : E

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R42			RK73GB2A470J	CHIP R 47 J 1/10W		R141			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R43			RK73GB2A102J	CHIP R 1.0K J 1/10W		R142			RK73GB2A104J	CHIP R 100K J 1/10W	
R44			RK73GB2A393J	CHIP R 39K J 1/10W		R143			RK73GB2A473J	CHIP R 47K J 1/10W	
						R144			RK73GB2A334J	CHIP R 330K J 1/10W	
R45			RK73GB2A000J	CHIP R 0.0 J 1/10W							
R46			RK73PB2H100J	CHIP R 10 J 1/2W		R145,146			RK73GB2A101J	CHIP R 100 J 1/10W	
R47			RK73GB2A000J	CHIP R 0.0 J 1/10W		R147			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R48			RK73GB2A103J	CHIP R 10K J 1/10W		R149			RK73GB2A103J	CHIP R 10K J 1/10W	
R49			RK73GB2A123J	CHIP R 12K J 1/10W		R150			RK73GB2A472J	CHIP R 4.7K J 1/10W	
						R151			RK73GB2A682J	CHIP R 6.8K J 1/10W	
R50			RK73GB2A471J	CHIP R 470 J 1/10W							
R51 ,52			RK73GB2A331J	CHIP R 330 J 1/10W		R180,181			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R54			RK73GB2A000J	CHIP R 0.0 J 1/10W		R182			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R55 ,56			RK73GB2A102J	CHIP R 1.0K J 1/10W		R183			RK73GB2A473J	CHIP R 47K J 1/10W	
R57			RK73GB2A471J	CHIP R 470 J 1/10W		R184			RK73GB2A153J	CHIP R 15K J 1/10W	
						R185			RK73GB2A101J	CHIP R 100 J 1/10W	
R61			RK73GB2A471J	CHIP R 470 J 1/10W							
R62			RK73GB2A104J	CHIP R 100K J 1/10W		R186			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R63			RK73GB2A101J	CHIP R 100 J 1/10W		R190-192			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R64			RK73GB2A471J	CHIP R 470 J 1/10W		R202			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R65			RK73GB2A474J	CHIP R 470K J 1/10W		R203,204			RK73GB2A273J	CHIP R 27K J 1/10W	
						R205			RK73GB2A473J	CHIP R 47K J 1/10W	
R67			RK73GB2A124J	CHIP R 120K J 1/10W							
R68			RK73GB2A224J	CHIP R 220K J 1/10W		R206			RK73GB2A474J	CHIP R 470K J 1/10W	
R69 ,70			RK73GB2A563J	CHIP R 56K J 1/10W		R208			RK73GB2A104J	CHIP R 100K J 1/10W	
R71			RK73GB2A474J	CHIP R 470K J 1/10W		R209			RK73GB2A103J	CHIP R 10K J 1/10W	
R72			RK73GB2A101J	CHIP R 100 J 1/10W		R210			RK73GB2A000J	CHIP R 0.0 J 1/10W	
						R211			RK73GB2A474J	CHIP R 470K J 1/10W	
R73			RK73GB2A104J	CHIP R 100K J 1/10W							
R74			RK73GB2A221J	CHIP R 220 J 1/10W		R212			RK73GB2A471J	CHIP R 470 J 1/10W	
R77			RK73GB2A471J	CHIP R 470 J 1/10W		R213			RK73GB2A101J	CHIP R 100 J 1/10W	
R78 ,79			RK73GB2A331J	CHIP R 330 J 1/10W		R214			RK73GB2A821J	CHIP R 820 J 1/10W	
R85 -87			RK73GB2A101J	CHIP R 100 J 1/10W		R215			RK73GB2A124J	CHIP R 120K J 1/10W	
						R216			RK73GB2A104J	CHIP R 100K J 1/10W	
R88			RK73GB2A183J	CHIP R 18K J 1/10W							
R89			RK73GB2A222J	CHIP R 2.2K J 1/10W		R217,218			RK73GB2A471J	CHIP R 470 J 1/10W	
R100			RK73GB2A103J	CHIP R 10K J 1/10W		R219			RK73GB2A103J	CHIP R 10K J 1/10W	
R101			RK73GB2A105J	CHIP R 1.0M J 1/10W		R220			RK73GB2A473J	CHIP R 47K J 1/10W	
R102			RK73GB2A473J	CHIP R 47K J 1/10W		R221			RK73GB2A560J	CHIP R 56 J 1/10W	
						R222			RK73GB2A103J	CHIP R 10K J 1/10W	
R105			RK73GB2A331J	CHIP R 330 J 1/10W							
R106			RK73GB2A101J	CHIP R 100 J 1/10W		R223			RK73GB2A153J	CHIP R 15K J 1/10W	
R107			RK73GB2A471J	CHIP R 470 J 1/10W		R224			RK73GB2A223J	CHIP R 22K J 1/10W	
R108			RK73GB2A183J	CHIP R 18K J 1/10W		R225			RK73GB2A103J	CHIP R 10K J 1/10W	
R109			RK73FB2B000J	CHIP R 0.0 J 1/8W		R226			RK73GB2A124J	CHIP R 120K J 1/10W	
						R227			RK73GB2A473J	CHIP R 47K J 1/10W	
R112			RK73GB2A183J	CHIP R 18K J 1/10W							
R113			RK73GB2A121J	CHIP R 120 J 1/10W		R228			RK73GB2A104J	CHIP R 100K J 1/10W	
R114			RK73GB2A000J	CHIP R 0.0 J 1/10W		R240			RK73GB2A101J	CHIP R 100 J 1/10W	
R115			RK73GB2A101J	CHIP R 100 J 1/10W		R241,242			RK73GB2A473J	CHIP R 47K J 1/10W	
R117			RK73GB2A101J	CHIP R 100 J 1/10W		R243			RK73GB2A103J	CHIP R 10K J 1/10W	
						R244			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R118,119			RK73GB2A103J	CHIP R 10K J 1/10W							
R120			RK73GB2A102J	CHIP R 1.0K J 1/10W		R245			RK73GB2A101J	CHIP R 100 J 1/10W	
R121			RK73GB2A000J	CHIP R 0.0 J 1/10W		R247			RK73GB2A101J	CHIP R 100 J 1/10W	
R122			RK73GB2A101J	CHIP R 100 J 1/10W		R249			RK73GB2A473J	CHIP R 47K J 1/10W	
R123			RK73GB2A103J	CHIP R 10K J 1/10W		R250			RK73GB2A221J	CHIP R 220 J 1/10W	
						R251,252			RK73GB2A101J	CHIP R 100 J 1/10W	
R124			RK73GB2A000J	CHIP R 0.0 J 1/10W							
R129			RK73GB2A102J	CHIP R 1.0K J 1/10W		R253			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R130			RK73GB2A331J	CHIP R 330 J 1/10W		R254			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R131			RK73GB2A102J	CHIP R 1.0K J 1/10W		R257,258		*	RK73PB2H151J	CHIP R 150 J 1/2W	
R132			RK73GB2A124J	CHIP R 120K J 1/10W		R259			RK73PB2H390J	CHIP R 39 J 1/2W	
						R260			RK73GB2A183J	CHIP R 18K J 1/10W	
R133			RK73GB2A104J	CHIP R 100K J 1/10W							
R134			RK73GB2A102J	CHIP R 1.0K J 1/10W		R262			RK73GB2A101J	CHIP R 100 J 1/10W	
R137			RK73GB2A103J	CHIP R 10K J 1/10W		R263			RK73GB2A473J	CHIP R 47K J 1/10W	
R138			RK73GB2A123J	CHIP R 12K J 1/10W		R264-266			RK73GB2A273J	CHIP R 27K J 1/10W	
R139			RK73GB2A103J	CHIP R 10K J 1/10W		R267			RK73GB2A103J	CHIP R 10K J 1/10W	
						R268			RK73GB2A153J	CHIP R 15K J 1/10W	
R140			RK73GB2A393J	CHIP R 39K J 1/10W							

PARTS LIST

TX UNIT (X56-3102-70) : E

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R269			RK73GB2A102J	CHIP R 1.0K J 1/10W		D204			1SS355	DIODE	
R270,271			RK73PB2H220J	CHIP R 22 J 1/2W		D205			HSM88AS-E	DIODE	
R272			RK73GB2A103J	CHIP R 10K J 1/10W		D206			MINISMDCO7502F	VARISTOR	
R273			RK73GB2A473J	CHIP R 47K J 1/10W		D303			ERZV14D220	SURGE ABSORBER	
R274			RK73GB2A101J	CHIP R 100 J 1/10W							
R275			RK73GB2A560J	CHIP R 56 J 1/10W		D304			1SS355	DIODE	
R300			RK73GB2A182J	CHIP R 1.8K J 1/10W		D305			DSM3MA1-RPB	DIODE	
R301			RK73GB2A393J	CHIP R 39K J 1/10W		D306			HSM88AS-E	DIODE	
R303			RK73FB2B182J	CHIP R 1.8K J 1/8W		D308			HSM88AS-E	DIODE	
R304			RK73FB2B120J	CHIP R 12 J 1/8W		D310			MINISMDCO7502F	VARISTOR	
R305			RK73FB2B182J	CHIP R 1.8K J 1/8W		D318			1SS355	DIODE	
R306			RK73GB2A103J	CHIP R 10K J 1/10W		D320			02DZ5.6F-X,Y	ZENER DIODE	
R308			RK73GB2A102J	CHIP R 1.0K J 1/10W		D500			MINISMD190F	VARISTOR	
R310			RK73PB2H220J	CHIP R 22 J 1/2W		D503			1SS355	DIODE	
R311			RK73GB2A473J	CHIP R 47K J 1/10W		IC1			TA7808SQ	BI-POLAR IC	
R312			RK73PB2H220J	CHIP R 22 J 1/2W		IC2			NJM78L08UA-ZB	BI-POLAR IC	
R313			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC3			M62364FP-F	MOS-IC	
R314			RK73GB2A104J	CHIP R 100K J 1/10W		IC4			BU4094BCFV	MOS-IC	
R315			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC100			TA75S01F-F	MOS-IC	
R316			RK73GB2A473J	CHIP R 47K J 1/10W		IC102			TA75S01F-F	MOS-IC	
R317			RK73GB2A393J	CHIP R 39K J 1/10W		IC103			NJM78L05UA-ZB	BI-POLAR IC	
R319,320			RK73GB2A124J	CHIP R 120K J 1/10W		IC105			NJM4558E-ZB	ANALOGUE IC	
R321,322			RK73GB2A103J	CHIP R 10K J 1/10W		IC106			AT24C08A10SU18	ROM IC	
R323			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC107			NJM4558E-ZB	ANALOGUE IC	
R324			RK73GB2A152J	CHIP R 1.5K J 1/10W		IC108			NJM78L08UA-ZB	BI-POLAR IC	
R325			RK73GB2A562J	CHIP R 5.6K J 1/10W		IC109			NJM2904E-ZB	ANALOGUE IC	
R326			RK73GB2A103J	CHIP R 10K J 1/10W		IC110			NJM78L05UA-ZB	BI-POLAR IC	
R327			RK73FB2B681J	CHIP R 680 J 1/8W		IC200			TC4S81F-F	MOS-IC	
R328			RK73FB2B271J	CHIP R 270 J 1/8W		IC202			AD9835BRUZ	MOS-IC	
R329			RK73GB2A103J	CHIP R 10K J 1/10W		IC203			NJM2904E-ZB	ANALOGUE IC	
R330			RK73GB2A123J	CHIP R 12K J 1/10W		IC204		*	NJM2903M-ZB	MOS-IC	
R338,339			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC205			NJM78L05UA-ZB	BI-POLAR IC	
R354			RK73GB2A103J	CHIP R 10K J 1/10W		IC206		*	TC74HC14AF-F	MOS-IC	
R355			RK73GB2A473J	CHIP R 47K J 1/10W		IC301			LMX2352TMX/NP	ANALOGUE IC	
R357			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC302,303		*	OP291GSZ	BI-POLAR IC	
R358			RK73FB2B182J	CHIP R 1.8K J 1/8W		IC304			LMX2352TMX/NP	ANALOGUE IC	
R359			RK73FB2B120J	CHIP R 12 J 1/8W		IC305			LMC7101BIM5	MOS-IC	
R360			RK73FB2B182J	CHIP R 1.8K J 1/8W		IC601			RA30H1317M131	MOS-IC(POWER MODULE)	
R367			RK73GB2A102J	CHIP R 1.0K J 1/10W		Q1	2		2SK508NV(K52)	FET	
R403			RK73GB2A104J	CHIP R 100K J 1/10W		Q3	4		2SC3722K(S)	TRANSISTOR	
R501-507			RK73GB2A101J	CHIP R 100 J 1/10W		Q5			2SK1824-A	FET	
R509			RK73GB2A102J	CHIP R 1.0K J 1/10W		Q6			2SC3120-F	TRANSISTOR	
R510-513			RK73GB2A000J	CHIP R 0.0 J 1/10W		Q7			2SC3722K(S)	TRANSISTOR	
R515-517			RK73GB2A000J	CHIP R 0.0 J 1/10W		Q8		*	IMH5A	TRANSISTOR	
R518			RK73GB2A101J	CHIP R 100 J 1/10W		Q9			2SC3120-F	TRANSISTOR	
R580			RK73GB2A102J	CHIP R 1.0K J 1/10W		Q11			2SB1386(R)	TRANSISTOR	
R581-585			RK73GB2A000J	CHIP R 0.0 J 1/10W		Q12			DTC114EUA	DIGITAL TRANSISTOR	
R587-589			RK73GB2A000J	CHIP R 0.0 J 1/10W		Q13			2SC3356-A	TRANSISTOR	
R590,591			RK73GB2A103J	CHIP R 10K J 1/10W		Q14		*	2SK2596-E	FET	
R592			RK73GB2A153J	CHIP R 15K J 1/10W		Q15		*	2SK302-F(Y)	FET	
R593			RK73GB2A103J	CHIP R 10K J 1/10W		Q17,18			2SK1824-A	FET	
TS301		*	S79-0470-05	THERMAL SWITCH		Q21			UMC5	TRANSISTOR	
D1 -6			1SV283F	VARIABLE CAPACITANCE DIODE		Q102			2SC4215-F(Y)	TRANSISTOR	
D7		*	1SV128-F	DIODE		Q106			2SC4215-F(Y)	TRANSISTOR	
D11,12			1SS355	DIODE		Q107			2SC3120-F	TRANSISTOR	
D101		*	1SV128-F	DIODE		Q108,109			2SC4215-F(Y)	TRANSISTOR	
D103		*	1SV128-F	DIODE		Q110			UMC5	TRANSISTOR	
D201-203			1SV283F	VARIABLE CAPACITANCE DIODE		Q112,113			2SK1824-A	FET	
						Q114			DTA114EUA	DIGITAL TRANSISTOR	
						Q115			2SC4215-F(Y)	TRANSISTOR	

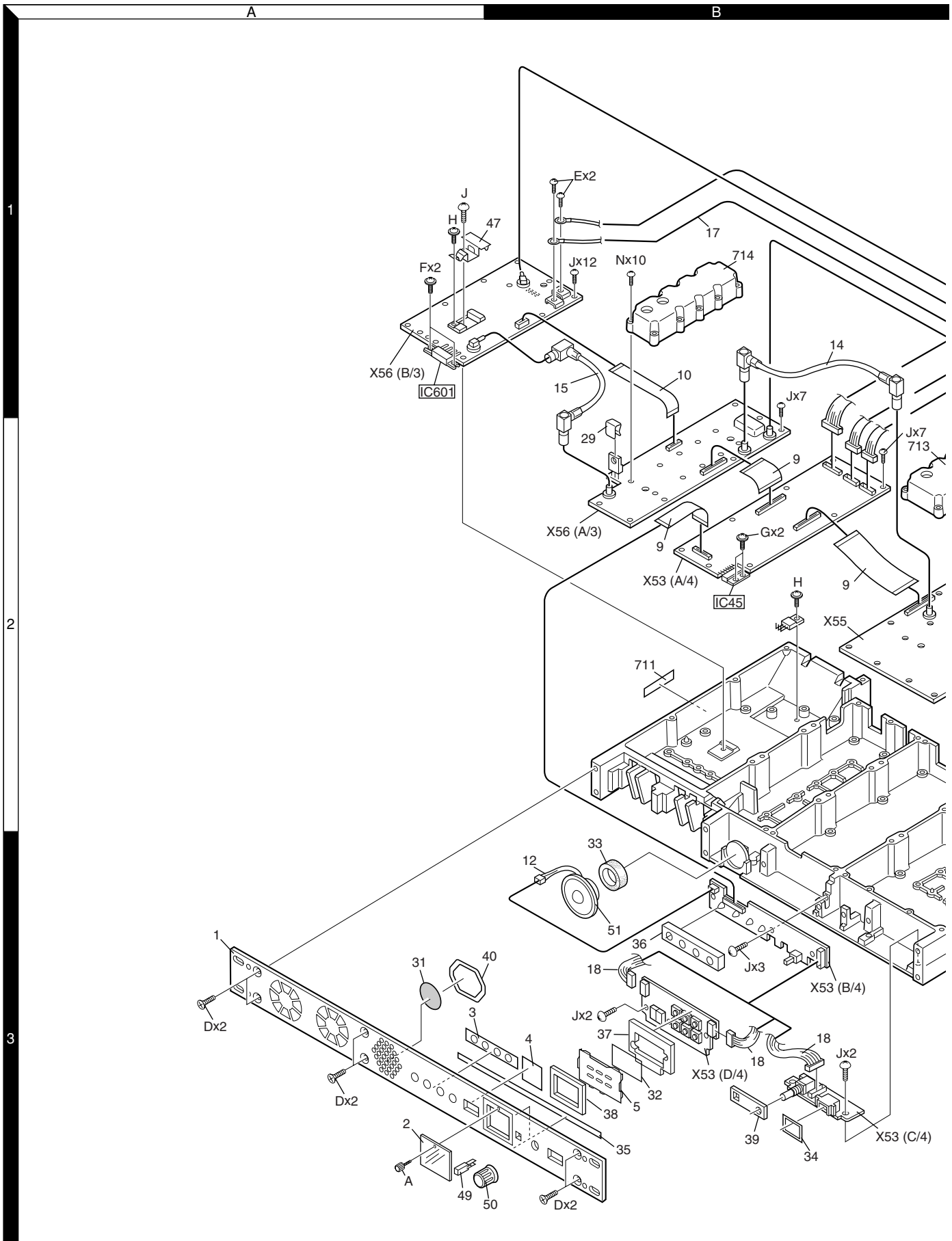
PARTS LIST

TX UNIT (X56-3102-70) : E

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
Q201,202			2SC4215-F(Y)	TRANSISTOR							
Q203			2SK1824-A	FET							
Q205			2SC4215-F(Y)	TRANSISTOR							
Q206			2SK1824-A	FET							
Q207			DTC114EUA	DIGITAL TRANSISTOR							
Q208			2SK1824-A	FET							
Q240-242			2SC4215-F(Y)	TRANSISTOR							
Q301			2SC4081(R)	TRANSISTOR							
Q302		*	IMH5A	TRANSISTOR							
Q304		*	IMH5A	TRANSISTOR							
Q308			UMC5	TRANSISTOR							
Q309			DTC114EUA	DIGITAL TRANSISTOR							
TH301		*	157-303-55006	THERMISTOR							

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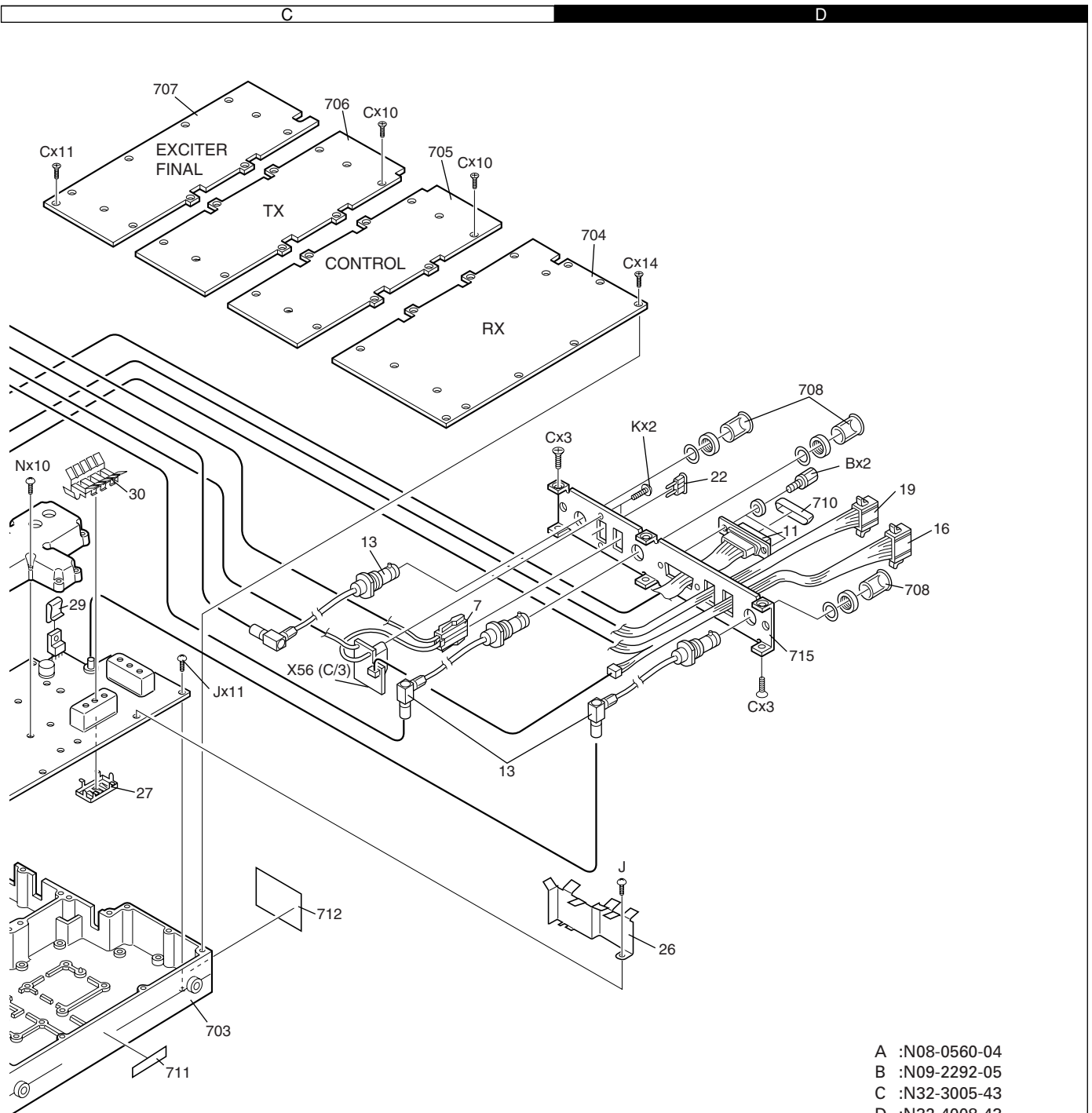
EXPLODED VIEW (K, K2, K3 TYPE)



30 Parts with the exploded numbers larger than 700 are not supplied.

If a part reference number is listed in a box on the exploded view of the PCB, that part does not come with the PCB. These parts must be ordered separately.

EXPLODED VIEW (K, K2, K3 TYPE)



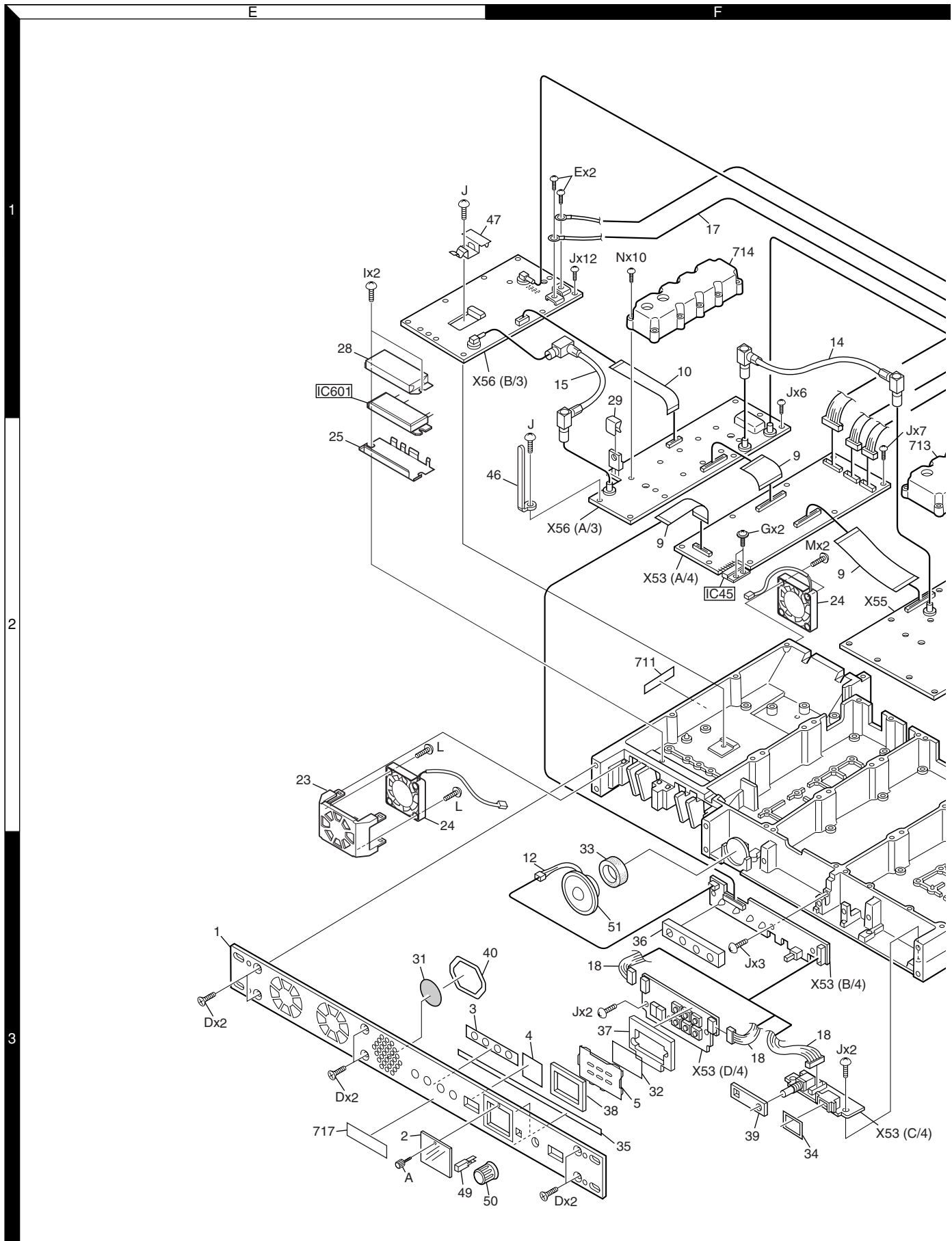
- A :N08-0560-04
- B :N09-2292-05
- C :N32-3005-43
- D :N32-4008-43
- E :N35-3006-48

- F :N67-2606-48
- G :N67-3006-48
- H :N67-3008-43
- J :N87-2606-48
- K :N87-2608-48

- N :N87-2616-48

TKR-740

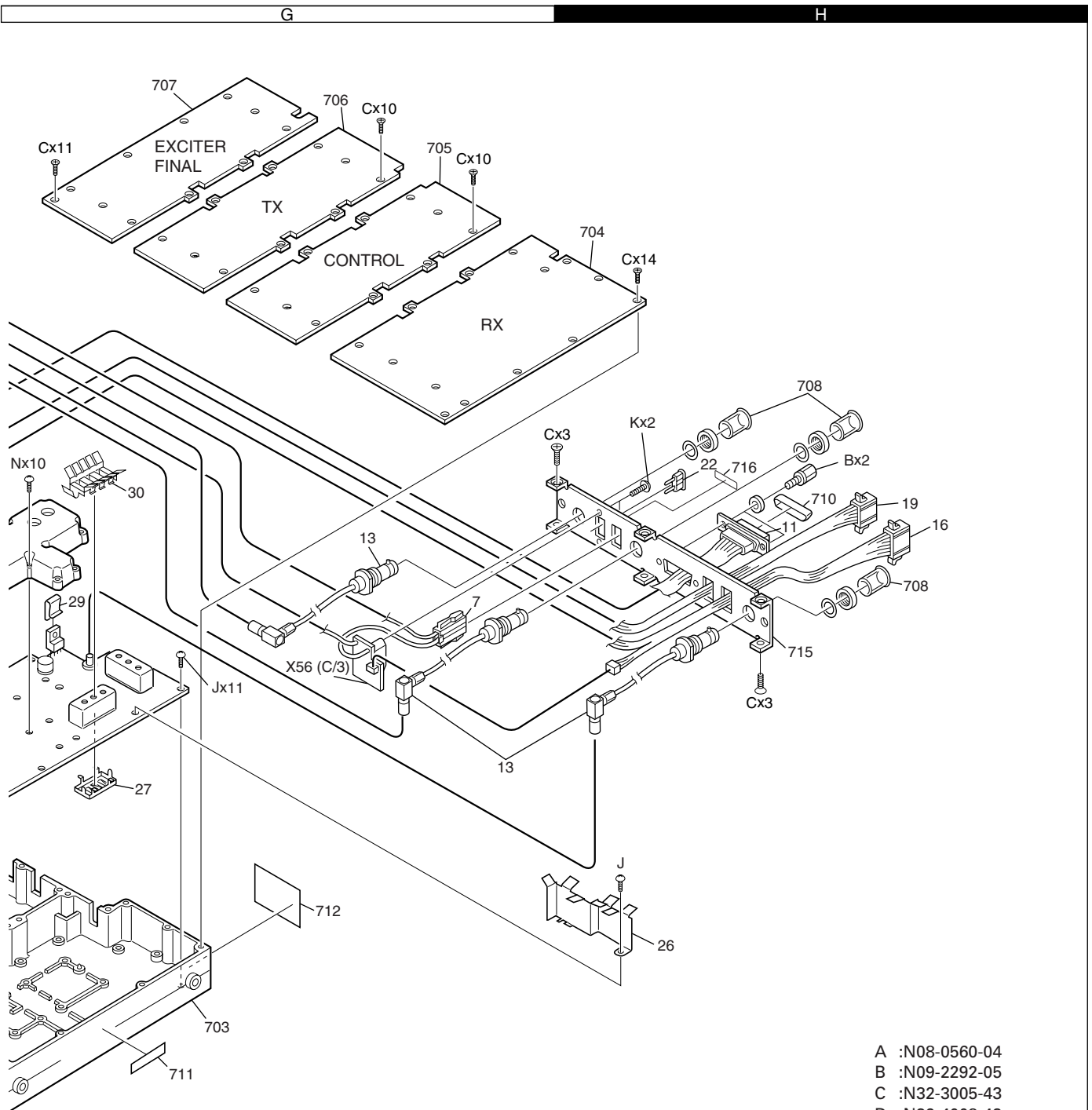
EXPLODED VIEW (E TYPE)



32 Parts with the exploded numbers larger than 700 are not supplied.

If a part reference number is listed in a box on the exploded view of the PCB, that part does not come with the PCB. These parts must be ordered separately.

