

AUDIO VIDEO SURROUND RECEIVER

KRF-X9992D/X9992DE

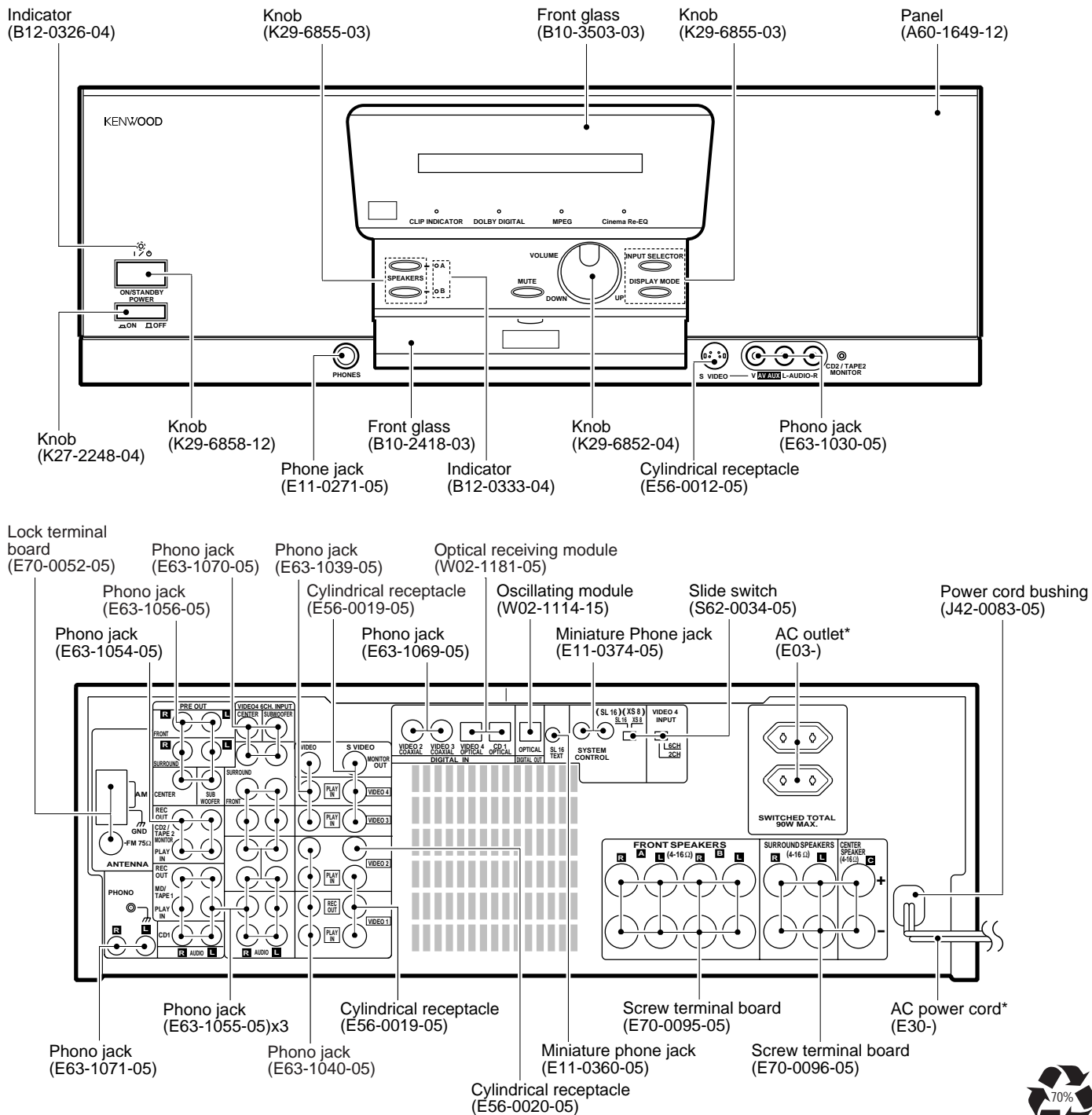
SERVICE MANUAL

KENWOOD

© 1999-8/B51-5564-00 (K/K) 1653

This manual is available for repair in the Europe and England markets.

Please refer to the original manual (B51-5560-00) if need the information in the USA and Canada and other markets.



*Refer to parts list on page44.



