

VHF FM TRANSCEIVER

TK-790/790(B)

TK-790H(B)

SERVICE MANUAL **SUPPLEMENT II**

KENWOOD

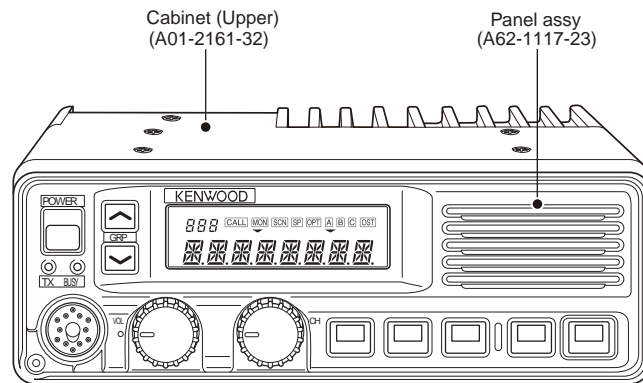
Kenwood Corporation

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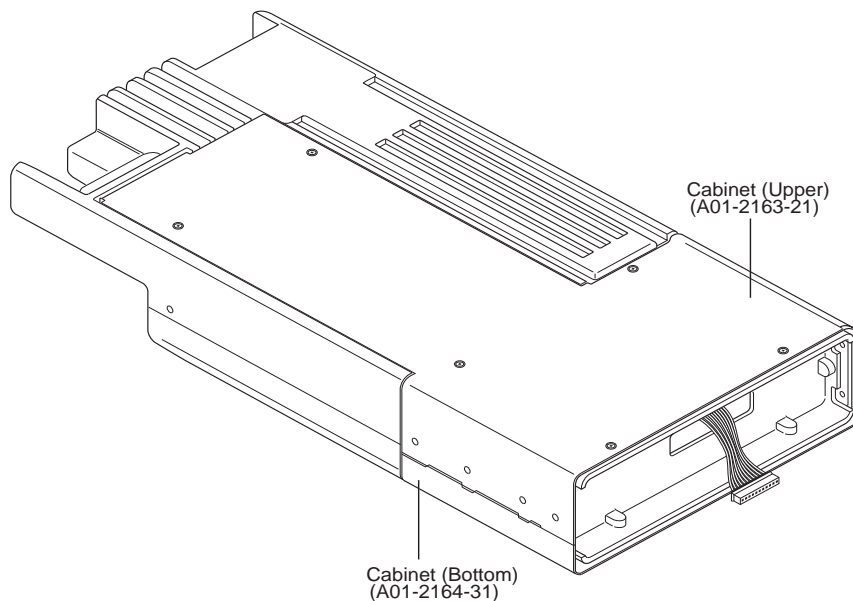
This service manual (B51-8935-00) has been revised due to the modification of the PC board and issues it as a supplemental manual.

This service manual applies to products with 003xxxxx (TK-790), 00200271 (TK-790(B)), 00200181 (TK-790H(B)), or subsequent serial numbers. Refer to the TK-790 series service manual for any information which has not been covered in this manual.

TK-790 or TK-790(B) with KCH-10



TK-790H(B)



TK-790/(B), TK-790H(B)

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GENERAL

SERVICE MANUAL LIST

Title	Part number	Remarks	Unit number	PCB number
TK-790/(B) TK-790H(B)	B51-8438-00		X45-3560-10 X54-3190-20 (KCH-10) X54-3200-20 (KCH-11) X57-5610-XX	J72-0568-02 J72-0561-02 J72-0562-02 J72-0567-12
TK-790(B)	B51-8756-00	SUPPLEMENT	X57-5610-XX	J72-0567-12
TK-790/(B) TK-790H(B)	B51-8438-10	REVISED	X45-3560-10 X54-3190-20 (KCH-10) X54-3200-20 (KCH-11) X57-5610-XX	J72-0568-02 J72-0561-22 J72-0562-12 J72-0567-42
TK-790H(B)	B51-8718-00	SUPPLEMENT PDF ONLY	X45-3560-10	J72-0568-12
TK-790/(B) TK-790H(B)	B51-8769-00	SUPPLEMENT PDF ONLY	X45-3560-10 X57-5610-10 (A/3,C/3) X57-5610-12 (A/3)	J79-0032-09 J72-0990-09 J72-0567-52
TK-790/(B) TK-790H(B)	B51-8935-00	SUPPLEMENT II This service manual PDF ONLY	X57-5610-10 (A/3,B/3,C/3) X57-5610-12 (A/3,B/3)	J72-0990-29 J72-0990-29

DISASSEMBLY FOR REPAIR

Compatibility information

There is important notice when you replace the TX-RX unit A/3 because there is compatibility issue with the circuit modification for new PLL IC. If you need to change the RX-TX unit A/3 from OLD to NEW, please update the firmware.

The firmware modification has already been applied from S/N. 002xxxxx~ in advance, as there are compatibility issues for both old and new units.

Compatibility Chart		Firmware	
		OLD	NEW
		Check sum "DA47" or earlier version	Check sum "2FB1" or later version
TX-RX Unit A/3	OLD : (PLL IC : SA7025 or CD8468)	Available	Available
	NEW : (PLL IC : LMX2485E)	NOT available Causes unlock condition	Available
TX-RX Unit B/3, C/3	No modification	Available	Available

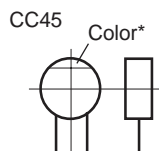
TK-790/(B), TK-790H(B)

PARTS LIST

CAPACITORS

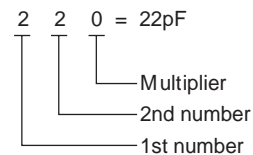
CC $\frac{45}{1}$ $\frac{TH}{2}$ $\frac{1H}{3}$ $\frac{220}{4}$ $\frac{J}{5}$ $\frac{6}{6}$

- 1 = Type ... ceramic, electrolytic, etc.
- 2 = Shape ... round, square, etc.
- 3 = Temp. coefficient
- 4 = Voltage rating
- 5 = Value
- 6 = Tolerance



• Capacitor value

- 010 = 1pF
- 100 = 10pF
- 101 = 100pF
- 102 = 1000pF = 0.001 μF
- 103 = 0.01 μF



• Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

• Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40	+80	+100	More than 10 μF : -10~+50
							-20	-20	-0	Less than 4.7μF : -10~+75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

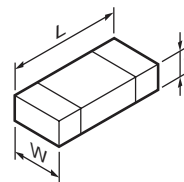
• Voltage rating

2nd word	A	B	C	D	E	F	G	H	J	K	V
1st word											
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	-
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	2150	4000	5000	6300	8000	-

• Chip capacitors

- (EX) CC $\frac{73}{1}$ $\frac{F}{2}$ $\frac{SL}{3}$ $\frac{1H}{4}$ $\frac{000}{5}$ $\frac{J}{6}$ $\frac{7}{7}$ → Refer to the table above.
- (EX) CK $\frac{73}{1}$ $\frac{F}{2}$ $\frac{F}{3}$ $\frac{1H}{4}$ $\frac{000}{5}$ $\frac{Z}{6}$ $\frac{7}{7}$ →
- 1 = Type
 - 2 = Shape
 - 3 = Dimension
 - 4 = Temp. coefficient
 - 5 = Voltage rating
 - 6 = Value
 - 7 = Tolerance
- (Chip) (CH, RH, UJ, SL)
- (Chip) (B, F)

• Dimension



Chip capacitor

Code	L	W	T
Empty	5.6±0.5	5.0±0.5	Less than 2.0
A	4.5±0.5	3.2±0.4	Less than 2.0
B	4.5±0.5	2.0±0.3	Less than 2.0
C	4.5±0.5	1.25±0.2	Less than 1.25
D	3.2±0.4	2.5±0.3	Less than 1.5
E	3.2±0.2	1.6±0.2	Less than 1.25
F	2.0±0.3	1.25±0.2	Less than 1.25
G	1.6±0.2	0.8±0.2	Less than 1.0
H	1.0±0.05	0.5±0.05	0.5±0.05

Chip resistor

Code	L	W	T
E	3.2±0.2	1.6±0.2	1.0
F	2.0±0.3	1.25±0.2	1.0
G	1.6±0.2	0.8±0.2	0.5±0.1
H	1.0±0.05	0.5±0.05	0.35±0.05

RESISTORS

• Chip resistor (Carbon)

- (EX) RD $\frac{73}{1}$ $\frac{E}{2}$ $\frac{B}{3}$ $\frac{2B}{4}$ $\frac{000}{5}$ $\frac{J}{6}$ $\frac{7}{7}$
- (Chip) (B, F)

• Carbon resistor (Normal type)

- (EX) RD $\frac{14}{1}$ $\frac{B}{2}$ $\frac{B}{3}$ $\frac{2C}{4}$ $\frac{000}{5}$ $\frac{J}{6}$ $\frac{7}{7}$

- 1 = Type
- 2 = Shape
- 3 = Dimension
- 4 = Temp. coefficient
- 5 = Rating wattage
- 6 = Value
- 7 = Tolerance

• Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

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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

Y : PX (Far East, Hawaii)

C : China

K : USA

T : England

X : Australia

P : Canada

E : Europe

M : Other Areas

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
TX-RX UNIT (X57-5610-XX) -10 : TK-790(B)K -12:TK-790H(B)K						C174			CK73FB1E104K	CHIP C 0.10UF K	
C101			CK73GB1H103K	CHIP C 0.010UF K		C175			CK73GB1C333K	CHIP C 0.033UF K	
C102,103			CC73GCH1H220J	CHIP C 22PF J		C176			CS77AA1ER47M	CHIP TNL 0.47UF 25WV	
C104			CC73GCH1H180J	CHIP C 18PF J		C177			CK73GB1H102K	CHIP C 1000PF K	
C105			CC73GCH1H101J	CHIP C 100PF J		C178			CK73GB1H103K	CHIP C 0.010UF K	
C106			CK73GB1H103K	CHIP C 0.010UF K		C179-182			CC73GCH1H470J	CHIP C 47PF J	
C107			CC73GCH1H101J	CHIP C 100PF J		C183-185			CC73GCH1H150J	CHIP C 15PF J	
C108			CC73GCH1H100C	CHIP C 10PF C		C186			CC73GCH1H330J	CHIP C 33PF J	
C110			CC73GCH1H100C	CHIP C 10PF C		C187,188			CC73GCH1H120J	CHIP C 12PF J	
C111			CC73GCH1H020B	CHIP C 2.0PF B		C189			CK73GB1E223K	CHIP C 0.022UF K	
C112			CK73GB1H103K	CHIP C 0.010UF K		C190			CK73GB1H102K	CHIP C 1000PF K	
C113			CK73GB1H102K	CHIP C 1000PF K		C191			CK73GB1E223K	CHIP C 0.022UF K	
C114			CC73GCH1H100C	CHIP C 10PF C		C192			CK73FB1C334K	CHIP C 0.33UF K	
C116			CC73GCH1H020B	CHIP C 2.0PF B		C193			CK73GB1H102K	CHIP C 1000PF K	
C117			CC73GCH1H680J	CHIP C 68PF J		C194			CS77BA0J100M	CHIP TNL 10UF 6.3WV	
C118			CC73GCH1H080B	CHIP C 8.0PF B		C195			CK73GB1H102K	CHIP C 1000PF K	
C119			CC73GCH1H180J	CHIP C 18PF J		C201			CK73GB1H471K	CHIP C 470PF K	
C120			CC73GCH1H120J	CHIP C 12PF J		C202			CC73GCH1H101J	CHIP C 100PF J	
C121			CC73GCH1H101J	CHIP C 100PF J		C203-205			CK73GB1H102K	CHIP C 1000PF K	
C123			CC73GCH1H221J	CHIP C 220PF J		C206			CK73GB1H103K	CHIP C 0.010UF K	
C124			CC73GCH1H330J	CHIP C 33PF J		C207	*		CE32CL1A470M	CHIP EL 47UF 10WV	
C125			CK73GB1H103K	CHIP C 0.010UF K		C208			CK73GB1H102K	CHIP C 1000PF K	
C126			CC73GCH1H150J	CHIP C 15PF J		C209	*		CE32CL1H010M	CHIP EL 1.0UF 50WV	
C127			CC73GCH1H151J	CHIP C 150PF J		C210			CK73GB1H102K	CHIP C 1000PF K	
C128			CC73GCH1H030B	CHIP C 3.0PF B		C211			CC73GCH1H270J	CHIP C 27PF J	
C129			CC73GCH1H101J	CHIP C 100PF J		C213,214			CK73GB1H102K	CHIP C 1000PF K	
C130			CC73GCH1H270J	CHIP C 27PF J		C215			CK73FB1E104K	CHIP C 0.10UF K	
C131			CK73GB1H102K	CHIP C 1000PF K		C216			CK73GB1C473K	CHIP C 0.047UF K	
C132			CC73GCH1H030B	CHIP C 3.0PF B		C217	*		CS77AB21C3R3M	CHIP TNL 3.3UF 16WV	
C133			CC73GCH1H270J	CHIP C 27PF J		C218,219			CK73GB1H102K	CHIP C 1000PF K	
C134,135			CK73GB1H103K	CHIP C 0.010UF K		C220			CC73FCH1H220J	CHIP C 22PF J	
C138-140			CC73GCH1H030B	CHIP C 3.0PF B		C221			CK73GB1H102K	CHIP C 1000PF K	
C141			CC73GCH1H040B	CHIP C 4.0PF B		C222	*		CE32CL1A470M	CHIP EL 47UF 10WV	
C143			CK73GB1H102K	CHIP C 1000PF K		C223			CK73GB1H102K	CHIP C 1000PF K	
C144			CC73GCH1H101J	CHIP C 100PF J		C224			CK73FB1E104K	CHIP C 0.10UF K	
C145,146			CC73GCH1H030B	CHIP C 3.0PF B		C225-227			CK73GB1H102K	CHIP C 1000PF K	
C147			CC73FCH1H090B	CHIP C 9.0PF B		C303			CK73GB1H103K	CHIP C 0.010UF K	
C148			CK73GB1H102K	CHIP C 1000PF K		C306,307			CK73GB1H103K	CHIP C 0.010UF K	
C151,152			CK73GB1H103K	CHIP C 0.010UF K		C310			CS77CB21A220M	CHIP TNL 22UF 10WV	
C153,154			CK73GB1H102K	CHIP C 1000PF K		C311			C90-5674-05	ELECTRO 47UF 16WV	
C155			CC73GCH1H100C	CHIP C 10PF C		C312			CS77AA1V0R1M	CHIP TNL 0.1UF 35WV	
C156			CK73FB1E104K	CHIP C 0.10UF K		C313	*		C92-0930-05	ELECTRO 100UF 165WV	
C157			CC73GCH1H090B	CHIP C 9.0PF B		C314			C90-5674-05	ELECTRO 47UF 16WV	
C158			CC73GCH1H101J	CHIP C 100PF J		C315			CC73GCH1H100C	CHIP C 10PF C	
C159			CC73GCH1H220J	CHIP C 22PF J		C316,317			CK73GB1H103K	CHIP C 0.010UF K	
C160			CK73GB1H102K	CHIP C 1000PF K		C318,319			CS77BA1A2R2M	CHIP TNL 2.2UF 10WV	
C161-163			CK73GB1H103K	CHIP C 0.010UF K		C320			CK73FB1E224K	CHIP C 0.22UF K	
C165			CS77BA0J100M	CHIP TNL 10UF 6.3WV		C321			CS77AA1V0R1M	CHIP TNL 0.1UF 35WV	
C166			CC73GCH1H080B	CHIP C 8.0PF B		C322			CK73GB1H102K	CHIP C 1000PF K	
C167			CC73GCH1H270J	CHIP C 27PF J		C323			CC73GCH1H240J	CHIP C 24PF J	
C168			CK73FB1E104K	CHIP C 0.10UF K		C324			CK73GB1H102K	CHIP C 1000PF K	
C169			CK73GB1H103K	CHIP C 0.010UF K		C325			CC73GCH1H360J	CHIP C 36PF J	
C170,171			CC73GCH1H221J	CHIP C 220PF J		C326			CC73GCH1H050B	CHIP C 5.0PF B	
C172			CK73GB1H472K	CHIP C 4700PF K		C327			CC73GCH1H470J	CHIP C 47PF J	
C173			CK73GB1H103K	CHIP C 0.010UF K		C328			CC73GCH1H180G	CHIP C 18PF G	

K : TK-790(B)K
HK : TK-790H(B)K

TK-790/(B), TK-790H(B)