EXPLODED VIEW (E TYPE)

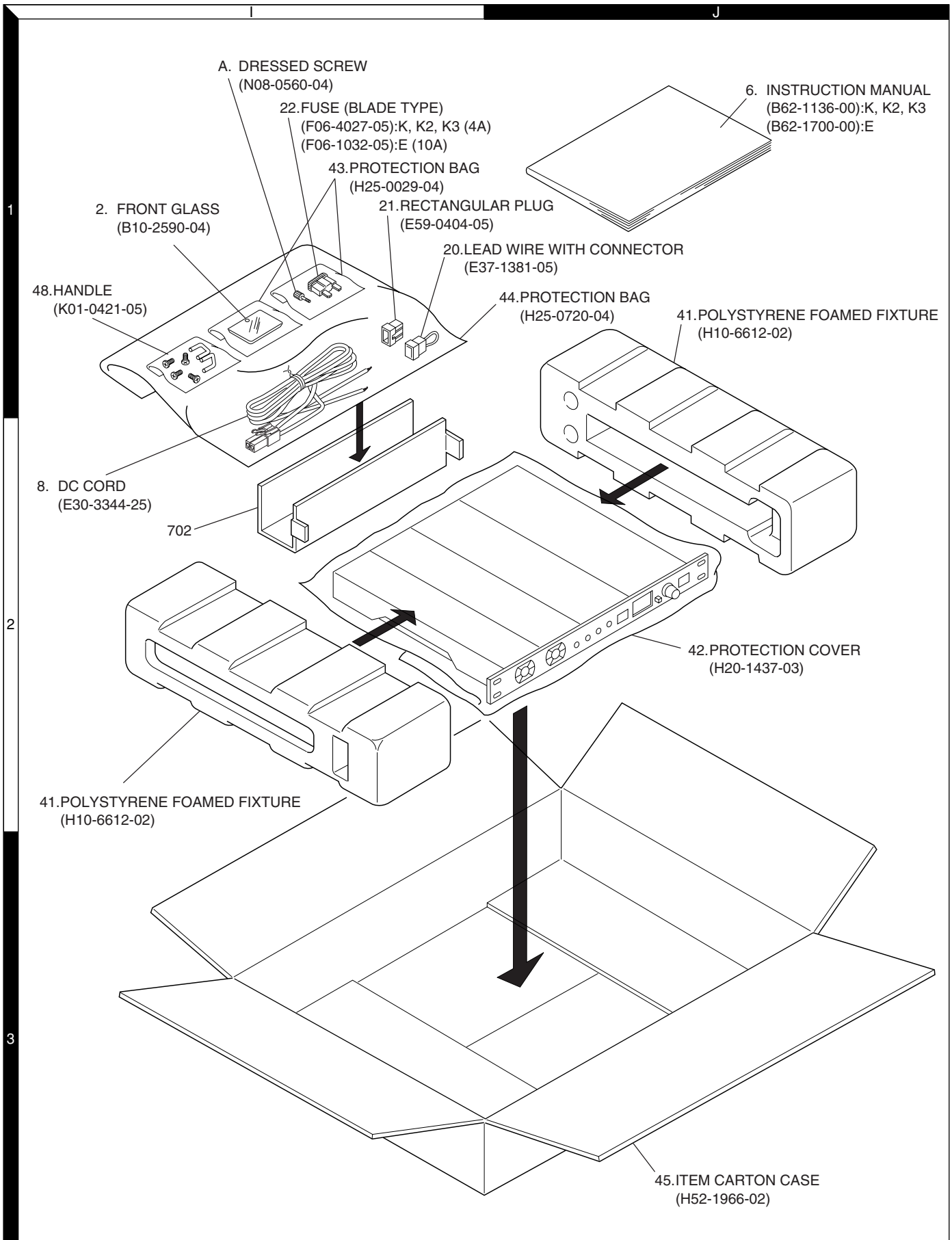


- A :N08-0560-04
- B :N09-2292-05
- C :N32-3005-43
- D :N32-4008-43
- E :N35-3006-48

- G :N67-3006-48
- I :N67-3008-48
- J :N87-2606-48
- K :N87-2608-48
- L :N87-2610-48

- M :N87-2612-48
- N :N87-2616-48

PACKING



SEMICONDUCTOR DATA

MAIN CPU : 30622M4-103GPU (CONTROL UNIT IC17)

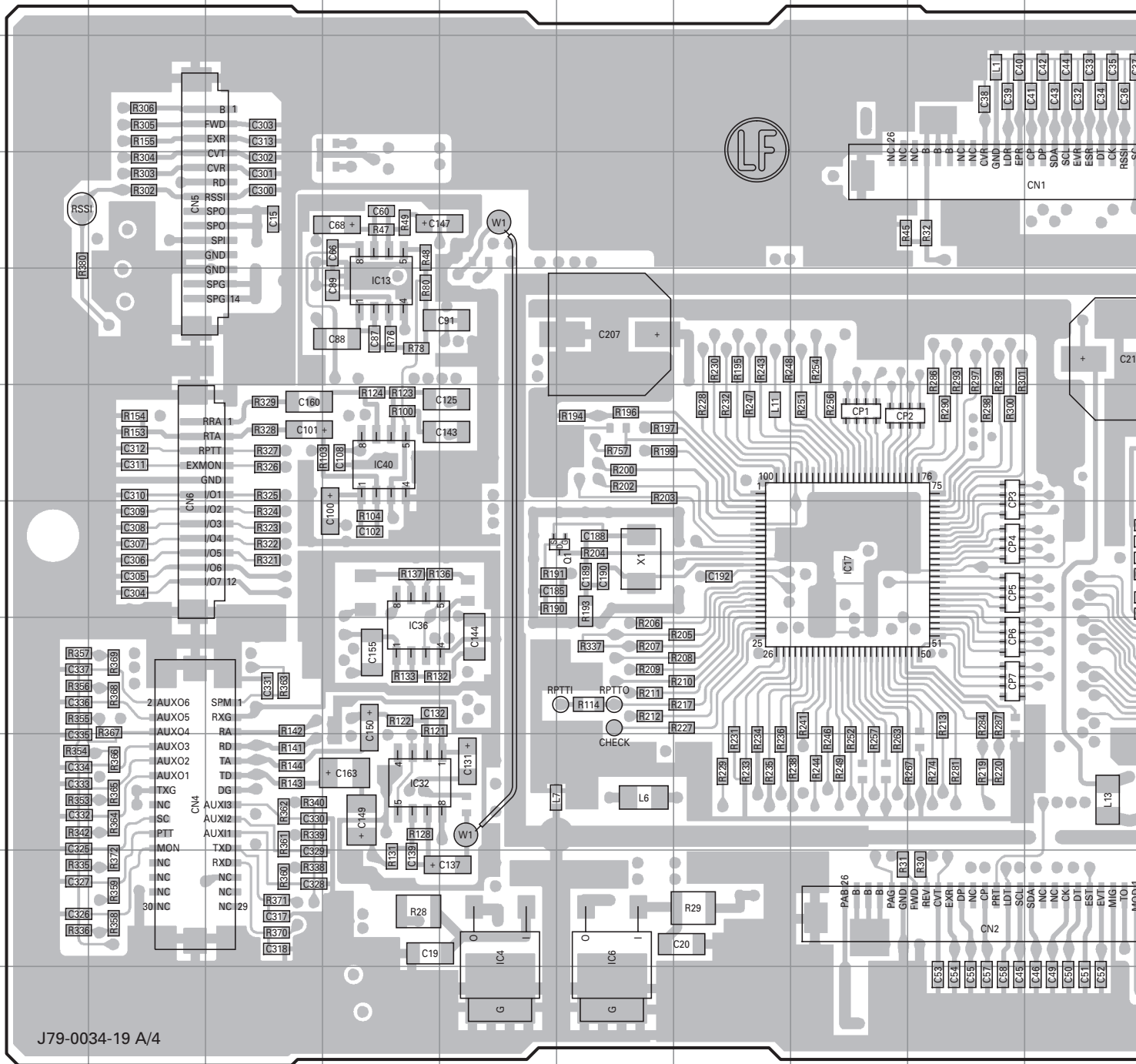
■ Pin function

Pin No.	Port name	I/O	Function
1	HSDO	O	High speed data output
2	LSDO	O	Low speed data output
3	P92	I	PLL select (H:New PLL, L:Old PLL)
4	IACK	I	DSP IDMA Acknowledge input
5	EPR	O	RX PLL data strobe output
6	BYTE	I	+5V
7	CNVss	I	GND
8	PAG	O	Digital pager signal output
9	LDR	I	RX PLL lock detect input
10	RESET	I	Microcomputer reset input
11	Xout	-	14.745MHz (system clock)
12	Vss	-	GND
13	Xin	-	14.745MHz (system clock)
14	Vcc	-	+5V
15	NMI	-	Not used
16	MDAT	I	Not used
17	TEST	I	Test switch input
18	MAIN	I	Main/Sub CPU select input (H:Sub,L:Main)
19	CK	O	Common data output
20	DT	O	Common clock output
21	MON	I	Monitor switch input
22	SC	I	Squelch control input
23	RPTT	I	Remote PTT input
24	AUXI2	I	Auxiliary input 2
25	CHECK	-	Check port
26	PTT	I	PTT switch input
27,28	PC0,1	-	Not used
29	TXD1	O	Serial interface output 1 (ex. PC)
30	RXD1	I	Serial interface input 1 (ex. PC)
31	SCL	O	Serial EEPROM clock output
32	SDA	I/O	Serial EEPROM data input/output
33	TXD	O	Serial interface output 0 (ex. PC)
34	RXD	I	Serial interface input 0 (ex. PC)
35	CP	O	PLL clock output
36	DP	O	PLL data output
37	RDY	I	CPU ready input
38	ALE	-	Not used
39	HOLD	-	Not used

Pin No.	Port name	I/O	Function
40	HLDA	-	Not used
41	BCLK	O	Sub CPU clock output
42	RD	O	Flash memory/Sub CPU RD bus
43	BHE	-	Not used
44	WR	O	Flash memory/Sub CPU WR bus
45	LDT	I	TX PLL lock detect input
46	SRST	O	Sub CPU reset output
47	CS1	O	Sub CPU chip select
48	CS0	O	Flash memory chip select
49	A19	O	Not used
50~59	A18~9	O	Flash memory address bus
60	Vcc	-	+5V
61	A8	O	Flash memory address bus
62	Vss	-	GND
63~70	A7~0	O	Flash memory/Sub CPU address bus
71	IWR	O	DSP IDMA write output
72	IRD	O	DSP IDMA read output
73	IAL	O	DSP IDMA address latch output
74	IS	O	DSP IDMA select output
75	PF3	O	DSP RX mute control output
76	PF2	-	Not used
77	PF1	O	DSP modulation control output
78	PF0	-	Not used
79~86	D7~0	I/O	Flash memory/Sub CPU data bus
87	AN7	I	Forward power voltage input
88	AN6	I	Reverse power voltage input
89	AN5	I	TX VCO voltage input
90	AN4	I	RX VCO voltage input
91	AN3	I	RSSI level input
92	AN2	I	Power supply voltage input
93	AUXI1	I	Auxiliary input 1
94	Avss	-	GND
95	AUXI3	I	Auxiliary input 3
96	Vref	I	+5V
97	Avcc	I	GND
98	IRQ2	O	DSP interrupt request output
99	PF6	O	DSP Mic mute control output
100	PF5	O	DSP TX/RX control output

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CONTROL UNIT (X53-4210-10) (A/4)
Component side view (J79-0034-19 A/4)

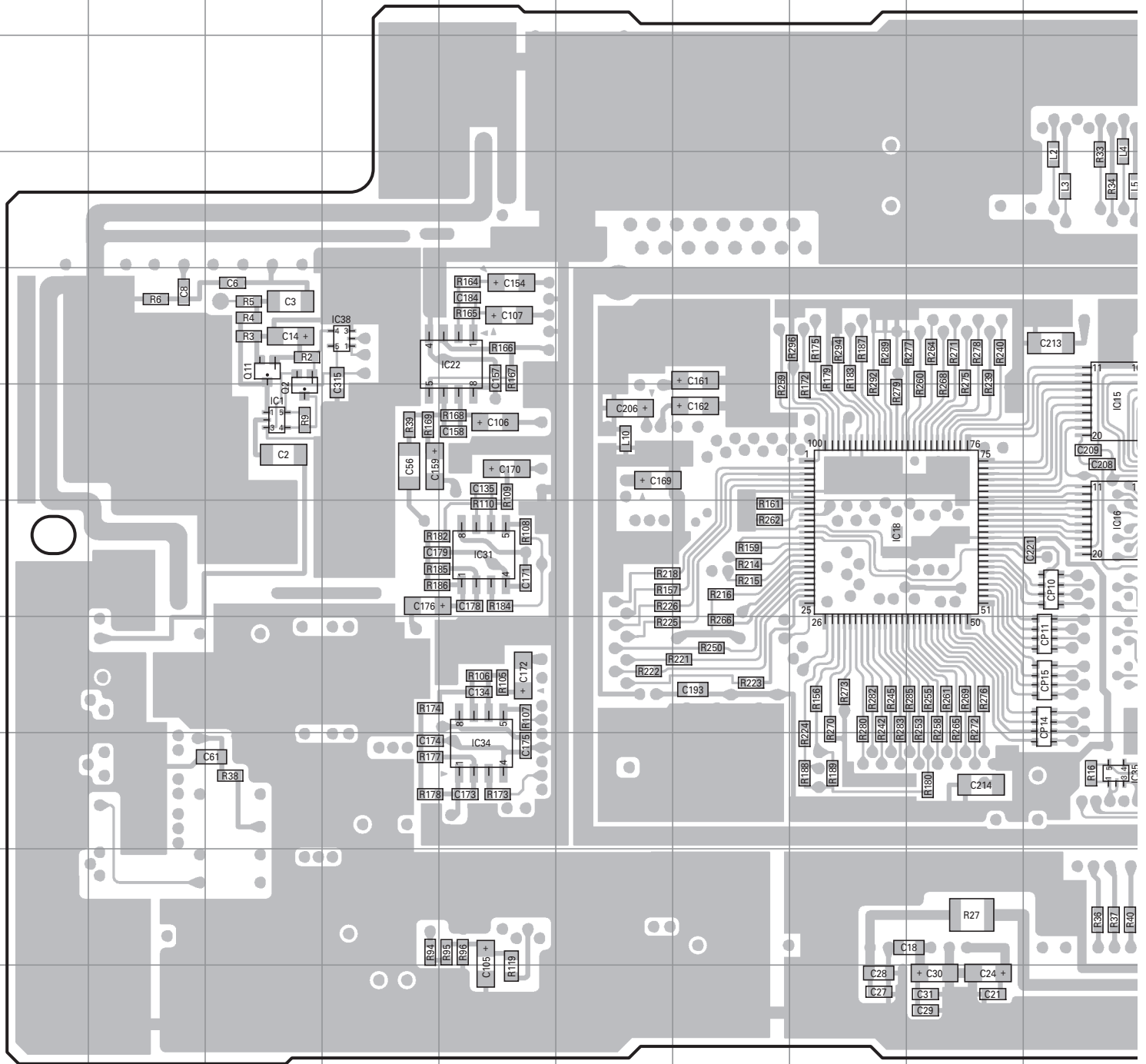


J79-0034-19 A/4

Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC3	10K	IC24	8M	IC37	8P
IC4	10E	IC25	7M	IC40	6D
IC5	10L	IC27	6M	IC45	3R
IC6	10F	IC29	10P	Q1	7F
IC12	10N	IC30	7L	Q5	9M
IC13	5D	IC32	9D		
IC17	7H	IC36	8D		

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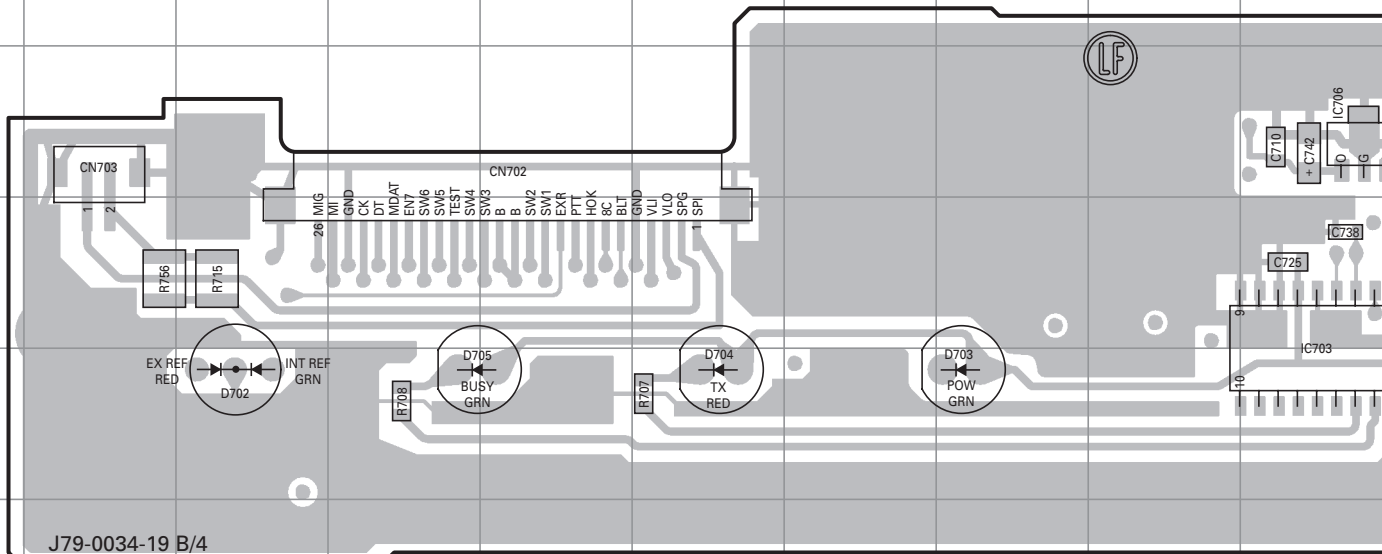
CONTROL UNIT (X53-4210-10) (A/4)
Foil side view (J79-0034-19 A/4)



Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC1	6C	IC22	5E	IC42	10P	Q9	10R	Q16	4P	D8	8S	D15	10S	D22	
IC7	7K	IC31	7E	IC46	7L	Q10	3R	D1	5M	D9	8S	D16	9S	D24	
IC10	7M	IC33	8P	IC47	7L	Q11	5C	D3	9P	D10	9S	D17	10R	D25	
IC14	5P	IC34	9E	IC48	7M	Q12	5S	D4	10P	D11	10S	D18	6Q	D26	
IC15	6J	IC35	9J	IC49	10Q	Q13	4P	D5	7P	D12	9S	D19	6Q	D27	
IC16	7J	IC38	5D	Q2	6C	Q14	3P	D6	8S	D13	7Q	D20	10S	D28	
IC18	7H	IC39	9R	Q8	10R	Q15	3P	D7	7P	D14	6Q	D21	6Q	D30	

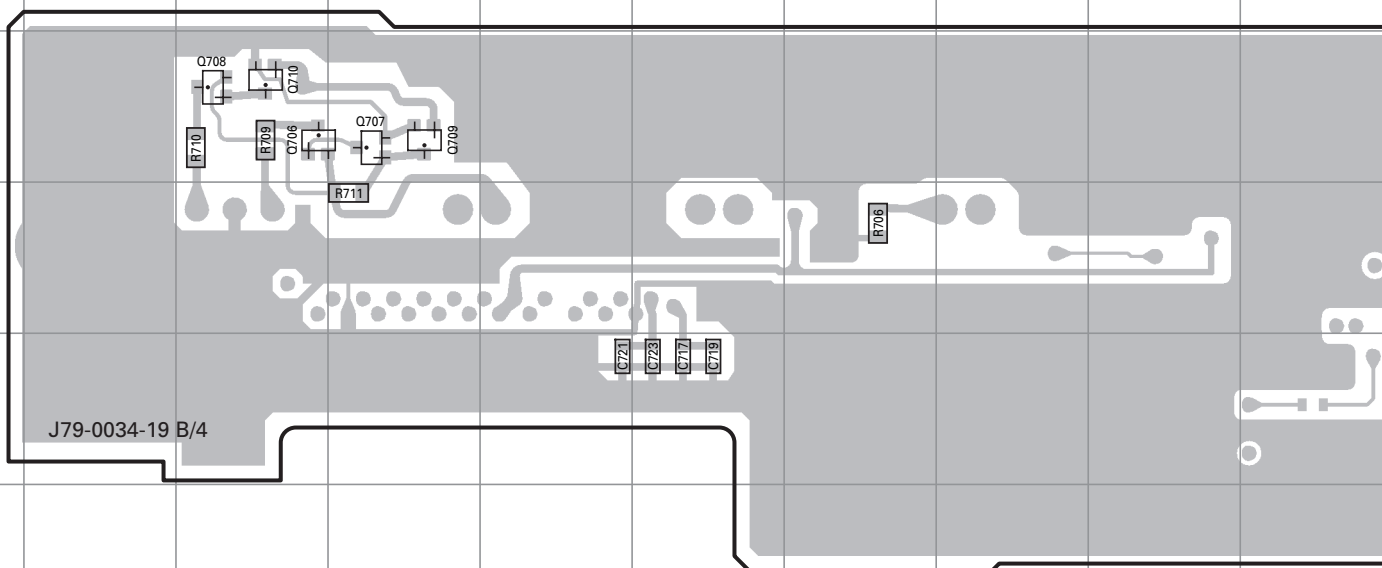
TKR-740 PC BOARD

CONTROL UNIT (X53-4210-10) (B/4) Component side view (J79-0034-19 B/4)



Ref. No.	Address	Ref. No.	Address
IC23	3O	D703	5H
IC703	4J	D704	5F
IC706	3J	D705	5D
D702	5C	D710	4M

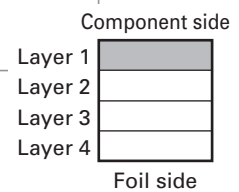
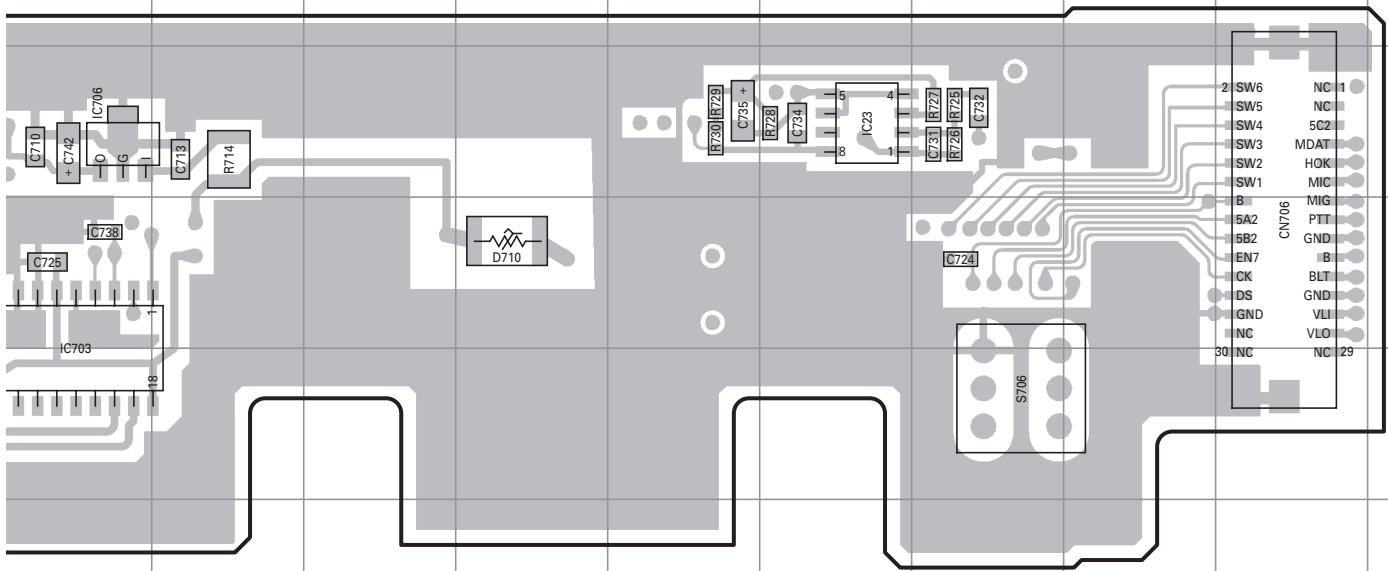
CONTROL UNIT (X53-4210-10) (B/4) Foil side view (J79-0034-19 B/4)



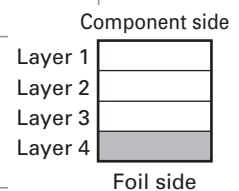
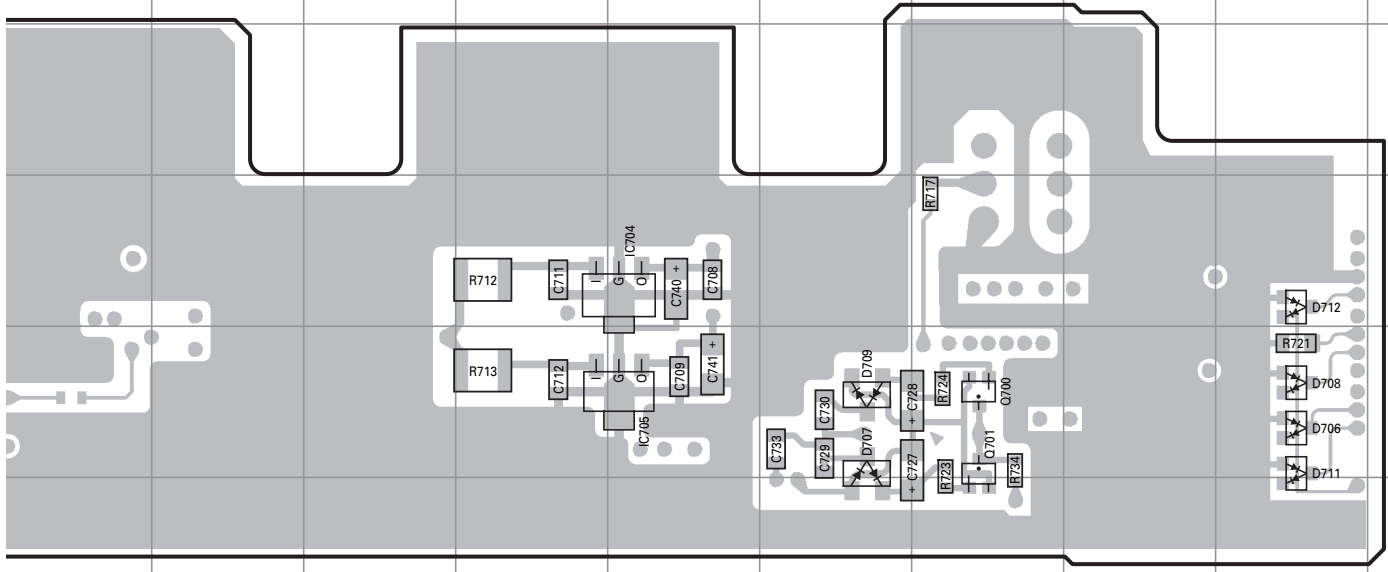
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC704	10N	Q706	9C	Q710	9C	D709	11O
IC705	11N	Q707	9D	D706	11R	D711	11R
Q700	11P	Q708	9C	D707	11O	D712	10R
Q701	11P	Q709	9D	D708	11R		

PC BOARD TKR-740

CONTROL UNIT (X53-4210-10) (B/4)
Component side view (J79-0034-19 B/4)

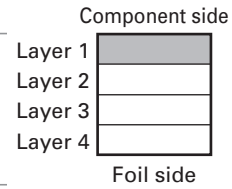
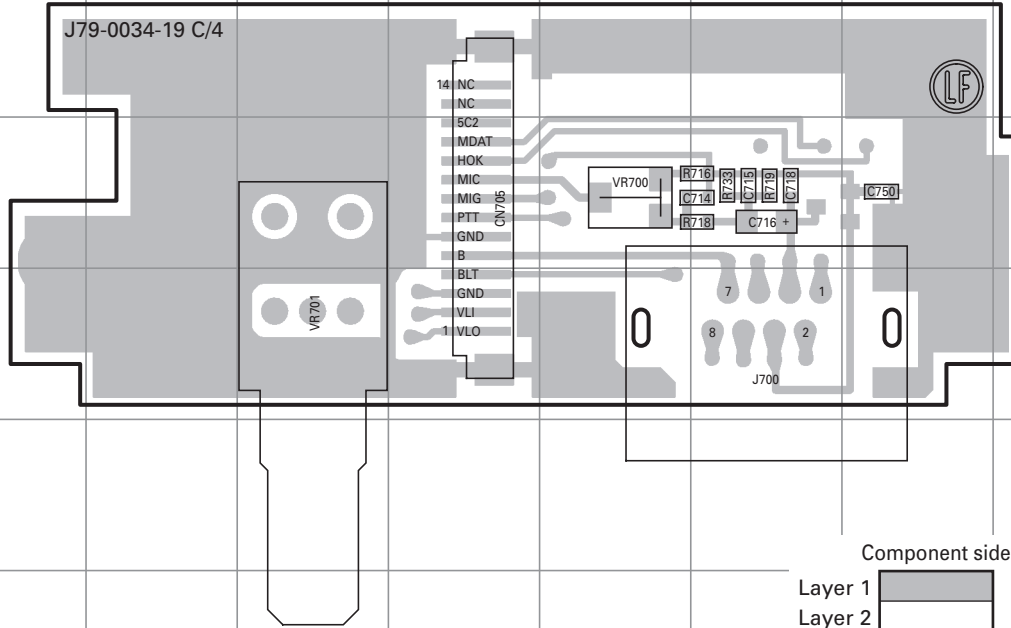


CONTROL UNIT (X53-4210-10) (B/4)
Foil side view (J79-0034-19 B/4)

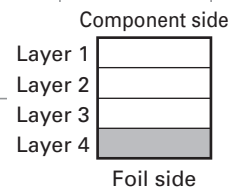
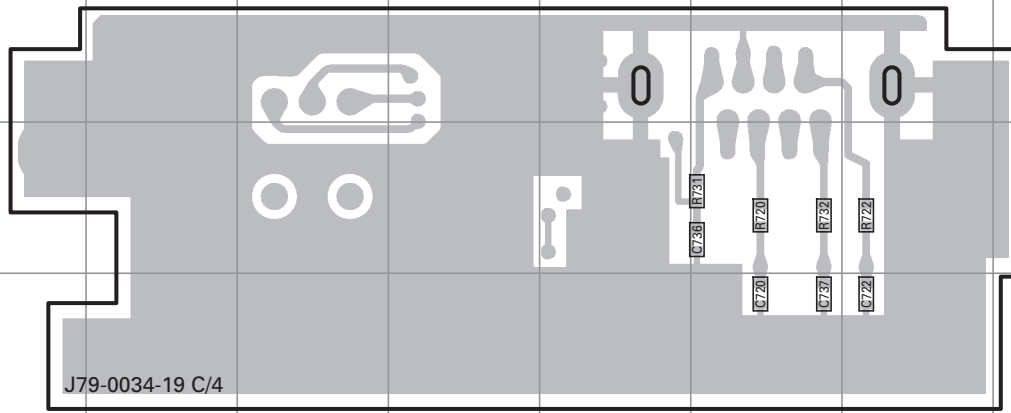


TKR-740 PC BOARD

CONTROL UNIT (X53-4210-10) (C/4)
Component side view (J79-0034-19 C/4)

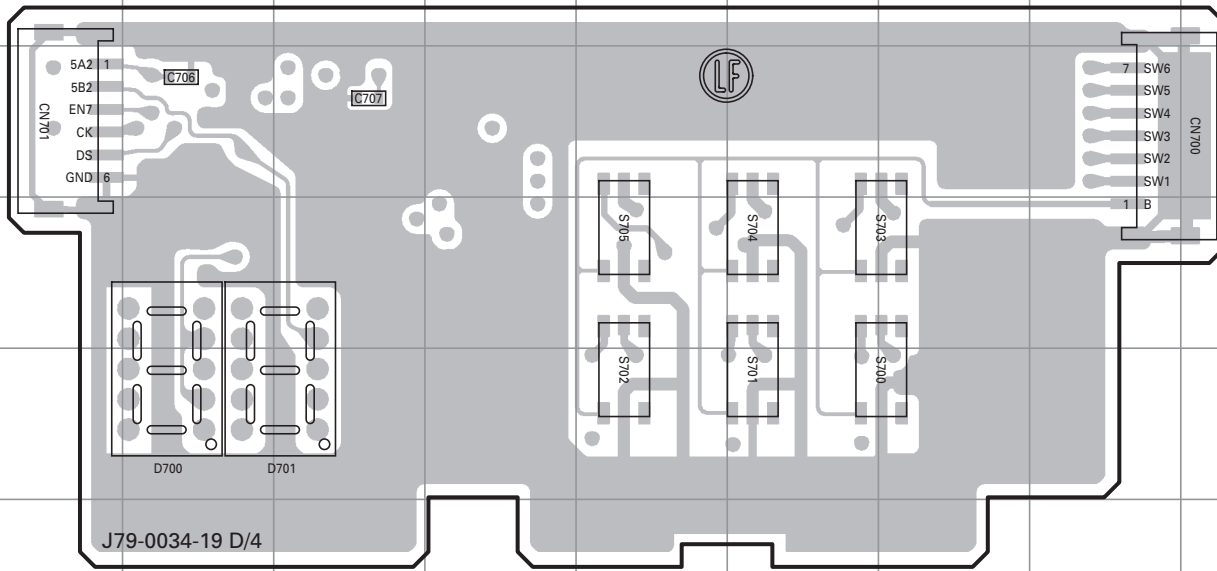


CONTROL UNIT (X53-4210-10) (C/4)
Foil side view (J79-0034-19 C/4)