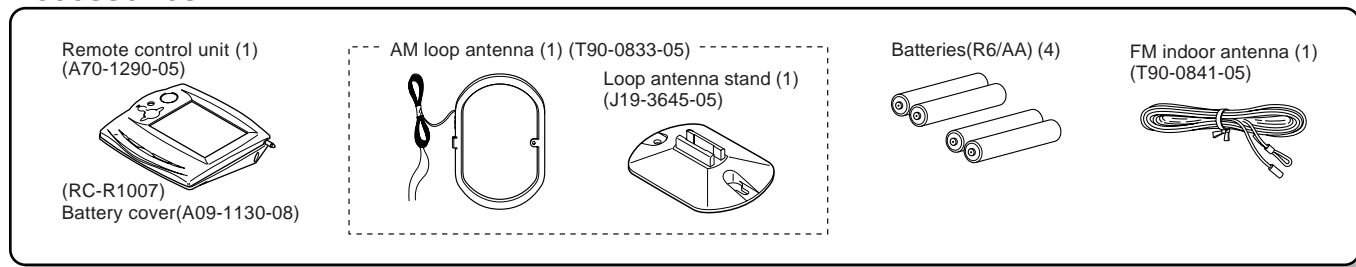
KRF-X9992D/X9992DE

CONTENTS / ACCESSORIES / CAUTIONS

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Accessories



Cautions

How to reset the microcomputer

The microcomputer may malfunction (impossibility of operation, erroneous display, etc.) when the power cord is unplugged and plugged in again while the unit is in ON mode or due to other external causes. In this case, execute the procedure on the right to reset the microcomputer and return the unit to the normal condition.

- Resetting the microcomputer clears the memory you entered and returns it to the initial condition when the unit left the factory.

① With the power cord plugged in, turn the POWER key to OFF.

② While holding down the I/ψ (ON/STANDBY) key, press the POWER key.

Memory backup function

Please note that the following items will be deleted from this unit's memory if the power cord is disconnected from the AC outlet for approximately three days.

- The input selection is cleared and the "Tuner" input is selected.
- The volume setting is cleared and the volume is set to "-66 dB".
- The receiving band setting is cleared and the "FM" band is selected.

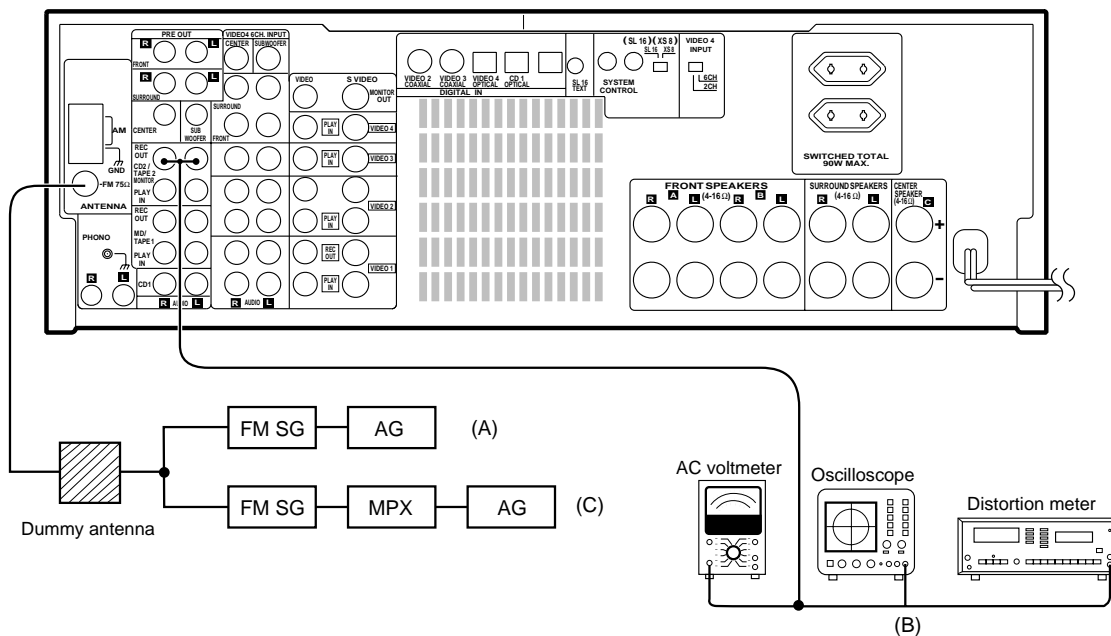
- The frequency setting is cleared and 87.5 MHz is selected.
- The preset station memory is cleared.
- The surround setting is cleared and reset to the initial condition.