PARTS LIST

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
C329			CK73GB1H102K	CHIP C 1000PF K		C565			CS77AA1ER47M	CHIP TNTL 0.47UF 25WV	
C330			CC73GCH1HR75B	CHIP C 0.75PF B		C566			CC73GCH1H100C	CHIP C 10PF C	
C331			CC73GCH1H150J	CHIP C 15PF J		C567			CK73GB1E223K	CHIP C 0.022UF K	
C332			CK73FB1C474K	CHIP C 0.47UF K		C568			CK73GB1H102K	CHIP C 1000PF K	
C333			CC73GCH1H150J	CHIP C 15PF J		C570			CE32CL1E4R7M	CHIP EL 4.7UF 25WV	
C334,335			CC73GCH1H120J	CHIP C 12PF J		C571		*	C92-0949-05	CHIP TNTL 4.7UF 16WV	
C336			CC73GCH1H150J	CHIP C 15PF J		C572,573			CC73GCH1H030B	CHIP C 3.0PF B	
C337-339			CK73GB1H102K	CHIP C 1000PF K		C574			CK73GB1H472K	CHIP C 4700PF K	
C340,341			CC73GCH1H020B	CHIP C 2.0PF B		C575			CS77BA1A100M	CHIP TNTL 10UF 10WV	
C342,343			CK73GB1H102K	CHIP C 1000PF K		C576			CC73GCH1H470J	CHIP C 47PF J	
C344			CC73GCH1H100C	CHIP C 10PF C		C578			CS77BA0J4R7M	CHIP TNTL 4.7UF 6.3WV	
C345-349			CK73GB1H102K	CHIP C 1000PF K		C579			CK73GB1H472K	CHIP C 4700PF K	
C350			CC73GCH1H470J	CHIP C 47PF J		C580-582			CK73GB1H102K	CHIP C 1000PF K	
C351-355			CK73GB1H102K	CHIP C 1000PF K		C583		*	C92-0858-05	CHIP TNTL 1UF 16WV	
C356			CS77AA1A4R7M	CHIP TNTL 4.7UF 10WV		C585			CC73FCH1H751J	CHIP C 750PF J	
C357			CS77BA0J100M	CHIP TNTL 10UF 6.3WV		C586			CC73GCH1H180J	CHIP C 18PF J	
C358			CK73GB1H102K	CHIP C 1000PF K		C587			CK73GB1H122K	CHIP C 1200PF K	
C359			CC73GCH1H100C	CHIP C 10PF C		C588			CC73GCH1H070B	CHIP C 7.0PF B	
C360			CC73GCH1H050B	CHIP C 5.0PF B		C589			CC73GCH1H181J	CHIP C 180PF J	
C361			CK73FB1C474K	CHIP C 0.47UF K		C590			CK73GB1H332K	CHIP C 3300PF K	
C362			CC73GCH1H270J	CHIP C 27PF J		C591			CC73GCH1H180J	CHIP C 18PF J	
C363,364			CC73GCH1H030B	CHIP C 3.0PF B		C592			CK73GB1H102K	CHIP C 1000PF K	
C365,366			CC73GCH1H150J	CHIP C 15PF J		C593			CS77CB21A220M	CHIP TNTL A22UF 21	
C370			CK73GB1H102K	CHIP C 1000PF K		C594			CK73GB1E103K	CHIP C 0.010UF K	
C371			CK73FB1H473K	CHIP C 0.047UF K		C595-597			CK73GB1H102K	CHIP C 1000PF K	
C501			CC73GCH1H101J	CHIP C 100PF J		C598,599			CK73FB1E104K	CHIP C 0.10UF K	
C524			CK73GB1H102K	CHIP C 1000PF K		C600			CS77BA0J4R7M	CHIP TNTL 4.7UF 6.3WV	
C525			CK73FB1E683K	CHIP C 0.068UF K		C601			CK73GB1H102K	CHIP C 1000PF K	
C526,527			CK73GB1H471K	CHIP C 470PF K		C602			CK73GB1H562K	CHIP C 5600PF K	
C528			CC73GCH1H101J	CHIP C 100PF J		C603			CK73GB1H102K	CHIP C 1000PF K	
C529		*	C92-0949-05	CHIP TNTL 4.7UF 16WV		C604,605			CK73GB1H562K	CHIP C 5600PF K	
C530			CK73GB1E123K	CHIP C 0.012UF K		C606			CS77BA0J4R7M	CHIP TNTL 4.7UF 6.3WV	
C531			CS77BA0J100M	CHIP TNTL 10UF 6.3WV		C607			CK73GB1H102K	CHIP C 1000PF K	
C532			CK73GB1H222K	CHIP C 2200PF K		C608			CK73GB1H332J	CHIP C 3300PF J	
C533			CS77BA0J100M	CHIP TNTL 10UF 6.3WV		C609			CK73GB1H272J	CHIP C 2700PF J	
C534			CK73FB1E104K	CHIP C 0.10UF K		C610			CK73FB1E104K	CHIP C 0.10UF K	
C535			CS77BA0J100M	CHIP TNTL 10UF 6.3WV		C611			CK73GB1H272J	CHIP C 2700PF J	
C536,537			CK73FB1E104K	CHIP C 0.10UF K		C612		*	C92-0930-05	ELECTRO 100UF 165WV	
C538			CK73GB1E223K	CHIP C 0.022UF K		C613			CE32CL1C470M	CHIP EL 47UF 16WV	
C539			CC73GCH1H470J	CHIP C 47PF J		C614			CK73GB1H102K	CHIP C 1000PF K	
C540			CK73FB1E104K	CHIP C 0.10UF K		C615			CK73GB1H272J	CHIP C 2700PF J	
C541			CK73GB1H102K	CHIP C 1000PF K		C616			CK73GB1E103K	CHIP C 0.010UF K	
C542			CK73FB1E104K	CHIP C 0.10UF K		C617			CK73FB1E104K	CHIP C 0.10UF K	
C543			CK73GB1H102K	CHIP C 1000PF K		C618			CK73GB1H272J	CHIP C 2700PF J	
C544			CC73GCH1H121J	CHIP C 120PF J		C619		*	CE32BD1E331M	CHIP EL 330UF 25WV	
C545			CK73GB1E103K	CHIP C 0.010UF K		C622			CK73GB1H102K	CHIP C 1000PF K	
C546			CK73FB1E104K	CHIP C 0.10UF K		C623			CE32CL1C470M	CHIP EL 47UF 16WV	
C547			CK73GB1E223K	CHIP C 0.022UF K		C624			CK73GB1H102K	CHIP C 1000PF K	
C548			CS77BA0J4R7M	CHIP TNTL 4.7UF 6.3WV		C625			CK73GB1E103K	CHIP C 0.010UF K	
C549			CK73GB1H222K	CHIP C 2200PF K		C626			CS77BA1C010M	CHIP TNTL 1.0UF 16WV	
C550			CK73FB1E104K	CHIP C 0.10UF K		C627,628			CK73FB1E104K	CHIP C 0.10UF K	
C551			CK73FB1E333K	CHIP C 0.033UF K		C630			CK73GB1H102K	CHIP C 1000PF K	
C552			CC73GCH1H470J	CHIP C 47PF J		C631			CC73GCH1H101J	CHIP C 100PF J	
C553,554			CK73FB1E104K	CHIP C 0.10UF K		C632-639			CK73GB1H102K	CHIP C 1000PF K	
C555			CK73GB1H102K	CHIP C 1000PF K		C640			CS77BA0J100M	CHIP TNTL 10UF 6.3WV	
C557			CK73GB1E223K	CHIP C 0.022UF K		C641,642			CK73FB1E104K	CHIP C 0.10UF K	
C558			CS77BA0J4R7M	CHIP TNTL 4.7UF 6.3WV		C666-680			CC73GCH1H101J	CHIP C 100PF J	
C559			CE32CL1E4R7M	CHIP EL 4.7UF 25WV		C681			CK73GB1H102K	CHIP C 1000PF K	
C562			CK73GB1E103K	CHIP C 0.010UF K		C682,683			CC73GCH1H101J	CHIP C 100PF J	
C563			CK73GB1H102K	CHIP C 1000PF K		C684			CK73GB1H102K	CHIP C 1000PF K	

TK-790/(B), TK-790H(B)

PARTS LIST

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Desti-nation	Ref. No.	Address	New parts	Parts No.	Description	Desti-nation
C685			CC73GCH1H101J	CHIP C 100PF J		C839			CK73GB1H102K	CHIP C 1000PF K	K
C686			CK73GB1H102K	CHIP C 1000PF K		C843			CK73GB1H102K	CHIP C 1000PF K	K
C687			CK73GB1E103K	CHIP C 0.010UF K		C845			C93-0565-05	CHIP C 27PF J	K
C688,689			CC73GCH1H101J	CHIP C 100PF J		C847			C93-0564-05	CHIP C 22PF J	K
C690			CK73FB1E104K	CHIP C 0.10UF K		C848			C90-5674-05	ELECTRO 47UF 16WV	K
C691,692			CC73GCH1H101J	CHIP C 100PF J		C850,851			CK73GB1H102K	CHIP C 1000PF K	
C693			CK73GB1E103K	CHIP C 0.010UF K		C852			CK73GB1A105K	CHIP C 1.0UF K	
C694			CS77CB21A220M	CHIP TNTL A22UF 21		C853,854			CK73GB1H102K	CHIP C 1000PF K	
C695			CC73GCH1H101J	CHIP C 100PF J		C855			CC73GCH1H101J	CHIP C 100PF J	
C696			CS77BA1A100M	CHIP TNTL 10UF 10WV		C856			CK73FB0J106K	CHIP C 10UF K	
C697			CK73GB1E103K	CHIP C 0.010UF K		C857,858			CK73GB1H102K	CHIP C 1000PF K	
C698-701			CS77BA0J100M	CHIP TNTL 10UF 6.3WV		C859-861			CK73GB1A105K	CHIP C 1.0UF K	
C703-705			CK73FB1E104K	CHIP C 0.10UF K		C862,863			CK73GB1H102K	CHIP C 1000PF K	
C706			CS77BA0J4R7M	CHIP TNTL 4.7UF 6.3WV		C865			CK73GB1H102K	CHIP C 1000PF K	
C707			CC73GCH1H560J	CHIP C 56PF J		C868			CK73GB1H103K	CHIP C 0.010UF K	
C708			CK73FB1E104K	CHIP C 0.10UF K		C869			CK73GB1E103K	CHIP C 0.010UF K	
C709			CC73GCH1H560J	CHIP C 56PF J		C871			CK73GB1C104K	CHIP C 0.10UF K	
C710			CK73GB1E123K	CHIP C 0.012UF K		C872,873			CK73GB1H102K	CHIP C 1000PF K	
C711			CC73GCH1H101J	CHIP C 100PF J		C875			CK73GB1A105K	CHIP C 1.0UF K	
C712			CK73GB1E473J	CHIP C 0.047UF J		C876,877			CK73GB1H102K	CHIP C 1000PF K	
C714-716			CK73GB1C104K	CHIP C 0.10UF K		TC301,302			C05-0393-05	CERAMIC TRIMMER CAPACITOR	
C717			CK73FB0J106K	CHIP C 10UF K		CN101			E04-0154-05	PIN SOCKET	
C718,719			CK73GB1C104K	CHIP C 0.10UF K		CN102,103			E41-2735-05	PIN ASSY	
C720			CK73GB1H471K	CHIP C 470PF K		CN104			E04-0154-05	PIN SOCKET	
C721			CK73GB1E105K	CHIP C 1.0UF K		CN201	*		E41-3087-05	PIN ASSY	
C722			CK73GB1C104K	CHIP C 0.10UF K		CN202	*		E40-5978-05	FLAT CABLE CONNECTOR	
C723			CK73FB0J106K	CHIP C 10UF K		CN203			E04-0154-05	PIN SOCKET	
C724			CC73GCH1H101J	CHIP C 100PF J		CN501			E41-2672-05	PIN ASSY	
C725,726			CC73GCH1H220J	CHIP C 22PF J		CN502	*		E40-5978-05	FLAT CABLE CONNECTOR	
C727			CK73GB1H103K	CHIP C 0.010UF K		CN504			E40-6472-05	PIN ASSY	
C728,729			CK73GB1C104K	CHIP C 0.10UF K		CN505	*		E40-5960-05	PIN ASSY	
C730,731			CK73GB1H821K	CHIP C 820PF K		CN506			E40-6532-05	PIN ASSY	
C732			CK73GB1H272K	CHIP C 2700PF K		CN507	*		E40-6775-05	PIN ASSY	
C733			CK73GB1H221K	CHIP C 220PF K		CN508	*		E41-3092-05	PIN ASSY	
C734,735			CK73GB1H102K	CHIP C 1000PF K		CN801			E04-0154-05	PIN SOCKET	K
C803		*	CD04BQ1E471M	ELECTRO 470UF 25WV	K	CN802			E23-0902-05	TERMINAL	K
C805		*	CD04BQ1E471M	ELECTRO 470UF 25WV	K	CN803			E04-0154-05	PIN SOCKET	K
C806-808			CK73FB1H102K	CHIP C 1000PF K	K	CN804	*		E23-1118-05	TERMINAL	K
C809			C93-0558-05	CHIP C 8.0PF D	K	W501	*		E37-0707-15	LEAD WIRE WITH CONNECTOR	
C810,811			CK73FB1H102K	CHIP C 1000PF K	K	W801	*		E37-0705-15	LEAD WIRE WITH CONNECTOR	K
C812		*	CD04BQ1E471M	ELECTRO 470UF 25WV	K	W802	*		E37-0704-15	LEAD WIRE WITH CONNECTOR	K
C813,814			CK73FB1H102K	CHIP C 1000PF K	K	A102	*		F10-2278-04	SHIELDING PLATE	
C815			CM73F2H180J	CHIP C 18PF J	K	A103	*		F10-3103-04	SHIELDING CASE	
C816			CC73GCH1H471J	CHIP C 470PF J	K	F501			F53-0128-05	FUSE	
C817			CK73FB1H102K	CHIP C 1000PF K	K	F502			F53-0108-05	FUSE	
C818			CK73GB1H102K	CHIP C 1000PF K	K	CF101			L72-0916-05	CERAMIC FILTER	
C819			C93-0562-05	CHIP C 15PF J	K	CF102			L72-0939-05	CERAMIC FILTER	
C820			CK73GB1H102K	CHIP C 1000PF K	K	CF103			L72-0916-05	CERAMIC FILTER	
C821			CK73FB1H102K	CHIP C 1000PF K	K	CF104			L72-0939-05	CERAMIC FILTER	
C822			CK73GB1E473J	CHIP C 0.047UF J	K	L101	*		L41-8275-32	SMALL FIXED INDUCTOR(0.082UH)	
C824			CM73F2H470J	CHIP C 47PF J	K	L102	*		L41-3385-32	SMALL FIXED INDUCTOR(0.33UH)	
C825			C93-0562-05	CHIP C 15PF J	K	L103	*		L41-3375-32	SMALL FIXED INDUCTOR(0.033UH)	
C826			CC73FCH1H220J	CHIP C 22PF J	K	L104	*		L41-3385-32	SMALL FIXED INDUCTOR(0.33UH)	
C827			CK73GB1H102K	CHIP C 1000PF K	K	L105	*		L41-8275-32	SMALL FIXED INDUCTOR(0.082UH)	
C829,830			C93-0563-05	CHIP C 18PF J	K	L107			L41-2785-32	SMALL FIXED INDUCTOR(0.27UH)	
C831			C93-0564-05	CHIP C 22PF J	K	L109			L41-6885-33	SMALL FIXED INDUCTOR(0.68UH)	
C832			CC73GCH1H821J	CHIP C 820PF J	K	L110-112			L34-4842-05	COIL	
C833			CK73FB1H102K	CHIP C 1000PF K	K	L114,115			L41-3375-33	SMALL FIXED INDUCTOR(0.033UH)	
C834			CC73FCH1H390J	CHIP C 39PF J	K	L117			L34-4794-05	COIL	
C835			CK73FB1H102K	CHIP C 1000PF K	K						

K :TK-790(B)K
HK :TK-790H(B)K

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Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
L118,119			L34-4793-05	COIL		R123			RK73GB2A270J	CHIP R 27 J 1/10W	
L120			L34-4794-05	COIL		R124			RK73FB2B821J	CHIP R 820 J 1/8W	
L121			L41-3975-33	SMALL FIXED INDUCTOR(0.039UH)		R125-127			RK73GB2A222J	CHIP R 2.2K J 1/10W	
L122			L34-4793-05	COIL		R128			RK73GB2A223J	CHIP R 22K J 1/10W	
L123			L34-4794-05	COIL		R129			RK73GB2A000J	CHIP R 0.0 J 1/10W	
L126			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)		R132			RK73GB2A103J	CHIP R 10K J 1/10W	
L127			L34-4725-05	COIL		R133			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L128			L41-1885-33	SMALL FIXED INDUCTOR(0.18UH)		R134			RK73GB2A330J	CHIP R 33 J 1/10W	
L129			L40-1281-37	SMALL FIXED INDUCTOR(0.120UH)		R135			RK73GB2A220J	CHIP R 22 J 1/10W	
L130			L40-3381-37	SMALL FIXED INDUCTOR(0.330UH)		R136-138			RK73GB2A222J	CHIP R 2.2K J 1/10W	
L131			L41-3375-33	SMALL FIXED INDUCTOR(0.033UH)		R139			RK73GB2A473J	CHIP R 47K J 1/10W	
L132,133		*	L41-2775-32	SMALL FIXED INDUCTOR(0.027UH)		R141			RK73GB2A102J	CHIP R 1.0K J 1/10W	
L134			L41-1095-33	SMALL FIXED INDUCTOR(1.0UH)		R142			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L135,136			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R143			RK73GB2A470J	CHIP R 47 J 1/10W	
L201			L41-6875-33	SMALL FIXED INDUCTOR(0.068UH)		R144			RK73GB2A153J	CHIP R 15K J 1/10W	
L202			L41-8275-33	SMALL FIXED INDUCTOR(0.082UH)		R145,146			RK73GB2A223J	CHIP R 22K J 1/10W	
L301			L41-3398-08	SMALL FIXED INDUCTOR(3.3UH)		R148			RK73GB2A223J	CHIP R 22K J 1/10W	
L302			L41-5698-08	SMALL FIXED INDUCTOR(5.6UH)		R149			RK73GB2A274J	CHIP R 270K J 1/10W	
L303			L41-3398-08	SMALL FIXED INDUCTOR(3.3UH)		R150,151			RK73GB2A223J	CHIP R 22K J 1/10W	
L304			L41-5698-08	SMALL FIXED INDUCTOR(5.6UH)		R152			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L305,306		*	L34-4592-05	AIR-CORE COIL		R153			RK73GB2A182J	CHIP R 1.8K J 1/10W	
L307			L41-5698-08	SMALL FIXED INDUCTOR(5.6UH)		R155			RK73GB2A472J	CHIP R 4.7K J 1/10W	
L308			L41-3398-08	SMALL FIXED INDUCTOR(3.3UH)		R156,157			RK73GB2A332J	CHIP R 3.3K J 1/10W	
L309			L41-5698-08	SMALL FIXED INDUCTOR(5.6UH)		R158			RK73GB2A821J	CHIP R 820 J 1/10W	
L310			L41-8275-33	SMALL FIXED INDUCTOR(0.082UH)		R159			RK73GB2A5R6J	CHIP R 5.6 J 1/10W	
L311			L41-1085-33	SMALL FIXED INDUCTOR(0.1UH)		R160			RK73GB2A821J	CHIP R 820 J 1/10W	
L313,314			L41-3975-33	SMALL FIXED INDUCTOR(0.039UH)		R161			RK73GB2A000J	CHIP R 0.0 J 1/10W	
L501,502			L41-1005-33	SMALL FIXED INDUCTOR(10UH)		R162			RK73GB2A682J	CHIP R 6.8K J 1/10W	
L801		*	L34-4520-05	AIR-CORE COIL	K	R163			RK73GB2A182J	CHIP R 1.8K J 1/10W	
L802		*	L34-4523-05	AIR-CORE COIL	K	R164			RK73GB2A101J	CHIP R 100 J 1/10W	
L803-805		*	L34-4520-05	AIR-CORE COIL	K	R165			RK73GB2A393J	CHIP R 39K J 1/10W	
L806		*	L34-4523-05	AIR-CORE COIL	K	R166			RK73GB2A220J	CHIP R 22 J 1/10W	
L807		*	L34-4520-05	AIR-CORE COIL	K	R167			RK73GB2A102J	CHIP R 1.0K J 1/10W	
X101		*	L77-1736-05	CRYSTAL RESONATOR (45.305MHZ)		R201			RK73GB2A271J	CHIP R 270 J 1/10W	
X301			L77-1798-15	VCXO (16.8MHZ)		R202			RK73GB2A180J	CHIP R 18 J 1/10W	
X501			L77-1708-15	CRYSTAL RESONATOR (3.579545MHZ)		R203			RK73GB2A102J	CHIP R 1.0K J 1/10W	
X502			L77-1863-05	CRYSTAL RESONATOR (12.0MHZ)		R204			RK73GB2A271J	CHIP R 270 J 1/10W	
X503			L77-3037-05	CRYSTAL RESONATOR (6.144MHZ)		R205			RK73GB2A222J	CHIP R 2.2K J 1/10W	
XF101		*	L71-0512-05	MCF (44.85MHZ)		R206			RK73GB2A103J	CHIP R 10K J 1/10W	
XF102		*	L71-0513-05	MCF (44.85MHZ)		R207			RK73GB2A100J	CHIP R 10 J 1/10W	
R101			RK73GB2A470J	CHIP R 47 J 1/10W		R208			RK73GB2A121J	CHIP R 120 J 1/10W	HK
R102			RK73GB2A472J	CHIP R 4.7K J 1/10W		R208			RK73GB2A222J	CHIP R 2.2K J 1/10W	K
R103			RK73GB2A102J	CHIP R 1.0K J 1/10W		R209			RK73GB2A560J	CHIP R 56 J 1/10W	
R104			RK73GB2A120J	CHIP R 12 J 1/10W		R210			RK73GB2A470J	CHIP R 47 J 1/10W	
R105			RK73GB2A821J	CHIP R 820 J 1/10W		R211			RK73GB2A152J	CHIP R 1.5K J 1/10W	
R106			RK73GB2A330J	CHIP R 33 J 1/10W		R212			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R107			RK73GB2A821J	CHIP R 820 J 1/10W		R213			RK73GB2A473J	CHIP R 47K J 1/10W	
R108			RK73GB2A334J	CHIP R 330K J 1/10W		R214			RK73GB2A100J	CHIP R 10 J 1/10W	
R109			RK73GB2A332J	CHIP R 3.3K J 1/10W		R215			RK73GB2A473J	CHIP R 47K J 1/10W	
R110,111			RK73GB2A104J	CHIP R 100K J 1/10W		R216			RK73RB2H220J	CHIP R 22 J 1/2W	
R112			RK73GB2A102J	CHIP R 1.0K J 1/10W		R217			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R113-115			RK73GB2A104J	CHIP R 100K J 1/10W		R218			RK73FB2B181J	CHIP R 180 J 1/8W	HK
R116			RK73GB2A000J	CHIP R 0.0 J 1/10W		R218			RK73FB2B821J	CHIP R 820 J 1/8W	K
R117			RK73GB2A101J	CHIP R 100 J 1/10W		R219,220			RK73FB2B100J	CHIP R 10 J 1/8W	K
R118			RK73GB2A473J	CHIP R 47K J 1/10W		R219,220			RK73FB2B680J	CHIP R 68 J 1/8W	HK
R119			RK73GB2A560J	CHIP R 56 J 1/10W		R221			RK73FB2B181J	CHIP R 180 J 1/8W	HK
R120			RK73GB2A102J	CHIP R 1.0K J 1/10W		R221			RK73FB2B821J	CHIP R 820 J 1/8W	K
R121			RK73FB2B821J	CHIP R 820 J 1/8W		R223			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R122			RK73FB2B5R6J	CHIP R 5.6 J 1/8W		R301			RK73GB2A103J	CHIP R 10K J 1/10W	
						R302-305			RK73GB2A000J	CHIP R 0.0 J 1/10W	