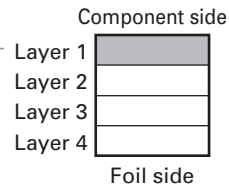


PC BOARD TKR-740

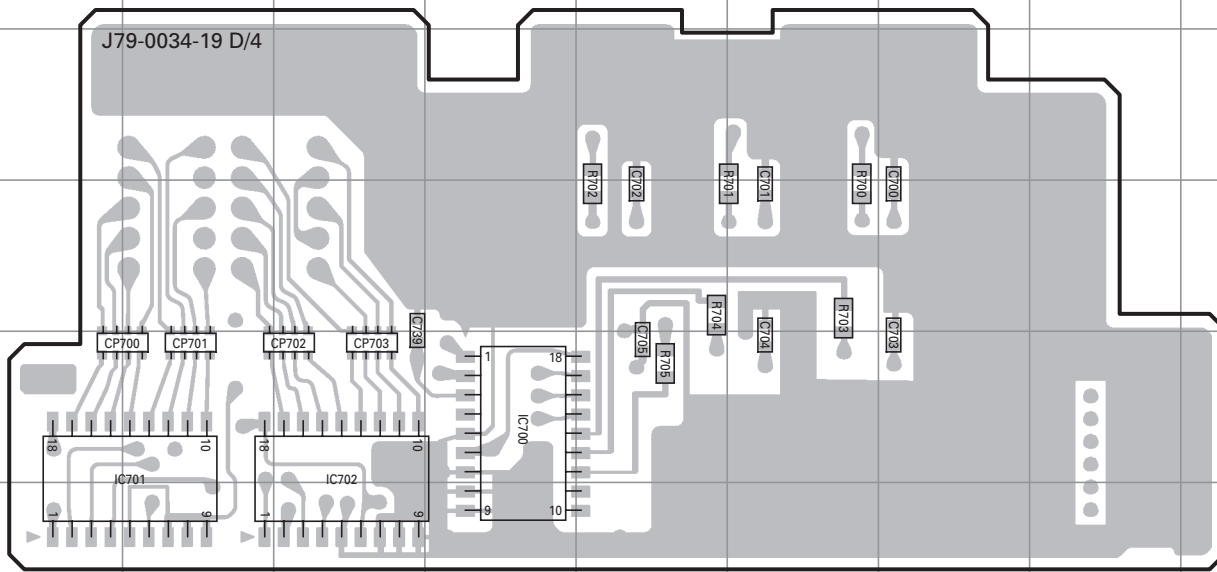
CONTROL UNIT (X53-4210-10) (D/4) Component side view (J79-0034-19 D/4)



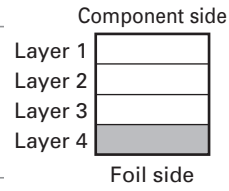
Ref. No.	Address
D700	5C
D701	5D



CONTROL UNIT (X53-4210-10) (D/4) Foil side view (J79-0034-19 D/4)

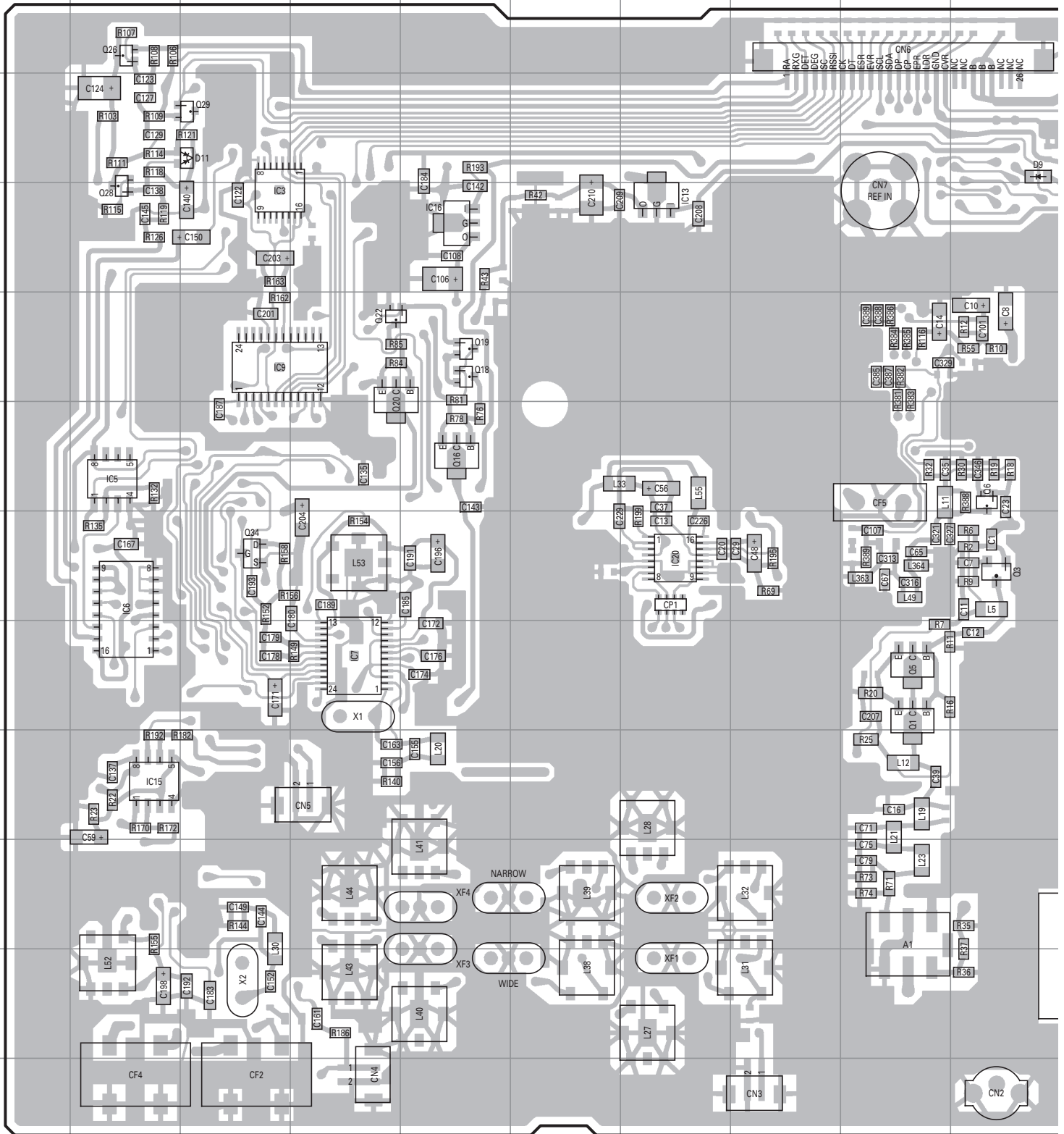


Ref. No.	Address
IC700	11E
IC701	11C
IC702	11D



TKR-740 PC BOARD

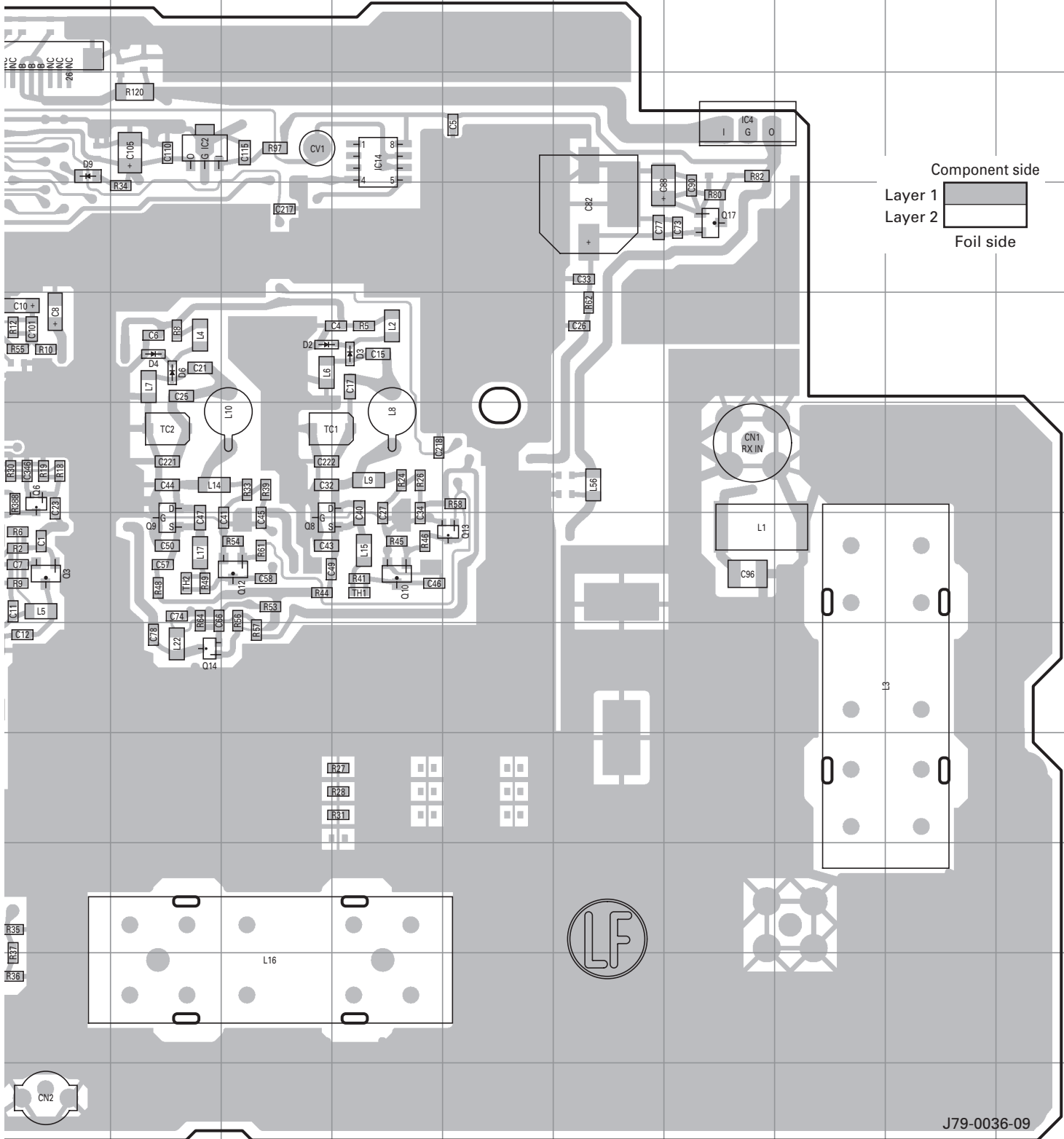
RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
Component side view (J79-0036-09)



Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC2	3K	IC6	7B	IC14	3M	Q1	8I	Q8	7L	Q13	7N	Q18	5E	Q26	
IC3	4C	IC7	8D	IC15	9B	Q3	7J	Q9	7K	Q14	8K	Q19	5E	Q28	
IC4	3P	IC9	5C	IC16	4E	Q5	8I	Q10	7M	Q16	6E	Q20	6D	Q29	
IC5	6B	IC13	4G	IC20	7G	Q6	6J	Q12	7L	Q17	4P	Q22	5D	Q34	

PC BOARD TKR-740

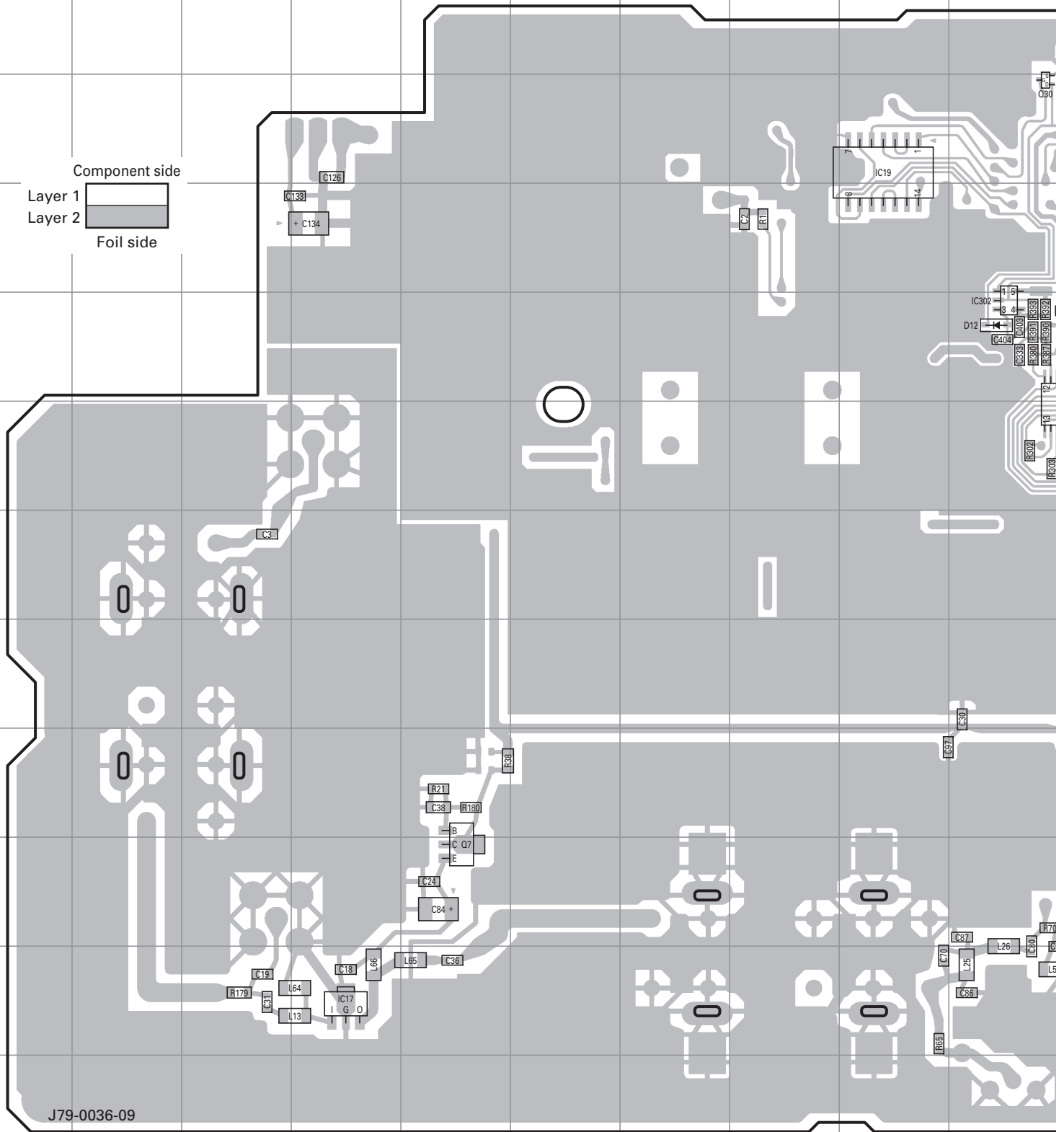
RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
 Component side view (J79-0036-09)



Press	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
E	Q26	2B	D2	5L	D9	3J
E	Q28	4B	D3	5M	D11	3C
D	Q29	3C	D4	5K		
D	Q34	7C	D6	5K		

TKR-740 PC BOARD

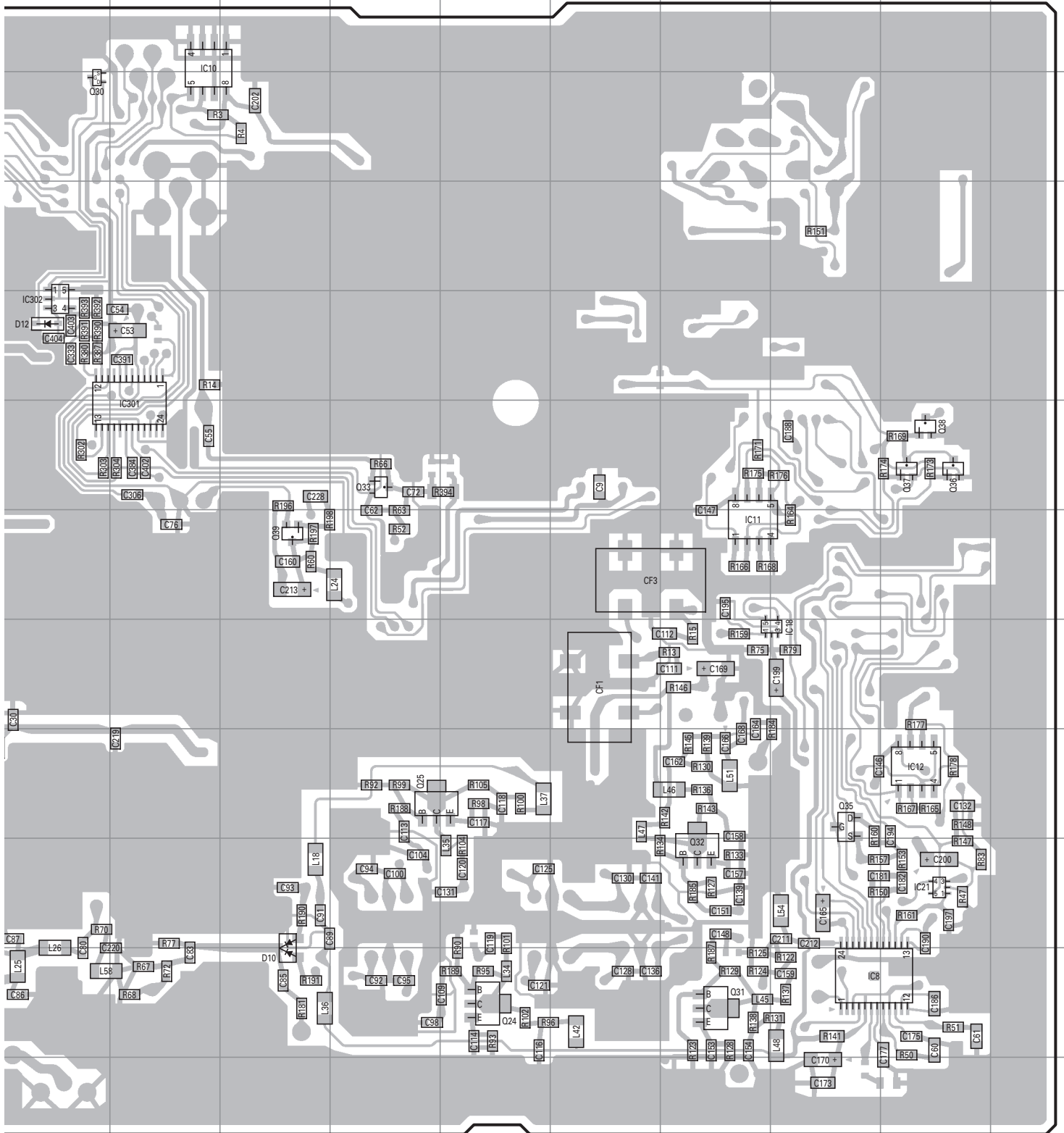
RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
 Foil side view (J79-0036-09)



Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC8	11Q	IC17	11D	IC301	6K	Q25	9M	Q33	6M	Q38	6R
IC10	2K	IC18	8Q	IC302	5J	Q30	3J	Q35	9Q	Q39	7L
IC11	7P	IC19	3I	Q7	10E	Q31	11P	Q36	6R	D10	11L
IC12	9R	IC21	10R	Q24	11N	Q32	10P	Q37	6R	D12	5J

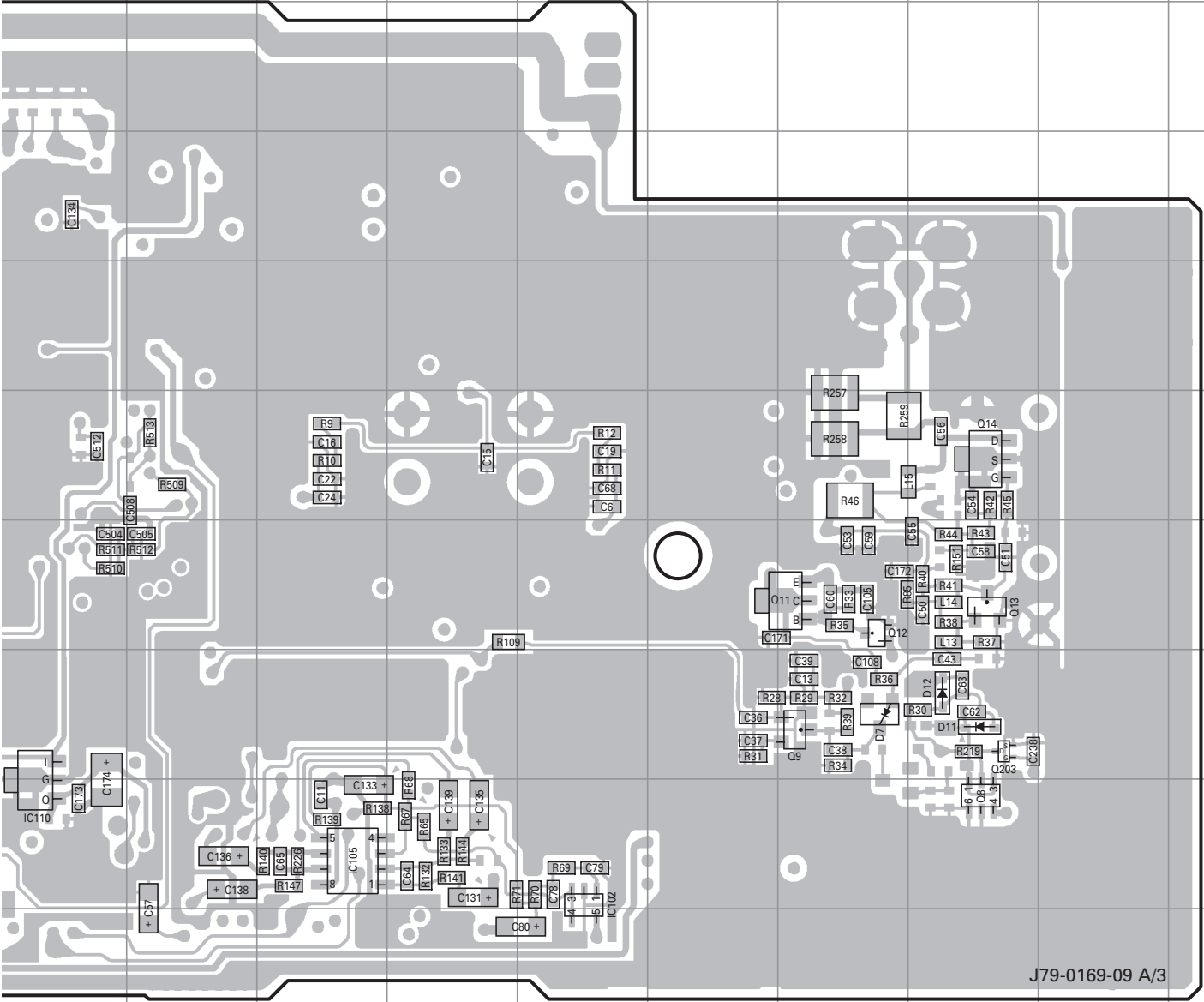
PC BOARD TKR-740

RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
Foil side view (J79-0036-09)

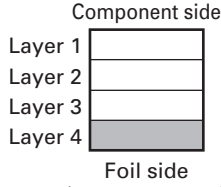


PC BOARD TKR-740

TX UNIT (X56-3140-10) (A/3) : K,K2,K3
Foil side view (J79-0169-09 A/3)

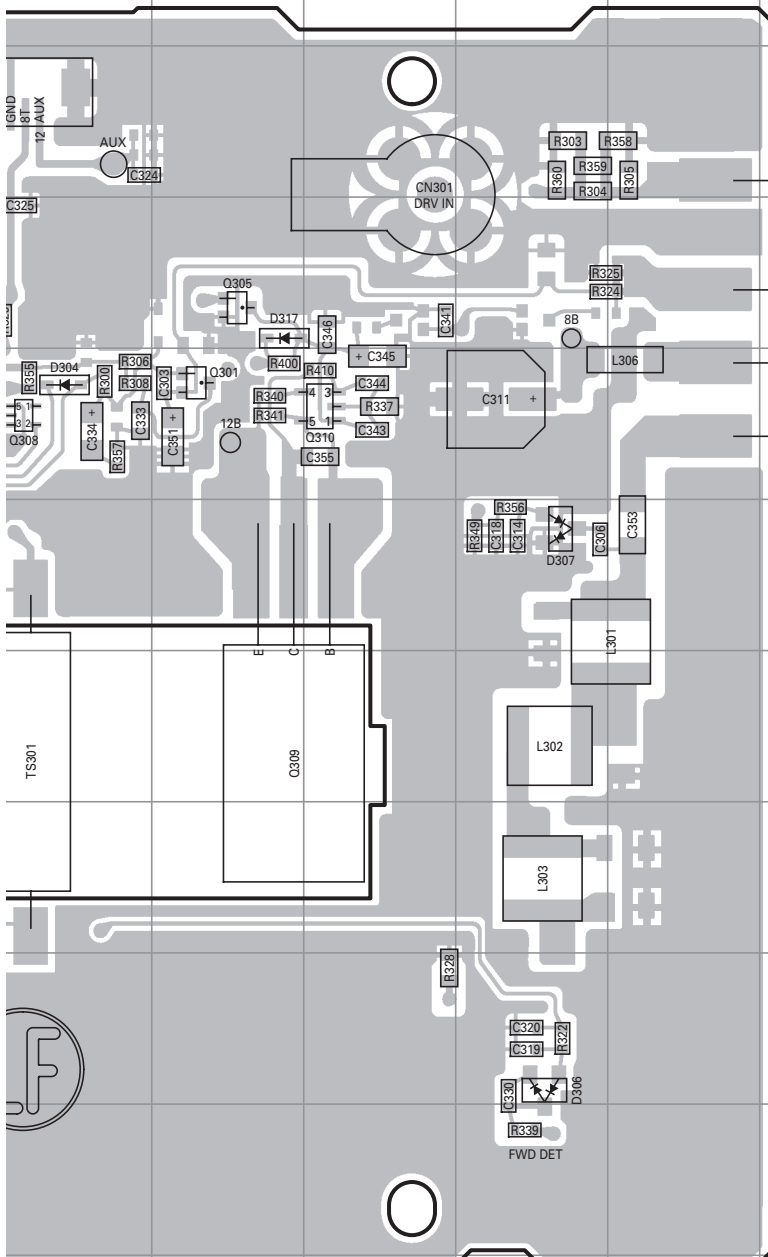


J79-0169-09 A/3



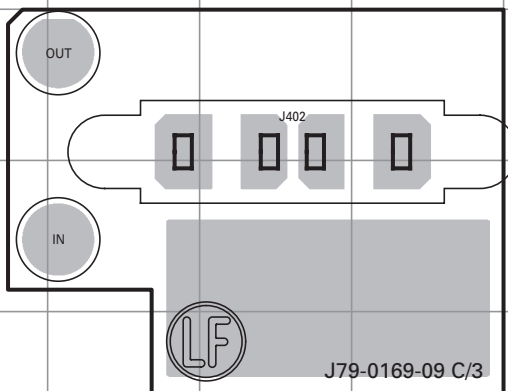
PC BOARD TKR-740

**TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Component side view (J79-0169-09 B/3)**



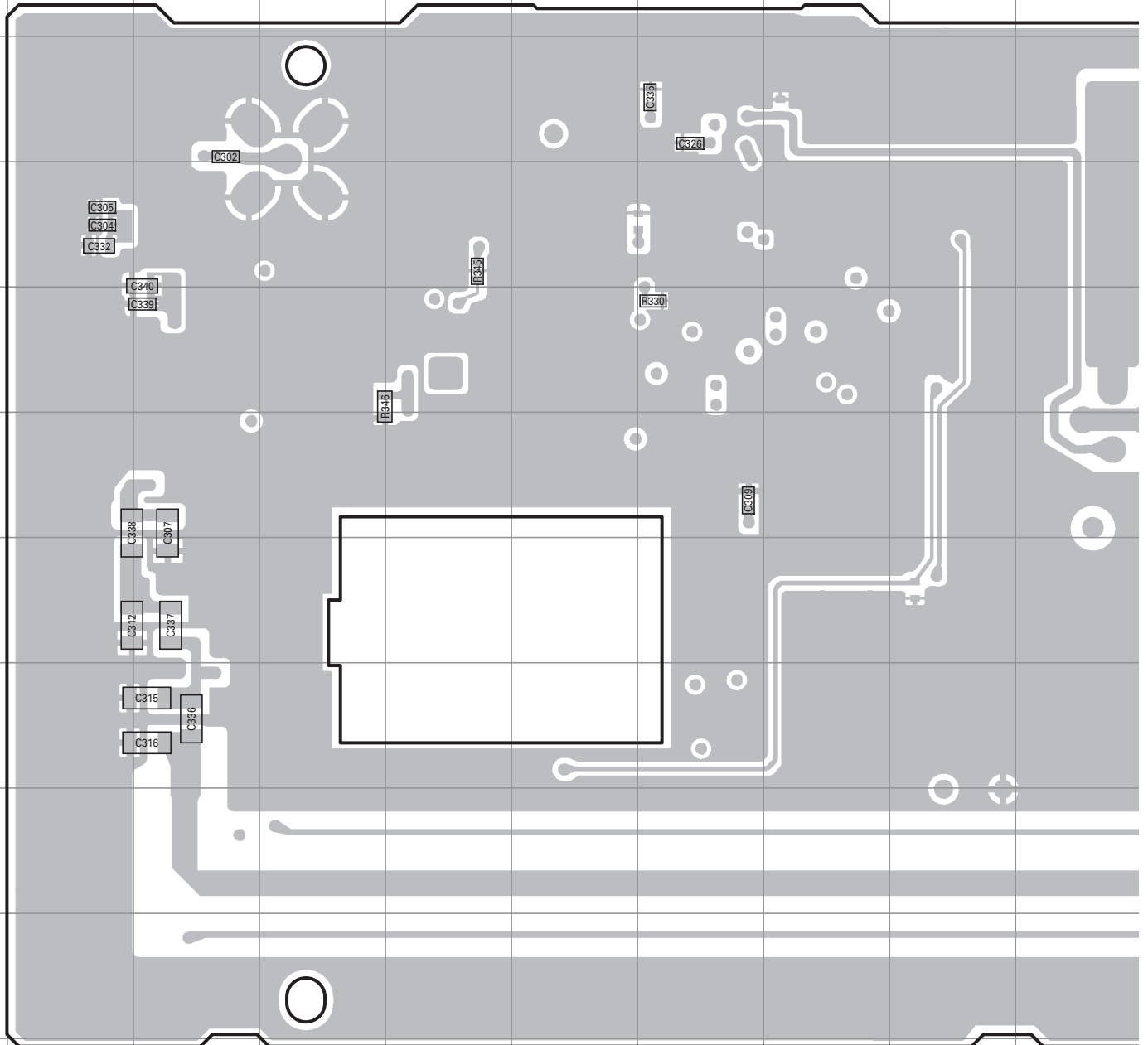
Ref. No.	Address
IC302	5I
IC303	5G
IC304	5H
IC601	4O
Q301	5K
Q302	8I
Q304	6H
Q305	4K
Q306	6C
Q307	6D
Q308	5J
Q309	7K
Q310	5L
Q312	4I
Q313	4H
D303	7F
D304	5J
D305	6G
D306	9M
D307	6M
D308	9D
D310	7G
D312	6C
D317	4K
D318	4H