KRF-X9992D/X9992DE

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	RECEIVER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION :		SELECTOR : FM	*Adjust NO.1 and NO.2 repeat.				
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ±40kHz dev. 70dBf (ANT. input)	Connect a DC voltmeter between CN12 ① and CN12 ② (X11)	MONO 98.0MHz	L604 (X11)	0V	(a)
2	DISTORTION (MONO)	(A) 98.0MHz 1kHz, ±40kHz dev. MONO 70dBf (ANT. input)	(B)	MONO 98.0MHz	L605 (X11)	Minimum distortion	(a)
3	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ±40kHz dev. Selector : L or R Pilot : ±6kHz dev. 70dBf (ANT. input)	(B)	AUTO 98.0MHz	IFT(RF FRONTEND : A601)	Minimum distortion (L or R)	(a)
4	TUNING LEVEL	(A) 98.0MHz MONO 1kHz, ±40kHz dev. 25dBf (ANT. input)	(B)	MONO 98.0MHz	VR601 (X11)	Adjust VR601 and stop at the point where ED1 (TUNED) goes on.	(a)
AUDIO SECTION		SPEAKER : A	PREOUT : OFF	PROLOGIC : ON			
<1>	IDLE CURRENT	—	Connect a DC voltmeter across CN1 (each port) 1, 2 pin : L 5, 6 pin : R 3, 4 pin : SL 7, 8 pin : SR 9, 10 pin : C	(FRONT 2ch MODE) Volume:0	VR1(L) VR2(R) VR3(SL) VR4(SR) VR5(CENTER) (X07-)	10mV	

SYSTEM CONNECTIONS



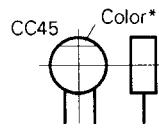
KRF-X9992D/X9992DE

PARTS DESCRIPTIONS

CAPACITORS

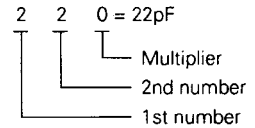
CC 45 TH 1H 220 J
 1 2 3 4 5 6

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



Capacitor value

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



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 -20	+80 -20	+100 -0	More than 10μF - 10 ~ +50 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	3150	4000	5000	6300	8000	-	-

Chip capacitors

(EX) C C 7 3 F S L 1 H 0 0 0 J
 1 2 3 4 5 6 7

(Chip) (CH, RH, UJ, SL)

(EX) C K 7 3 F F 1 H 0 0 0 Z
 1 2 3 4 5 6 7

(Chip) (B, F)

Refer to the table above.

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

Dimension (Chip capacitors)

Dimension 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

RESISTORS

Chip resistor (Carbon)

(EX) R K 7 3 E B 2 B 0 0 0 J
 1 2 3 4 5 6 7

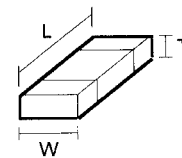
(Chip) (B,F)

Carbon resistor (Normal type)

(EX) R D 1 4 B B 2 C 0 0 0 J
 1 2 3 4 5 6 7

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

Dimension



Dimension (Chip resistor)