PARTS LIST

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Desti-nation	Ref. No.	Address	New parts	Parts No.	Description	Desti-nation
R307,308			RK73GB2A100J	CHIP R 10 J 1/10W		R525			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R309			RK73GB2A000J	CHIP R 0.0 J 1/10W		R526			RK73GB2A104J	CHIP R 100K J 1/10W	
R310,311			RK73GB2A152J	CHIP R 1.5K J 1/10W		R527			RK73GB2A223J	CHIP R 22K J 1/10W	
R314			RK73GB2A221J	CHIP R 220 J 1/10W		R528			RK73GB2A104J	CHIP R 100K J 1/10W	
R315			RK73GB2A471J	CHIP R 470 J 1/10W		R529,530			RK73GB2A334J	CHIP R 330K J 1/10W	
R316			RK73GB2A681J	CHIP R 680 J 1/10W		R531			RK73GB2A154J	CHIP R 150K J 1/10W	
R317			RK73GB2A222J	CHIP R 2.2K J 1/10W		R532			RK73GB2A474J	CHIP R 470K J 1/10W	
R318			RK73FB2B152J	CHIP R 1.5K J 1/8W		R533		*	RN73GH1J473D	CHIP R 47K D 1/16W	
R319			RK73GB2A471J	CHIP R 470 J 1/10W		R534		*	RN73GH1J563D	CHIP R 56K D 1/16W	
R320-323			RK73GB2A000J	CHIP R 0.0 J 1/10W		R535			RK73GB2A103J	CHIP R 10K J 1/10W	
R324			RK73GB2A223J	CHIP R 22K J 1/10W		R536			RK73GB2A681J	CHIP R 680 J 1/10W	
R325			RK73GB2A103J	CHIP R 10K J 1/10W		R537			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R326			RK73GB2A471J	CHIP R 470 J 1/10W		R539			RK73GB2A561J	CHIP R 560 J 1/10W	
R327			RK73GB2A104J	CHIP R 100K J 1/10W		R541			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R328			RK73GB2A152J	CHIP R 1.5K J 1/10W		R542			RK73GB2A470J	CHIP R 47 J 1/10W	
R329			RK73GB2A391J	CHIP R 390 J 1/10W		R543			RK73GB2A220J	CHIP R 22 J 1/10W	
R330			RK73GB2A271J	CHIP R 270 J 1/10W		R545			RK73GB2A564J	CHIP R 560K J 1/10W	
R331,332			RK73GB2A472J	CHIP R 4.7K J 1/10W		R546			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R333			RK73GB2A470J	CHIP R 47 J 1/10W		R547			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R334			RK73GB2A472J	CHIP R 4.7K J 1/10W		R549			RK73GB2A153J	CHIP R 15K J 1/10W	
R335			RK73GB2A470J	CHIP R 47 J 1/10W		R550			RK73GB2A683J	CHIP R 68K J 1/10W	
R336,337			RK73GB2A472J	CHIP R 4.7K J 1/10W		R552			RK73GB2A101J	CHIP R 100 J 1/10W	
R338			RK73GB2A473J	CHIP R 47K J 1/10W		R553			RK73GB2A822J	CHIP R 8.2K J 1/10W	
R339			RK73GB2A103J	CHIP R 10K J 1/10W		R557,558			RK73GB2A104J	CHIP R 100K J 1/10W	
R340			RK73GB2A330J	CHIP R 33 J 1/10W		R559			RK73GB2A473J	CHIP R 47K J 1/10W	
R341			RK73GB2A331J	CHIP R 330 J 1/10W		R561			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R342			RK73GB2A223J	CHIP R 22K J 1/10W		R562			RK73GB2A274J	CHIP R 270K J 1/10W	
R343			RK73GB2A103J	CHIP R 10K J 1/10W		R563			RK73GB2A104J	CHIP R 100K J 1/10W	
R344			RK73GB2A223J	CHIP R 22K J 1/10W		R564			RK73GB2A474J	CHIP R 470K J 1/10W	
R345			RK73GB2A103J	CHIP R 10K J 1/10W		R565			RK73GB2A123J	CHIP R 12K J 1/10W	
R346			RK73GB2A330J	CHIP R 33 J 1/10W		R566			RK73GB2A153J	CHIP R 15K J 1/10W	
R347			RK73GB2A471J	CHIP R 470 J 1/10W		R567			RK73GB2A224J	CHIP R 220K J 1/10W	
R348			RK73GB2A151J	CHIP R 150 J 1/10W		R568			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R349			RK73GB2A330J	CHIP R 33 J 1/10W		R570			RK73GB2A223J	CHIP R 22K J 1/10W	
R350			RK73GB2A101J	CHIP R 100 J 1/10W		R572			RK73GB2A104J	CHIP R 100K J 1/10W	
R351,352			RK73GB2A102J	CHIP R 1.0K J 1/10W		R573			RK73GB2A274J	CHIP R 270K J 1/10W	
R355			RK73GB2A220J	CHIP R 22 J 1/10W		R575,576			RK73GB2A104J	CHIP R 100K J 1/10W	
R358			RK73GB2A331J	CHIP R 330 J 1/10W		R577			RK73GB2A122J	CHIP R 1.2K J 1/10W	
R361			RK73GB2A102J	CHIP R 1.0K J 1/10W		R578			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R366			RK73GB2A000J	CHIP R 0.0 J 1/10W		R579,580			RK73GB2A823J	CHIP R 82K J 1/10W	
R501			RK73GB2A333J	CHIP R 33K J 1/10W		R581,582			RK73GB2A683J	CHIP R 68K J 1/10W	
R502			RK73GB2A471J	CHIP R 470 J 1/10W		R583			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R504			RK73FB2B000J	CHIP R 0.0 J 1/8W		R584			RK73GB2A333J	CHIP R 33K J 1/10W	
R505			RK73GB2A103J	CHIP R 10K J 1/10W		R586			RK73GB2A104J	CHIP R 100K J 1/10W	
R507			RK73GB2A223J	CHIP R 22K J 1/10W		R587			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R508			RK73GB2A102J	CHIP R 1.0K J 1/10W		R588			RK73GB2A473J	CHIP R 47K J 1/10W	
R509-511			RK73GB2A473J	CHIP R 47K J 1/10W		R589			RK73GB2A223J	CHIP R 22K J 1/10W	
R512			RK73GB2A184J	CHIP R 180K J 1/10W		R591,592			RK73GB2A124J	CHIP R 120K J 1/10W	
R513			RK73GB2A223J	CHIP R 22K J 1/10W		R594-597			RK73GB2A473J	CHIP R 47K J 1/10W	
R514			RK73GB2A184J	CHIP R 180K J 1/10W		R598			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R515			RK73FB2B000J	CHIP R 0.0 J 1/8W		R599,600			RK73GB2A473J	CHIP R 47K J 1/10W	
R516			RK73GB2A104J	CHIP R 100K J 1/10W		R601			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R517			RK73GH2A104D	CHIP R 100K D 1/10W		R602			RK73FB2B473J	CHIP R 47K J 1/8W	
R518			RK73GB2A000J	CHIP R 0.0 J 1/10W		R603			RK73GB2A103J	CHIP R 10K J 1/10W	
R519			RK73GB2A104J	CHIP R 100K J 1/10W		R604			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R520			RK73GH2A334D	CHIP R 330K D 1/10W		R605			RK73GB2A333J	CHIP R 33K J 1/10W	
R521			RK73GB2A102J	CHIP R 1.0K J 1/10W		R606			RK73GB2A154J	CHIP R 150K J 1/10W	
R522			RK73GH2A913D	CHIP R 91K D 1/10W		R607			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R523			RK73GB2A474J	CHIP R 470K J 1/10W		R608			RK73GB2A123J	CHIP R 12K J 1/10W	
R524			RK73GH2A224D	CHIP R 220K D 1/10W		R609			RK73GB2A153J	CHIP R 15K J 1/10W	

K : TK-790(B)K

HK : TK-790H(B)K

TK-790/(B), TK-790H(B)

PARTS LIST

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
R611			RK73GB2A474J	CHIP R 470K J 1/10W		R718			RK73GB2A333J	CHIP R 33K J 1/10W	
R612			RK73GB2A823J	CHIP R 82K J 1/10W		R719			RS14DB3D2R2J	FL-PROOF 2.2 J 2W	
R613			RK73GB2A393J	CHIP R 39K J 1/10W		R720			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R615			RK73GB2A122J	CHIP R 1.2K J 1/10W		R721			RK73GB2A393J	CHIP R 39K J 1/10W	
R616			RK73GB2A152J	CHIP R 1.5K J 1/10W		R722			RK73GB2A184J	CHIP R 180K J 1/10W	
R617			RN73GH1J274D	CHIP R 270K D 1/16W		R723			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R618			RN73GH1J334D	CHIP R 330K D 1/16W		R724			RK73GB2A683J	CHIP R 68K J 1/10W	
R619,620			RN73GH1J274D	CHIP R 270K D 1/16W		R725			RK73GB2A333J	CHIP R 33K J 1/10W	
R621			RK73GB2A472J	CHIP R 4.7K J 1/10W		R726			RK73GB2A122J	CHIP R 1.2K J 1/10W	
R622			RK73GB2A473J	CHIP R 47K J 1/10W		R727			RK73GB2A473J	CHIP R 47K J 1/10W	
R623			RN73GH1J274D	CHIP R 270K D 1/16W		R728			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R624			RK73GB2A103J	CHIP R 10K J 1/10W		R729-736			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R625			RK73GB2A684J	CHIP R 680K J 1/10W		R740,741			RK73GB2A103J	CHIP R 10K J 1/10W	
R626			RK73GB2A822J	CHIP R 8.2K J 1/10W		R742			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R627			RN73GH1J274D	CHIP R 270K D 1/16W		R744			RK73GB2A104J	CHIP R 100K J 1/10W	
R628			RK73FB2B000J	CHIP R 0.0 J 1/8W		R746			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R629		*	RN73GH1J563D	CHIP R 56K D 1/16W		R747			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R630		*	RN73GH1J473D	CHIP R 47K D 1/16W		R748			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R633,634			RK73GB2A103J	CHIP R 10K J 1/10W		R749,750			RK73GB2A103J	CHIP R 10K J 1/10W	
R636			RK73GH2A104D	CHIP R 100K D 1/10W		R751			RK73GB2A683J	CHIP R 68K J 1/10W	
R638			RK73GH2A223D	CHIP R 22K D 1/10W		R752-754			RK73GB2A103J	CHIP R 10K J 1/10W	
R639			RK73GB2A473J	CHIP R 47K J 1/10W		R755			RK73GB2A104J	CHIP R 100K J 1/10W	
R641			RK73FB2B000J	CHIP R 0.0 J 1/8W		R756			RK73GB2A563J	CHIP R 56K J 1/10W	
R642-648			RK73FB2B102J	CHIP R 1.0K J 1/8W		R757			RK73GB2A101J	CHIP R 100 J 1/10W	
R652			RK73FB2B102J	CHIP R 1.0K J 1/8W		R758			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R654-656			RK73FB2B102J	CHIP R 1.0K J 1/8W		R760			RK73GB2A103J	CHIP R 10K J 1/10W	
R657			RK73FB2B000J	CHIP R 0.0 J 1/8W		R761-764			RK73GB2A104J	CHIP R 100K J 1/10W	
R658			RK73GB2A473J	CHIP R 47K J 1/10W		R765			RK73GB2A473J	CHIP R 47K J 1/10W	
R659			RK73GB2A563J	CHIP R 56K J 1/10W		R766			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R661			RK73FB2B000J	CHIP R 0.0 J 1/8W		R767			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R662			RK73GB2A472J	CHIP R 4.7K J 1/10W		R801			RK73FB2B271J	CHIP R 270 J 1/8W	K
R663			RK73GB2A473J	CHIP R 47K J 1/10W		R802,803			RK73FB2B330J	CHIP R 33 J 1/8W	K
R664			RK73GB2A333J	CHIP R 33K J 1/10W		R804			RK73FB2B271J	CHIP R 270 J 1/8W	K
R665			RK73GB2A104J	CHIP R 100K J 1/10W		R805			RK73FB2B000J	CHIP R 0.0 J 1/8W	K
R666,667			RK73FB2B000J	CHIP R 0.0 J 1/8W		R806			RK73GB2A103J	CHIP R 10K J 1/10W	K
R668			RK73GB2A000J	CHIP R 0.0 J 1/10W		R807			R92-1288-05	CHIP R 56 J 1W	K
R670			RK73FB2B000J	CHIP R 0.0 J 1/8W		R808			RK73GB2A102J	CHIP R 1.0K J 1/10W	K
R671			RK73GB2A683J	CHIP R 68K J 1/10W		R809			RK73GB2A101J	CHIP R 100 J 1/10W	K
R672			RK73GB2A473J	CHIP R 47K J 1/10W		R810			RK73GB2A104J	CHIP R 100K J 1/10W	K
R674,675			RK73GB2A472J	CHIP R 4.7K J 1/10W		R811			RK73GB2A334J	CHIP R 330K J 1/10W	K
R676			RK73GB2A473J	CHIP R 47K J 1/10W		R812			RK73GB2A273J	CHIP R 27K J 1/10W	K
R677			RK73GB2A472J	CHIP R 4.7K J 1/10W		R813			RK73GB2A682J	CHIP R 6.8K J 1/10W	K
R678,679			RK73GB2A332J	CHIP R 3.3K J 1/10W		R814			RK73GB2A334J	CHIP R 330K J 1/10W	K
R680			RK73GB2A104J	CHIP R 100K J 1/10W		R815,816			RK73GB2A104J	CHIP R 100K J 1/10W	K
R690,691			RK73FB2B000J	CHIP R 0.0 J 1/8W		R817			RK73FB2B000J	CHIP R 0.0 J 1/8W	K
R693			RK73GB2A103J	CHIP R 10K J 1/10W		R818			RK73FB2B820J	CHIP R 82 J 1/8W	K
R695			RK73GB2A000J	CHIP R 0.0 J 1/10W		R819			RK73FB2B471J	CHIP R 470 J 1/8W	K
R697			RK73GB2A000J	CHIP R 0.0 J 1/10W		R821			RK73GB2A000J	CHIP R 0.0 J 1/10W	K
R698			RK73GB2A472J	CHIP R 4.7K J 1/10W		R822			RK73FB2B473J	CHIP R 47K J 1/8W	K
R699			RK73GB2A000J	CHIP R 0.0 J 1/10W		R823			RK73FB2B102J	CHIP R 1.0K J 1/8W	K
R700			RK73GB2A220J	CHIP R 22 J 1/10W		R824			RK73FB2B820J	CHIP R 82 J 1/8W	K
R701			RK73GB2A103J	CHIP R 10K J 1/10W		R825			RK73FB2B122J	CHIP R 1.2K J 1/8W	K
R702			RK73GB2A472J	CHIP R 4.7K J 1/10W		R826			RK73GB2A000J	CHIP R 0.0 J 1/10W	K
R703			RK73GB2A473J	CHIP R 47K J 1/10W		R827			RK73GB2A104J	CHIP R 100K J 1/10W	K
R706			RK73FB2B000J	CHIP R 0.0 J 1/8W		R850			RK73GB2A103J	CHIP R 10K J 1/10W	
R707-713			RK73GB2A474J	CHIP R 470K J 1/10W		R851,852			RK73GB2A100J	CHIP R 10 J 1/10W	
R714			RK73GB2A104J	CHIP R 100K J 1/10W		R853-856			RK73GB2A103J	CHIP R 10K J 1/10W	
R715			RK73GB2A474J	CHIP R 470K J 1/10W		R857			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R716			RK73GB2A104J	CHIP R 100K J 1/10W		R858			RK73GB2A103J	CHIP R 10K J 1/10W	
R717			RK73GB2A102J	CHIP R 1.0K J 1/10W		R860,861			RK73GB2A100J	CHIP R 10 J 1/10W	

PARTS LIST

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Desti-nation	Ref. No.	Address	New parts	Parts No.	Description	Desti-nation
R862			RK73GB2A102J	CHIP R 1.0K J 1/10W		IC505			NJM4558M-ZB	MOS-IC	
R863			RK73GB2A103J	CHIP R 10K J 1/10W		IC506			L78LR05B-FA	MOS-IC	
R864			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC508			NJM4558M-ZB	MOS-IC	
R865			RK73GB2A272J	CHIP R 2.7K J 1/10W		IC509		*	MC33172DG	MOS-IC	
R866			RK73GB2A101J	CHIP R 100 J 1/10W		IC510			NJM4558M-ZB	MOS-IC	
R867			RK73GB2A100J	CHIP R 10 J 1/10W		IC512			M62364FP-F	MOS-IC	
R868			RK73GB2A682J	CHIP R 6.8K J 1/10W		IC513			NJM4558M-ZB	MOS-IC	
R869,870			RK73GB2A100J	CHIP R 10 J 1/10W		IC514			AT24C64CN-SH	ROM IC	
R871-873			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC515			BU4066BCF	MOS-IC	
R874			RK73GB2A100J	CHIP R 10 J 1/10W		IC516			784214AGC185A	MICROPROCESSOR IC	
R875,876			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC517			BU4094BCF	MOS-IC	
R877			RK73GB2A100J	CHIP R 10 J 1/10W		IC518			NJM4558M-ZB	MOS-IC	
R881			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC519			AT29C02090TU	ROM IC	
R882			RK73GB2A473J	CHIP R 47K J 1/10W		IC520		*	TC7S02F-F	MOS-IC	
R883			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC521			NJM4558M-ZB	MOS-IC	
R890			RK73GB2A103J	CHIP R 10K J 1/10W		IC522		*	TDA8561Q	BI-POLAR IC	
R900			RK73GB2A331J	CHIP R 330 J 1/10W		IC523			BU4094BCF	MOS-IC	
VR501			R12-6417-05	TRIMMING POT.(1K)		IC524			NJM4558M-ZB	MOS-IC	
VR801			R12-6429-05	TRIMMING POT.(100K)	K	IC526			TA75S01F-F	MOS-IC	
						IC527			CMX865AE4	MOS-IC	
D101			1SS355	DIODE		IC528-530			TC7WBD125AFK	MOS-IC	
D102		*	1SV269-F	VARIABLE CAPACITANCE DIODE		IC531			XC6204B332M	MOS-IC	
D103			MA3J742	DIODE		IC532			NJM4558M-ZB	MOS-IC	
D104,105		*	1SV269-F	VARIABLE CAPACITANCE DIODE		IC533			S-80942CNNB-G	MOS-IC	
D106-109			DAN235K	DIODE		IC801			TA75W01FUF	MOS-IC	K
D201,202			DA204K	DIODE		IC802			RA60H13171123	MOS-IC	K
D301-304			1SV282-F	VARIABLE CAPACITANCE DIODE		IC850			XC6204B332M	MOS-IC	
D305			1SV214-F	VARIABLE CAPACITANCE DIODE		IC851,852			TC7WBD125AFK	MOS-IC	
D306			DAN235K	DIODE		IC853		*	LMX2485E	MOS-IC	
D501		*	02C218(X,Y)F	ZENER DIODE		Q101,102			2SC3357-A	TRANSISTOR	
D502,503			1SS355	DIODE		Q104			2SC3357-A	TRANSISTOR	
D504		*	02CZ5.6(X,Y)F	ZENER DIODE		Q105		*	DTA144EUB	DIGITAL TRANSISTOR	
D505			1SS355	DIODE		Q106		*	DTC144EUB	DIGITAL TRANSISTOR	
D506			1SS301F	DIODE		Q107			2SC4215-F(Y)	TRANSISTOR	
D507		*	02C215(X,Y)F	ZENER DIODE		Q108		*	DTC144EUB	DIGITAL TRANSISTOR	
D508			1SS355	DIODE		Q109			2SC4617(S)	TRANSISTOR	
D511			1SS301F	DIODE		Q201			2SC3357-A	TRANSISTOR	
D512			1SS355	DIODE		Q202			2SB1132(Q,R)	TRANSISTOR	
D513-517			DA204U	DIODE		Q203		*	DTC114EUB	DIGITAL TRANSISTOR	
D519			DA204U	DIODE		Q204			2SC2954-AZ	TRANSISTOR	
D521			DA204U	DIODE		Q205		*	DTC114EUB	DIGITAL TRANSISTOR	
D523,524			DA204U	DIODE		Q206			2SB1132(Q,R)	TRANSISTOR	
D526,527			DA204U	DIODE		Q301,302			2SC4116(GR)F	TRANSISTOR	
D528,529			1SS355	DIODE		Q303,304			2SC3722K(S)	TRANSISTOR	
D801			22ZR-10D	SURGE ABSORBER	K	Q305,306			2SK508NV(K52)	FET	
D802			DSA3A1-FK	DIODE	K	Q307,308			2SC4116(Y)F	TRANSISTOR	
D803,804			MA4PH633	DIODE	K	Q309		*	DTC114EUB	DIGITAL TRANSISTOR	
D805			02DZ6.2F-Y	ZENER DIODE	K	Q310			2SC4215-F(Y)	TRANSISTOR	
D806,807			MA4PH633	DIODE	K	Q311			2SC4226-A(R24)	TRANSISTOR	
D808,809			HSM88AS-E	DIODE	K	Q312		*	2SC4197-E	TRANSISTOR	
D810			1SS388F	DIODE	K	Q501		*	DTA114EUB	DIGITAL TRANSISTOR	
D850			1SS355	DIODE		Q502,503		*	DTC114EUB	DIGITAL TRANSISTOR	
IC101			TA31136FNG	MOS-IC		Q504			DTC363EU	DIGITAL TRANSISTOR	
IC201			BU4094BCF	MOS-IC		Q505		*	DTC144EUB	DIGITAL TRANSISTOR	
IC202			NJM78L05UA-ZB	BI-POLAR IC		Q506		*	DTA114YUB	DIGITAL TRANSISTOR	
IC203			AN8009M	MOS-IC		Q507		*	DTC114YUB	DIGITAL TRANSISTOR	
IC501			TC4013BF(N)-F	MOS-IC		Q509-513		*	DTC144EUB	DIGITAL TRANSISTOR	
IC502			NJM4558M-ZB	MOS-IC		Q514		*	DTA144TKA	DIGITAL TRANSISTOR	
IC503			KIA7808API	MOS-IC		Q516		*	DTA114TUB	DIGITAL TRANSISTOR	
IC504			TC35453FG6	MOS-IC		Q517		*	DTC144EUB	DIGITAL TRANSISTOR	