**TX UNIT (X56-3140-10) (C/3) : K,K2,K3
Component side view
(J79-0169-09 C/3)**



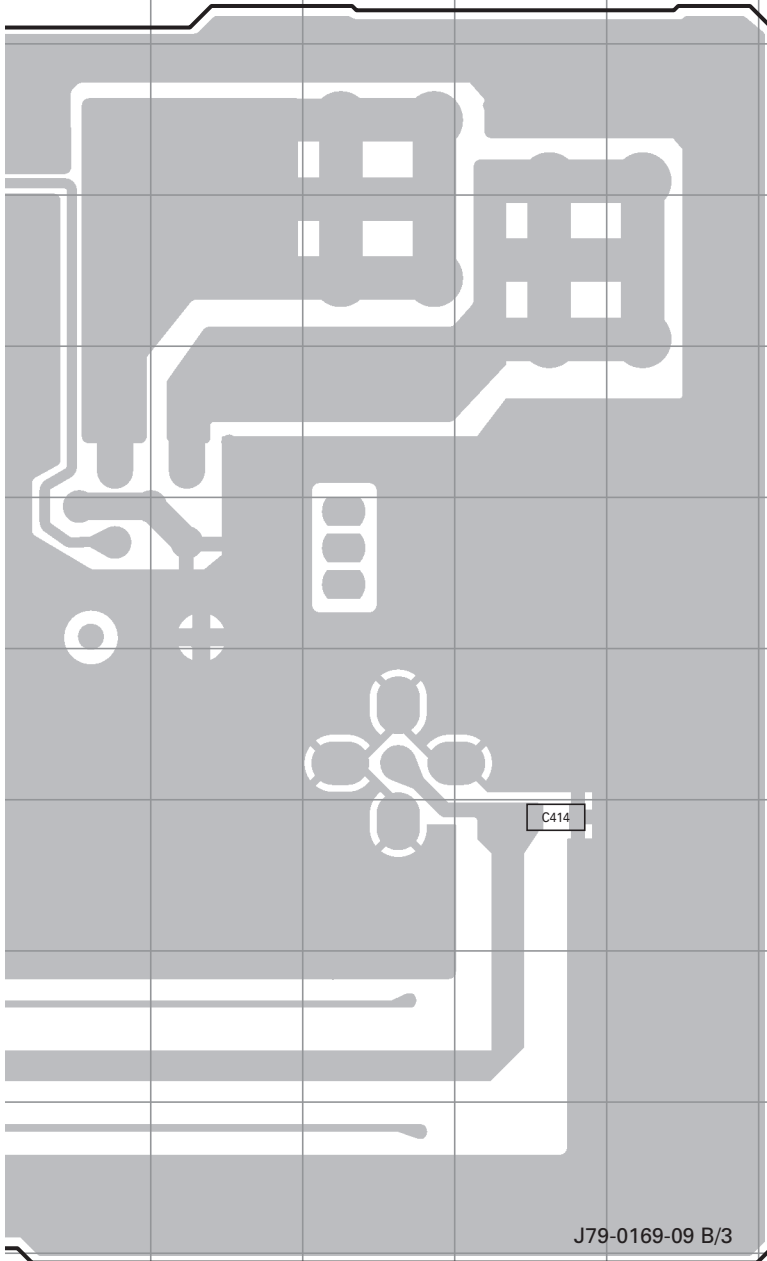
TKR-740 PC BOARD

TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Foil side view (J79-0169-09 B/3)

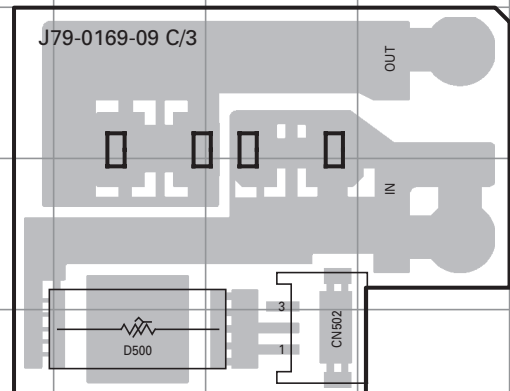


PC BOARD TKR-740

**TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Foil side view (J79-0169-09 B/3)**



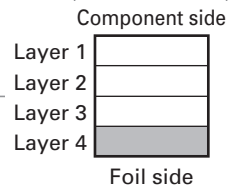
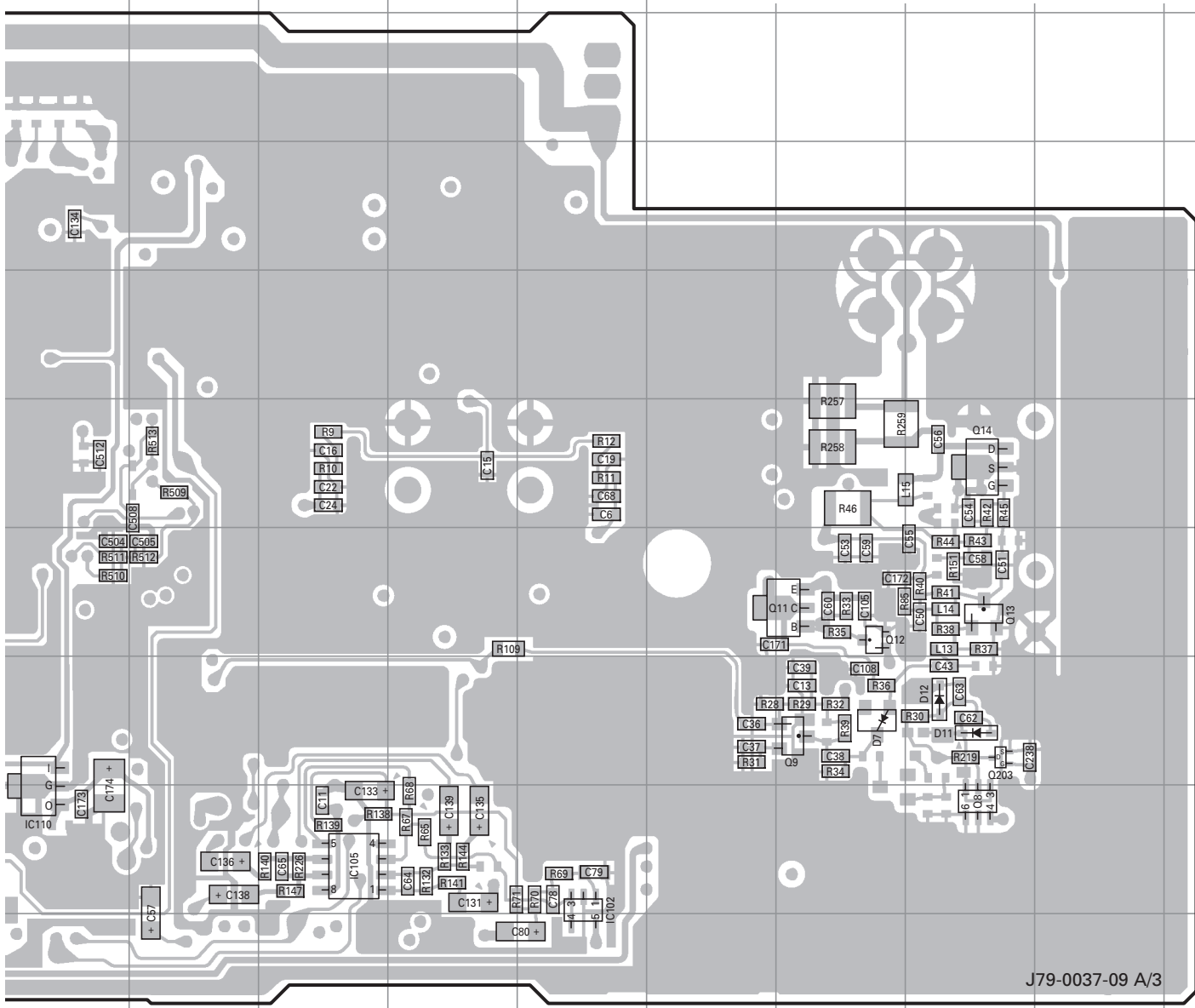
**TX UNIT (X56-3140-10) (C/3) : K,K2,K3
Foil side view
(J79-0169-09 C/3)**



Ref. No.	Address
D500	13P

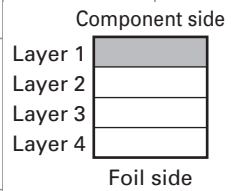
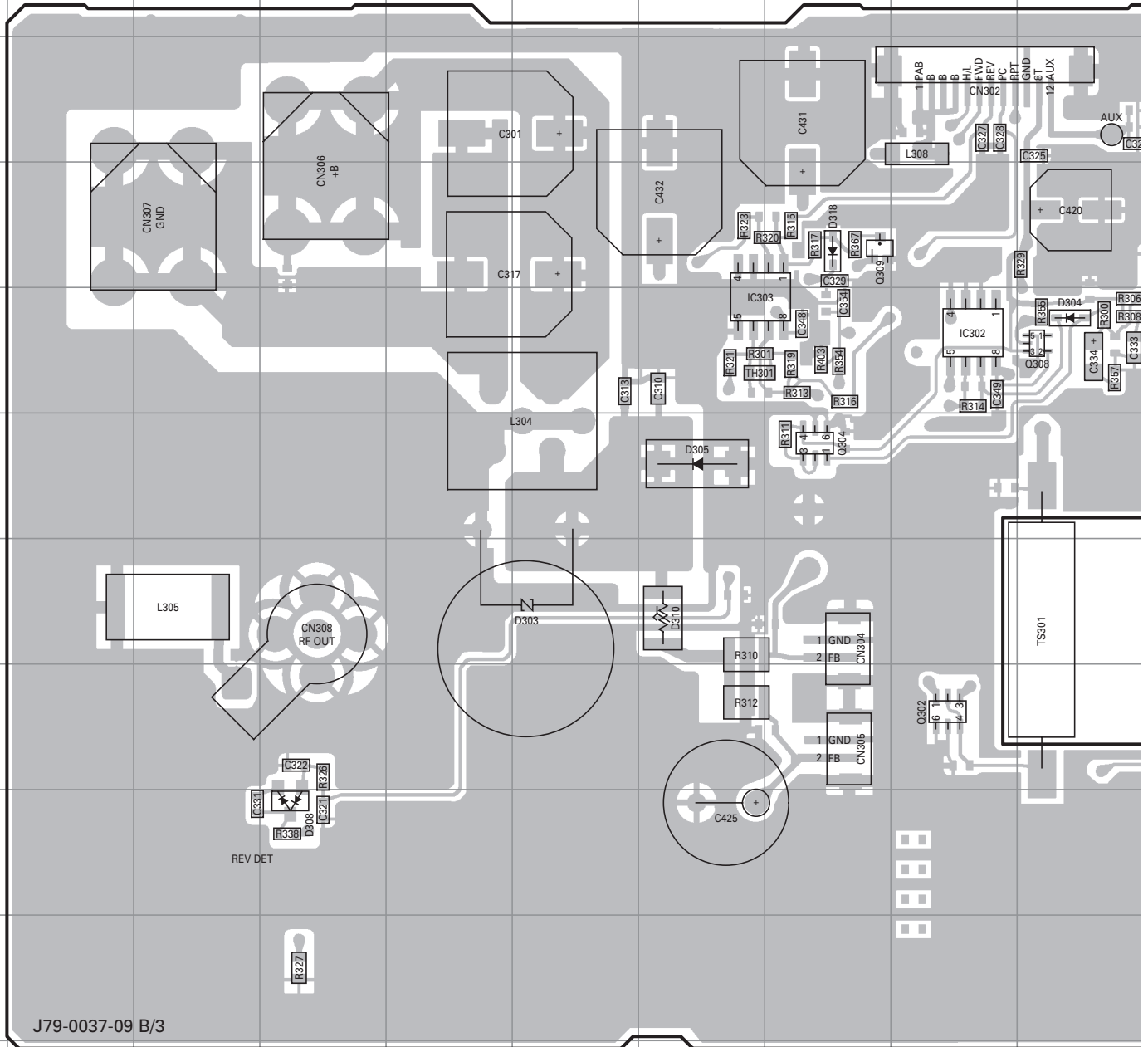
PC BOARD TKR-740

TX UNIT (X56-3102-70) (A/3) : E
Foil side view (J79-0037-09 A/3)



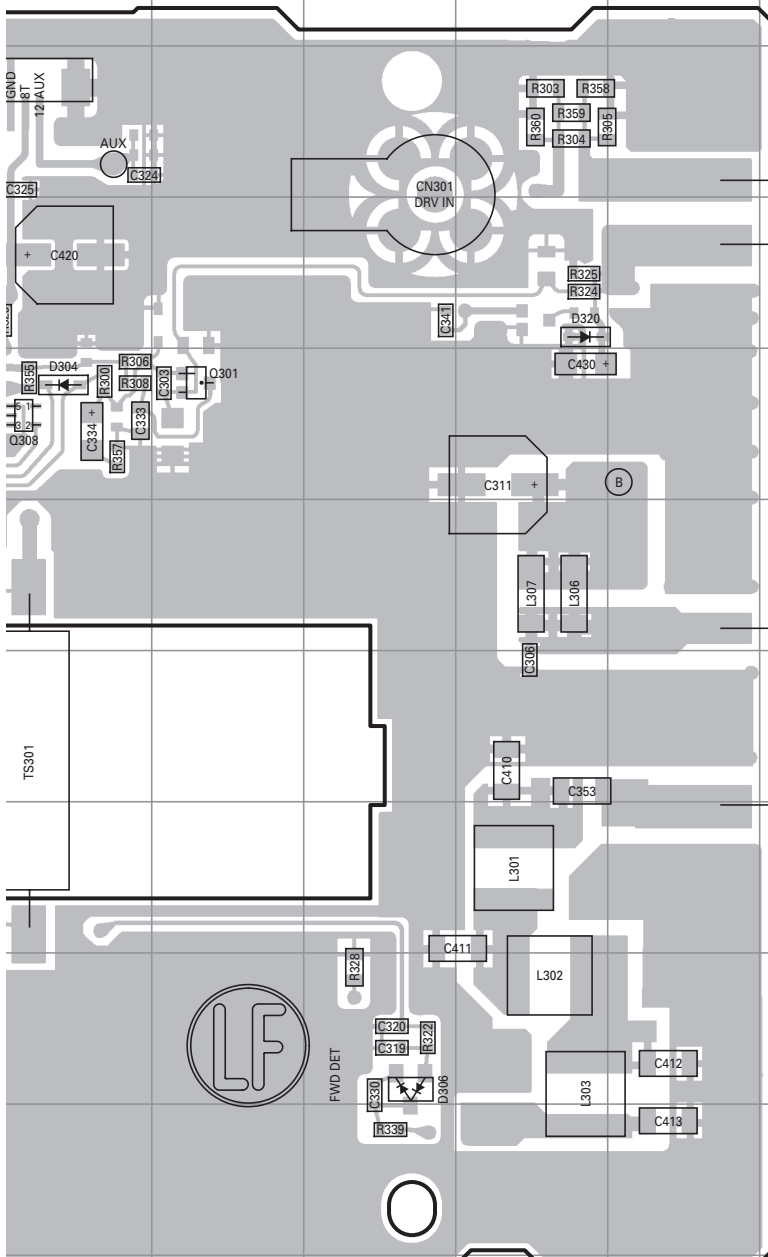
TKR-740 PC BOARD

TX UNIT (X56-3102-70) (B/3) : E Component side view (J79-0037-09 B/3)



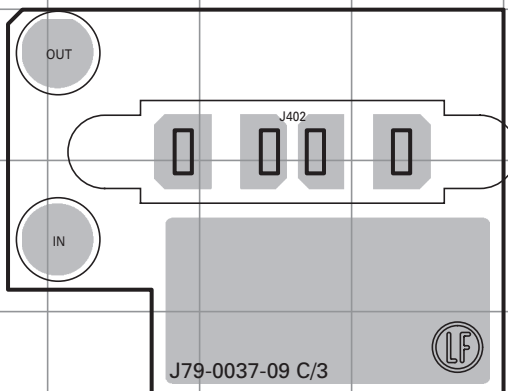
PC BOARD TKR-740

TX UNIT (X56-3102-70) (B/3) : E
Component side view (J79-0037-09 B/3)



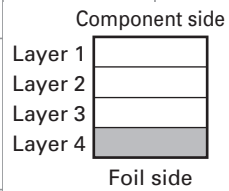
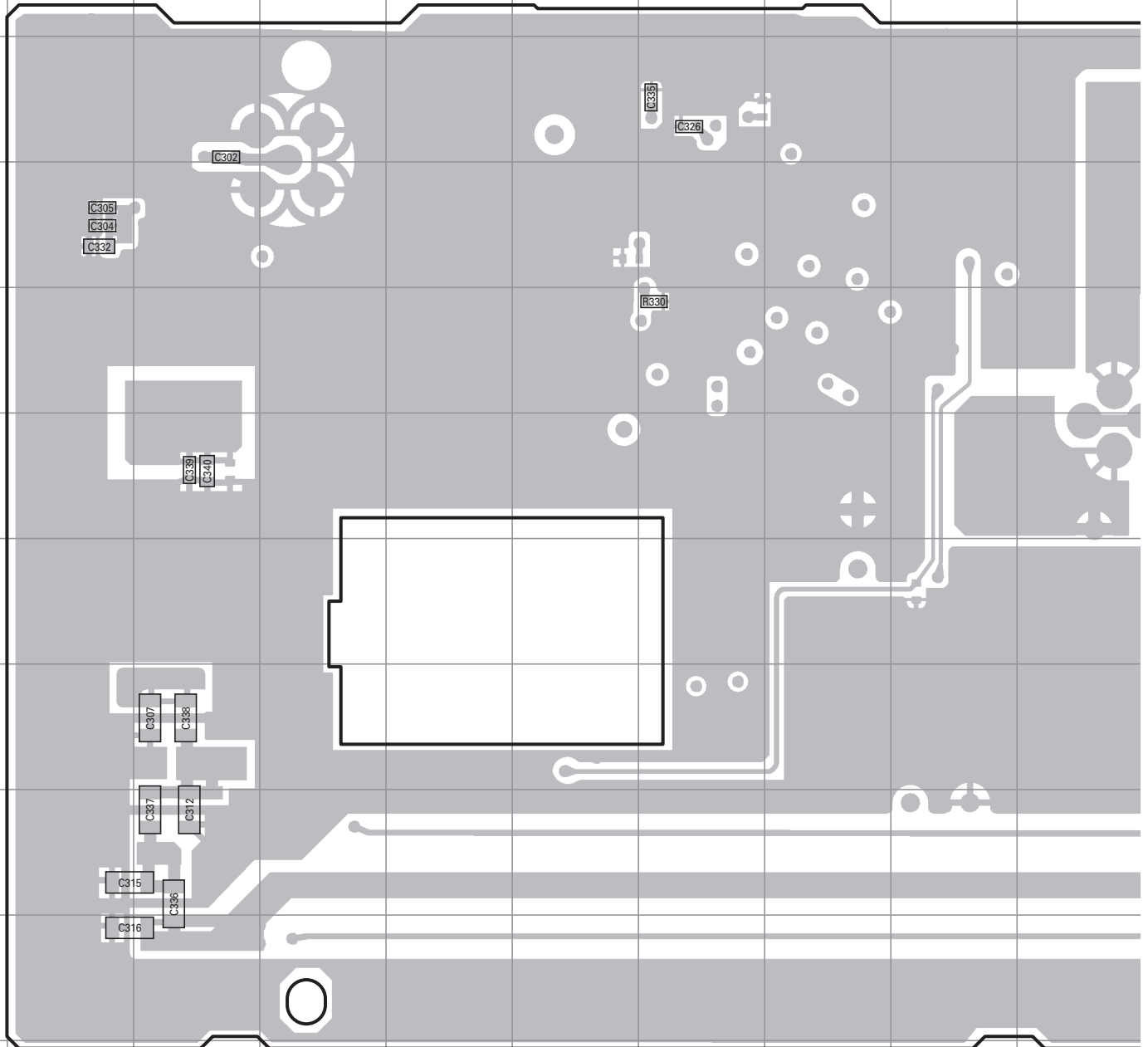
Ref. No.	Address
IC302	5I
IC303	5G
IC601	5P
Q301	5K
Q302	8I
Q304	6H
Q308	5J
Q309	4H
D303	7F
D304	5J
D305	6G
D306	9L
D308	9D
D310	7G
D318	4H
D320	4M

TX UNIT (X56-3102-70) (C/3) : E
Component side view (J79-0037-09 C/3)



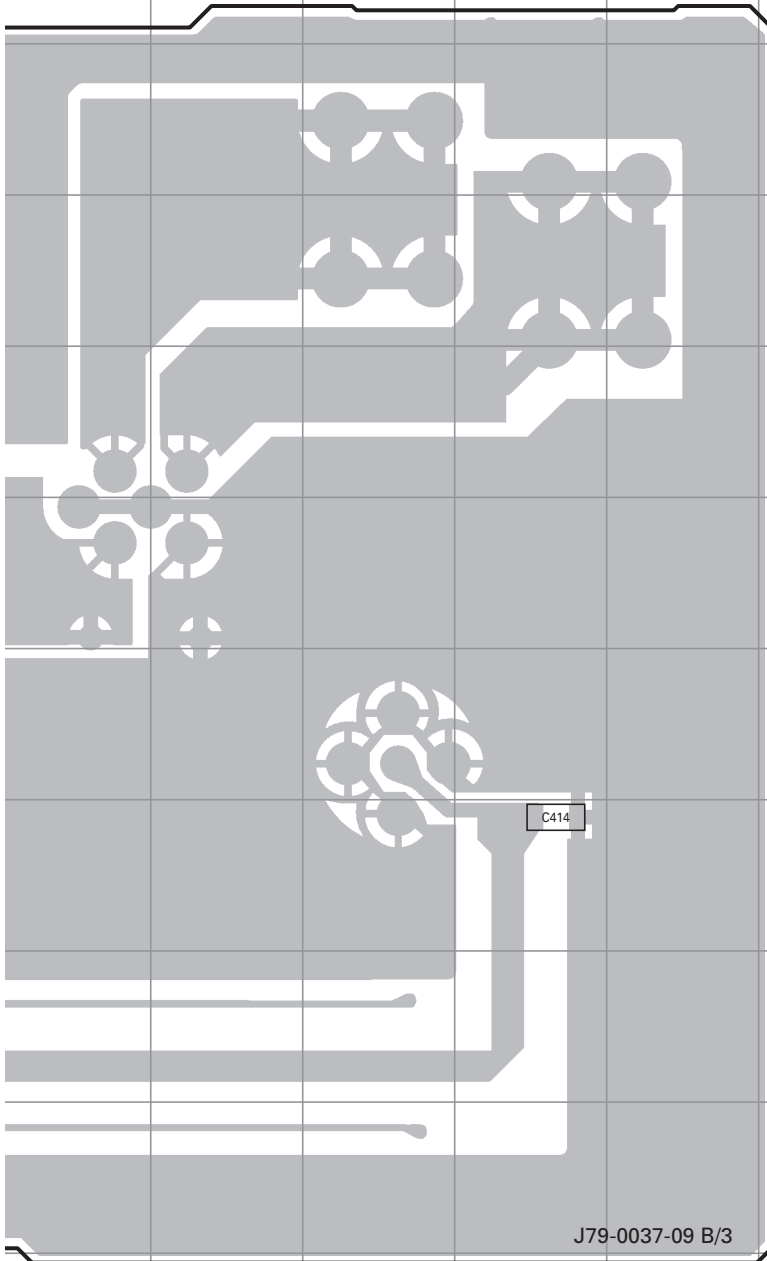
TKR-740 PC BOARD

TX UNIT (X56-3102-70) (B/3) : E
Foil side view (J79-0037-09 B/3)

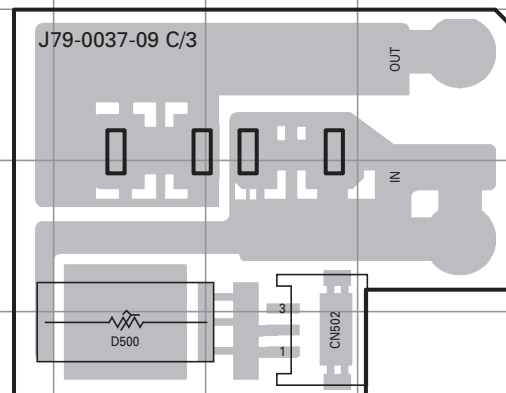


PC BOARD TKR-740

TX UNIT (X56-3102-70) (B/3) : E
Foil side view (J79-0037-09 B/3)



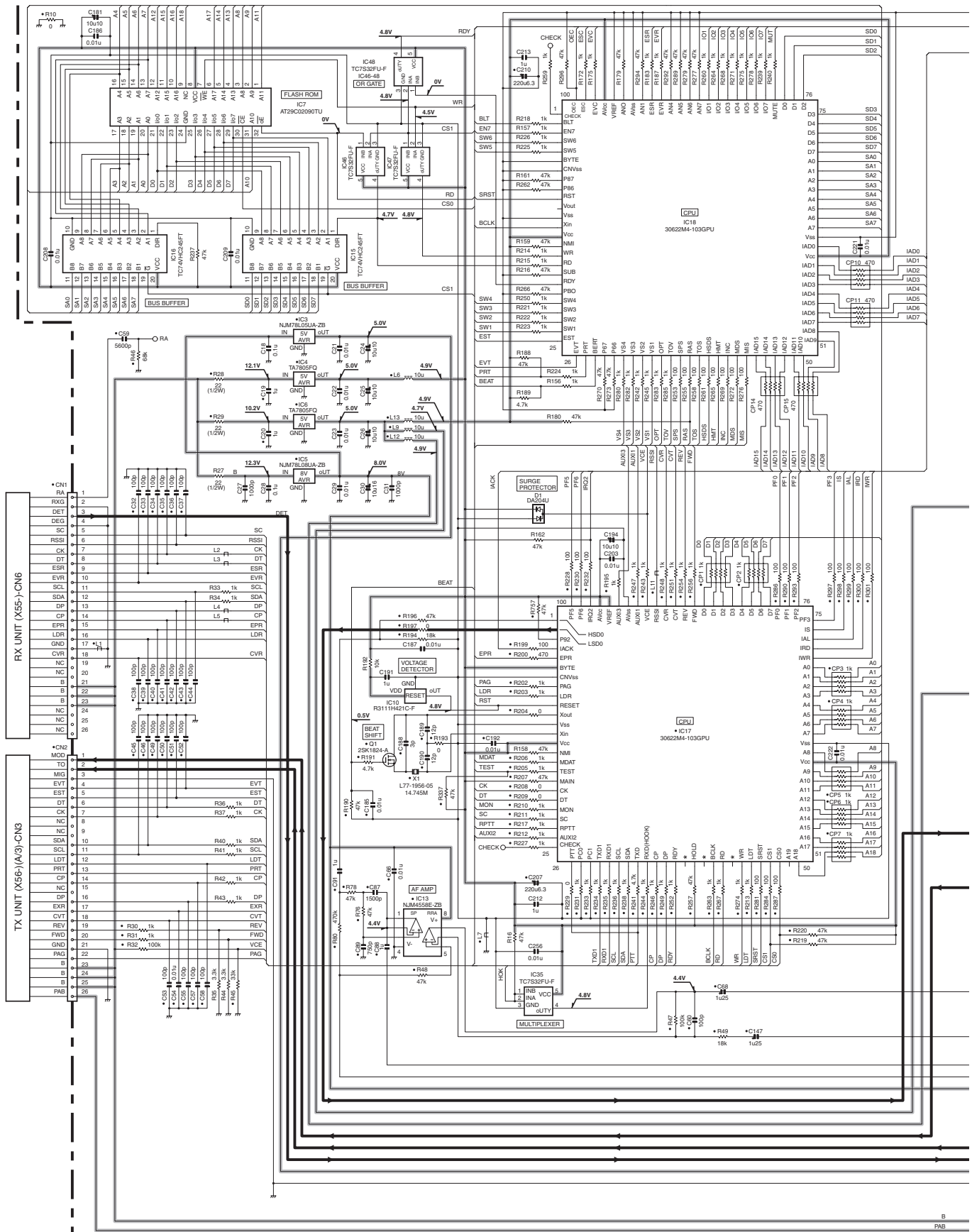
TX UNIT (X56-3102-70) (C/3) : E
Foil side view
(J79-0037-09 C/3)



Ref. No.	Address
D500	13P

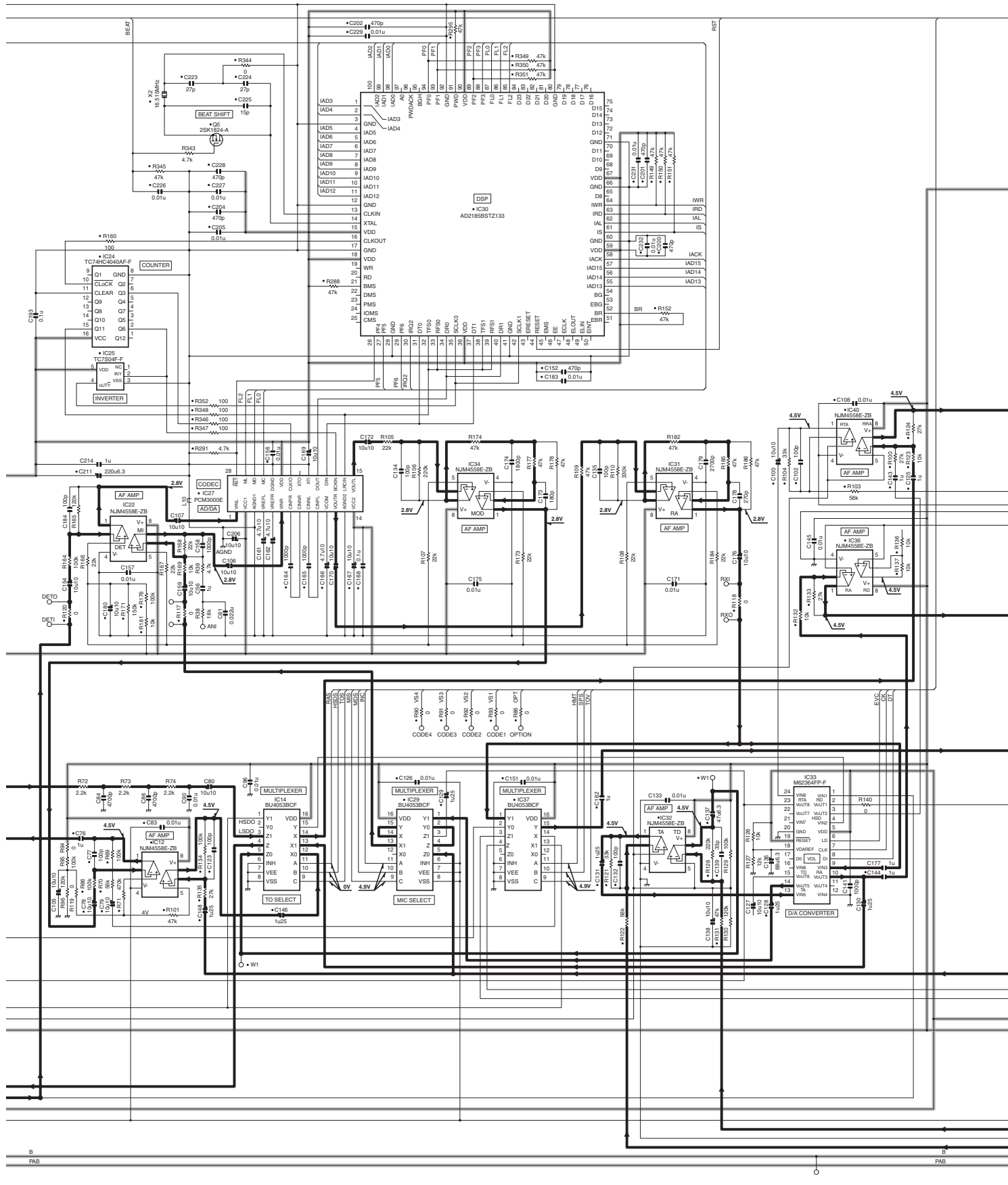
TKR-740 SCHEMATIC DIAGRAM

CONTROL UNIT (X53-4210-10)(A/4)



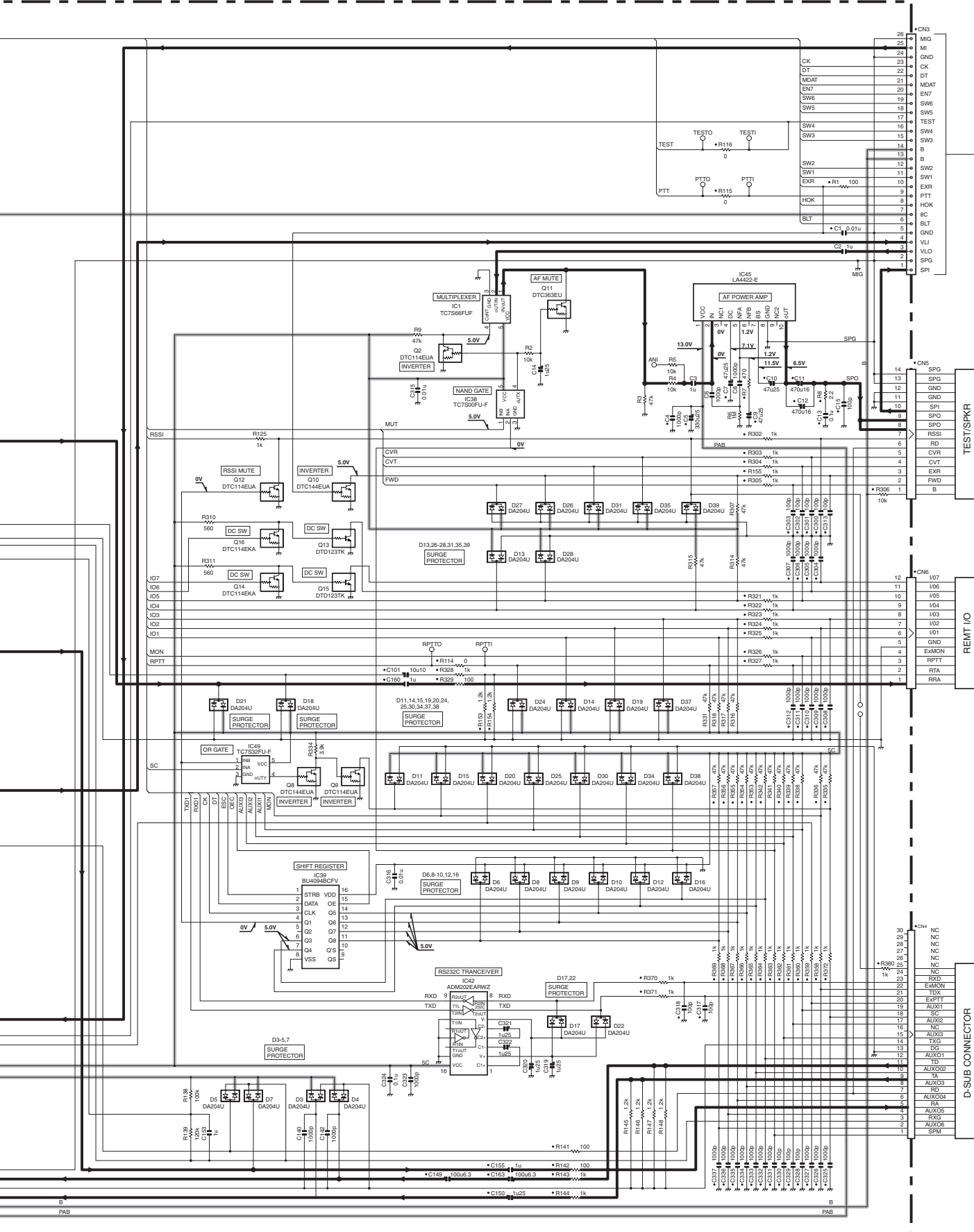
SCHEMATIC DIAGRAM TKR-740

CONTROL UNIT (X53-4210-10)(A/4)