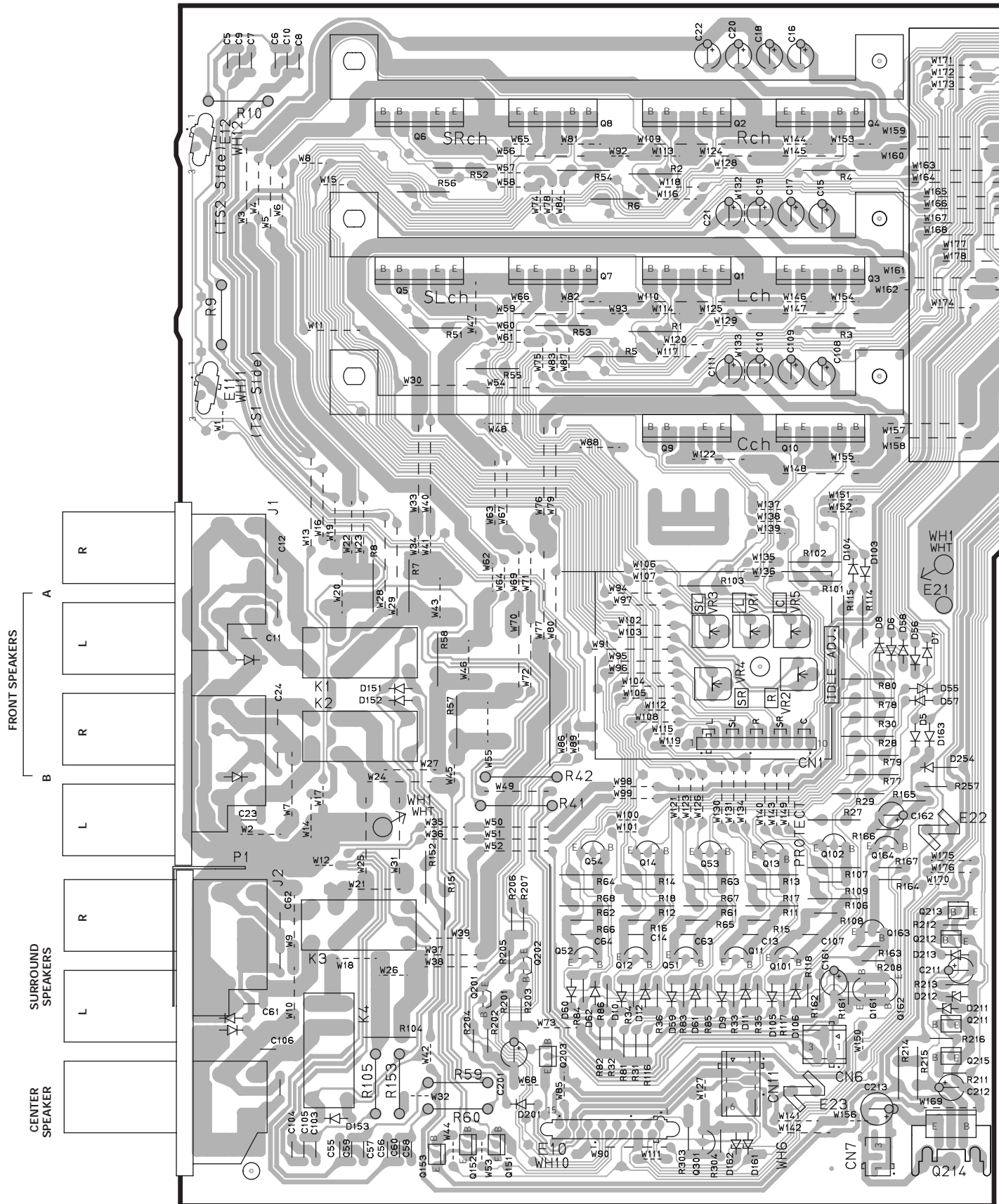
Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6 ± 0.2	0.8 ± 0.2	0.5 ± 0.1