K : TK-790(B)K
HK : TK-790H(B)K

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

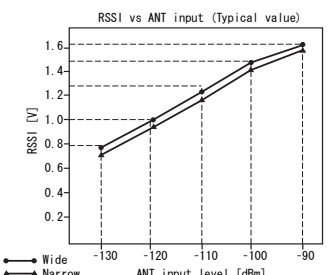
TK-790/(B), TK-790H(B)

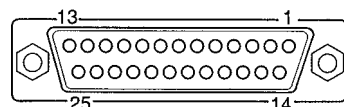
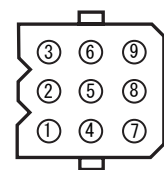
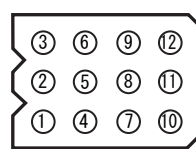
PARTS LIST

TX-RX UNIT (X57-5610-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
Q518		*	DTA114EUB	DIGITAL TRANSISTOR							
Q519			2SJ506-E(S)	FET							
Q520			DTD114EK	DIGITAL TRANSISTOR							
Q522			2SC4215-F(Y)	TRANSISTOR							
Q523,524		*	DTC114TUB	DIGITAL TRANSISTOR							
Q525		*	DTC144EUB	DIGITAL TRANSISTOR							
Q526		*	DTA114TUB	DIGITAL TRANSISTOR							
Q527		*	DTC144EUB	DIGITAL TRANSISTOR							
Q528		*	DTA114TUB	DIGITAL TRANSISTOR							
Q529,530		*	DTC144EUB	DIGITAL TRANSISTOR							
Q531		*	DTA114TUB	DIGITAL TRANSISTOR							
Q532-536		*	DTC144EUB	DIGITAL TRANSISTOR							
Q537-540			DTD114EK	DIGITAL TRANSISTOR							
Q541		*	DTC114EUB	DIGITAL TRANSISTOR							
Q542		*	DTA114EUB	DIGITAL TRANSISTOR							
Q543,544		*	DTC114EUB	DIGITAL TRANSISTOR							
Q545			DTC144EEB	DIGITAL TRANSISTOR							
Q546			2SK1830F	FET							
Q850			DTC144EEB	DIGITAL TRANSISTOR							
Q851			2SA1832(GR)F	TRANSISTOR							
Q852			2SK1824-A	FET							
TH101			157-503-53006	THERMISTOR							
TH501			157-302-53008	THERMISTOR							
A101		*	W02-1939-05	DBM							

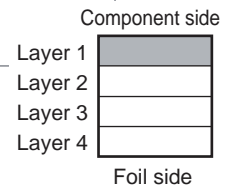
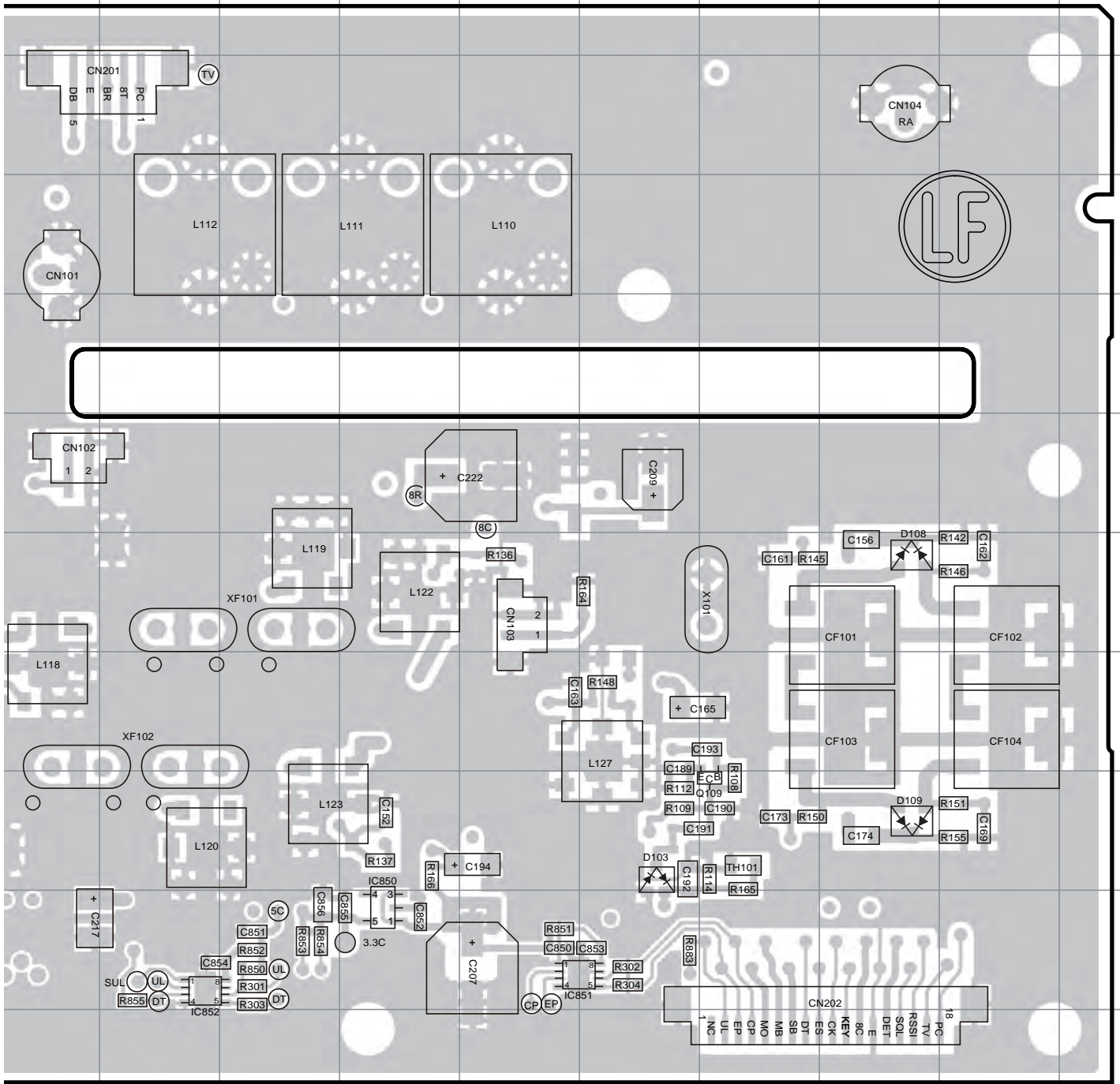
TERMINAL FUNCTION

Connector No.	Terminal No.	Terminal Name	I/O	Terminal Function
Acc 25 pin D-sub connector				
	1	RSI	O	RSSI signal output 
	2	AI1	I	Auxiliary input 1 (FPU selectable)
	3	AI2	I	Auxiliary input 2 (FPU selectable)
	4	AI3	I	Auxiliary input 3 (FPU selectable)
	5	AI4	I	Auxiliary input 4 (FPU selectable)
	6	AI5	I	Auxiliary input 5 (FPU selectable)
	7	E	-	Earth
	8	AO2	O	Auxiliary output 1 (FPU selectable)
	9	TXD2	O	Serial data output
	10	RXD2	I	Serial data input
	11	TXS	O	TX sense signal output "H" : TX, "L" : Another
	12	MCM	I	MIC mute signal input "L" : Mute on, "H" : No change
	13	MI/DI	I	MIC/Data signal input 1 (Default : DI) Input impedance DI : 10kΩ or more MI : 600Ω Coupling DI : DC coupling MI : DC coupling Frequency response DI : ~9.6kHz +1/-3dB (1kHz=0dB) MI : Compliance with TIA/EIA-603 Deviation DI : 60% deviation or more (1kHz 2.5Vp-p input) MI : 60% deviation (1kHz 5mV ±1.5mV input)
	14	NC (SB)	O	Non connection (SB : 13.6V or 13.4V 0.5A max Refer to the TK-790 service manual (B51-8438-10) page 20.)
	15	RSV1	-	Reserved
	16	RSV2	-	Reserved
	17	AFO	O	RX audio signal output (Same as CN504 pin No.1) RX condition : RX audio output Output level 350mVrms typ (Standard modulation) PA condition : MIC output Output level 300mVrms (1kHz 5mV input)
	18	E	-	Earth
	19	DEO	O	Detector signal output Output impedance 1kΩ or less Coupling DC coupling

Connector No.	Terminal No.	Terminal Name	I/O	Terminal Function
				Output level : 100mVrms (Standard modulation) Output frequency response : Wide : 300~4.8kHz +1/-2dB 4.8~9.6kHz +1/-24dB Narrow : 300~4.8kHz +1/-10dB (1kHz=0dB)
	20	AO1	O	Auxiliary output 1 (FPU selectable)
	21	AO3	O	Auxiliary output 3 (FPU selectable)
	22	AO4	O	Auxiliary output 4 (FPU selectable)
	23	SQ	O	Squelch signal output "L" : Busy, "H" : Not busy
	24	SPM	I	Speaker mute signal input "L" : Mute on
	25	ME	-	MIC earth 
Acc 9 pin connector				
	1	IGN	I	Ignition sense input
	2	ES2	O	BTL output for external speaker A
	3	RS1	I	Remote speaker switch
	4	HR1	O	Horn alert signal output 1
	5	HR2	O	Horn alert signal output 2
	6	ES1	O	BTL output for external speaker A
	7	OS1	O	BTL output for external speaker B (PA)
	8	OS2	O	BTL output for external speaker B (PA)
	9	E	-	Earth 
Acc 12 pin connector (Remote kit)				
	1	IGN	I	Ignition sense input
	2	SB	O	Power output after power switch (13.6V or 13.4±V15%)
	3	E	-	Earth
	4	MIC	I	MIC signal input
	5	ME	-	MIC earth
	6	AI1	I	Auxiliary input 1 (FPU selectable)
	7	AI2	I	Auxiliary input 2 (FPU selectable)
	8	AO1	O	Auxiliary output 1 (FPU selectable)
	9	AO2	O	Auxiliary output 2 (FPU selectable)
	10	RS1	O	Remote speaker output
	11	RS2	O	Remote speaker output
	12	-	-	Non connection 

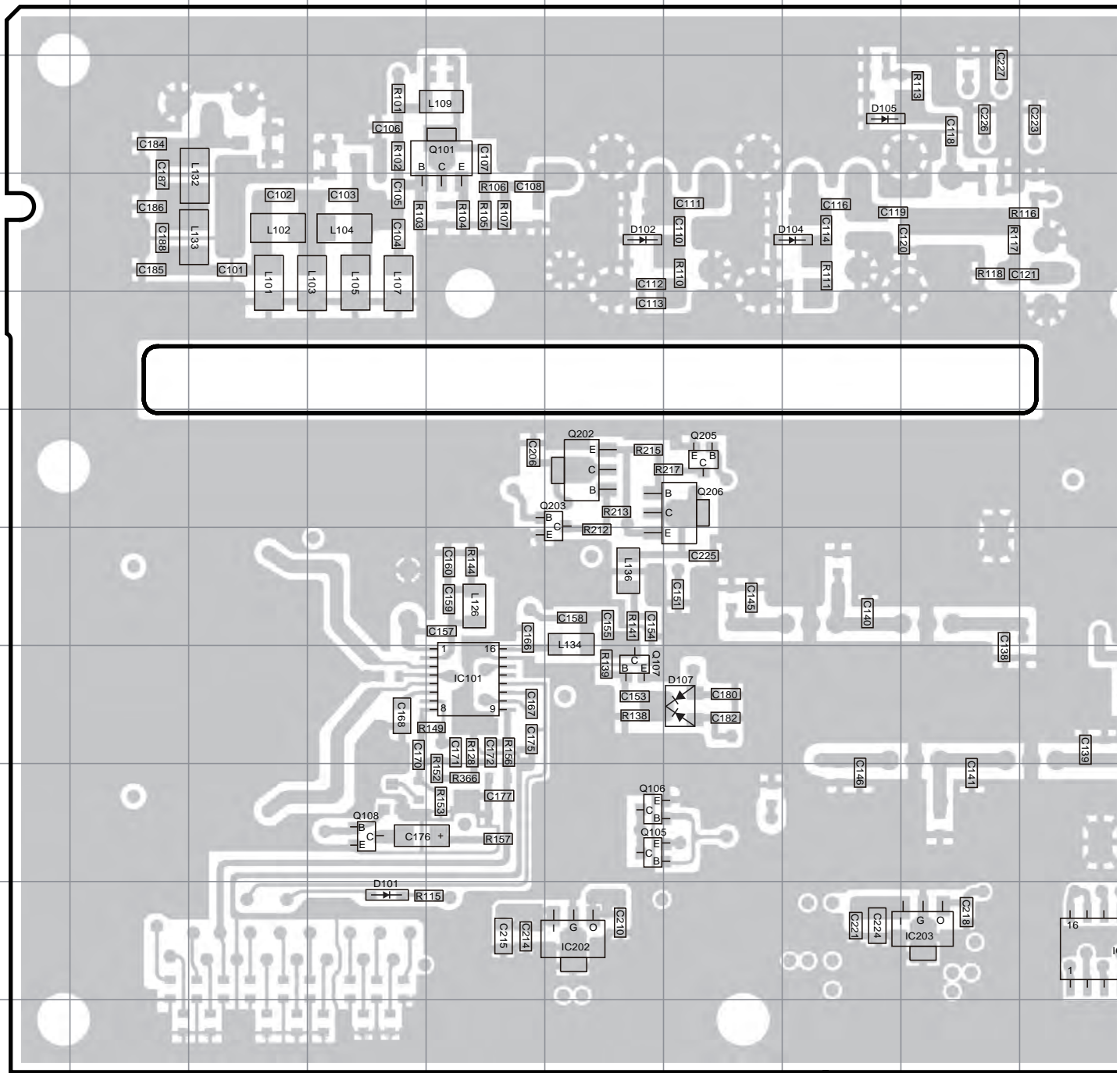
PC BOARD TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION -10: TK-790/(B)K -12: TK-790H(B)K
 Component side view (J72-0990-29 A/3)



TK-790/(B), TK-790H(B) PC BOARD

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION -10: TK-790/(B)K -12: TK-790H(B)K
 Foil side view (J72-0990-29 A/3)

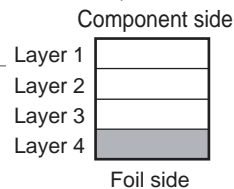
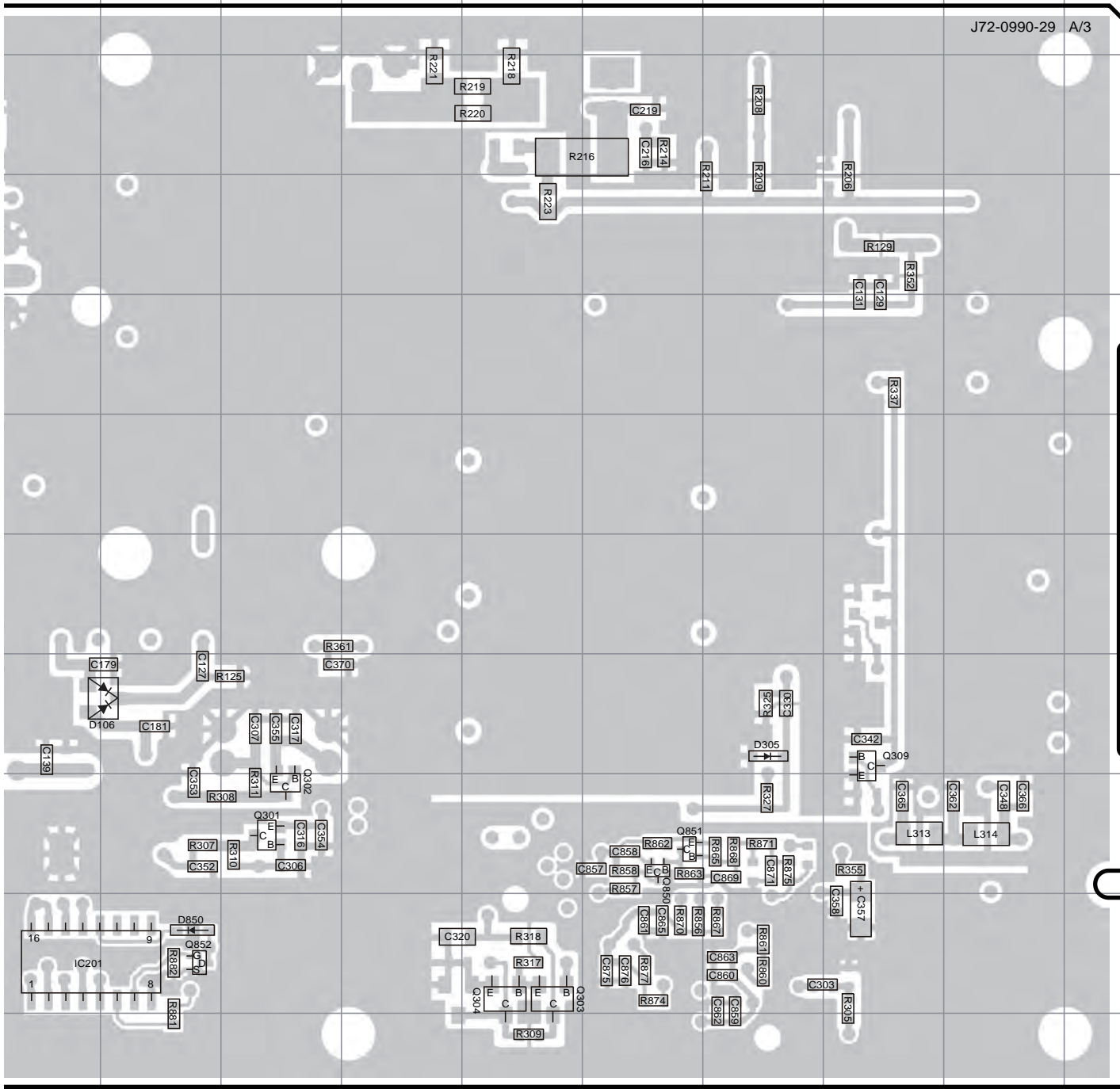


Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address
IC101	8E	Q107	8F	Q302	9L	D101	10D	D850	10K
IC201	10J	Q108	9D	Q303	10N	D102	4F		
IC203	10I	Q202	6F	Q304	10N	D104	4H		
Q101	3E	Q203	6F	Q309	8Q	D105	3H		
Q105	9F	Q205	6G	Q850	9O	D106	8K		
Q106	9F	Q206	6G	Q851	9O	D107	8G		
		Q301	9L	Q852	10K	D305	8P		

PC BOARD TK-790/(B), TK-790H(B)

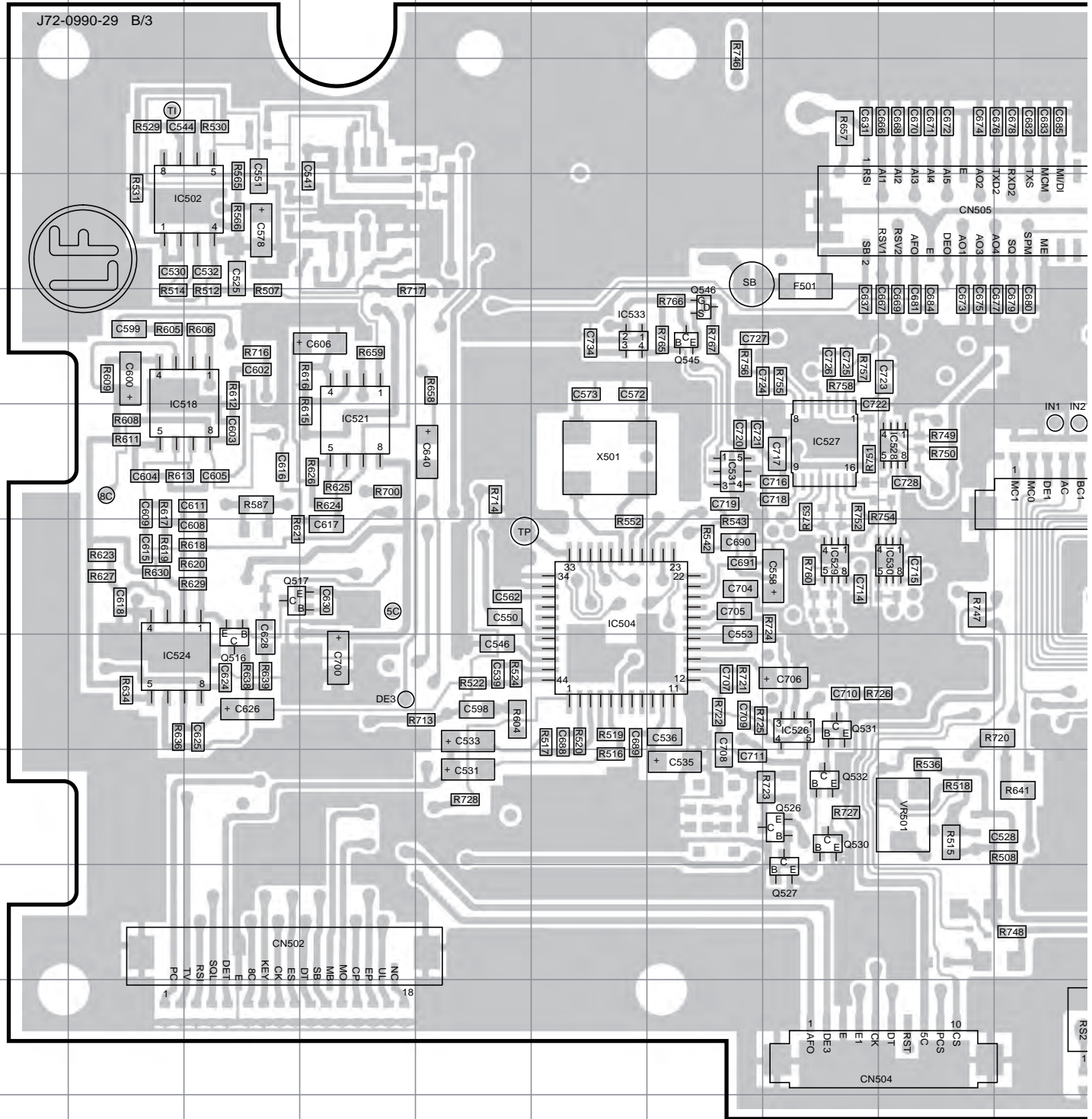
TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION -10: TK-790/(B)K -12: TK-790H(B)K
 Foil side view (J72-0990-29 A/3)

J72-0990-29 A/3



TK-790/(B), TK-790H(B) PC BOARD

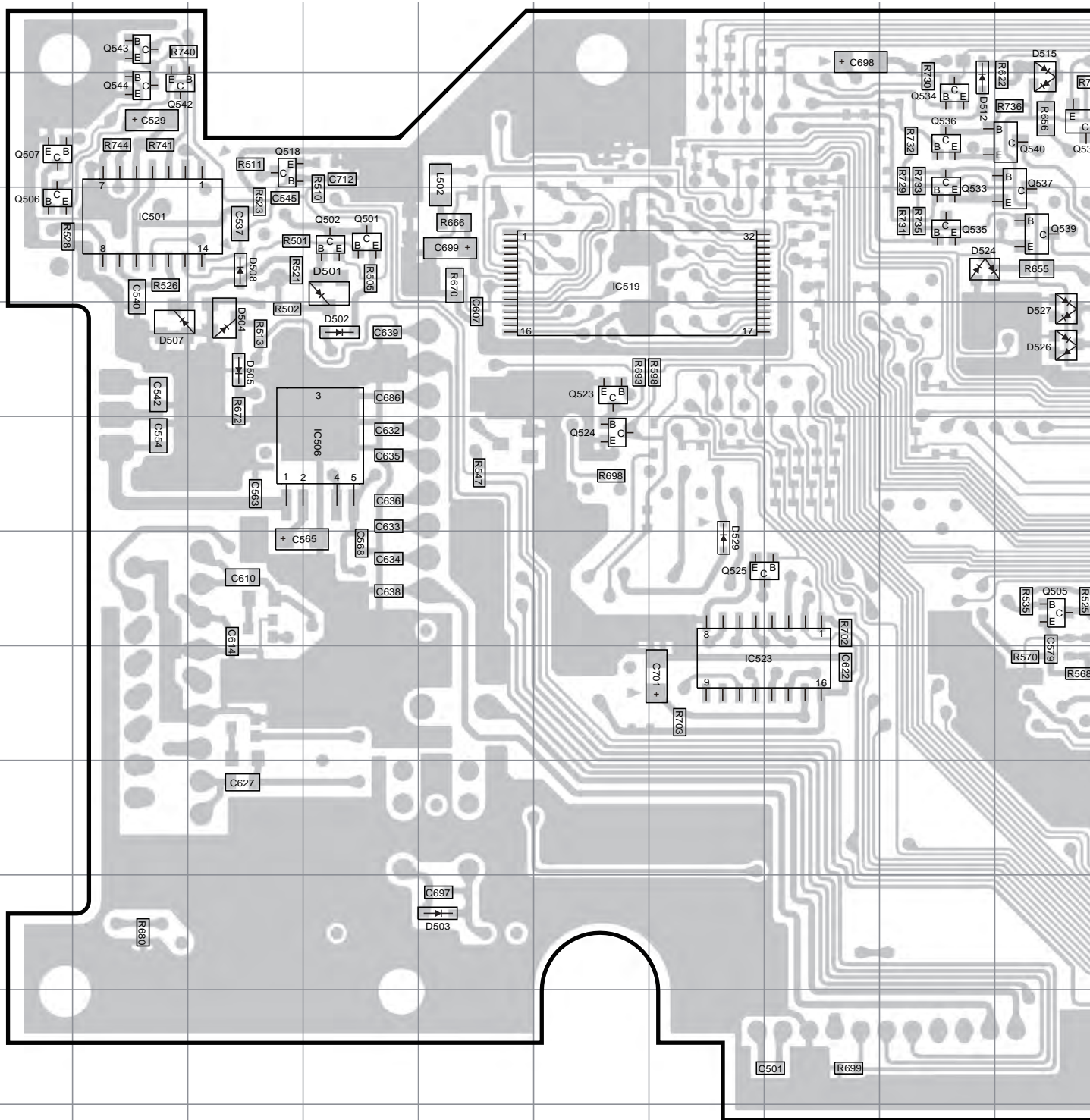
TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10: TK-790/(B)K -12: TK-790H(B)K
Component side view (J72-0990-29 B/3)



Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address
IC502	4C	IC520	3N	IC528	6I	Q514	10R	Q526	9H	Q545	5G
IC503	6R	IC521	6D	IC529	7H	Q516	8C	Q527	10H	Q546	5G
IC504	7F	IC522	8R	IC530	7I	Q517	7C	Q530	9H		
IC514	2M	IC524	8B	IC531	6G	Q519	4R	Q531	8H		
IC516	4M	IC526	8H	IC533	5F	Q520	10O	Q532	9H		
IC518	5B	IC527	6H	Q503	4Q	Q522	3L	Q541	3R		

TK-790/(B), TK-790H(B) PC BOARD

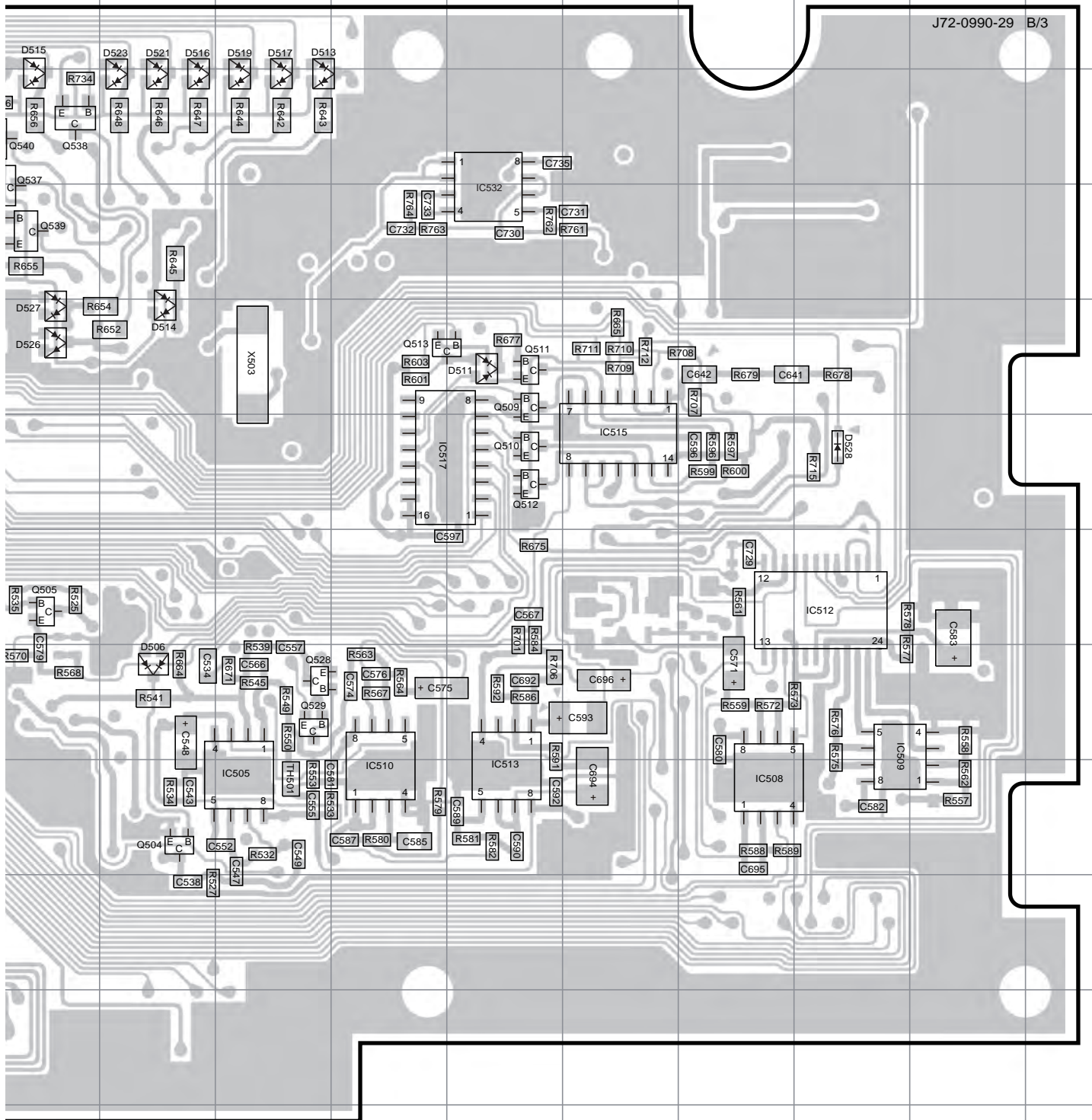
TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10: TK-790/(B)K -12: TK-790H(B)K
Foil side view (J72-0990-29 B/3)



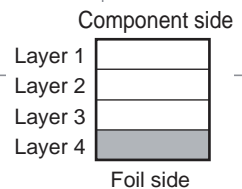
Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref
IC501	4B	IC512	7Q	IC532	4N	Q507	3A	Q518	3C	Q533	3I	Q539	4J	D501
IC505	9L	IC513	9N	Q501	4D	Q509	5N	Q523	5F	Q534	3I	Q540	3I	D502
IC506	6D	IC515	6O	Q502	4D	Q510	6N	Q524	6F	Q535	4I	Q542	3B	D503
IC508	9P	IC517	6M	Q504	9K	Q511	5N	Q525	7G	Q536	3I	Q543	2B	D504
IC509	8Q	IC519	4F	Q505	7J	Q512	6N	Q528	8L	Q537	4J	Q544	3B	D505
IC510	9M	IC523	8G	Q506	4A	Q513	5M	Q529	8L	Q538	3J	D501	4D	D506

PC BOARD TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10: TK-790/(B)K -12: TK-790H(B)K
 Foil side view (J72-0990-29 B/3)

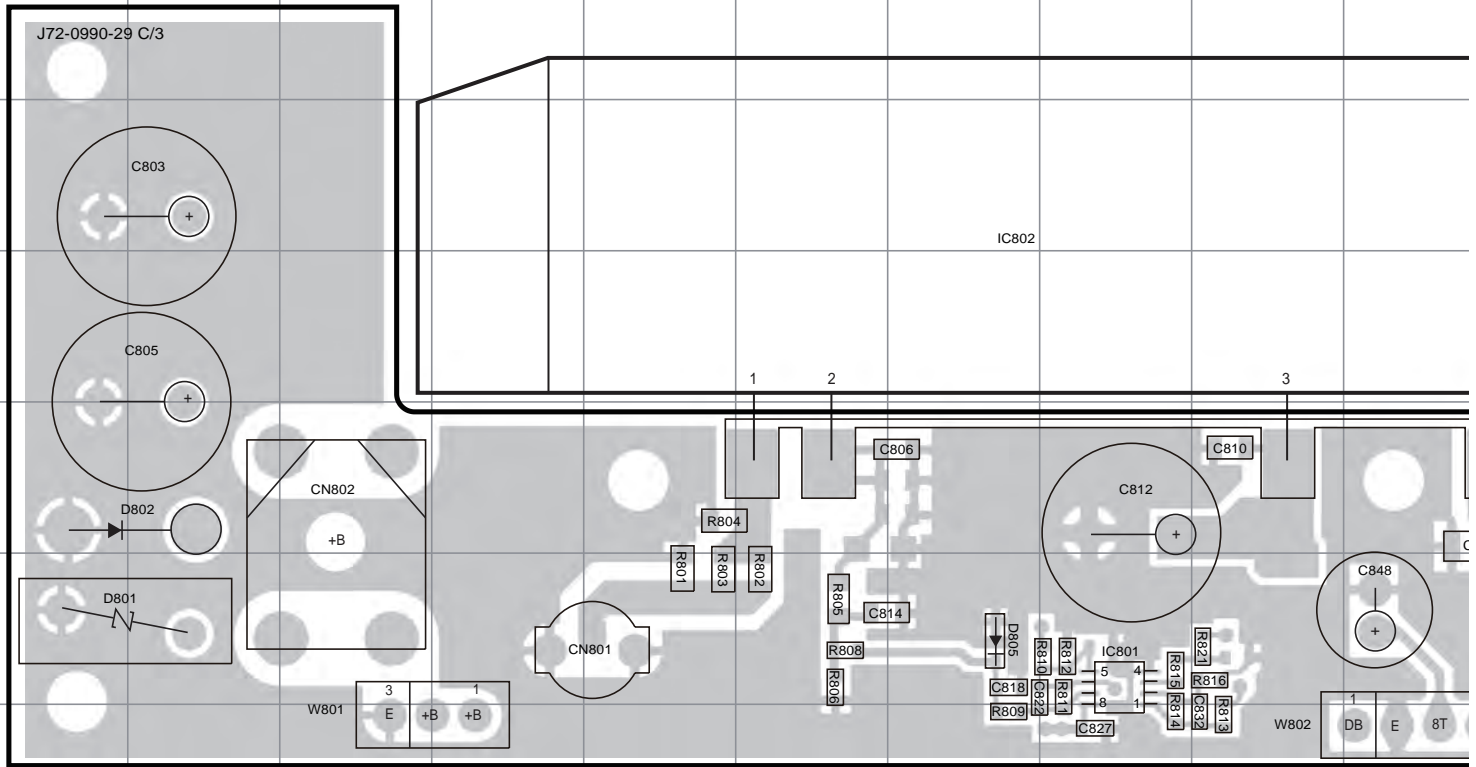


Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address
D502	5D	D508	4C	D516	3K	D526	5J
D503	10E	D511	5N	D517	3L	D527	5J
D504	5C	D512	3I	D519	3L	D528	6Q
D505	5C	D513	3L	D521	3K	D529	7G
D506	8K	D514	5K	D523	3K		
D507	5B	D515	3J	D524	4I		

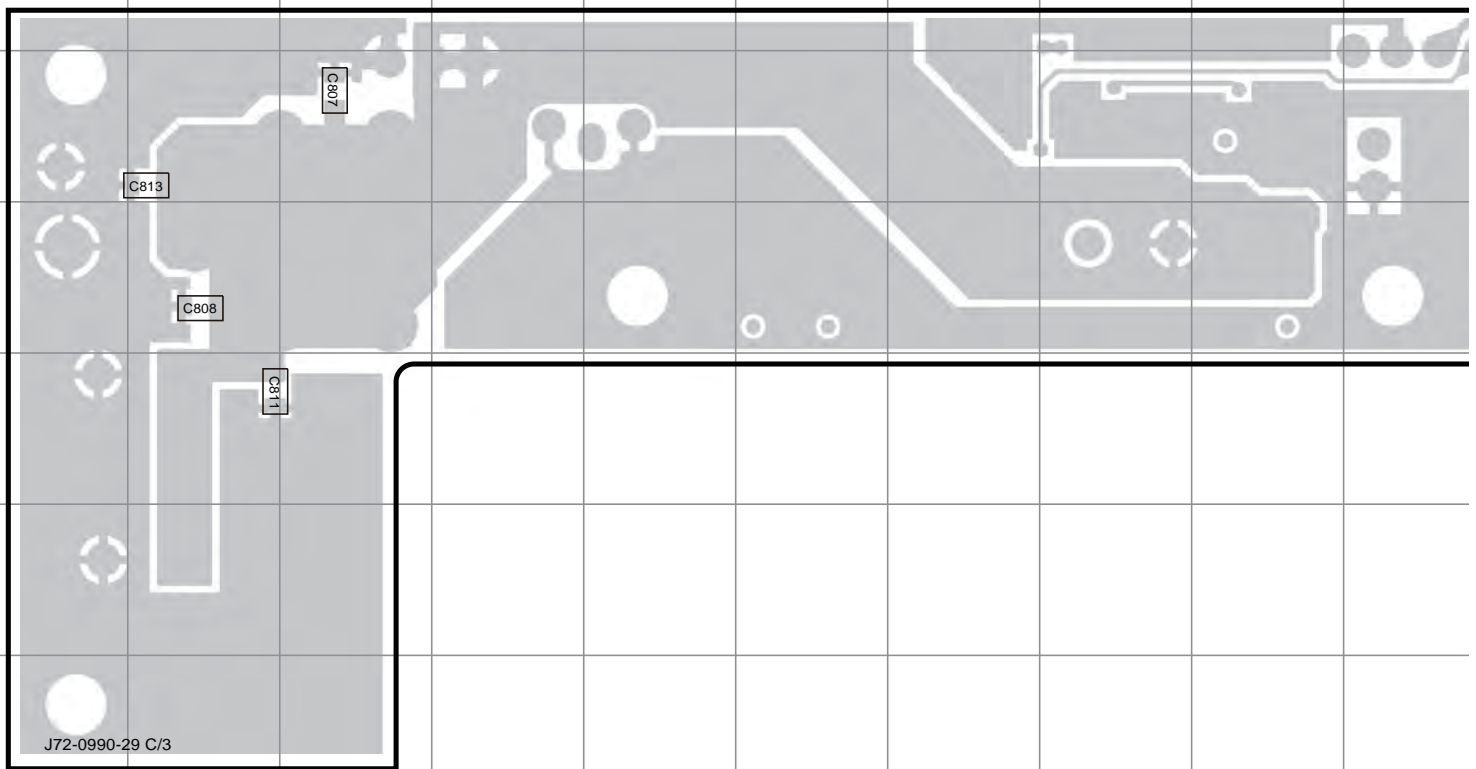


TK-790/(B) PC BOARD

TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION Component side view (J72-0990-29 C/3)