TKR-740 SCHEMATIC DIAGRAM

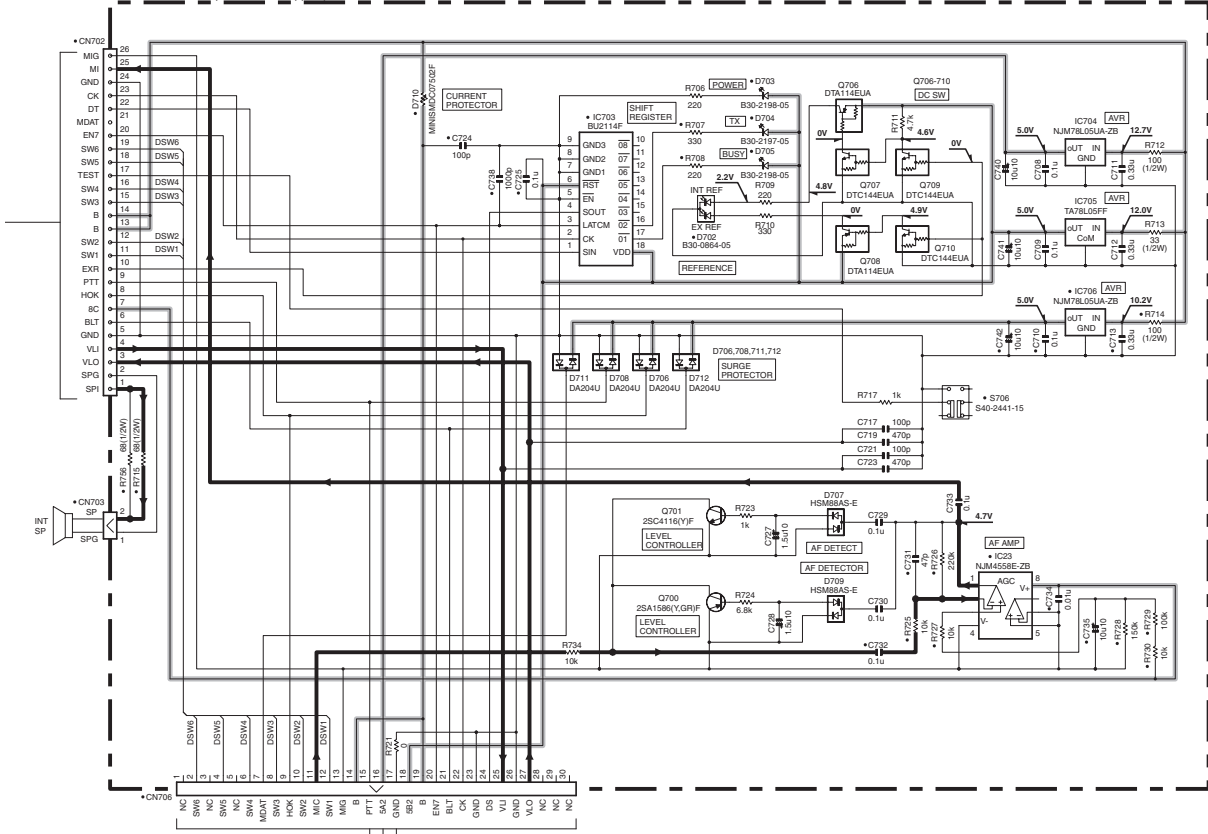
CONTROL UNIT (X53-4210-10)(A/4)



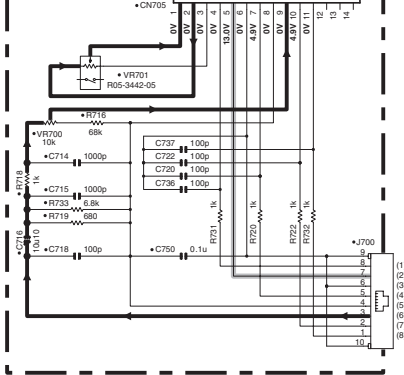
SCHEMATIC DIAGRAM TKR-740

Note : The components marked with a dot (●) are parts of layer 1.

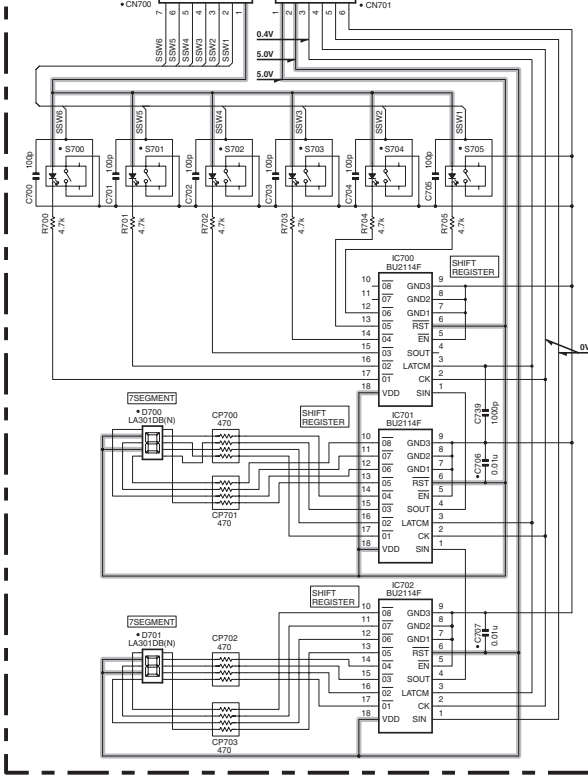
CONTROL UNIT (X53-4210-10)(B/4)



CONTROL UNIT (X53-4210-10)(C/4)

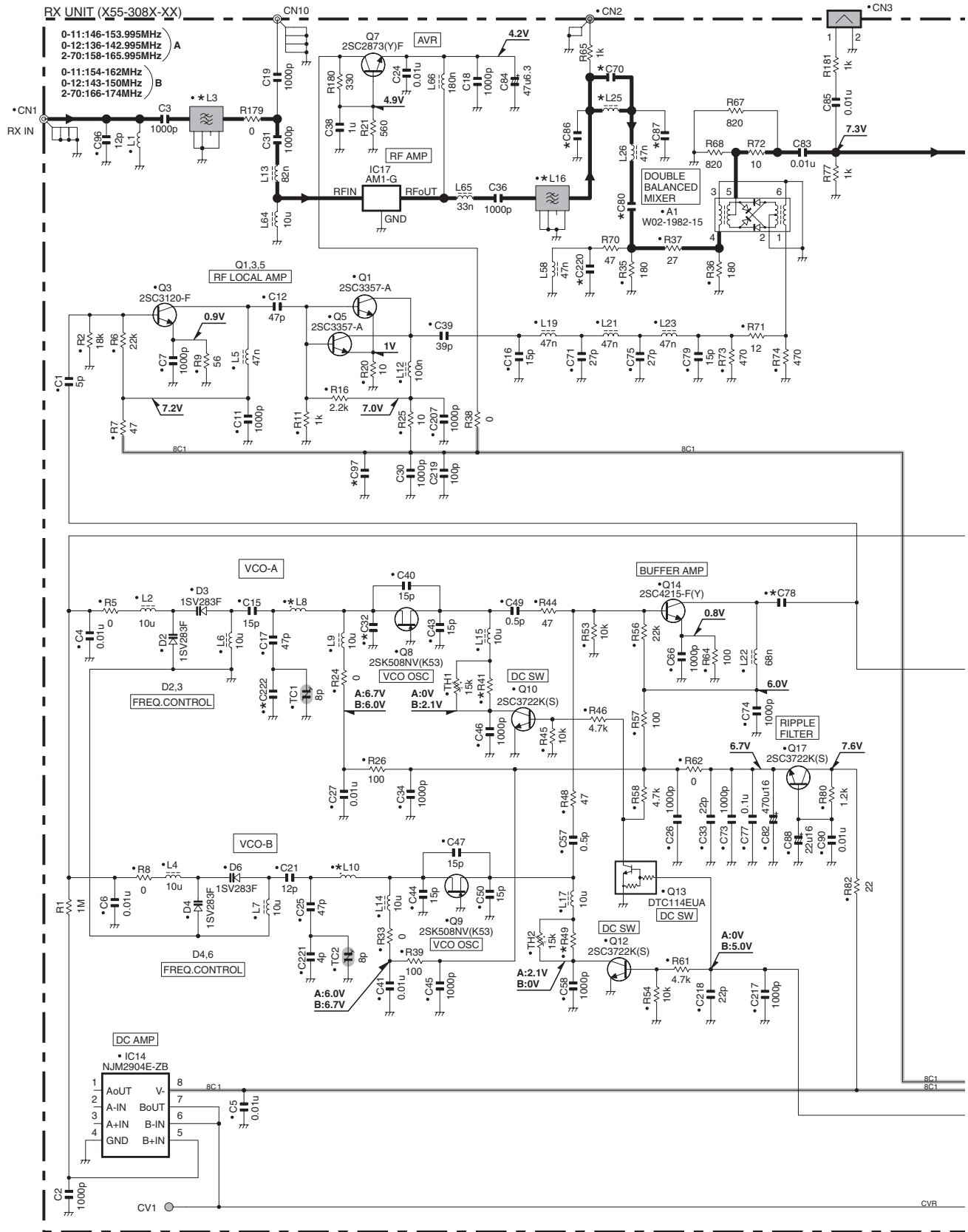


CONTROL UNIT (X53-4210-10)(D/4)



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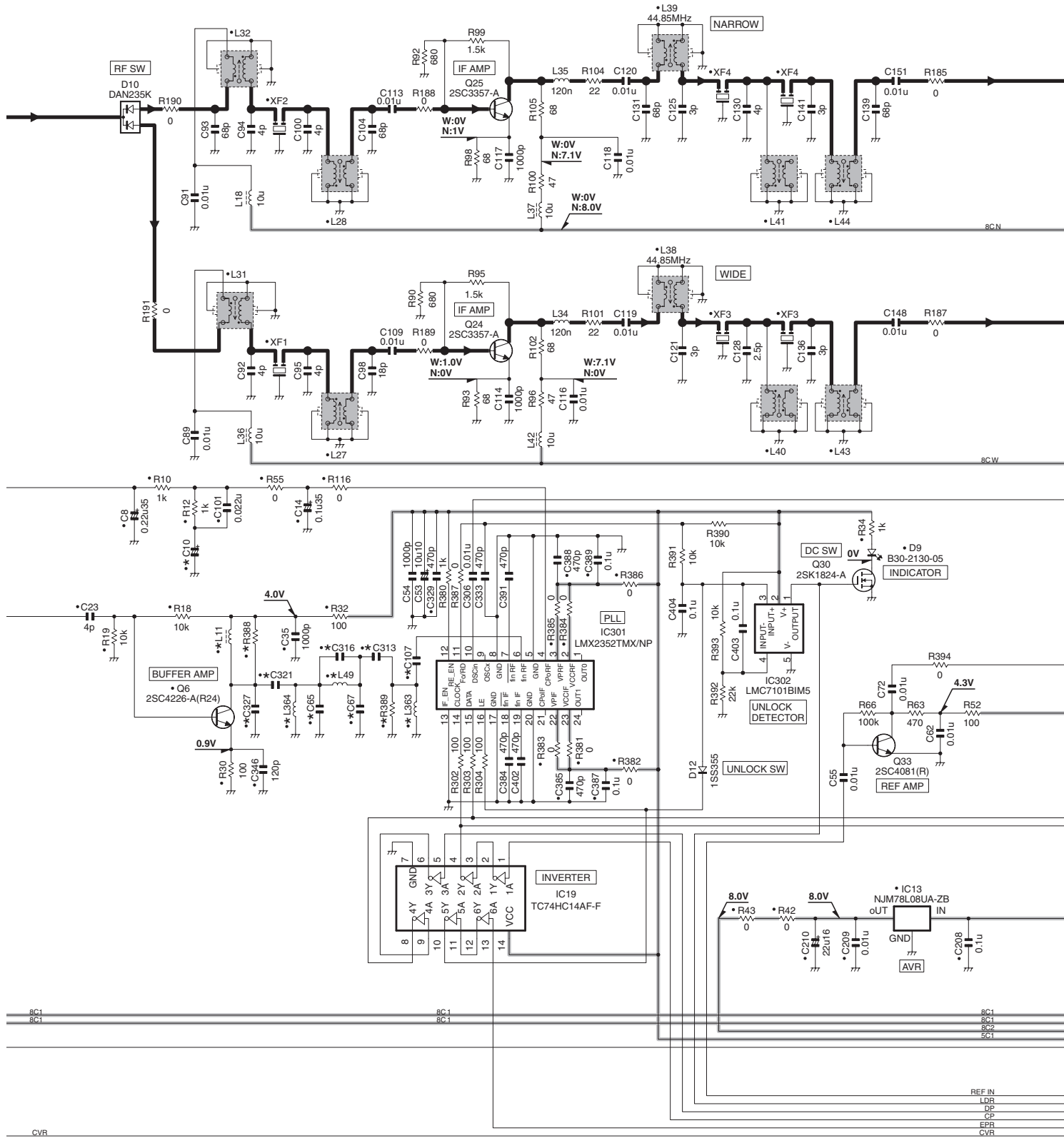
TKR-740 SCHEMATIC DIAGRAM



X55-308X-XX	L3	L8	L10	L16	L25	R41	R49	C32	C70	C78	C80	C86	C87	C97	C220	C222	
2-70	K2,E	L79-1872-05	L34-4598-05	L34-4598-05	L79-1873-05	NO	270	270	15p	1000p	9p	18p	NO	NO	NO	18p	4p
0-11	K	L79-1902-05	L34-4586-05	L34-4586-05	L79-1899-05	NO	330	270	15p	1000p	10p	22p	NO	NO	NO	22p	4p
0-12	K3	L79-1901-05	L34-4599-05	L34-4599-05	L79-1900-05	39n	330	330	18p	5p	12p	27p	15p	15p	22p	27p	2p

SCHEMATIC DIAGRAM TKR-740

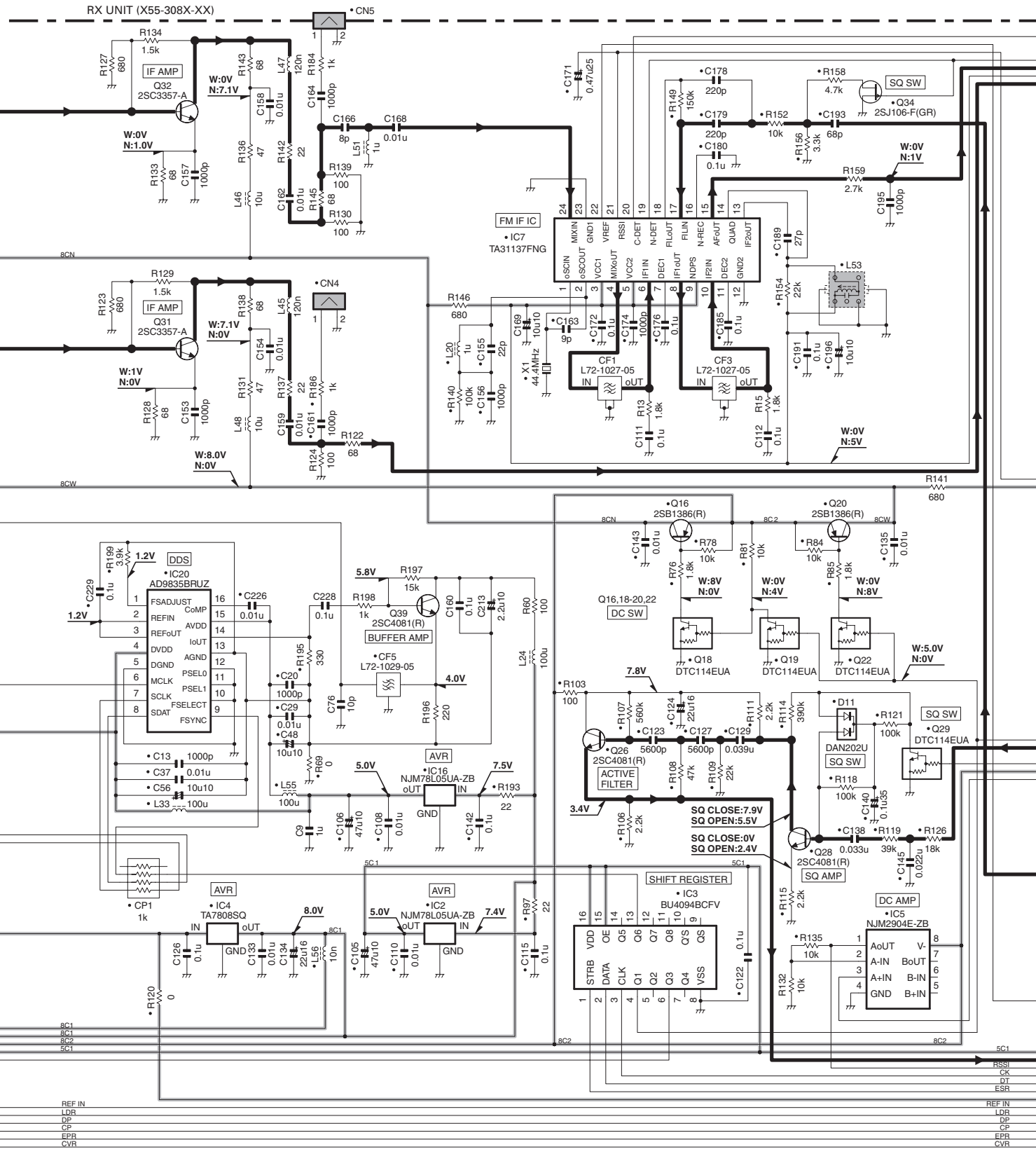
RX UNIT (X55-308X-XX)



X55-308X-XX	L11	L49	L363	L364	R388	R389	C10	C65	C67	C107	C313	C316	C321	C327	
2-70	K2,E	220n	82n	22n	22n	100	150	2.2u6.3V	NO	NO	120p	1p	NO	120p	5p
0-11	K	15n	12n	12n	NO	82	NO	2.2u10V	6p	6p	8p	8p	2p	4p	2p
0-12	K3	15n	12n	12n	NO	82	NO	2.2u10V	6p	6p	8p	8p	2p	4p	2p

TKR-740 SCHEMATIC DIAGRAM

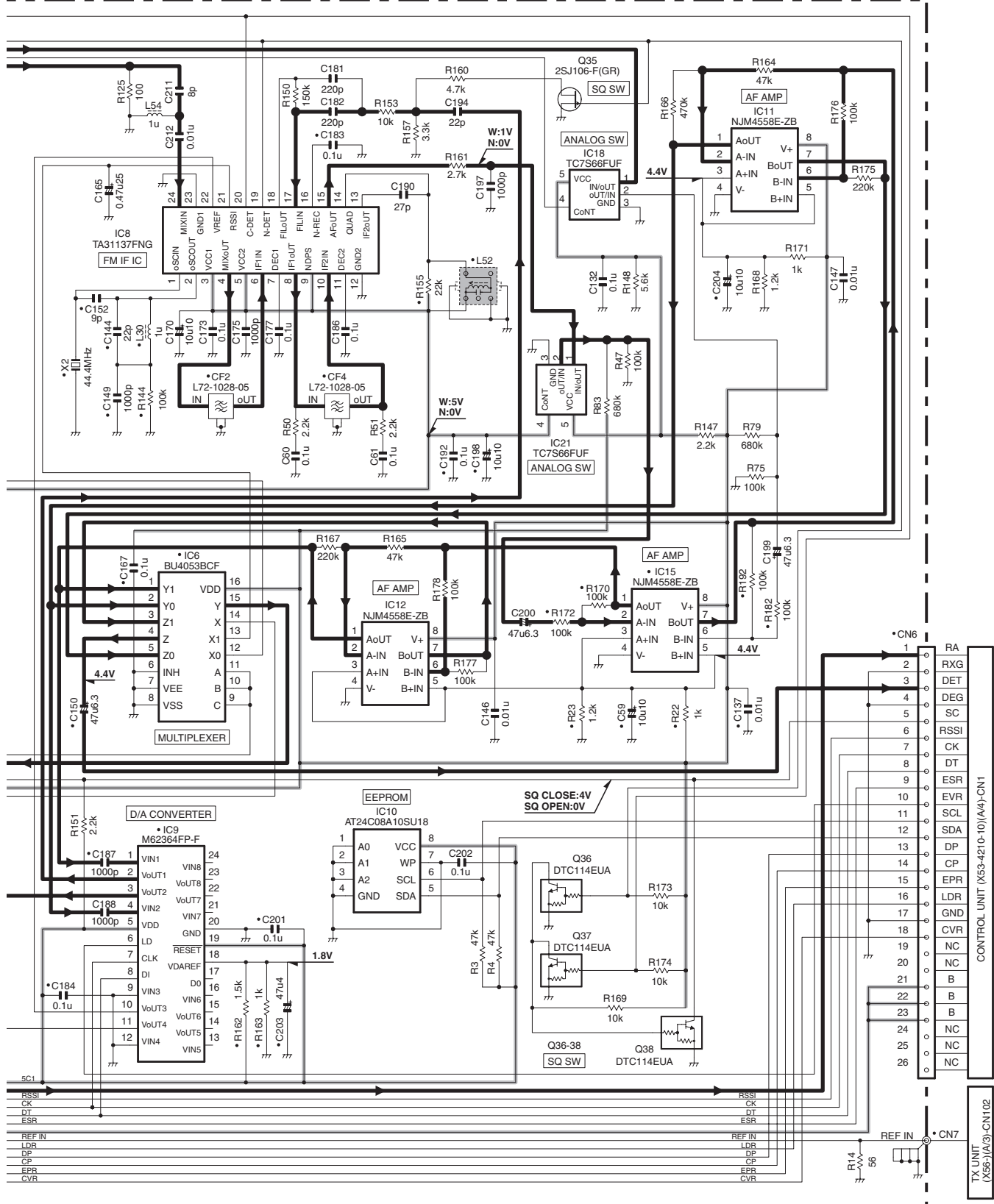
RX UNIT (X55-308X-XX)



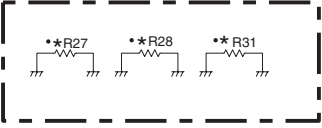
SCHEMATIC DIAGRAM TKR-740

Note : The components marked with a dot (●) are parts of layer 1.

RX UNIT (X55-308X-XX)



DESTINATION MARK



X55-308X-XX	R27	R28	R31
2-70	K2,E	0	NO
0-11	K	NO	0
0-12	K3	NO	NO

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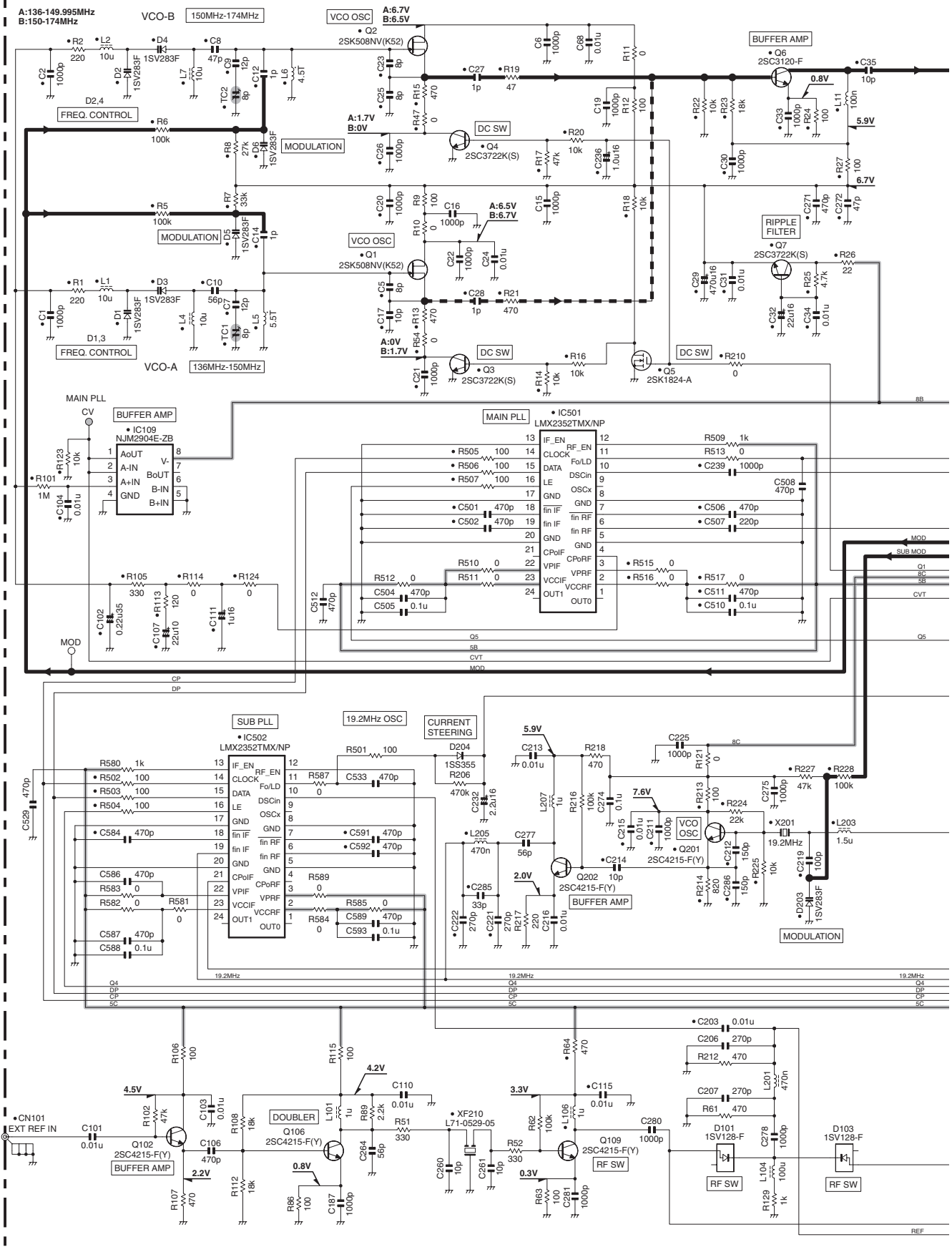
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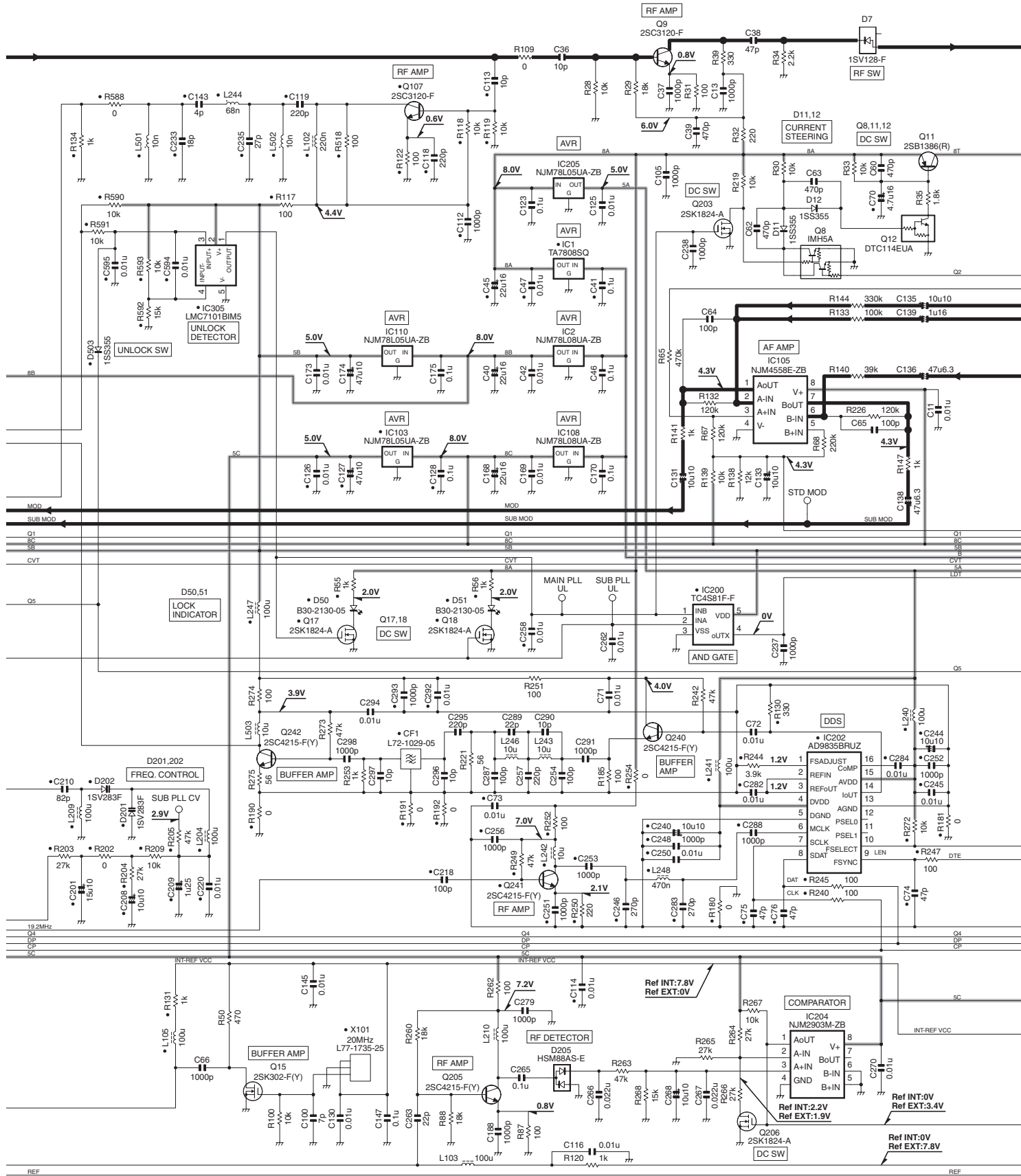
TKR-740 SCHEMATIC DIAGRAM