Rating wattage

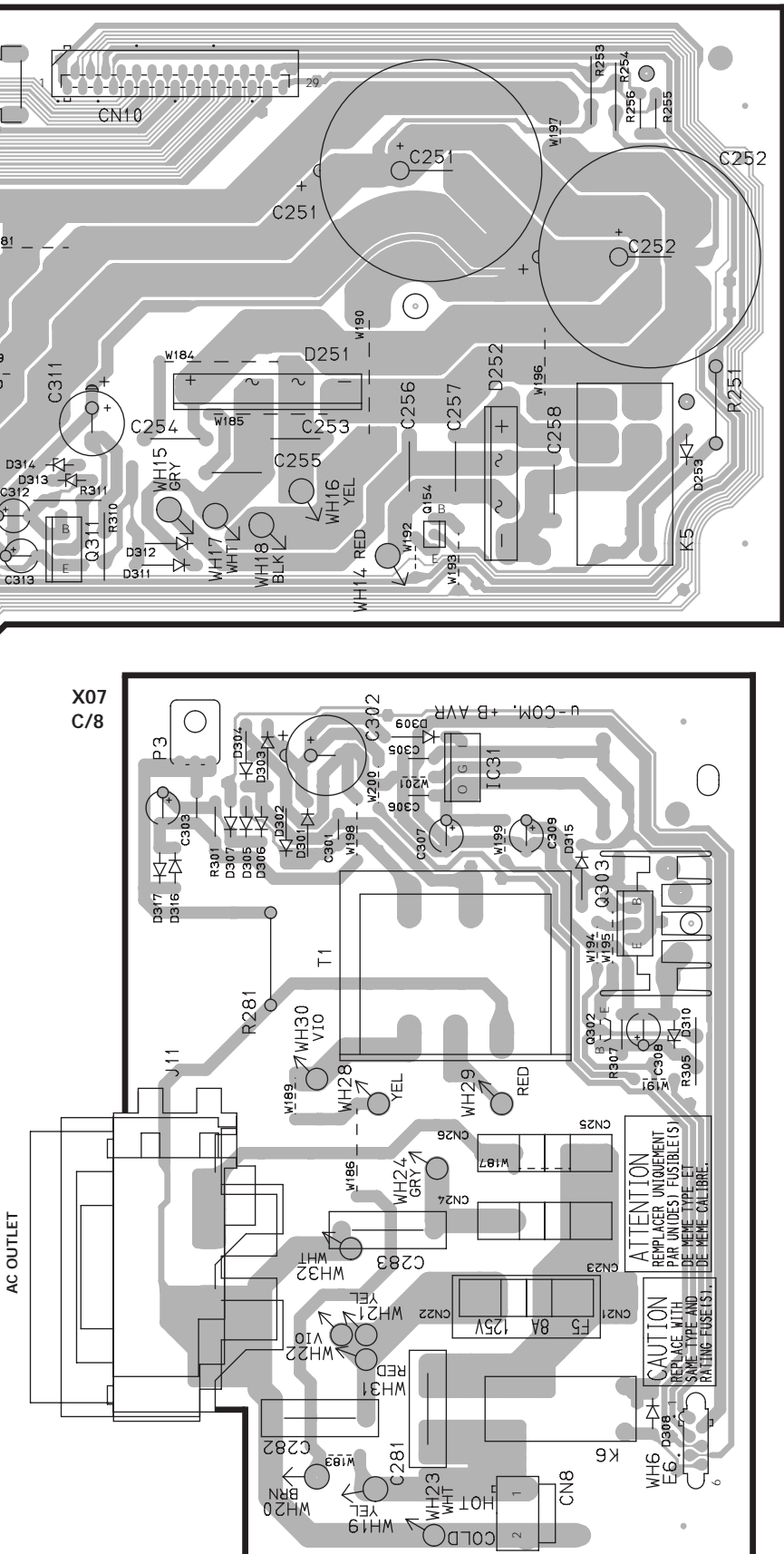
Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

PC BOARD (Component side view)

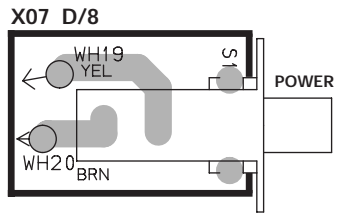
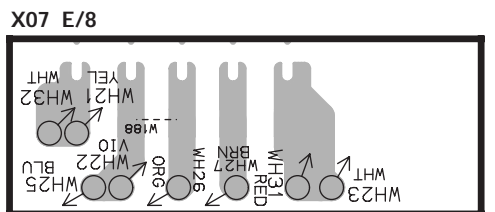
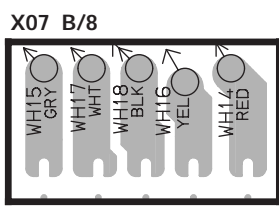
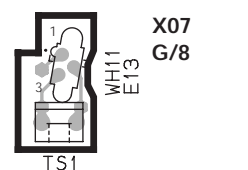
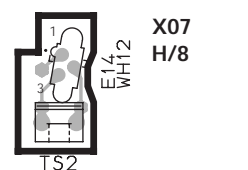
X07-293X-XX A/8 (J70-1152-11)