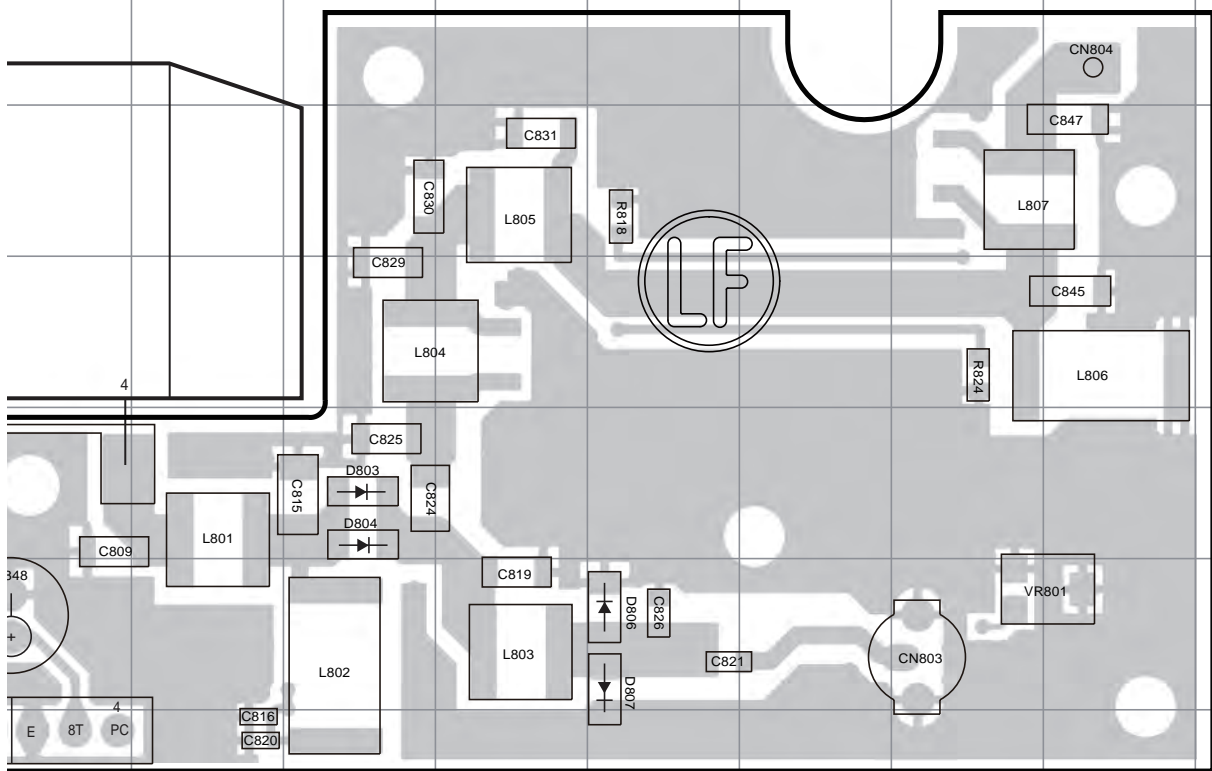


TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION Foil side view (J72-0990-29 C/3)

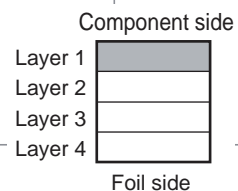


PC BOARD TK-790/(B)

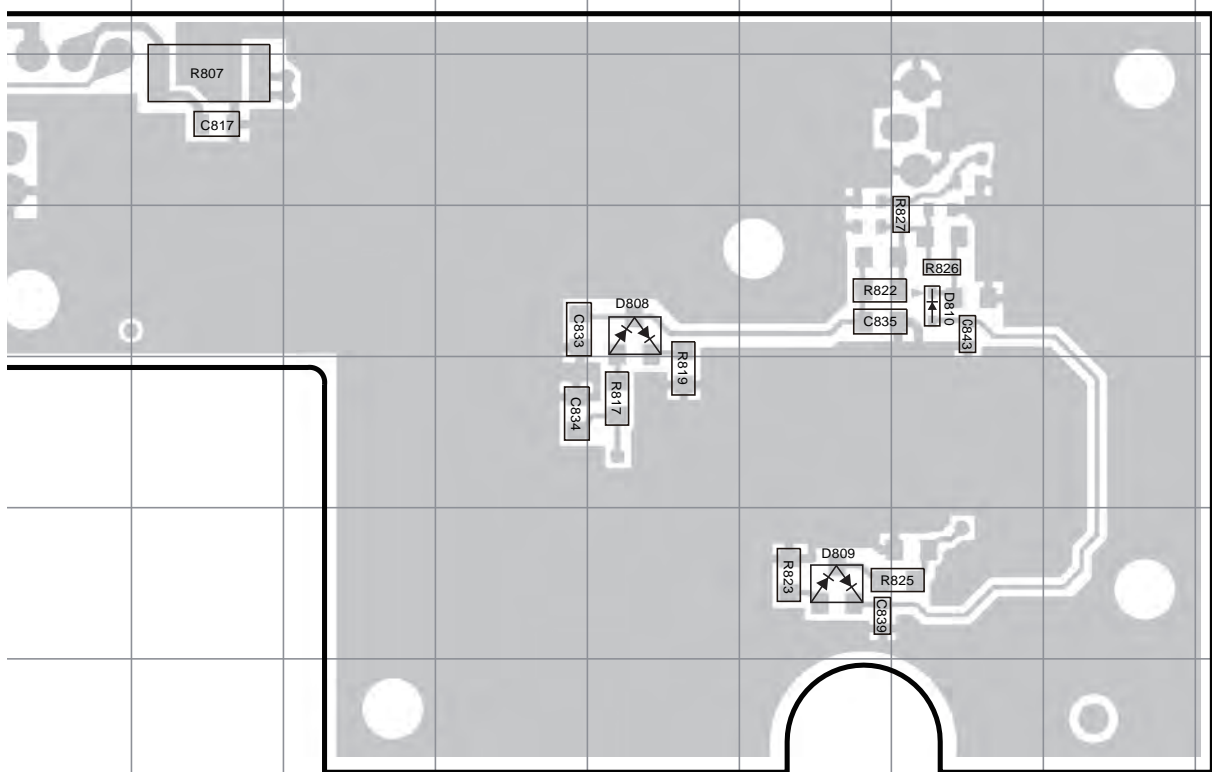
TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION Component side view (J72-0990-29 C/3)



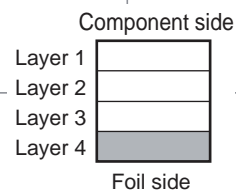
Ref No.	Address
IC801	6H
IC802	3G
D801	6A
D802	5B
D803	5L
D804	5L
D805	6G
D806	6N
D807	6N



TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION Foil side view (J72-0990-29 C/3)

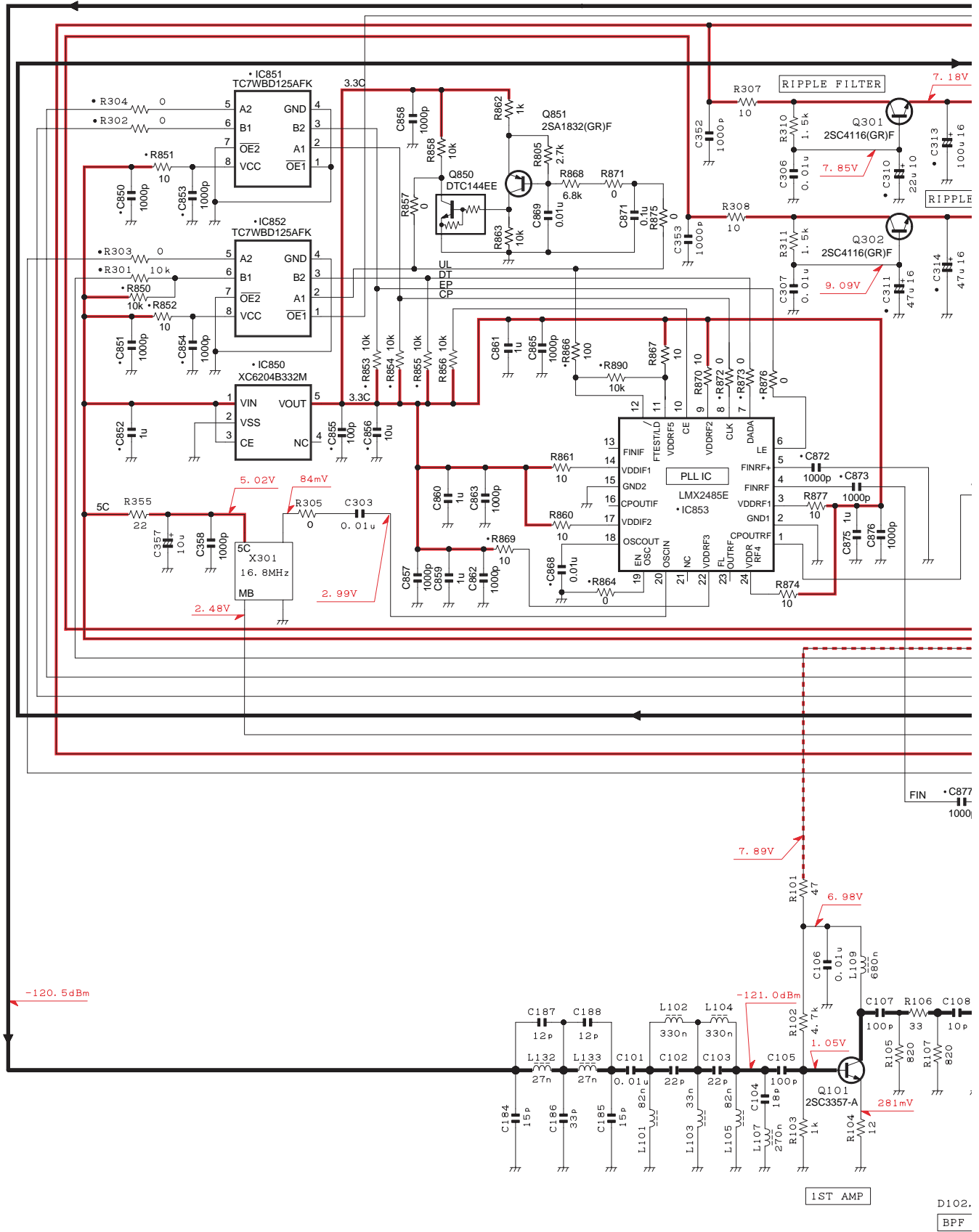


Ref No.	Address
D808	10N
D809	12O
D810	10P



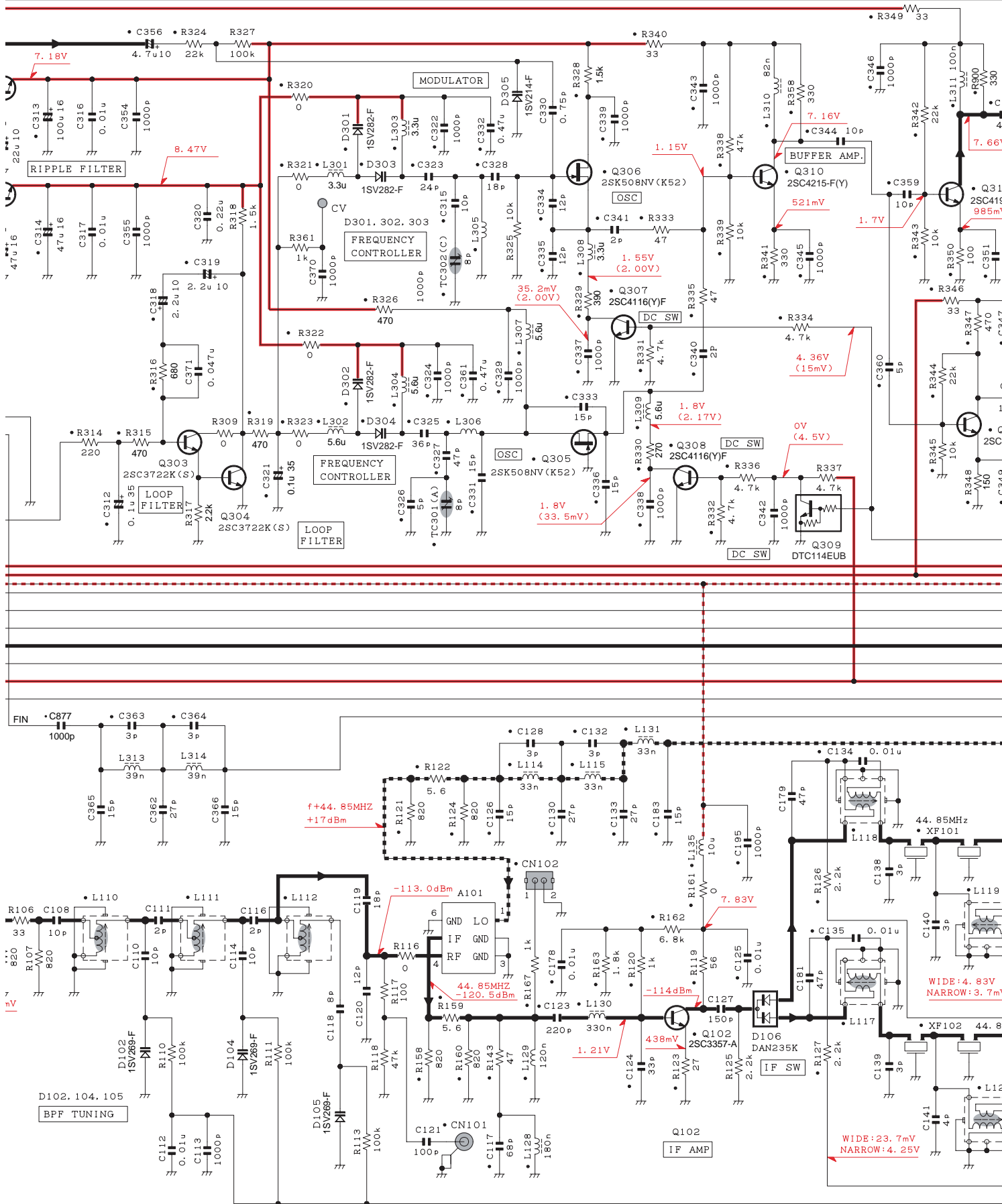
TK-790/(B), TK-790H(B) SCHEMATIC DIAGRAM

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION -10 : TK-790/(B)K -12 : TK-790H(B)K



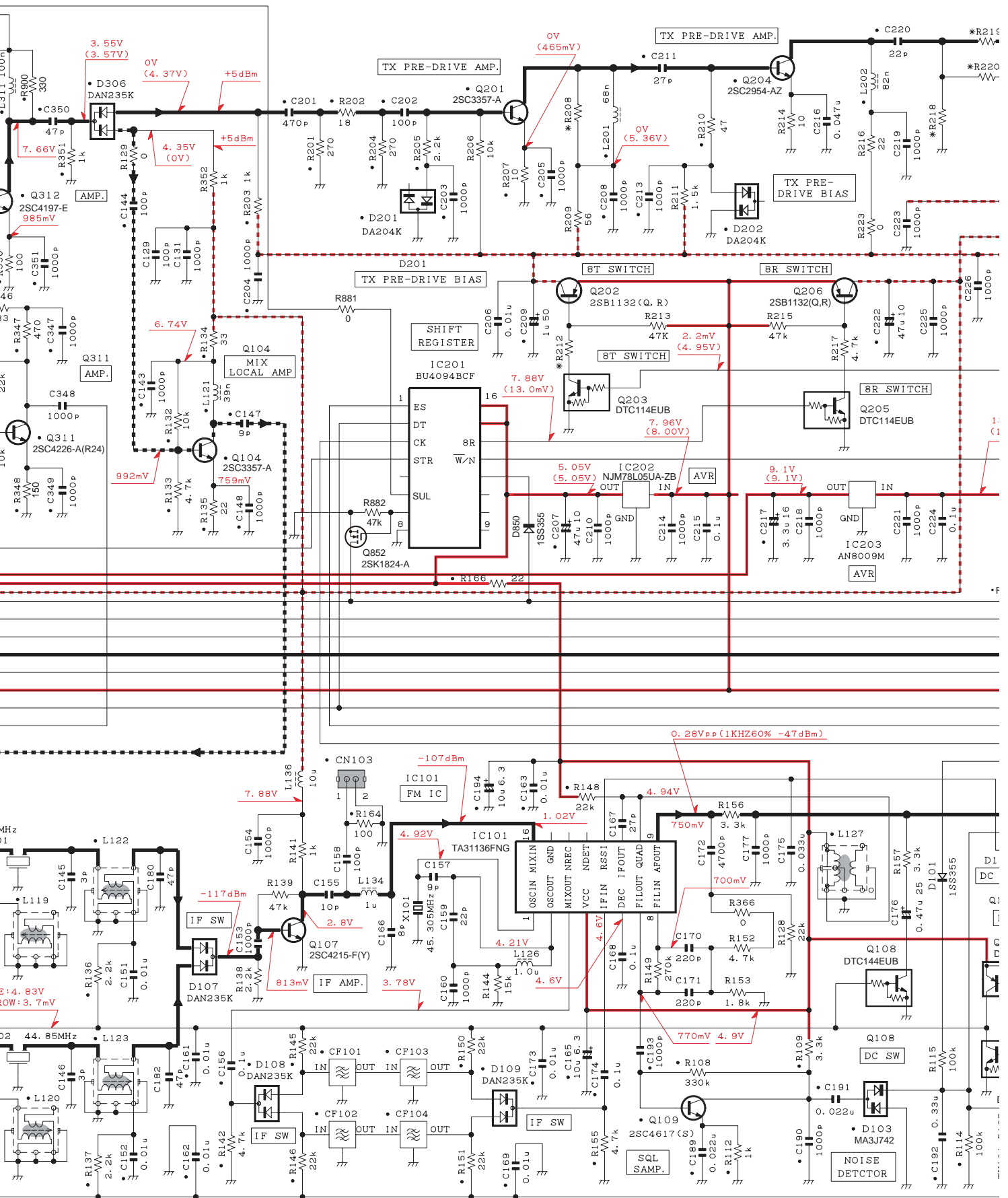
SCHEMATIC DIAGRAM TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION



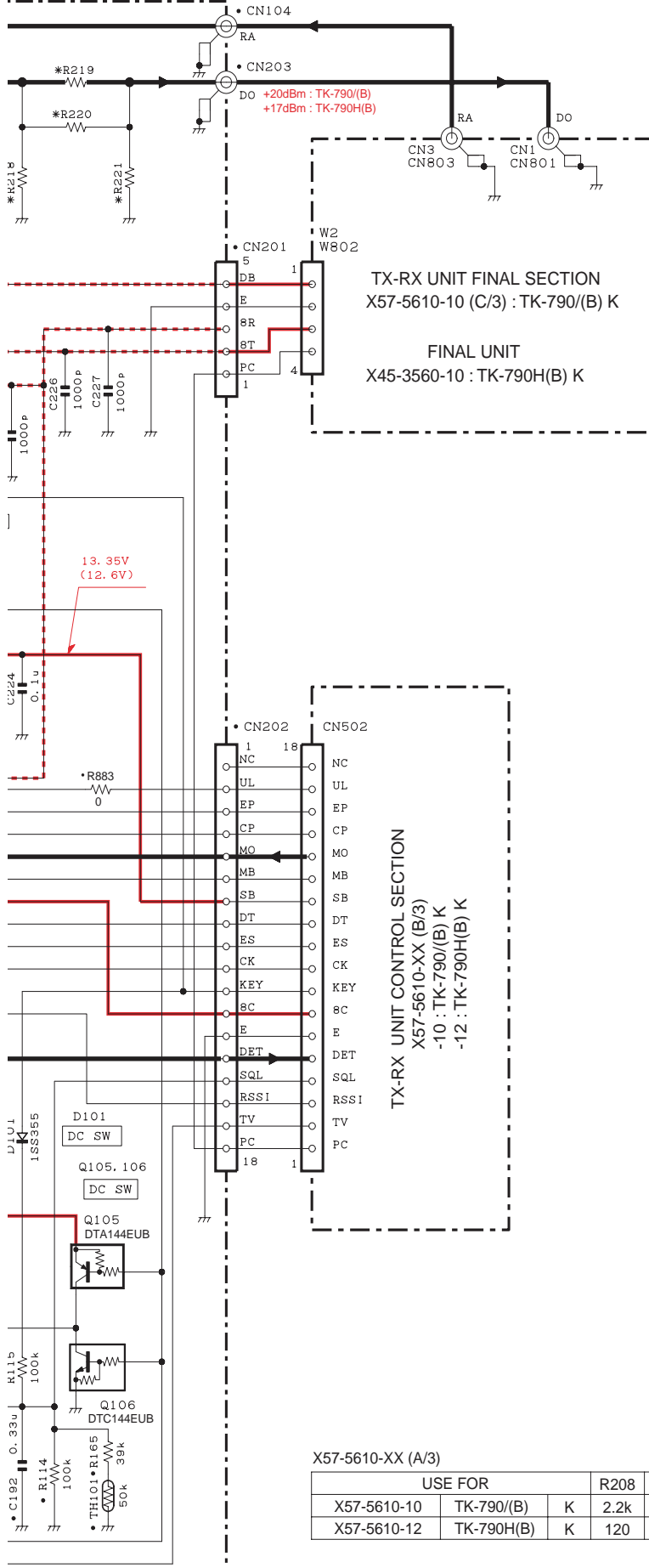
TK-790/(B), TK-790H(B) SCHEMATIC DIAGRAM

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION



SCHEMATIC DIAGRAM TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION



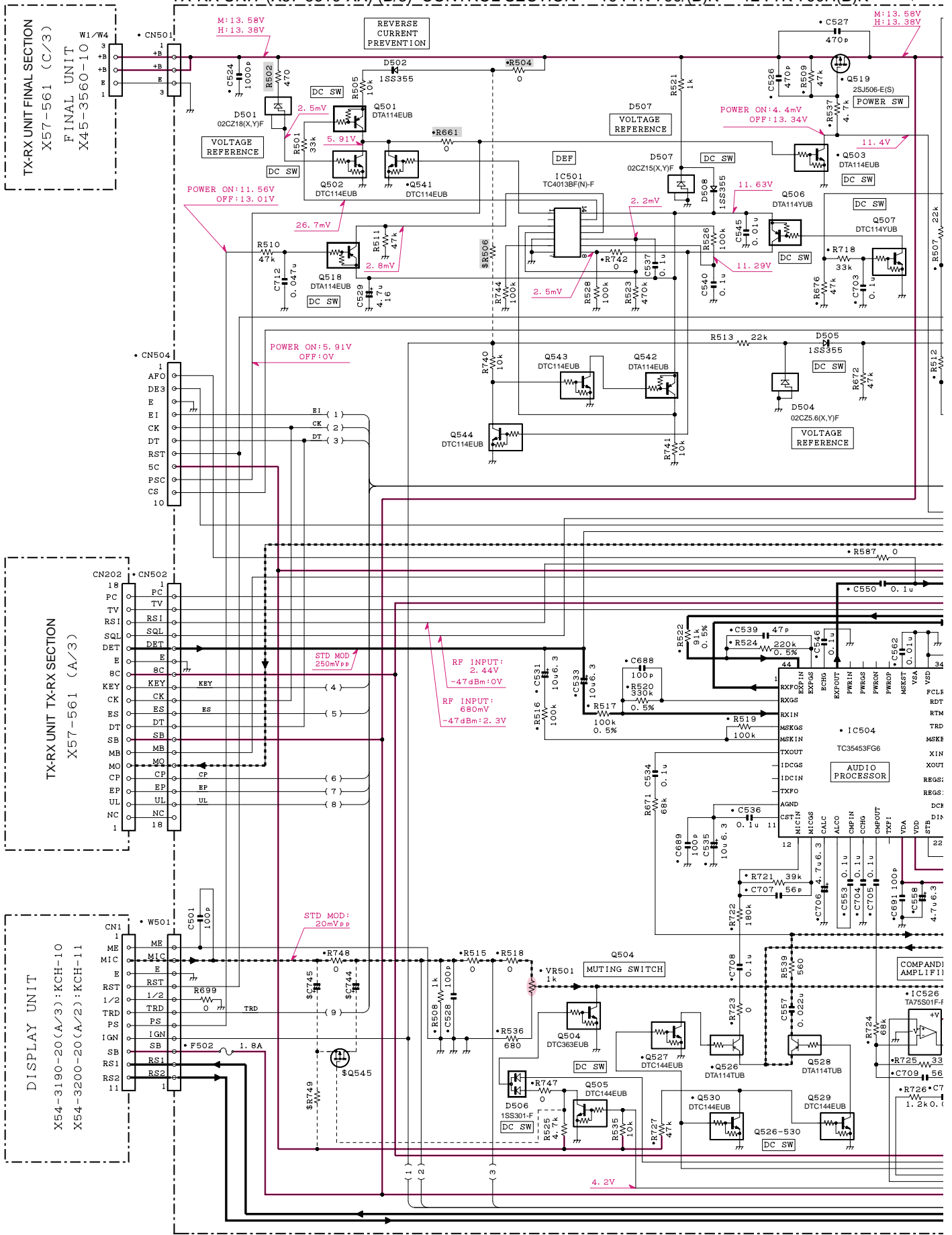
X57-5610-XX (A/3)

USE FOR		R208	R218	R219	R220	R221
X57-5610-10	TK-790/(B) K	2.2k	820	10	10	820
X57-5610-12	TK-790H(B) K	120	180	68	68	180

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

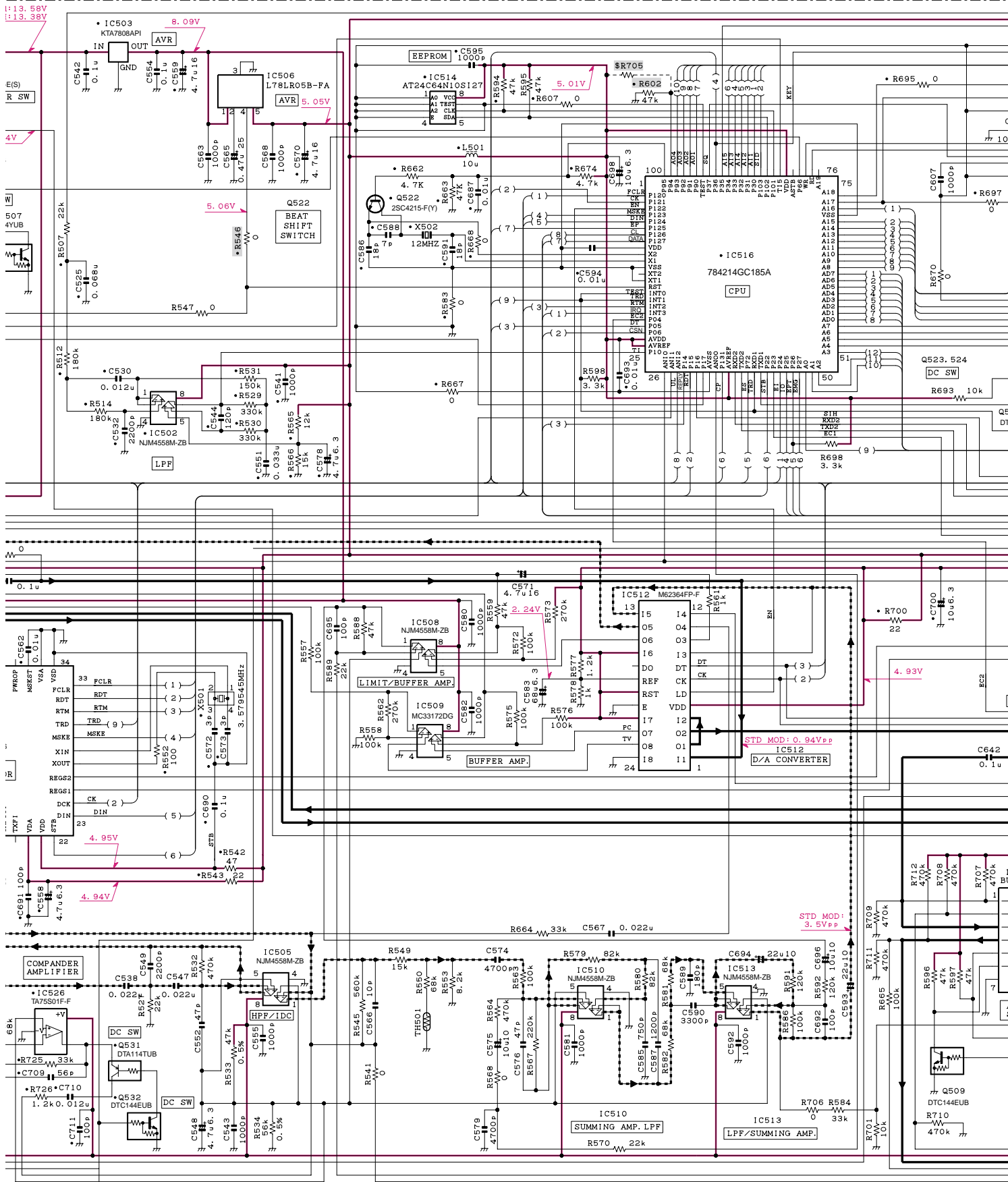
TK-790/(B), TK-790H(B) SCHEMATIC DIAGRAM

TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10 : TK-790/(B)K -12 : TK-790H(B)K



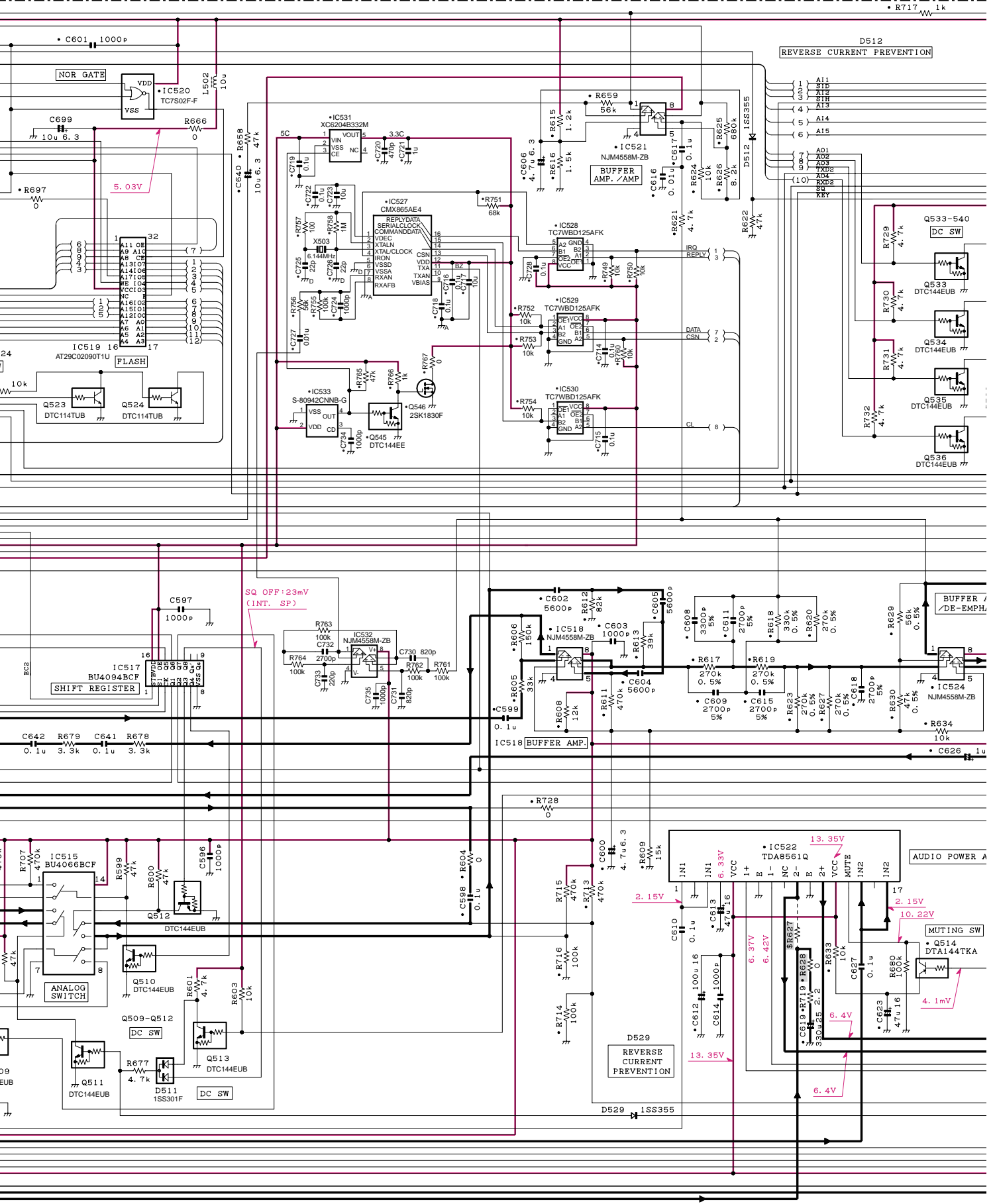
SCHEMATIC DIAGRAM TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION



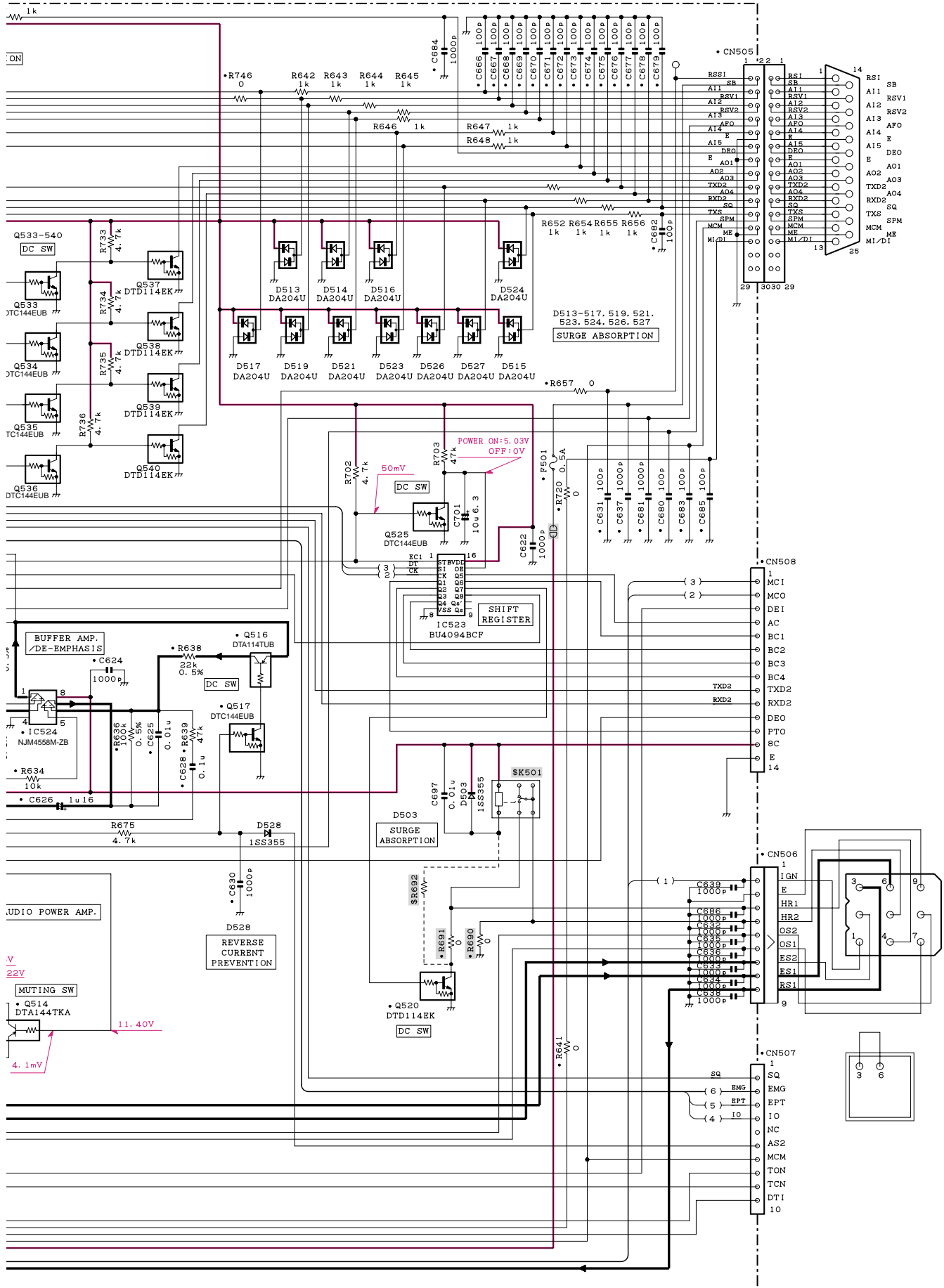
TK-790/(B), TK-790H(B) SCHEMATIC DIAGRAM

TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION



SCHEMATIC DIAGRAM TK-790/(B), TK-790H(B)