TX UNIT (X56-3140-10)(A/3):K,K2,K3



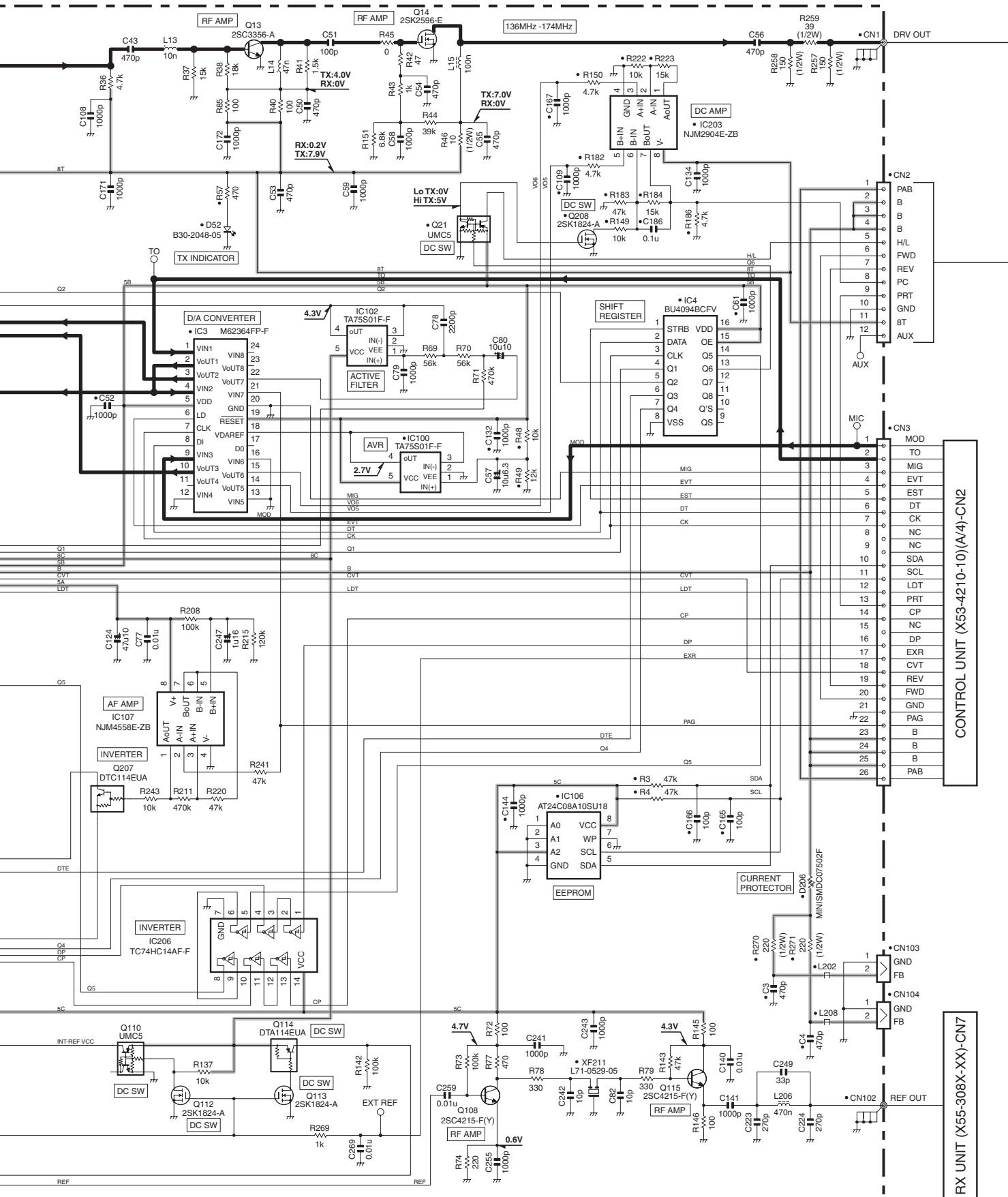
SCHEMATIC DIAGRAM TKR-740

TX UNIT (X56-3140-10)(A/3):K,K2,K3



TKR-740 SCHEMATIC DIAGRAM

TX UNIT (X56-3140-10)(A/3):K,K2,K3

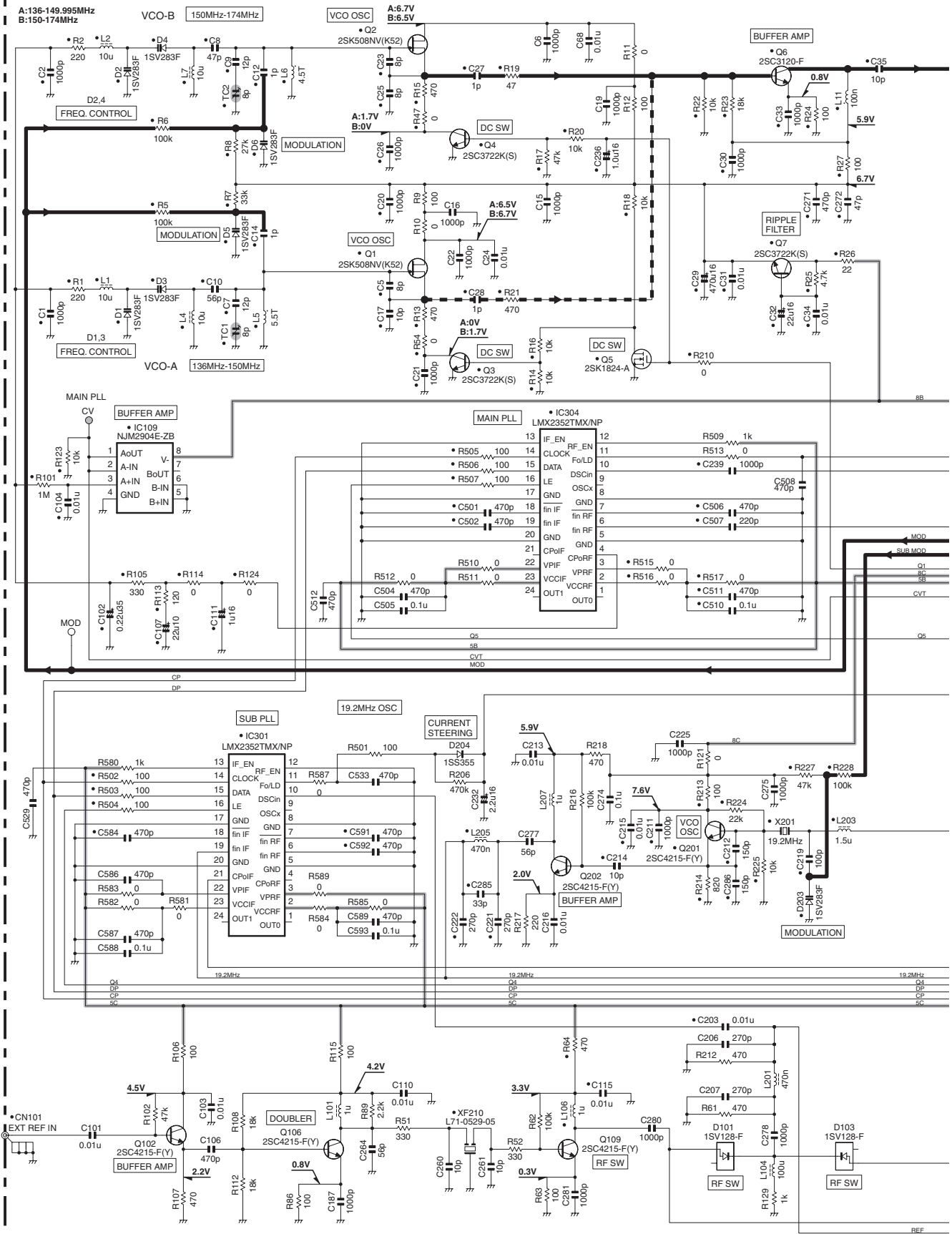


CONTROL UNIT (X53-4210-10)(A/4)-CN2

RX UNIT (X55-308X-XX)-CN7

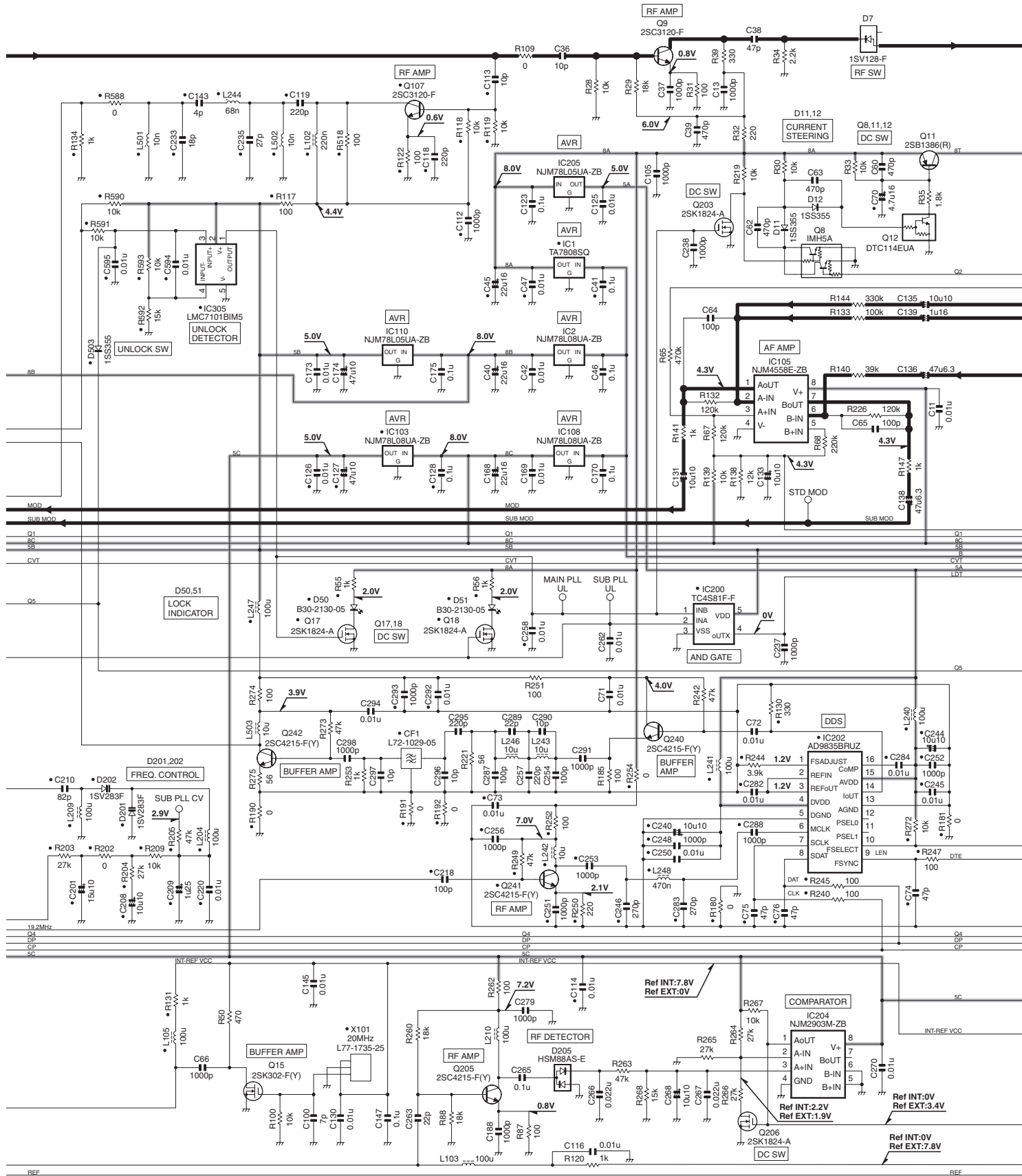
TKR-740 SCHEMATIC DIAGRAM

TX UNIT (X56-3102-70)(A/3):E



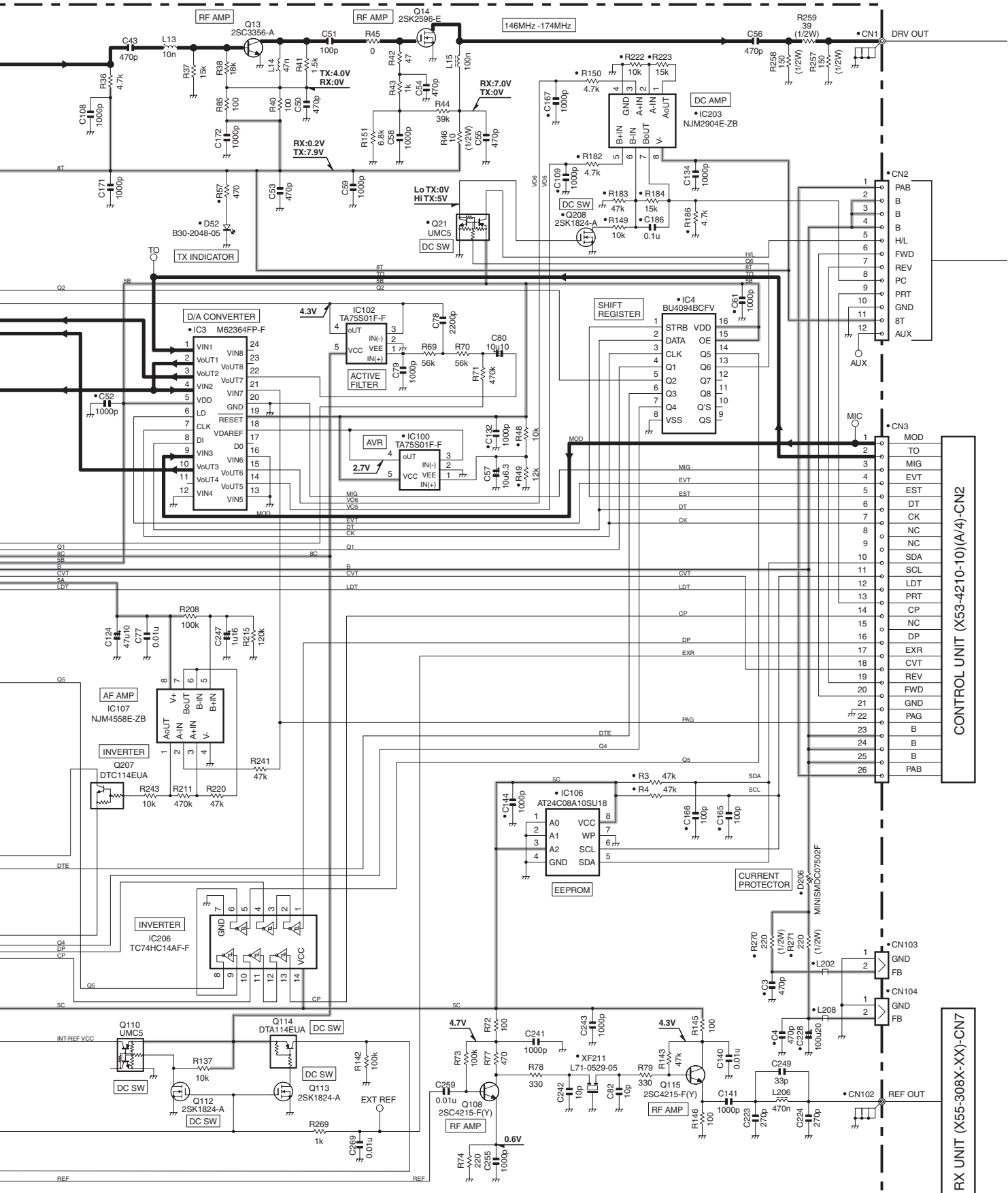
SCHEMATIC DIAGRAM TKR-740

TX UNIT (X56-3102-70)(A/3):E



TKR-740 SCHEMATIC DIAGRAM

TX UNIT (X56-3102-70)(A/3):E



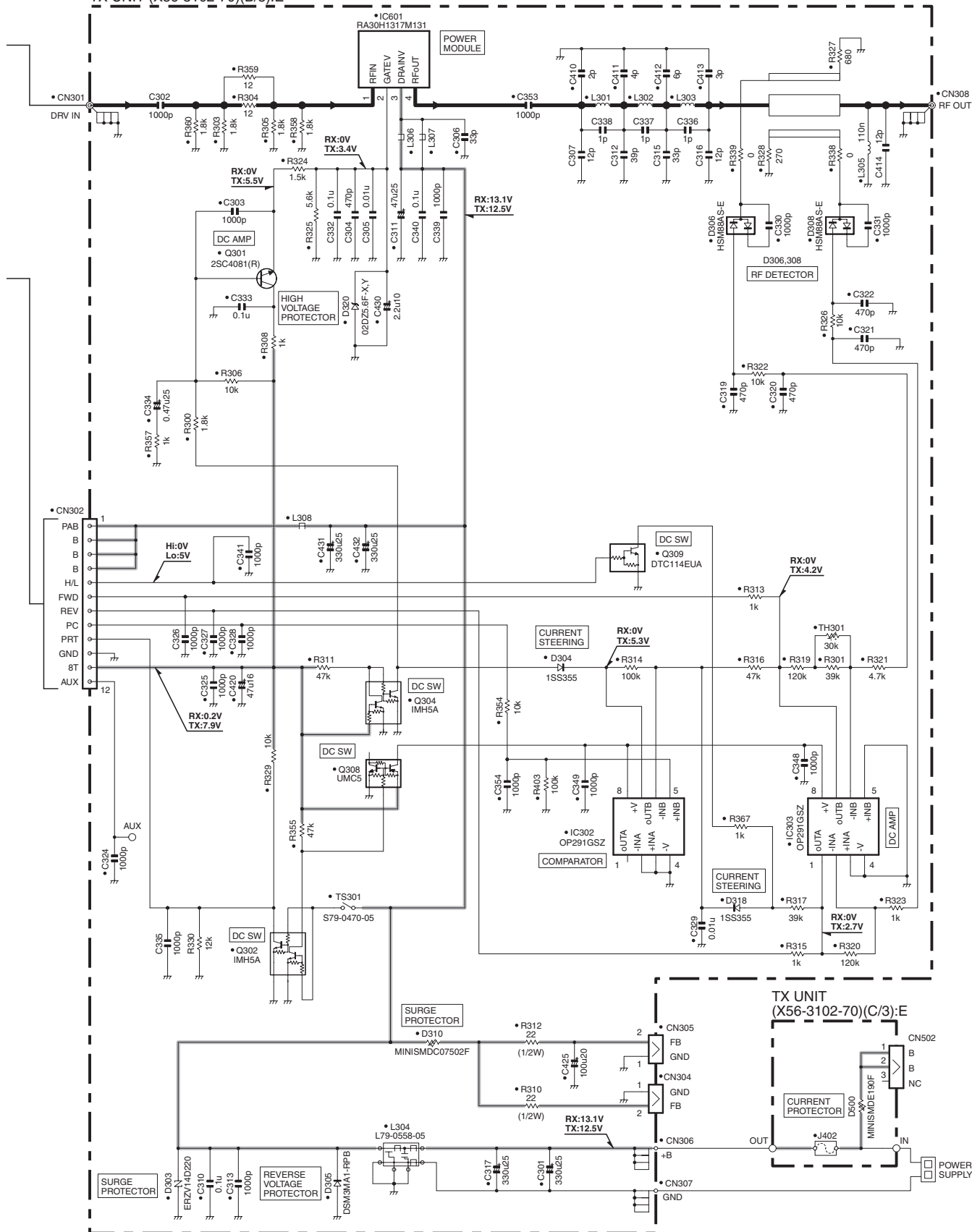
CONTROL UNIT (X53-4210-10)(A/4)-CN2

RX UNIT (X55-308X-XX)-CN7

SCHEMATIC DIAGRAM TKR-740

Note : The components marked with a dot (●) are parts of layer 1.

TX UNIT (X56-3102-70)(B/3):E



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SPECIFICATIONS (K, K2, K3 TYPE)

GENERAL

Frequency range	RX : 146~162 MHz:K, 158~174 MHz:K2, 136~150 MHz:K3 TX : 136~174 MHz
Input volta	13.8V DC negative ground
Temperature range	-22°F to +140°F (-30°C to +60°C)
Frequency stability	±0.00015% (-22°F to +140°F)
Antenna impedance	50Ω
Channel Spacing	Wide : 30 kHz, Narrow : 15 kHz (PLL channel stepping 2.5kHz, 5 kHz, 6.25 kHz)
Channels quantity	32
Duty cycle	100%
Dimensions (including protrusions)	19 in (483mm) W × 1-3/4 in (44mm) H × 12 in (305mm) D
Weight	8.8 lbs. (4kg)

RECEIVER

Sensitivity (EIA 12dB SINAD)	0.30μV
Selectivity	Wide : 95dB at ±30kHz Narrow : 89dB at ±15kHz 87dB at ±12.5kHz
Channel Frequency Spread	3 MHz
Spurious and image rejection	100 dB
Intermodulation	Wide : 90dB at ±30kHz/±60kHz Narrow : 85dB at ±15kHz/±30kHz
FM Hum and Noise	Wide : 60dB, Narrow : 55dB

TRANSMITTER

RF power output	5W
Channel Frequency Spread	38MHz
Type of Emiss	11K0F3E, 16K0F3E
Audio distortion	Less than 0.5% at 1000Hz
Spurious and emission	70dB
FM Noise	Wide : 55dB, Narrow : 50dB

KENWOOD follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

TKR-740

SPECIFICATIONS (E TYPE)

GENERAL

Frequency Range	RX : 158~174MHz, TX : 146~174MHz
Number of Channels	32
Channel Spacing	Wide : 20kHz, Narrow : 12.5kHz
PLL Channel Stepping	2.5kHz, 5kHz, 6.25kHz
Antenna Impedance	50Ω
Operating Voltage	13.2V DC (10.8 ~ 15.6V)
Current Drain	Standby : Less than 1.2A Receive : Less than 1.7A Transmit/Receive : Less than 8.0A
Duty Cycle	Receive : 100%, Transmit : 100%
Frequency Stability	±0.00015% (-22°F to +140°F)
Operating Temperature Range	-30°C to +60°C (-22°F to +140°F)
Dimensions (Including protrusions)	483 (19) W × 44 (1-3/4) H × 305 (12) D mm (inches)
Weight	4kg (8.8 lbs.)

RECEIVER (Measurements made per TIA/EIA-603, EN-086)

Sensitivity (EN 20dB SINAD)	0.50μV
Selectivity	Wide : 88dB (±20kHz), Narrow : 85dB (±12.5kHz)
Spurious Response Rejection	95dB
Intermodulation	80dB
FM Hum and Noise (EIA)	Wide : 58dB, Narrow : 55dB
Audio Output (Ext. Speaker)	4W at 4Ω less than 5% distortion
Audio Distortion (Ext. Speaker)	Less than 2% at 1000Hz
Band Spread	3MHz

TRANSMITTER (Measurements made per TIA/EIA-603, EN-086)

RF Power Output	25W adjustable to 5W
Spurious Emission	-36dBm ≤ 1GHz, -30dBm > 1GHz
Type of Emission	Wide : 14K0F3E, 12K0F2D, 12K0F1D Narrow : 8K50F3E, 7K50F2D
FM Hum and Noise (EIA)	Wide : 55dB, Narrow : 50dB
Audio Distortion (EIA)	Less than 0.5% at 1000Hz
Microphone Impedance	600Ω
Band Spread	28MHz
EXT Reference Sensitivity (10MHz, 50Ω)	-10dBm

KENWOOD follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

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Kenwood Electronics Deutschland GmbH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

Kenwood Electronics Belgium N.V.

Leuvensesteenweg 248 J, 1800 Vilvoorde, Belgium

Kenwood Electronics France S.A.

L'Etoile Paris Nord 2, 50 Allée des Impressionnistes, Bp 58416 Villepinte, 95944 Roissy Ch De Gaulle Cedex

Kenwood Electronics UK Limited

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Kenwood Electronics Italia S.p.A.

Via G. Sirtori, 7/9 20129 Milano, Italy

Kenwood Ibérica, S.A.

Bolivia, 239-08020 Barcelona, Spain

Kenwood Electronics Australia Pty. Ltd.

(A.C.N. 001 499 074)

16 Giffnock Avenue, Centrecourt Estate, North Ryde, N.S.W. 2113 Australia

Kenwood Electronics (Hong Kong) Ltd.

Unit 3712-3724, Level 37, Tower one Metroplaza, 223 Hing Fong Road, Kwai Fong, N.T., Hong Kong

Kenwood Electronics Singapore Pte Ltd

1 Ang Mo Kio Street 63, Singapore 569110

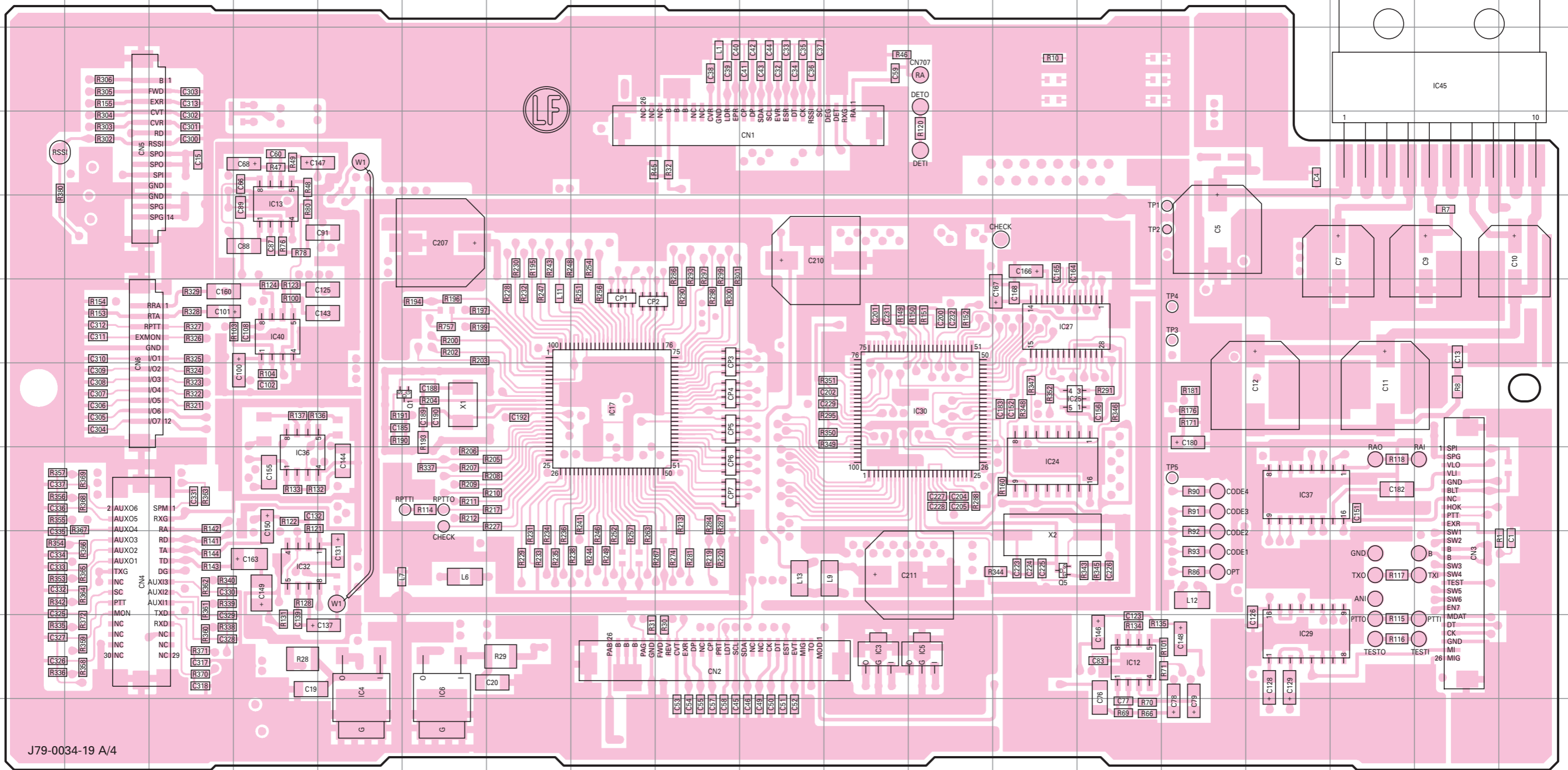


TKR-740 PC BOARD

PC BOARD TKR-740

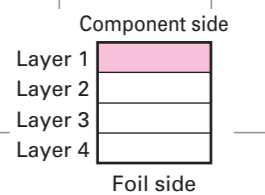
CONTROL UNIT (X53-4210-10) (A/4)
Component side view (J79-0034-19 A/4)

CONTROL UNIT (X53-4210-10) (A/4)
Component side view (J79-0034-19 A/4)



J79-0034-19 A/4

Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC3	10K	IC24	8M	IC37	8P
IC4	10E	IC25	7M	IC40	6D
IC5	10L	IC27	6M	IC45	3R
IC6	10F	IC29	10P	Q1	7F
IC12	10N	IC30	7L	Q5	9M
IC13	5D	IC32	9D		
IC17	7H	IC36	8D		

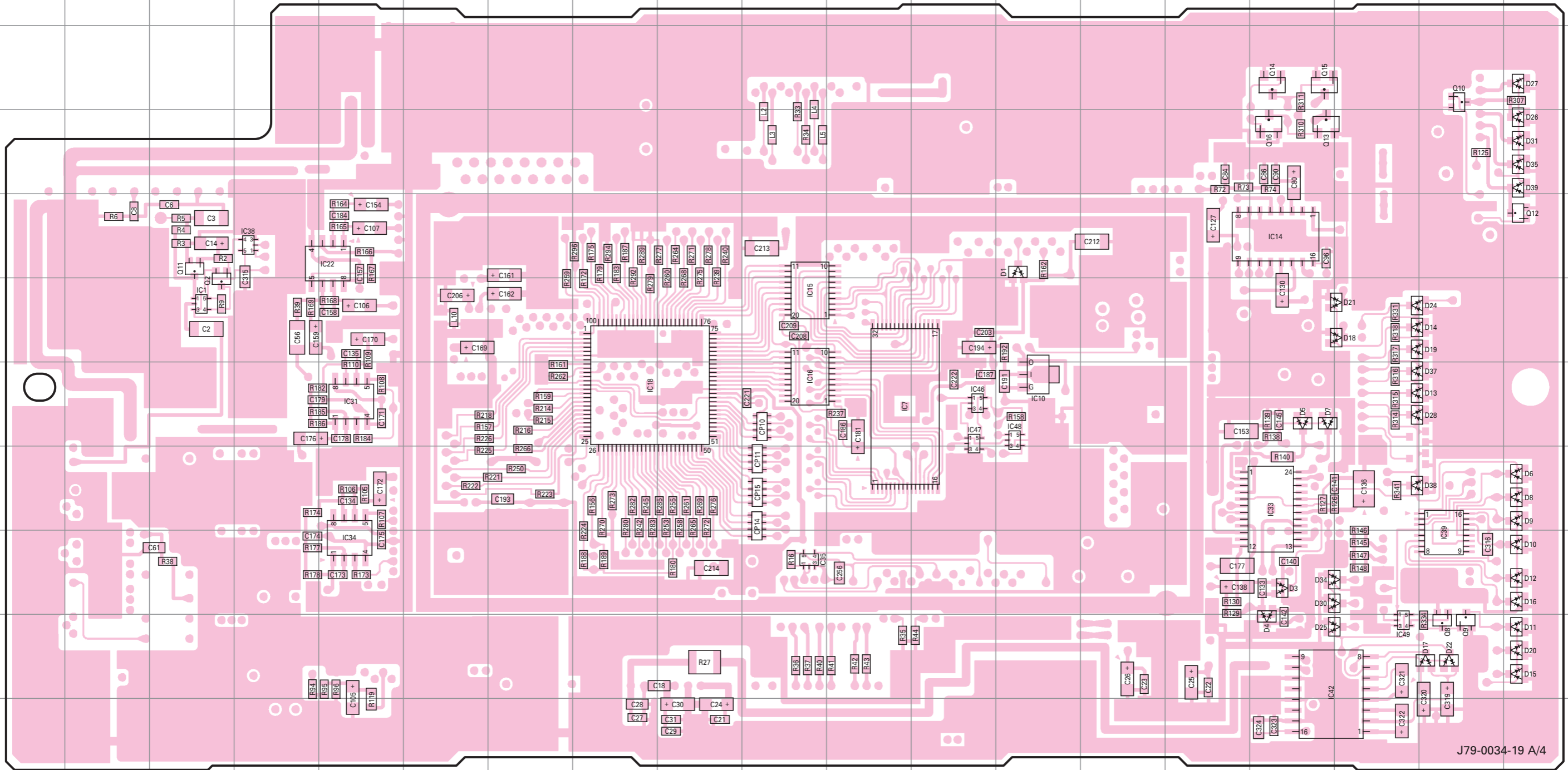


TKR-740 PC BOARD

PC BOARD TKR-740

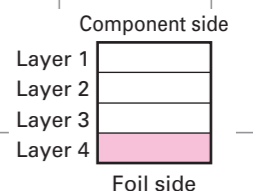
CONTROL UNIT (X53-4210-10) (A/4)
Foil side view (J79-0034-19 A/4)

CONTROL UNIT (X53-4210-10) (A/4)
Foil side view (J79-0034-19 A/4)