FRONT SPEAKERS
A
L
R
B
L
R
SURROUND SPEAKERS
L
R
CENTER SPEAKER

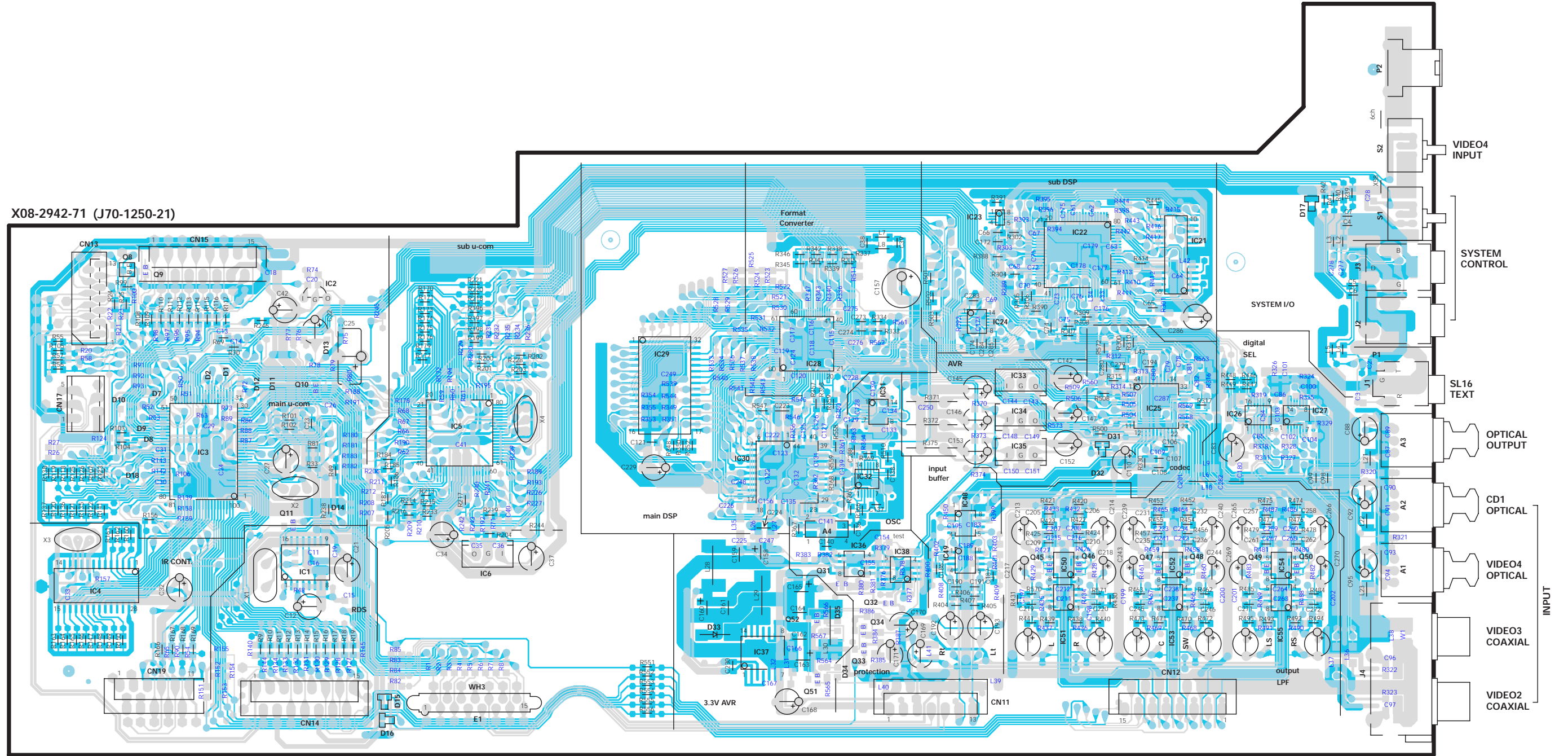


X07 C/8
AC OUTLET



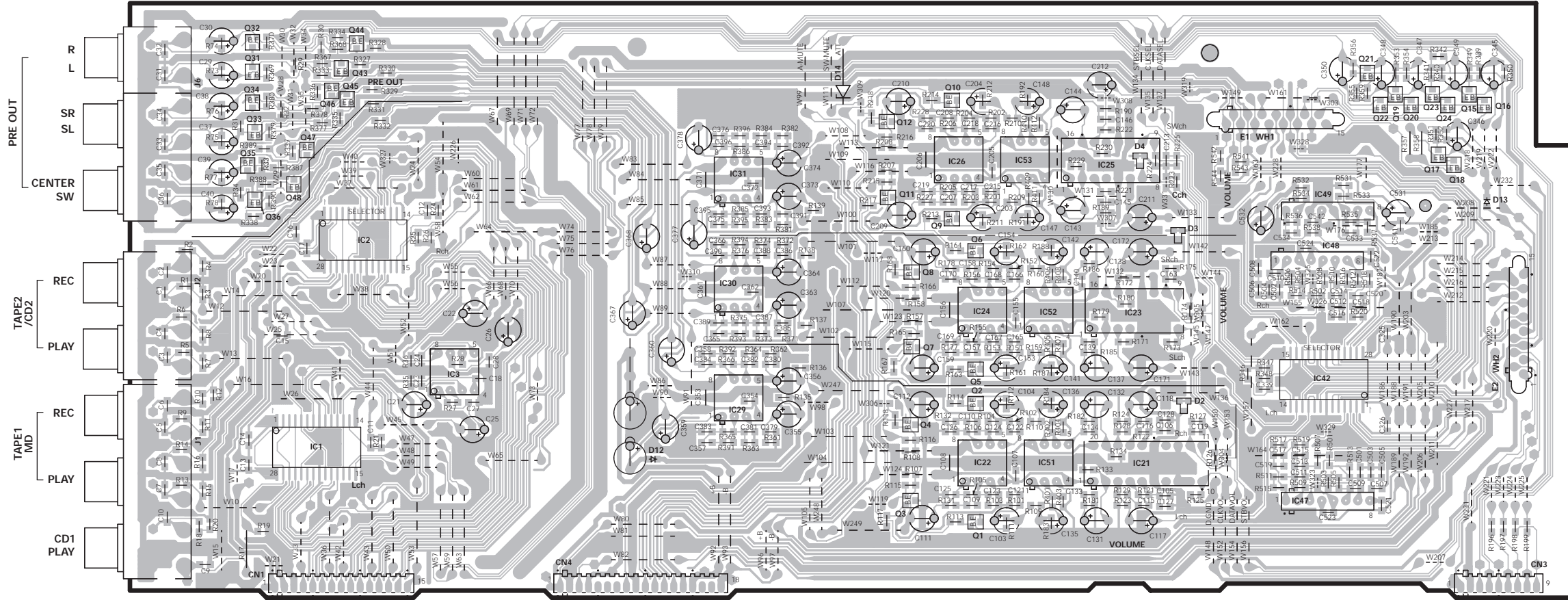
PC BOARD (Component side view)