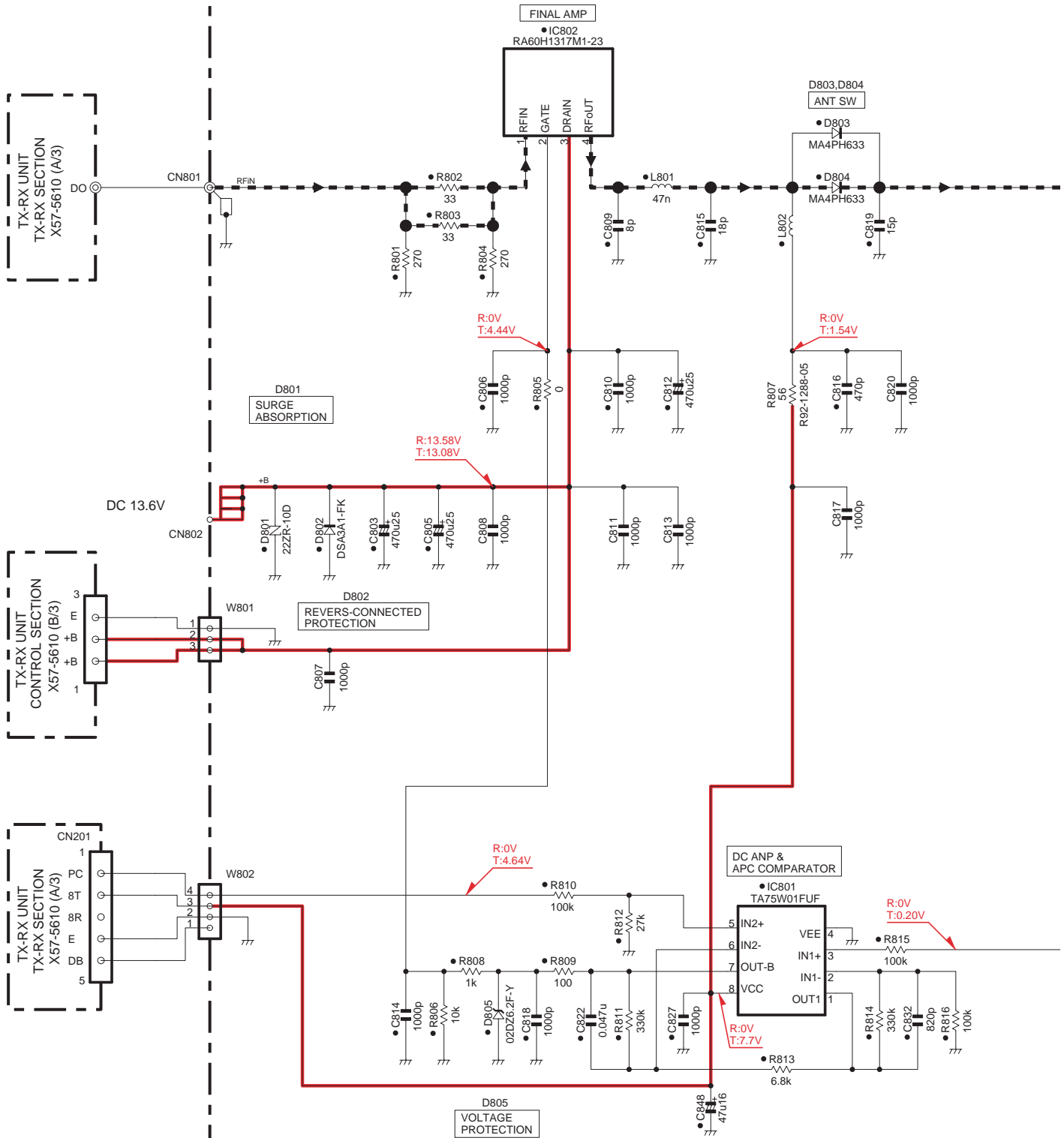
TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION



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

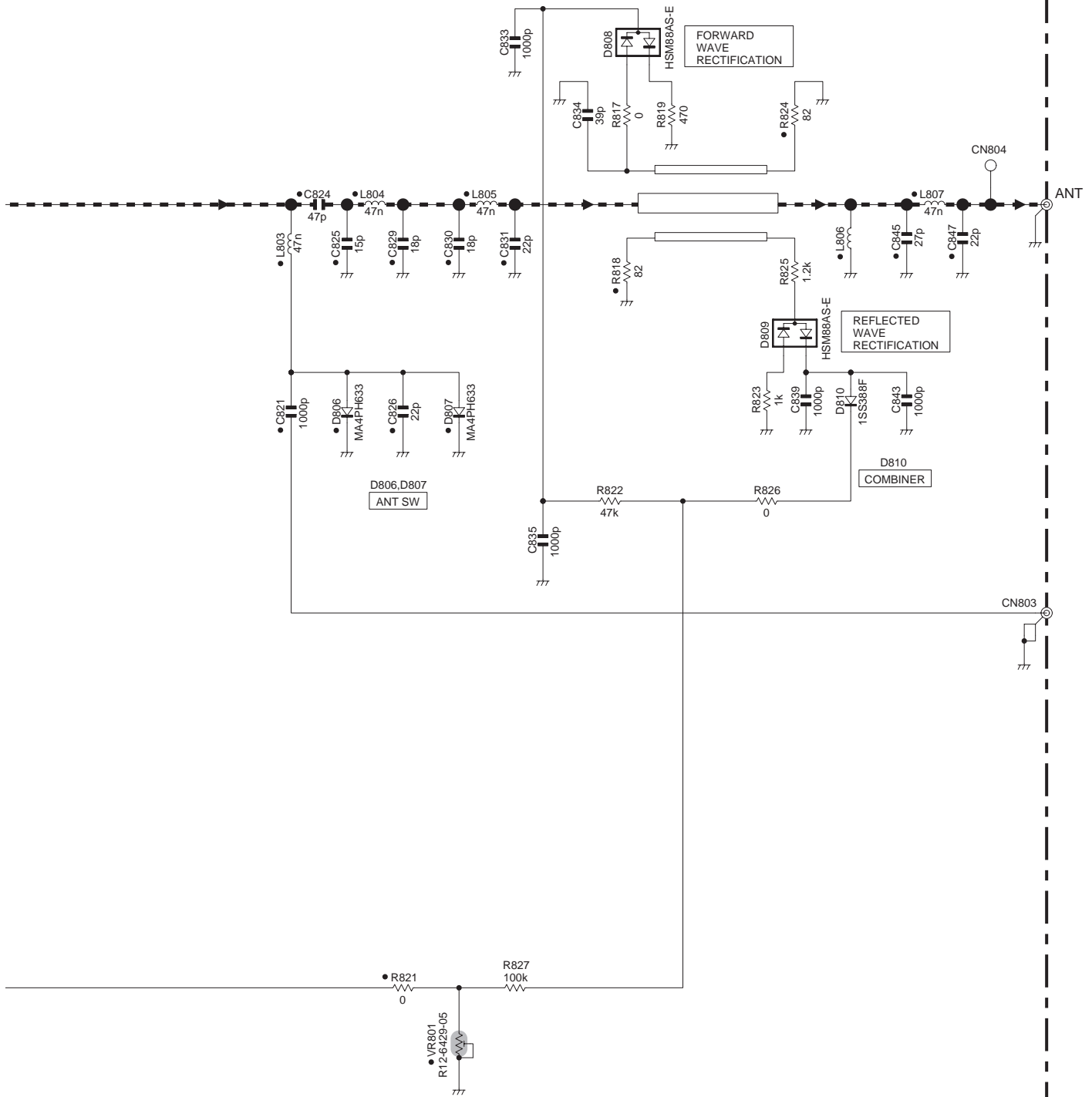
TK-790/(B) SCHEMATIC DIAGRAM

TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION TK-790/(B)K



SCHEMATIC DIAGRAM TK-790/(B)

TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION



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

TK-790/(B), TK-790H(B)

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Kenwood Electronics Deutschland GmbH

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Kenwood Electronics Belgium N.V.

Leuvensesteenweg 248 J, 1800 Vilvoorde, Belgium

Kenwood Electronics France S.A.

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Kenwood Electronics Europe B.V.

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Kenwood Electronics Italia S.p.A.

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Kenwood Ibérica, S.A.

Bolivia, 239-08020 Barcelona, Spain

Kenwood Electronics Australia Pty. Ltd.

Talavera Business Park Building A, 4 Talavera Road,
North Ryde NSW 2113 Australia

Kenwood Electronics (Hong Kong) Ltd.

Suite 2504, 25/F, Tower 2, Nina Tower, No. 8 Yeung Uk Road,
Tsuen Wan, New Territories, Hong Kong

Kenwood Electronics Singapore Pte Ltd

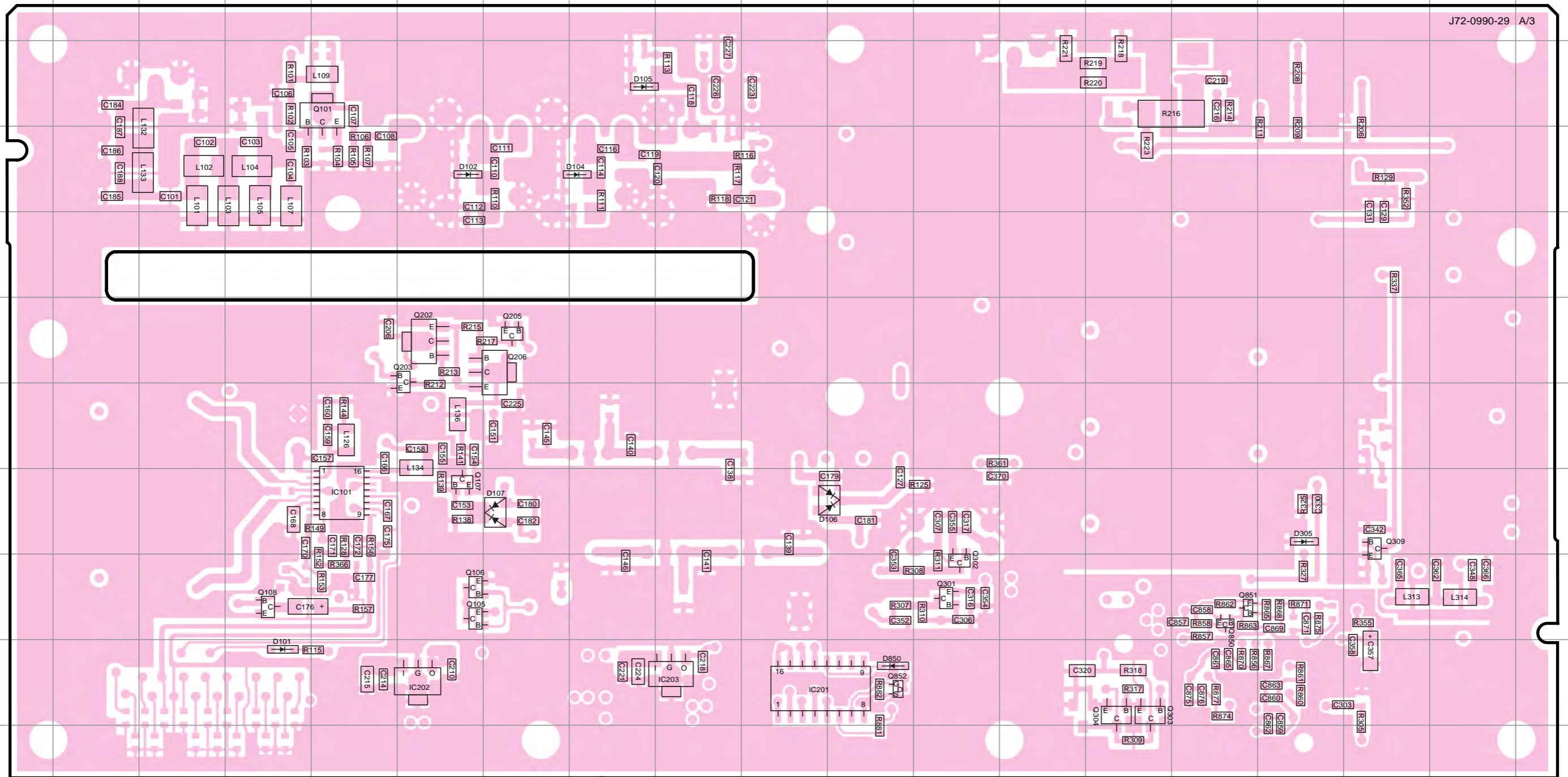
1 Ang Mo Kio Street 63, Singapore 569110

TK-790/(B), TK-790H(B) PC BOARD

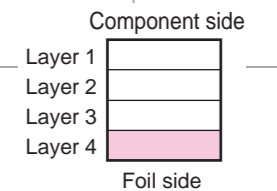
PC BOARD TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION -10: TK-790/(B)K -12: TK-790H(B)K
Foil side view (J72-0990-29 A/3)

TX-RX UNIT (X57-5610-XX) (A/3) TX-RX SECTION -10: TK-790/(B)K -12: TK-790H(B)K
Foil side view (J72-0990-29 A/3)



Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address	Ref No.	Address
IC101	8E	Q107	8F	Q302	9L	D101	10D	D850	10K
IC201	10J	Q108	9D	Q303	10N	D102	4F		
IC202	10F	Q202	6F	Q304	10N	D104	4H		
IC203	10I	Q203	6F	Q309	8Q	D105	3H		
Q101	3E	Q205	6G	Q850	9O	D106	8K		
Q105	9F	Q206	6G	Q851	9O	D107	8G		
Q106	9F	Q301	9L	Q852	10K	D305	8P		

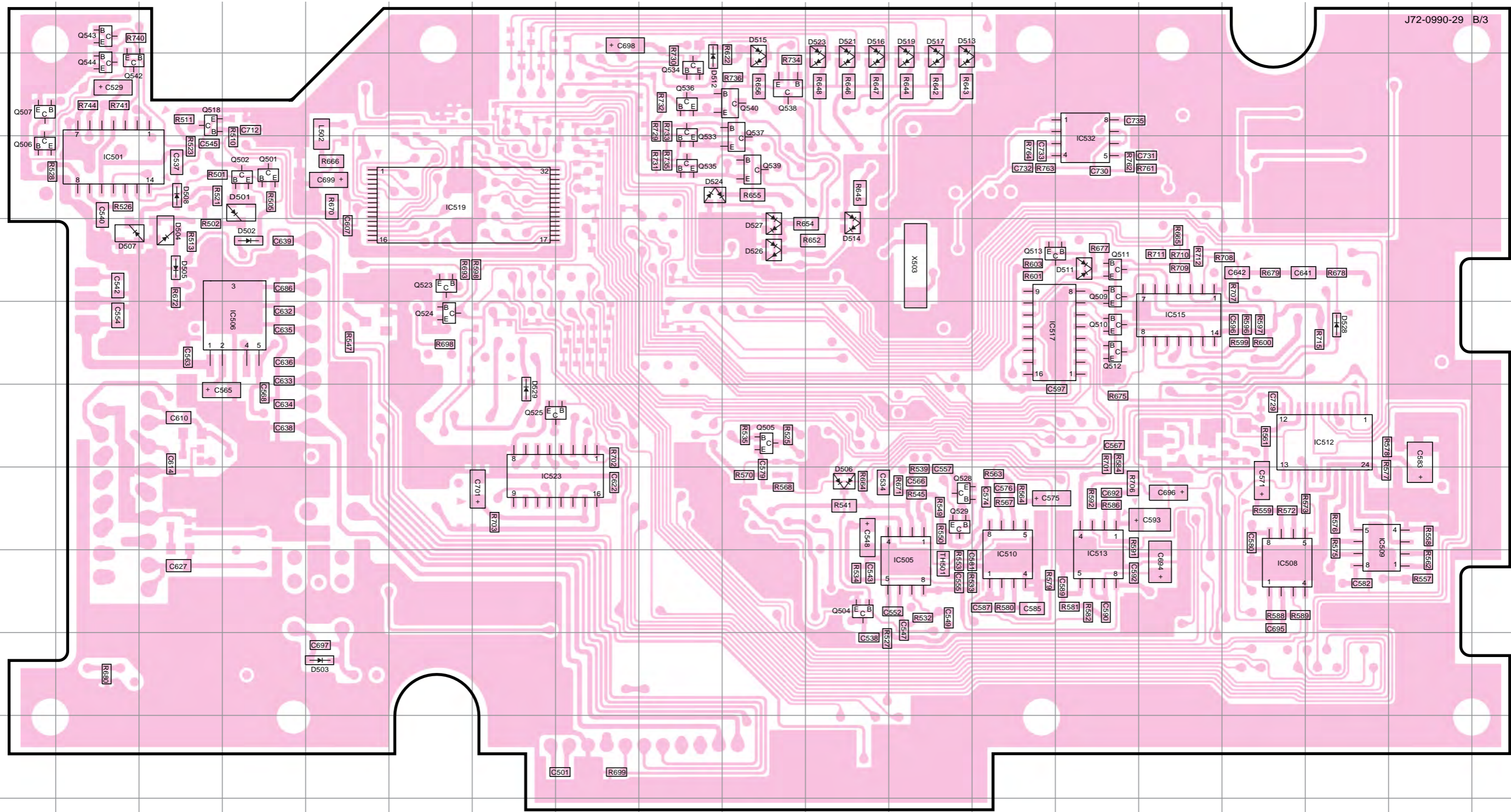


TK-790/(B), TK-790H(B) PC BOARD

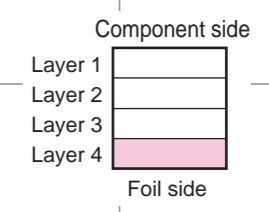
PC BOARD TK-790/(B), TK-790H(B)

TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10: TK-790/(B)K -12: TK-790H(B)K
Foil side view (J72-0990-29 B/3)

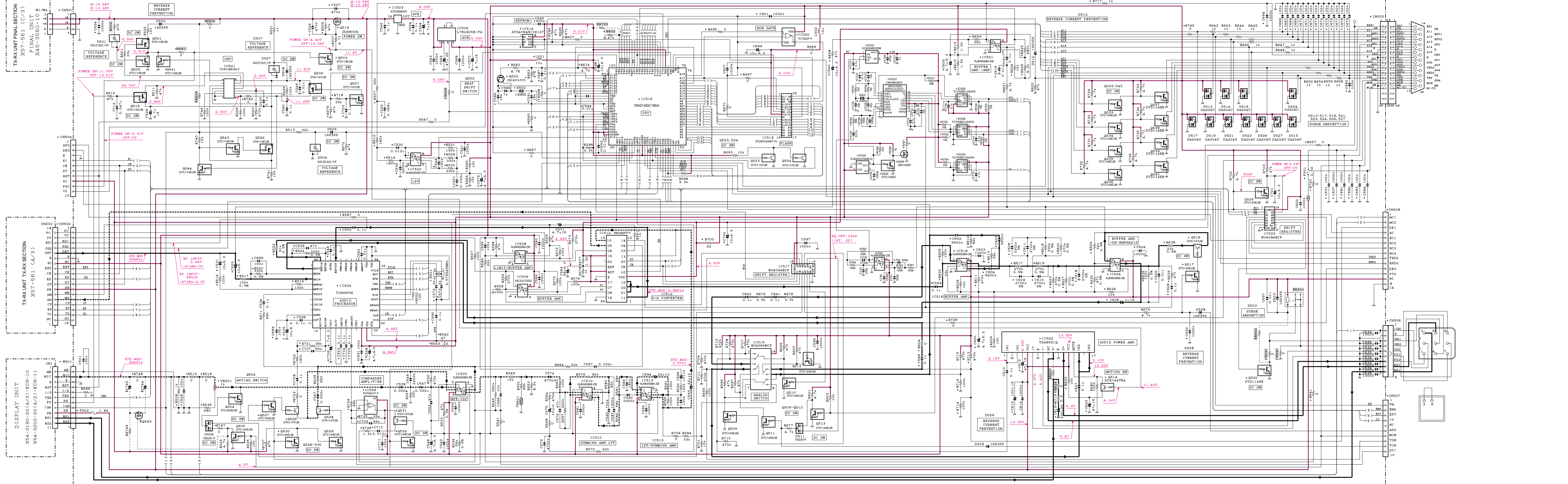
TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10: TK-790/(B)K -12: TK-790H(B)K
Foil side view (J72-0990-29 B/3)



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	Ref No.	Address		
IC501	4B	IC512	7Q	IC532	4N	Q507	3A	Q518	3C	Q533	3I	Q539	4J	D502	5D	D508	4C	D516	3K	D526	5J
IC505	9L	IC513	9N	Q501	4D	Q509	5N	Q523	5F	Q534	3I	Q540	3I	D503	10E	D511	5N	D517	3L	D527	5J
IC506	6D	IC515	6O	Q502	4D	Q510	6N	Q524	6F	Q535	4I	Q542	3B	D504	5C	D512	3I	D519	3L	D528	6Q
IC508	9P	IC517	6M	Q504	9K	Q511	5N	Q525	7G	Q536	3I	Q543	2B	D505	5C	D513	3L	D521	3K	D529	7G
IC509	8Q	IC519	4F	Q505	7J	Q512	6N	Q528	8L	Q537	4J	Q544	3B	D506	8K	D514	5K	D523	3K		
IC510	9M	IC523	8G	Q506	4A	Q513	5M	Q529	8L	Q538	3J	D501	4D	D507	5B	D515	3J	D524	4I		



TX-RX UNIT (X57-5610-XX) (B/3) CONTROL SECTION -10: TK-790(B/K) -12: TK-790H(B/K)



TX-RX UNIT (X57-5610-10) (C/3) FINAL SECTION TK-790/(B)K