J79-0034-19 A/4

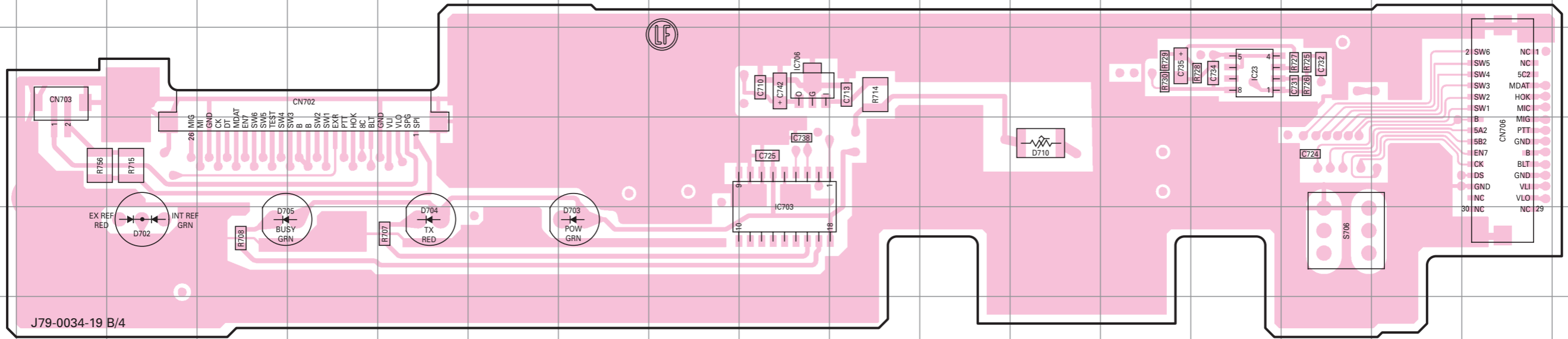
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC1	6C	IC22	5E	IC42	10P	Q9	10R	Q16	4P	D8	8S	D15	10S	D22	10R
IC7	7K	IC31	7E	IC46	7L	Q10	3R	D1	5M	D9	8S	D16	9S	D24	6Q
IC10	7M	IC33	8P	IC47	7L	Q11	5C	D3	9P	D10	9S	D17	10R	D25	10P
IC14	5P	IC34	9E	IC48	7M	Q12	5S	D4	10P	D11	10S	D18	6Q	D26	4S
IC15	6J	IC35	9J	IC49	10Q	Q13	4P	D5	7P	D12	9S	D19	6Q	D27	3S
IC16	7J	IC38	5D	Q2	6C	Q14	3P	D6	8S	D13	7Q	D20	10S	D28	7Q
IC18	7H	IC39	9R	Q8	10R	Q15	3P	D7	7P	D14	6Q	D21	6Q	D30	9P



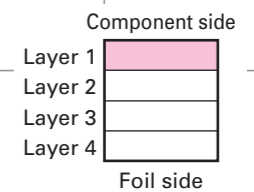
TKR-740 PC BOARD

PC BOARD TKR-740

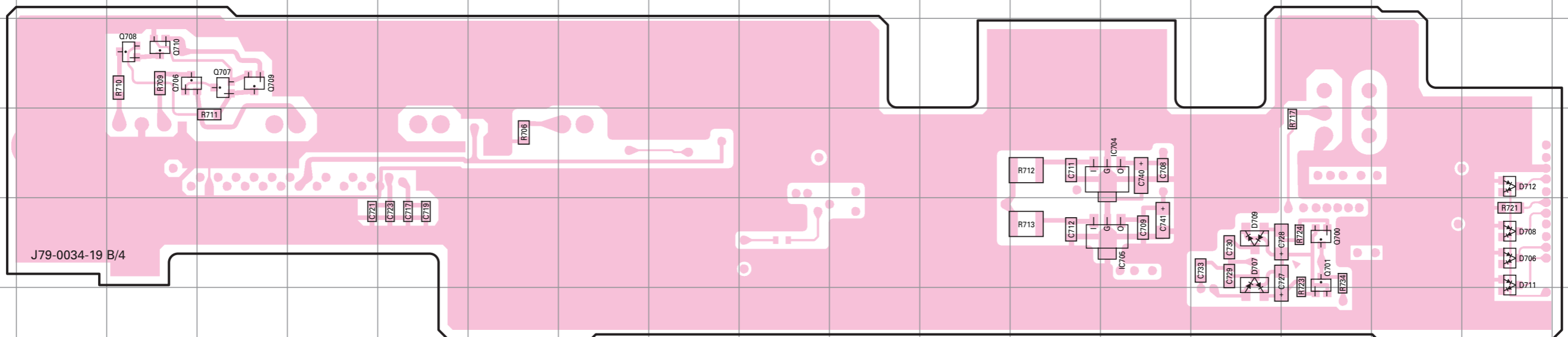
CONTROL UNIT (X53-4210-10) (B/4)
Component side view (J79-0034-19 B/4)



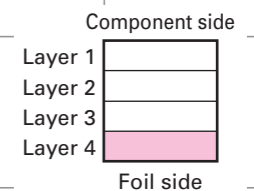
Ref. No.	Address	Ref. No.	Address
IC23	3O	D703	5H
IC703	4J	D704	5F
IC706	3J	D705	5D
D702	5C	D710	4M



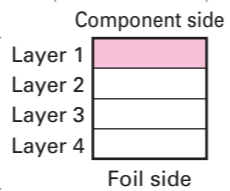
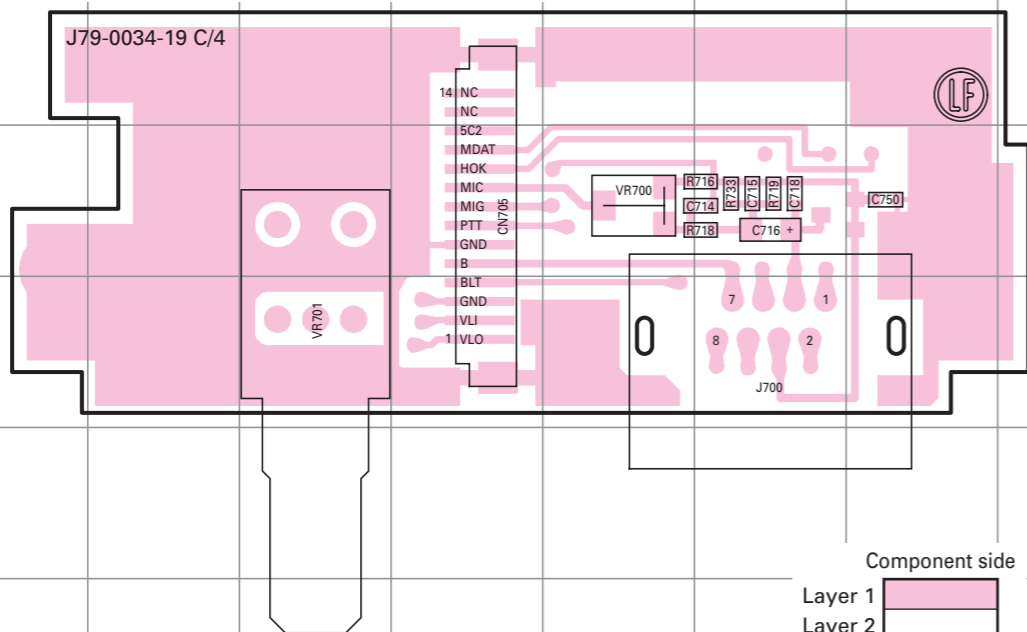
CONTROL UNIT (X53-4210-10) (B/4)
Foil side view (J79-0034-19 B/4)



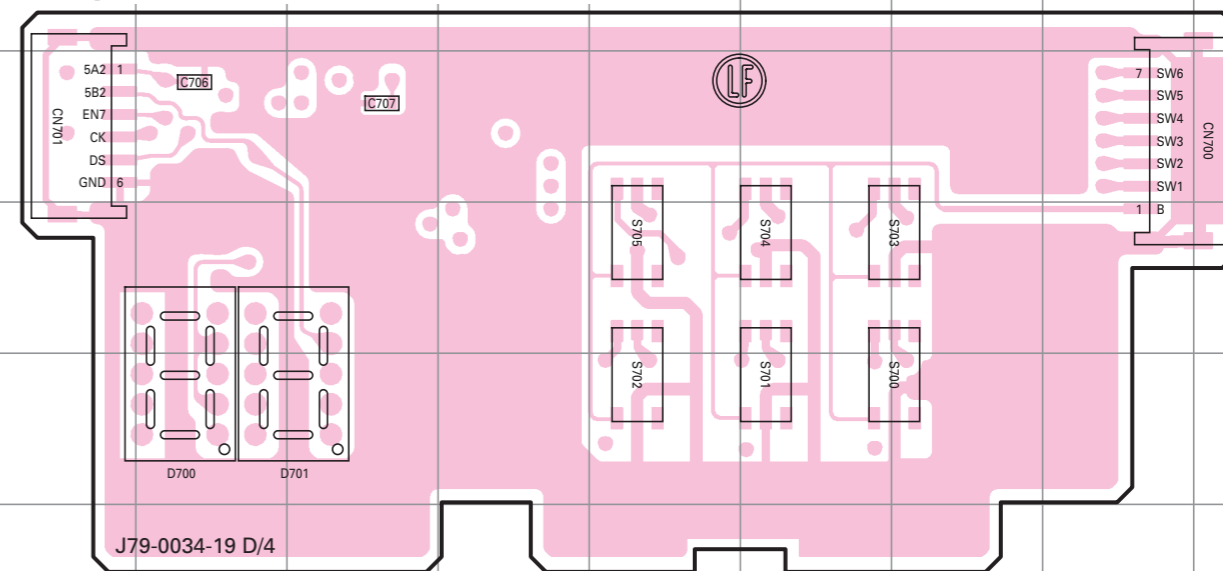
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC704	10N	Q706	9C	Q710	9C	D709	11O
IC705	11N	Q707	9D	D706	11R	D711	11R
Q700	11P	Q708	9C	D707	11O	D712	10R
Q701	11P	Q709	9D	D708	11R		



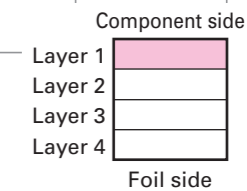
CONTROL UNIT (X53-4210-10) (C/4)
Component side view (J79-0034-19 C/4)



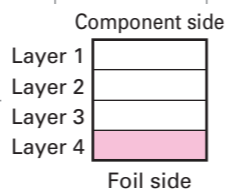
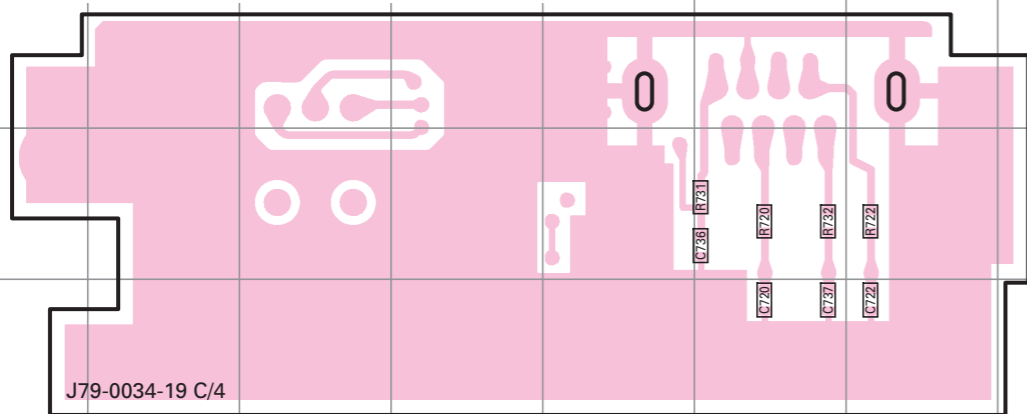
CONTROL UNIT (X53-4210-10) (D/4)
Component side view (J79-0034-19 D/4)



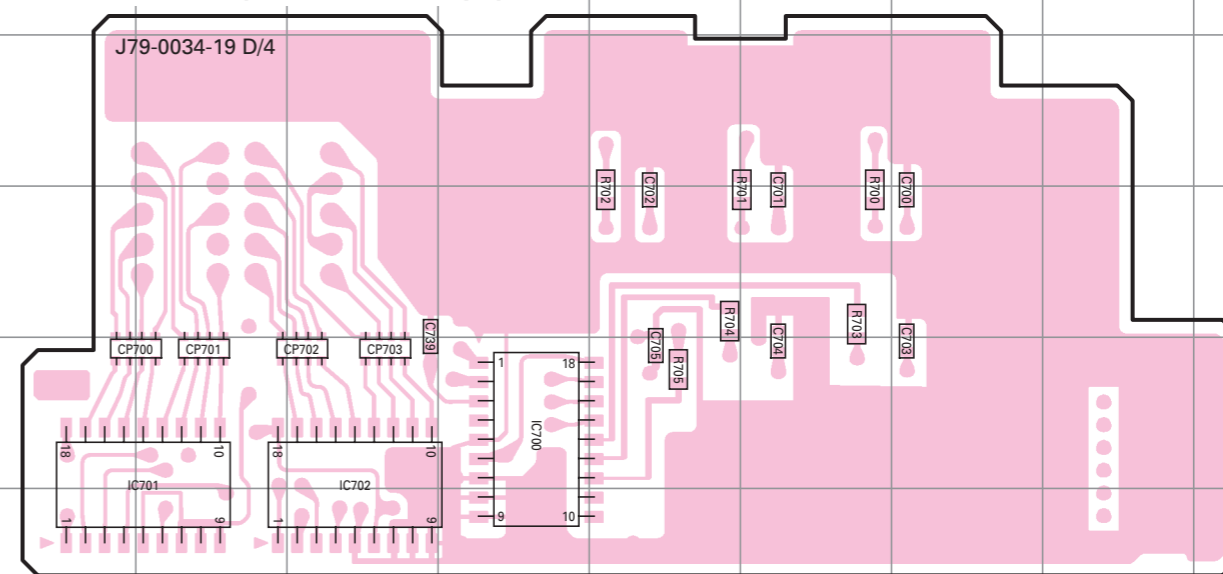
Ref. No.	Address
D700	5C
D701	5D



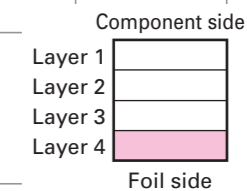
CONTROL UNIT (X53-4210-10) (C/4)
Foil side view (J79-0034-19 C/4)



CONTROL UNIT (X53-4210-10) (D/4)
Foil side view (J79-0034-19 D/4)



Ref. No.	Address
IC700	11E
IC701	11C
IC702	11D

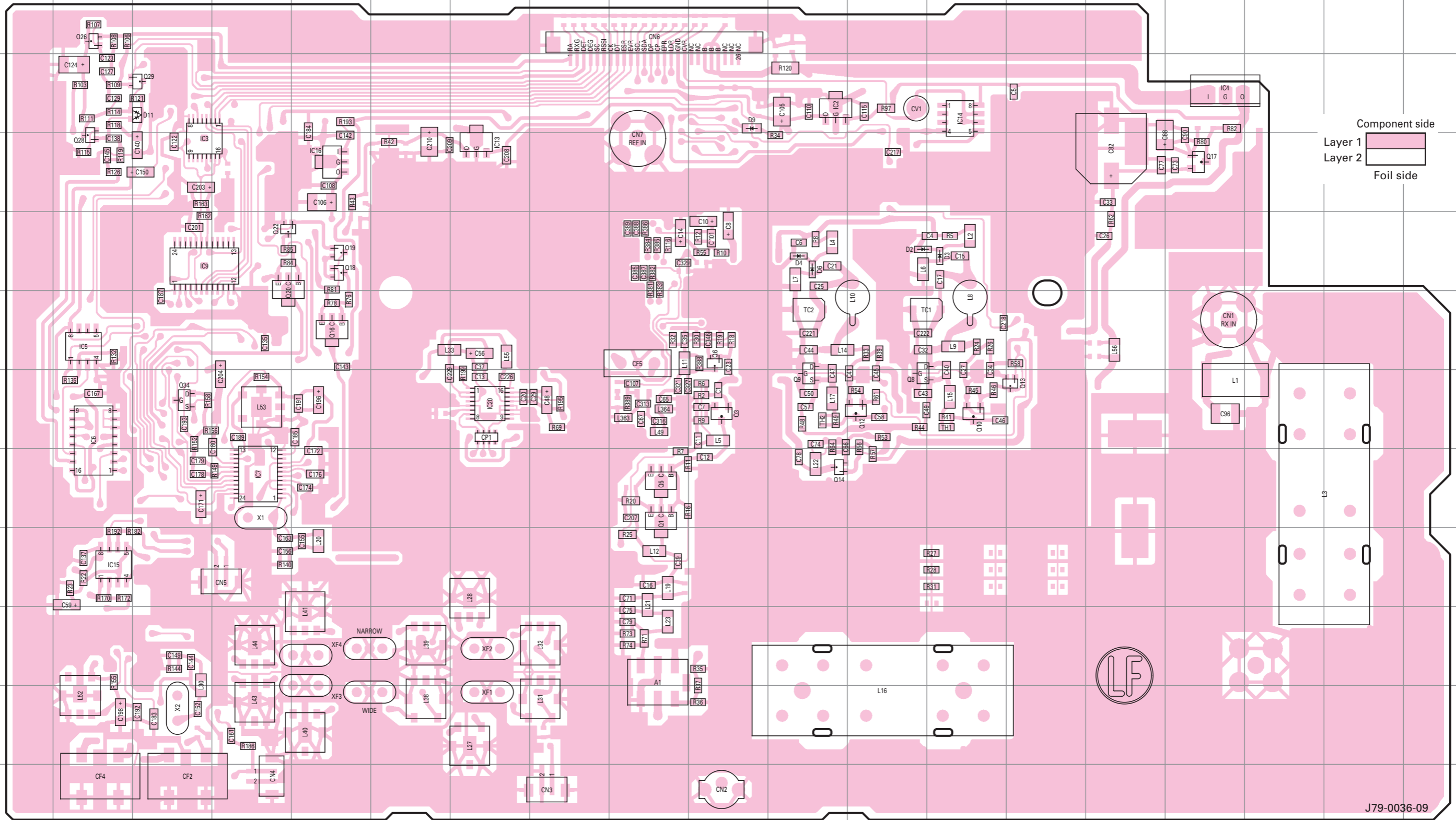


TKR-740 PC BOARD

PC BOARD TKR-740

RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
Component side view (J79-0036-09)

RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
Component side view (J79-0036-09)



Component side
Layer 1
Layer 2
Foil side

J79-0036-09

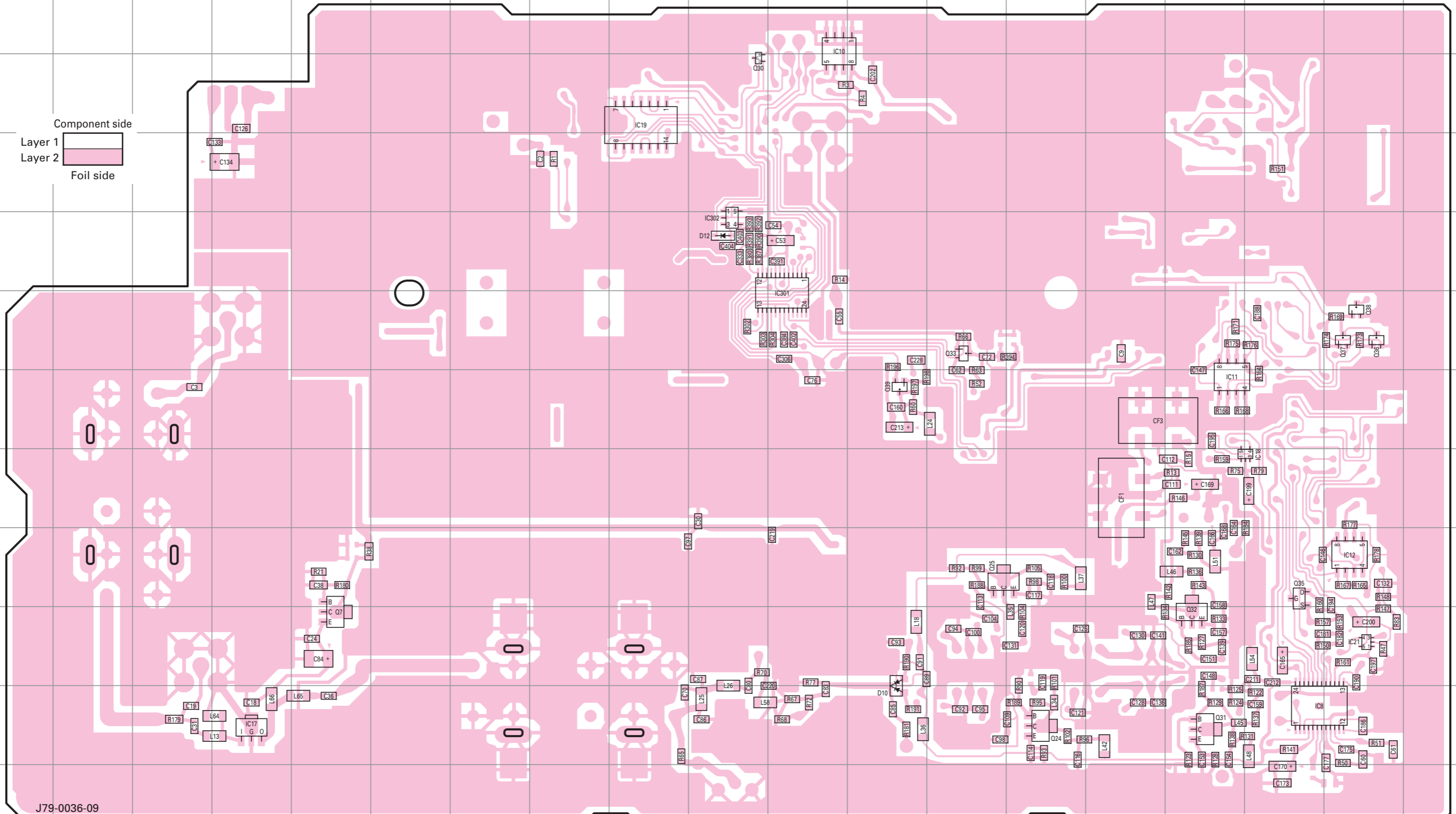
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address		
IC2	3K	IC6	7B	IC14	3M	Q1	8I	Q8	7L	Q13	7N	Q18	5E	Q26	2B	D2	5L	D9	3J
IC3	4C	IC7	8D	IC15	9B	Q3	7J	Q9	7K	Q14	8K	Q19	5E	Q28	4B	D3	5M	D11	3C
IC4	3P	IC9	5C	IC16	4E	Q5	8I	Q10	7M	Q16	6E	Q20	6D	Q29	3C	D4	5K		
IC5	6B	IC13	4G	IC20	7G	Q6	6J	Q12	7L	Q17	4P	Q22	5D	Q34	7C	D6	5K		

TKR-740 PC BOARD

PC BOARD TKR-740

RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
Foil side view (J79-0036-09)

RX UNIT (X55-308X-XX) 0-11 : K 0-12 : K3 2-71 : K2,E
Foil side view (J79-0036-09)



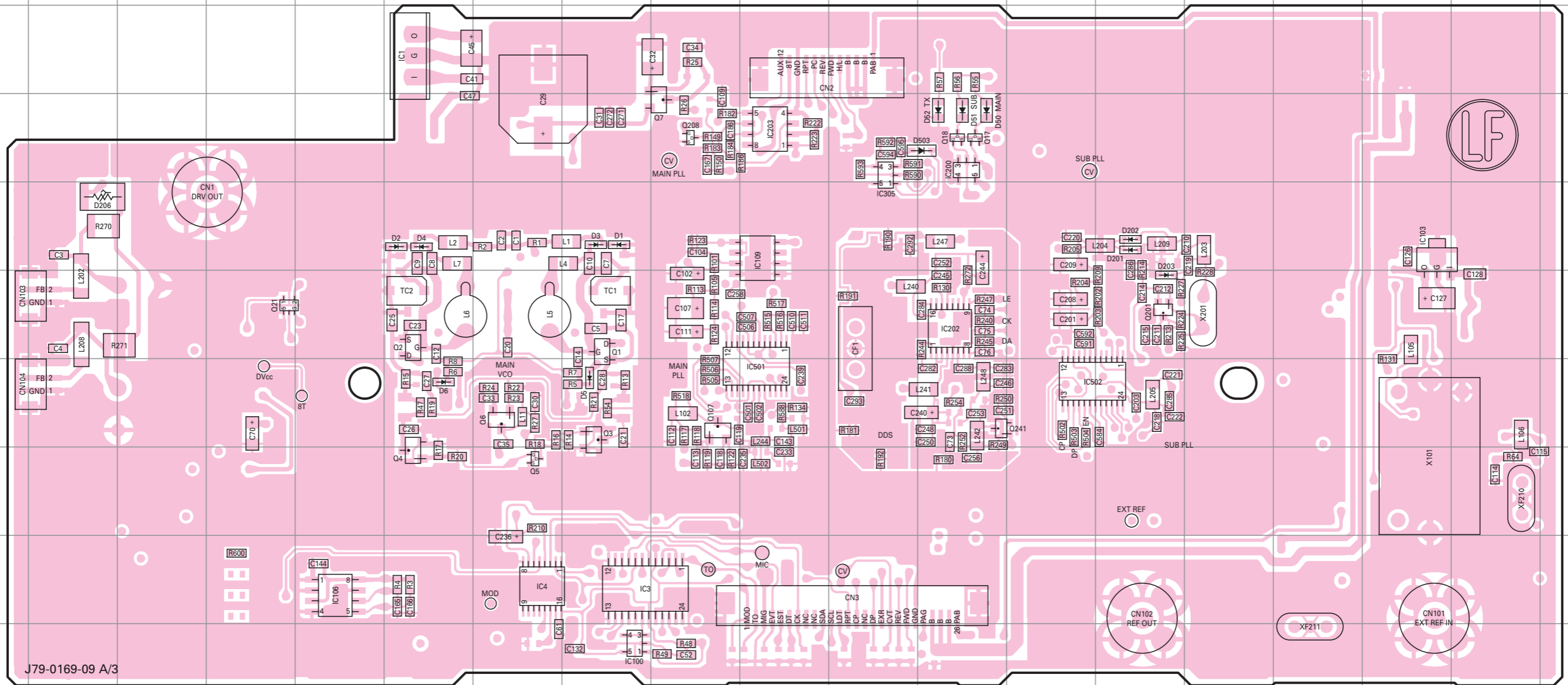
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC8	11Q	IC17	11D	IC301	6K	Q25	9M	Q33	6M	Q38	6R
IC10	2K	IC18	8Q	IC302	5J	Q30	3J	Q35	9Q	Q39	7L
IC11	7P	IC19	3I	Q7	10E	Q31	11P	Q36	6R	D10	11L
IC12	9R	IC21	10R	Q24	11N	Q32	10P	Q37	6R	D12	5J

TKR-740 PC BOARD

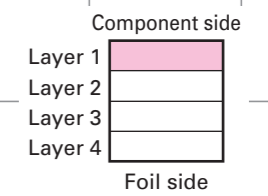
PC BOARD TKR-740

TX UNIT (X56-3140-10) (A/3) : K,K2,K3
Component side view (J79-0169-09 A/3)

TX UNIT (X56-3140-10) (A/3) : K,K2,K3
Component side view (J79-0169-09 A/3)

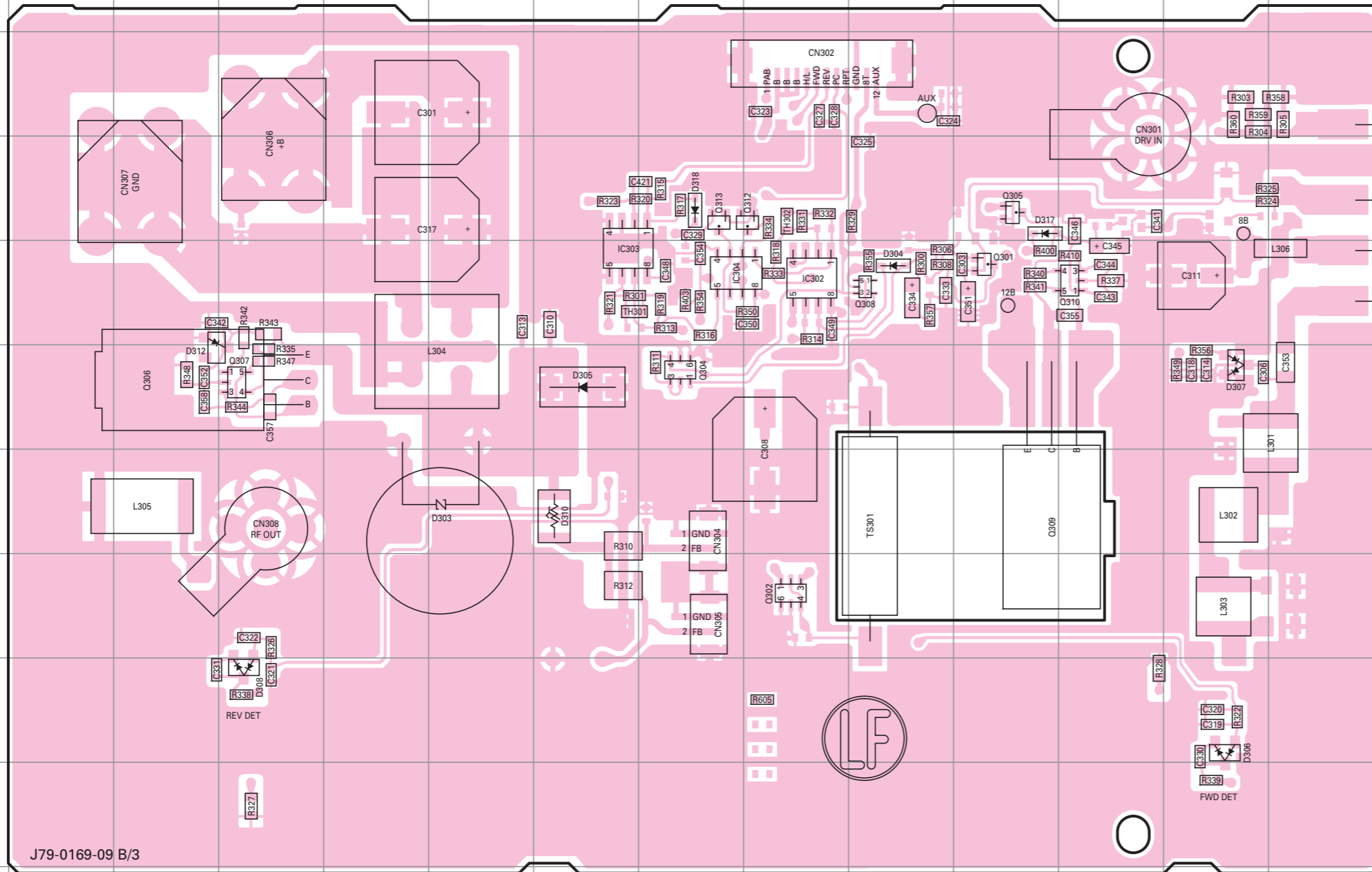


Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC1	3F	IC200	4L	Q2	6F	Q18	4L	D2	5F	D52	4L
IC3	9H	IC202	6L	Q3	7H	Q21	6D	D3	5H	D201	5N
IC4	9G	IC203	4J	Q4	8F	Q107	7I	D4	5F	D202	5N
IC100	10H	IC305	4K	Q5	8G	Q201	6N	D5	7H	D203	6N
IC103	5Q	IC501	7J	Q6	7G	Q208	4I	D6	7F	D206	5B
IC106	9E	IC502	7M	Q7	4I	Q241	7L	D50	4L	D503	4L
IC109	5J	Q1	6H	Q17	4L	D1	5H	D51	4L		



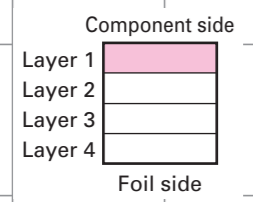
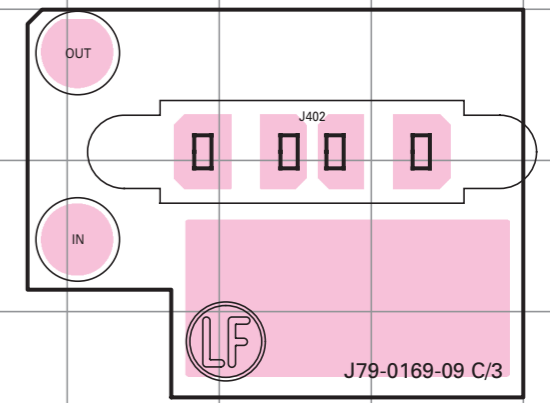
TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Component side view (J79-0169-09 B/3)

TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Component side view (J79-0169-09 B/3)