X08-2942-71 (J70-1250-21)

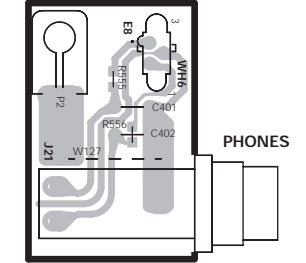


PC BOARD (Component side view)

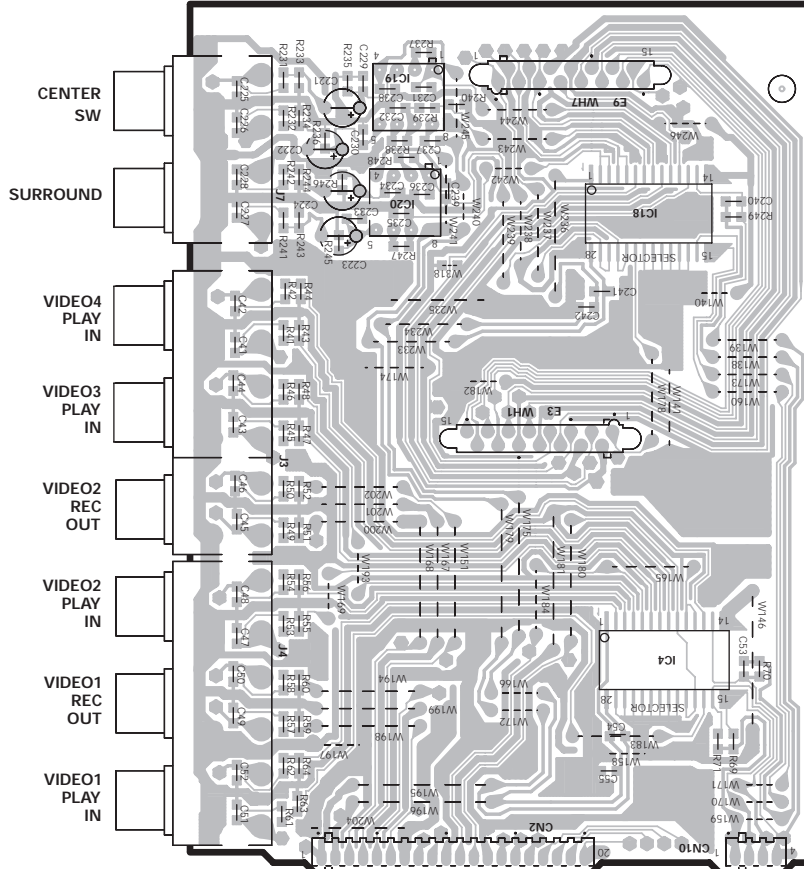
X11-3822-71 A/7 (J70-1251-21)