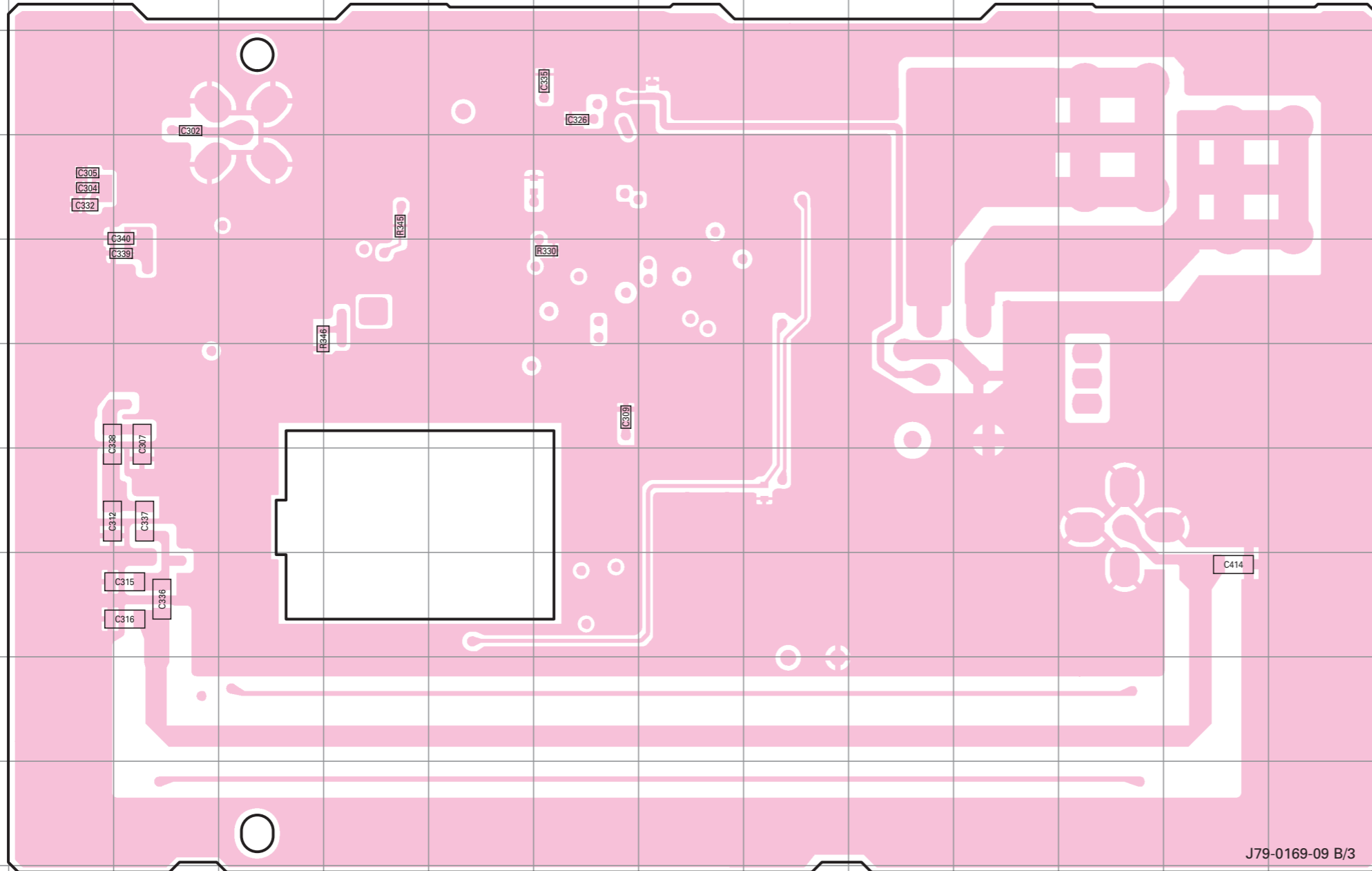
Ref. No.	Address
IC302	5I
IC303	5G
IC304	5H
IC601	4O
Q301	4K
Q302	8I
Q304	6H
Q305	4K
Q306	6C
Q307	6D
Q308	5J
Q309	7K
Q310	5L
Q312	4I
Q313	4H
D303	7F
D304	5J
D305	6G
D306	9M
D307	6M
D308	9D
D310	7G
D312	6C
D317	4K
D318	4H

TX UNIT (X56-3140-10) (C/3) : K,K2,K3
Component side view (J79-0169-09 C/3)



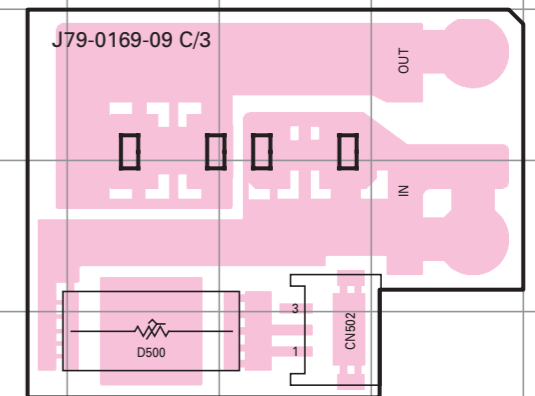
**TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Foil side view (J79-0169-09 B/3)**

**TX UNIT (X56-3140-10) (B/3) : K,K2,K3
Foil side view (J79-0169-09 B/3)**

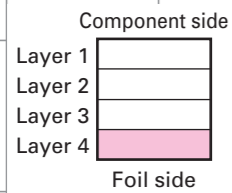


J79-0169-09 B/3

**TX UNIT (X56-3140-10) (C/3) : K,K2,K3
Foil side view
(J79-0169-09 C/3)**

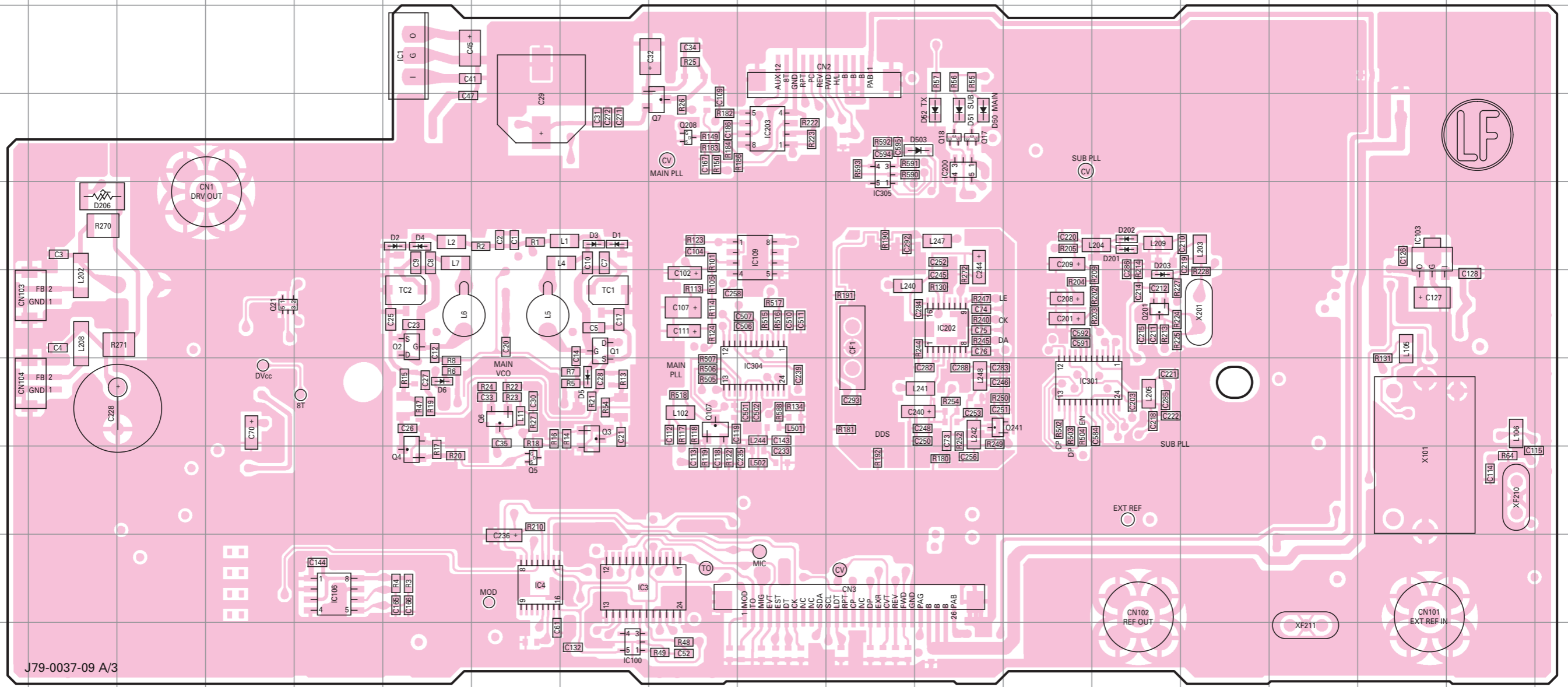


Ref. No.	Address
D500	13P

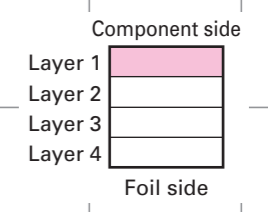


TX UNIT (X56-3102-70) (A/3) : E
Component side view (J79-0037-09 A/3)

TX UNIT (X56-3102-70) (A/3) : E
Component side view (J79-0037-09 A/3)



Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC1	3F	IC200	4L	Q2	6F	Q18	4L	D2	5F	D52	4L
IC3	9H	IC202	6L	Q3	7H	Q21	6D	D3	5H	D201	5N
IC4	9G	IC203	4J	Q4	8F	Q107	7I	D4	5F	D202	5N
IC100	10H	IC301	7M	Q5	8G	Q201	6N	D5	7H	D203	6N
IC103	5Q	IC304	7J	Q6	7G	Q208	4I	D6	7F	D206	5B
IC106	9E	IC305	4K	Q7	4I	Q241	7L	D50	4L	D503	4L
IC109	5J	Q1	6H	Q17	4L	D1	5H	D51	4L		

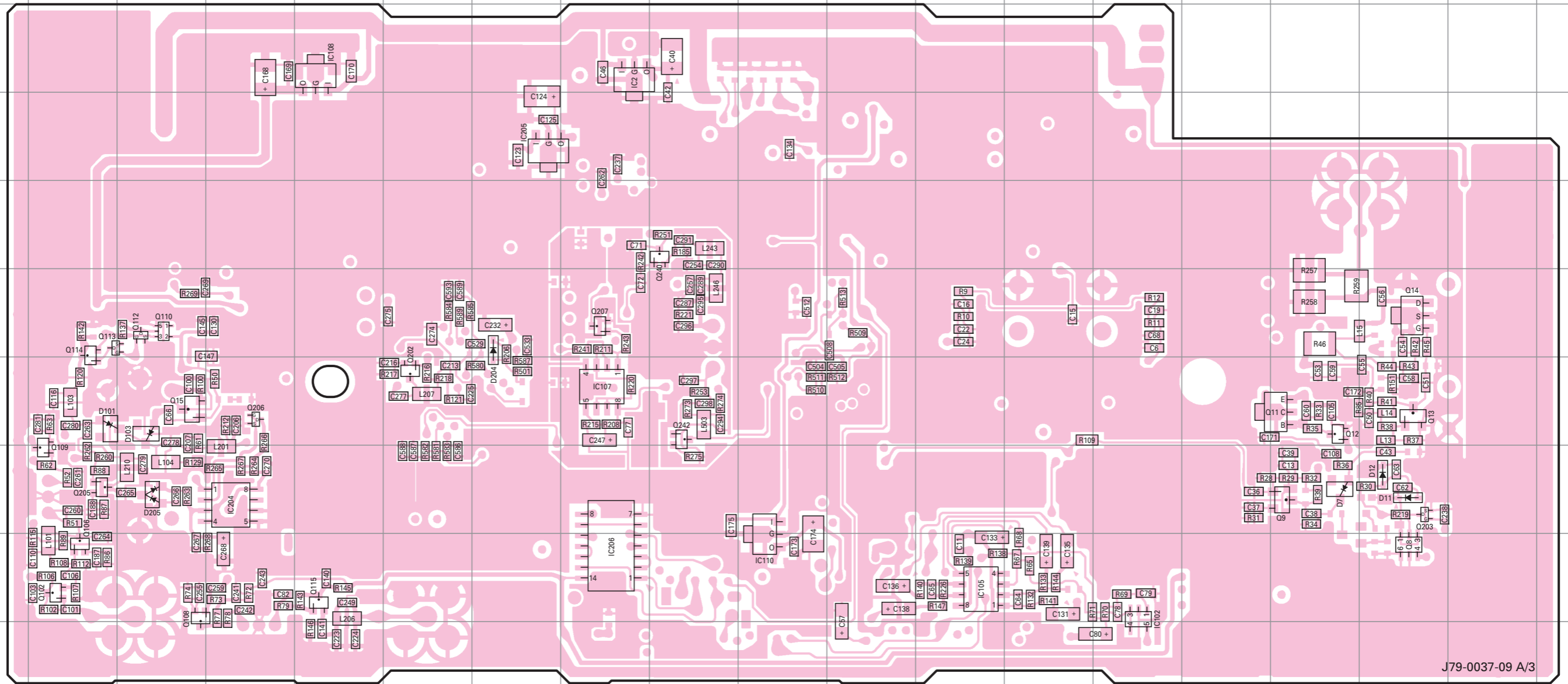


TKR-740 PC BOARD

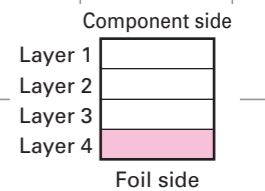
PC BOARD TKR-740

TX UNIT (X56-3102-70) (A/3) : E
Foil side view (J79-0037-09 A/3)

TX UNIT (X56-3102-70) (A/3) : E
Foil side view (J79-0037-09 A/3)

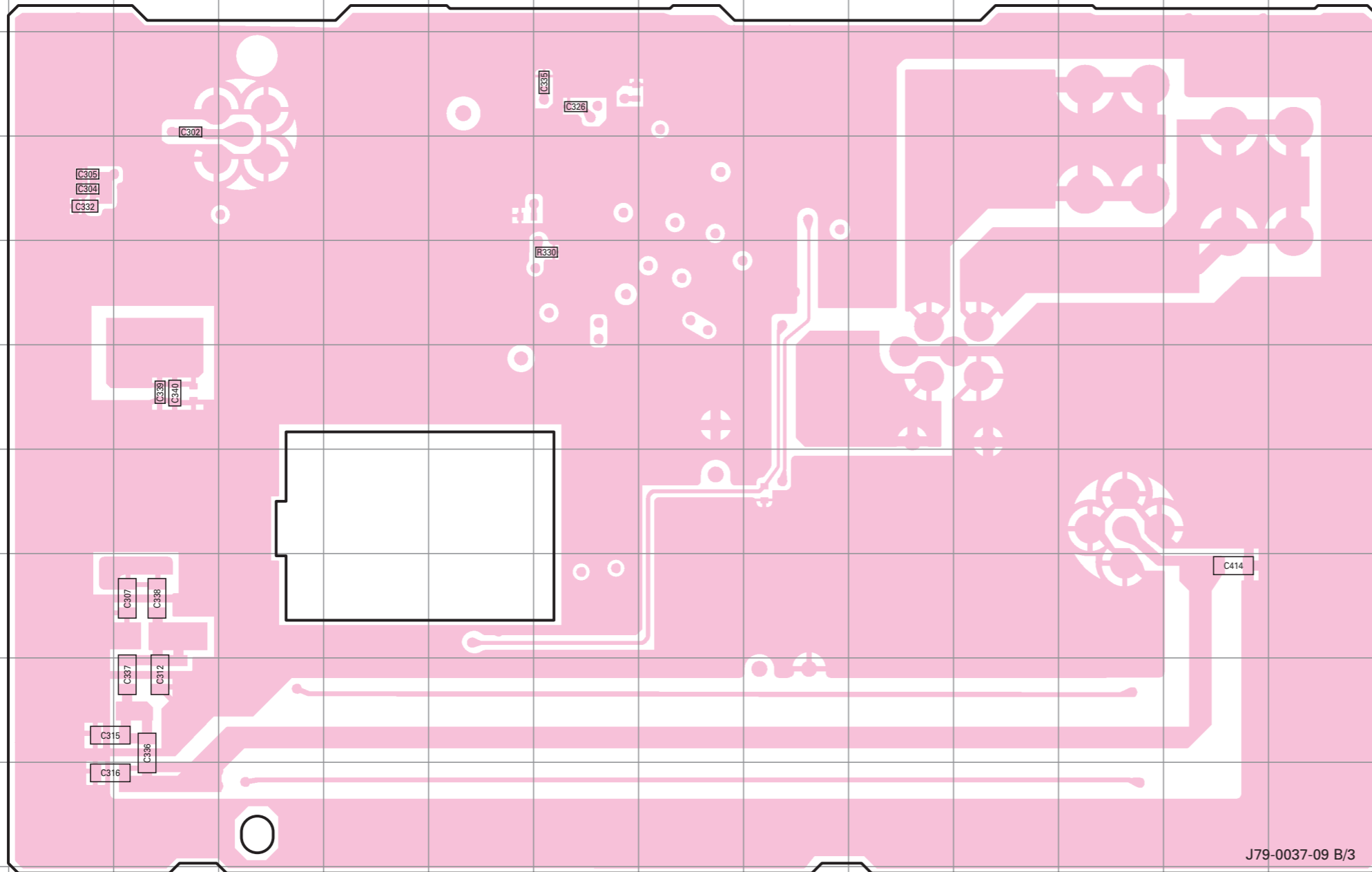


Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC2	3H	IC205	4G	Q14	6Q	Q112	6C	Q206	7D	D101	7B
IC102	9N	IC206	9H	Q15	7C	Q113	6B	Q207	6H	D103	7C
IC105	9L	Q8	9Q	Q102	9B	Q114	6B	Q240	5I	D204	6G
IC107	7H	Q9	8P	Q106	9B	Q115	9E	Q242	7I	D205	8C
IC108	3E	Q11	7P	Q108	9C	Q202	7F	D7	8P		
IC110	9J	Q12	7P	Q109	8B	Q203	8Q	D11	8Q		
IC204	8D	Q13	7Q	Q110	6C	Q205	8B	D12	8Q		

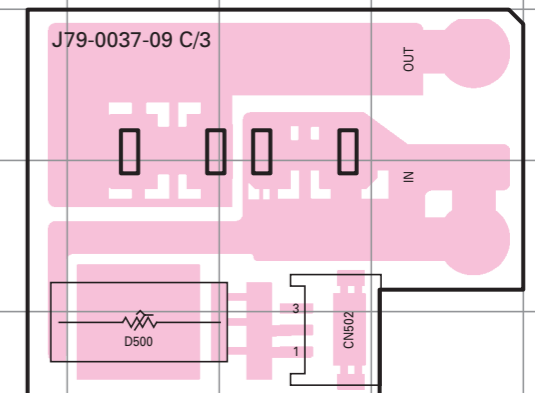


TX UNIT (X56-3102-70) (B/3) : E
Foil side view (J79-0037-09 B/3)

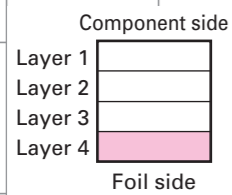
TX UNIT (X56-3102-70) (B/3) : E
Foil side view (J79-0037-09 B/3)



TX UNIT (X56-3102-70) (C/3) : E
Foil side view
(J79-0037-09 C/3)

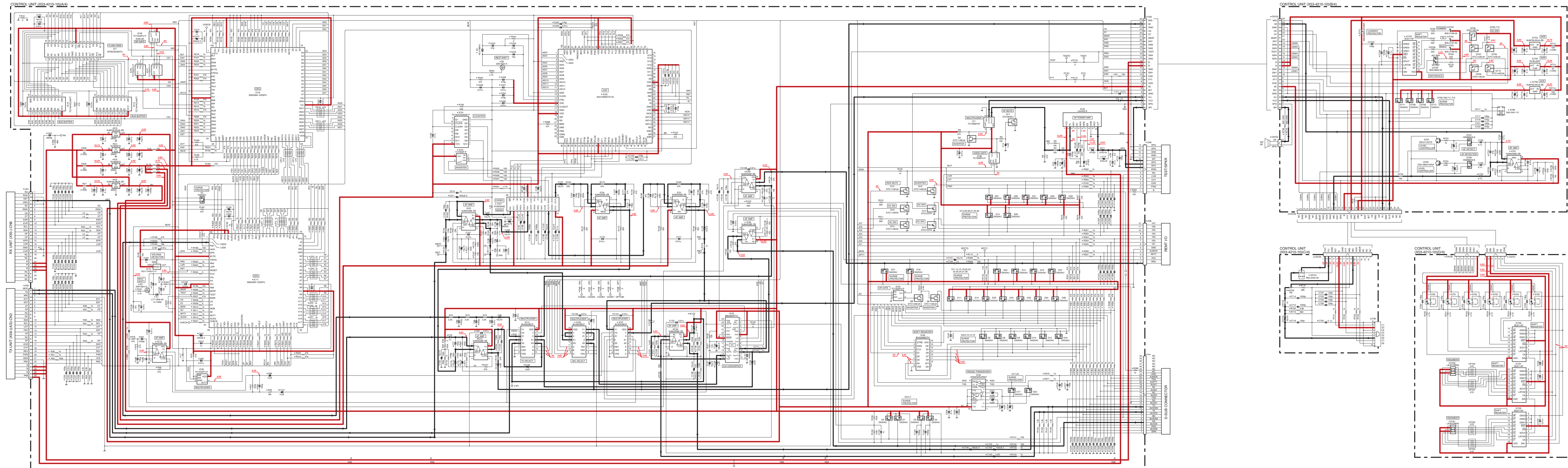


Ref. No.	Address
D500	13P

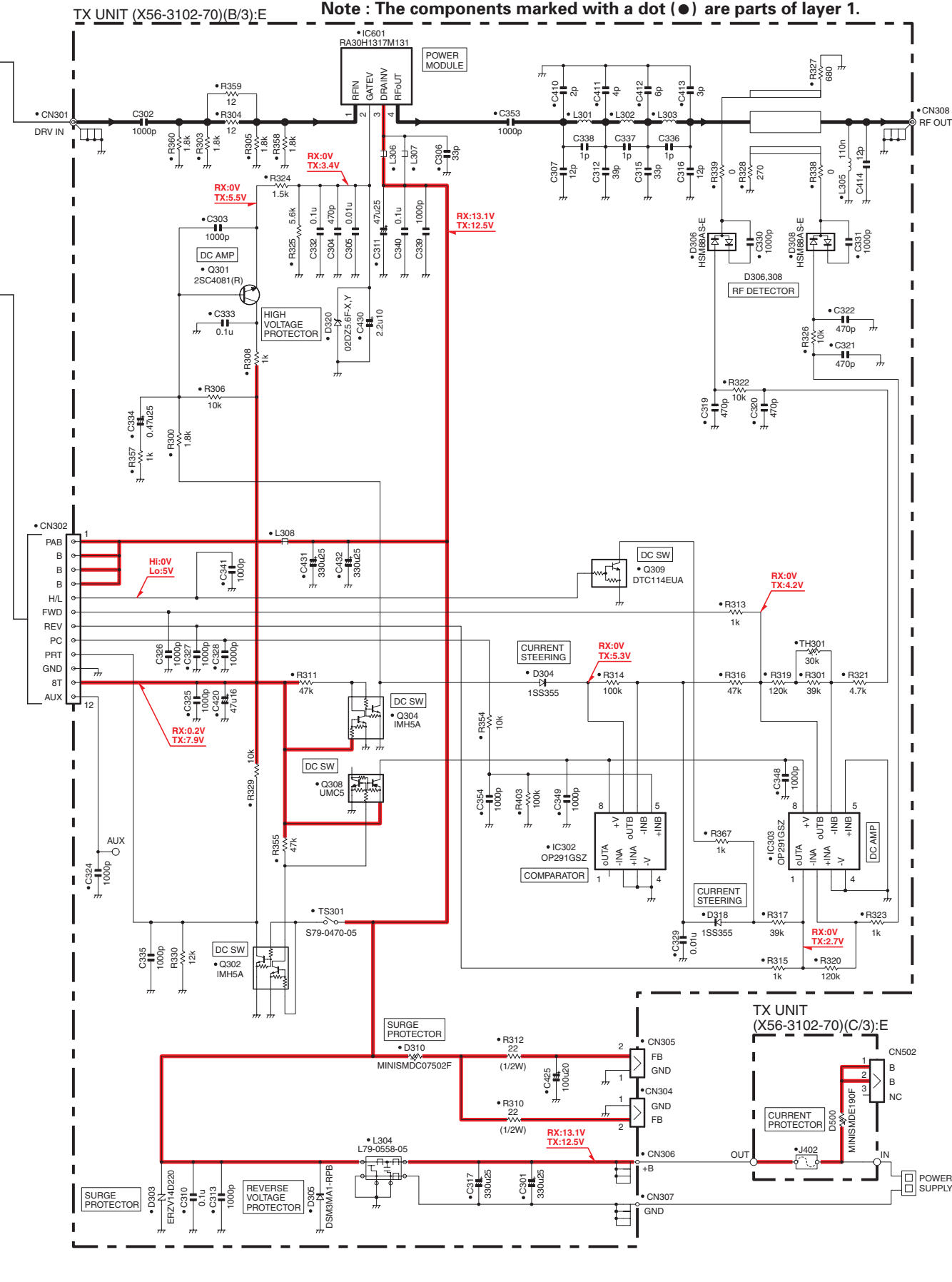
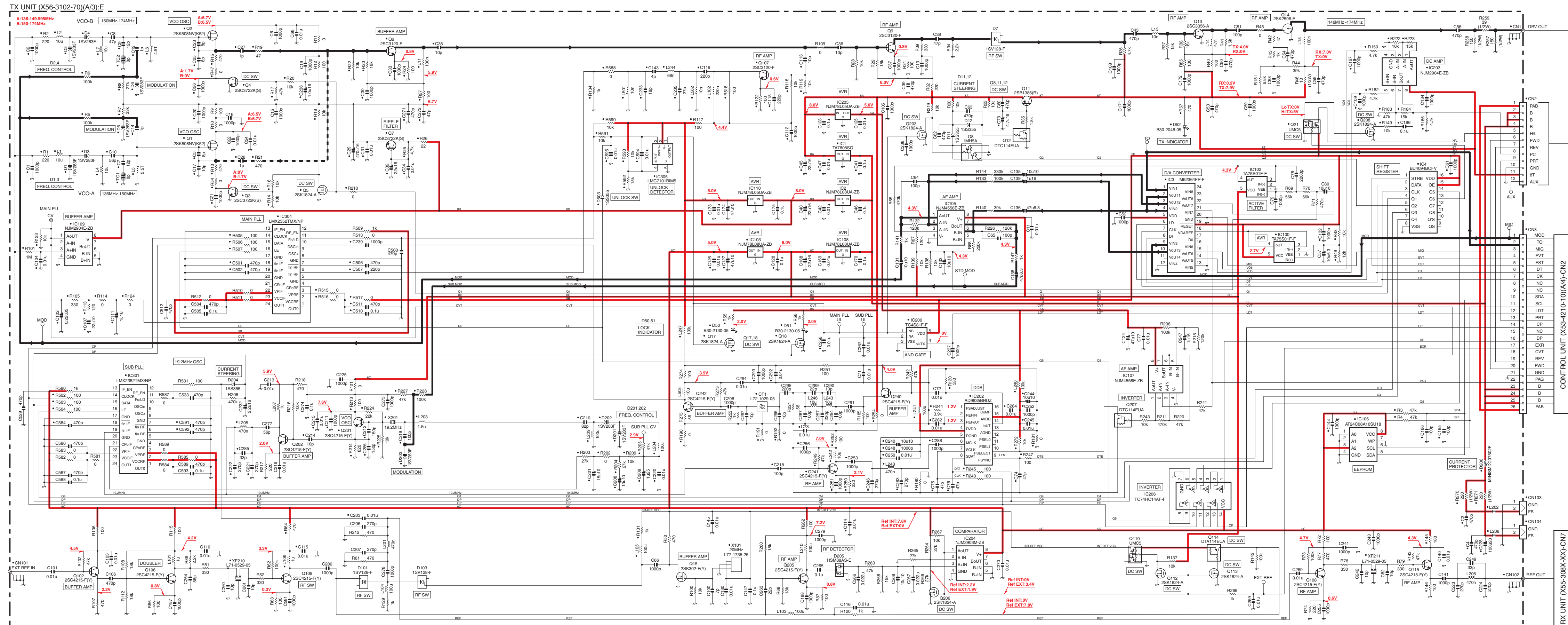


TKR-740 SCHEMATIC DIAGRAM

Note : The components marked with a dot (●) are parts of layer 1.

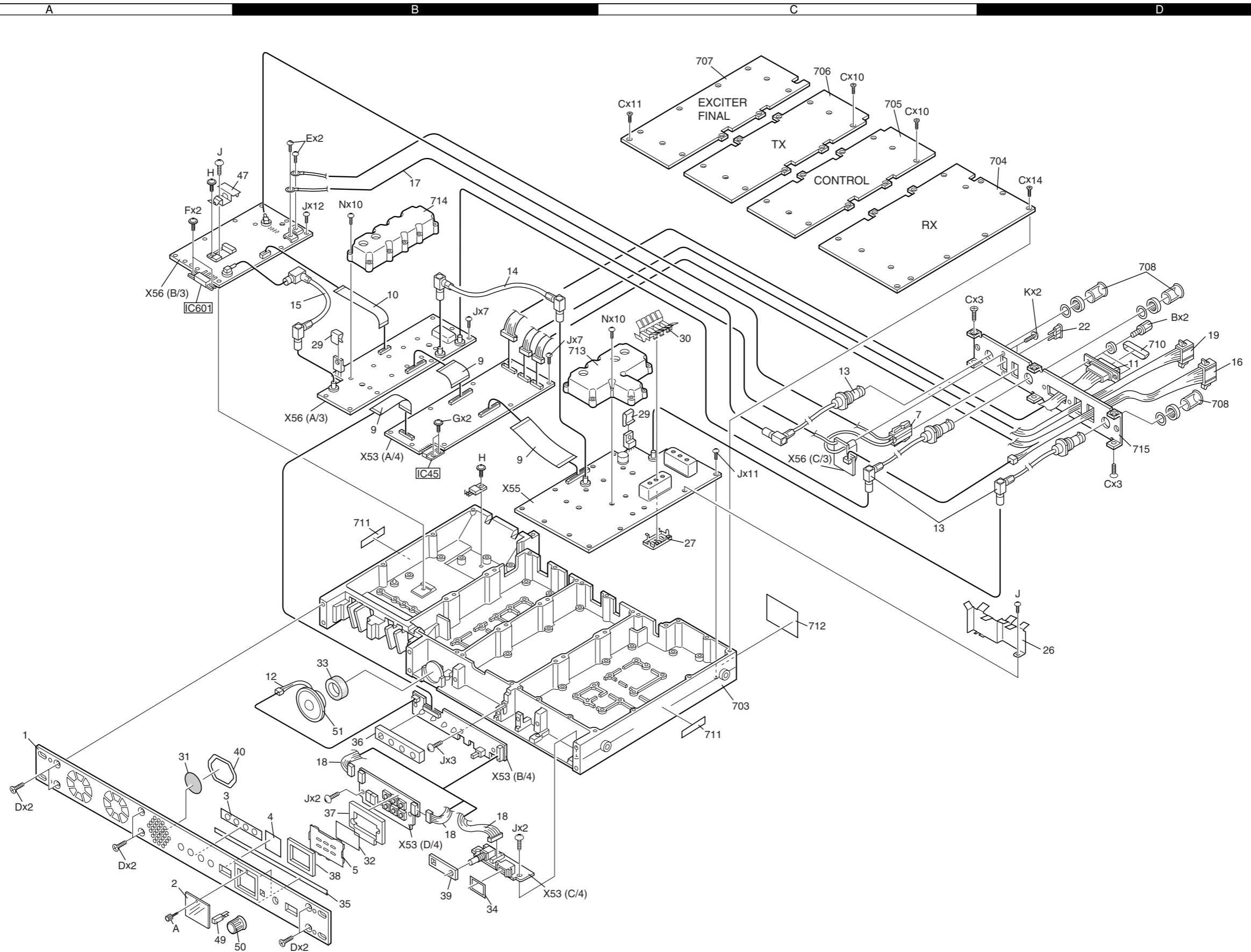


TKR-740 SCHEMATIC DIAGRAM



EXPLODED VIEW (K, K2, K3 TYPE)

EXPLODED VIEW (K, K2, K3 TYPE)



EXPLODED VIEW (E TYPE)

EXPLODED VIEW (E TYPE)