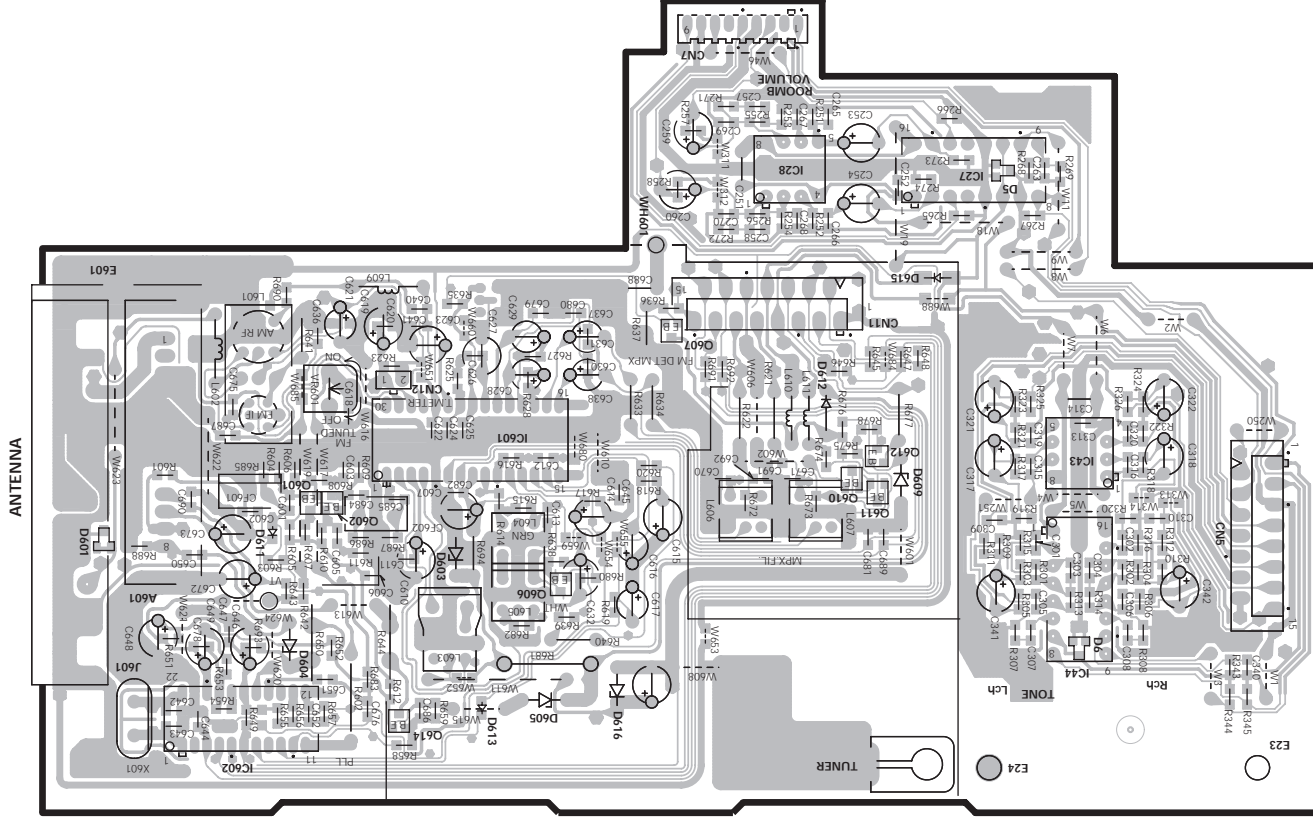
X11 G/7



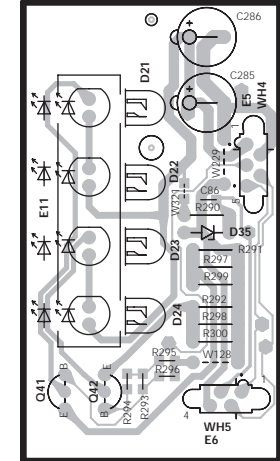
X11 B/7



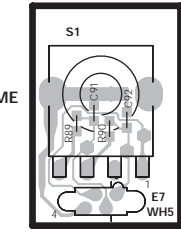
X11 C/7



X11 D/7

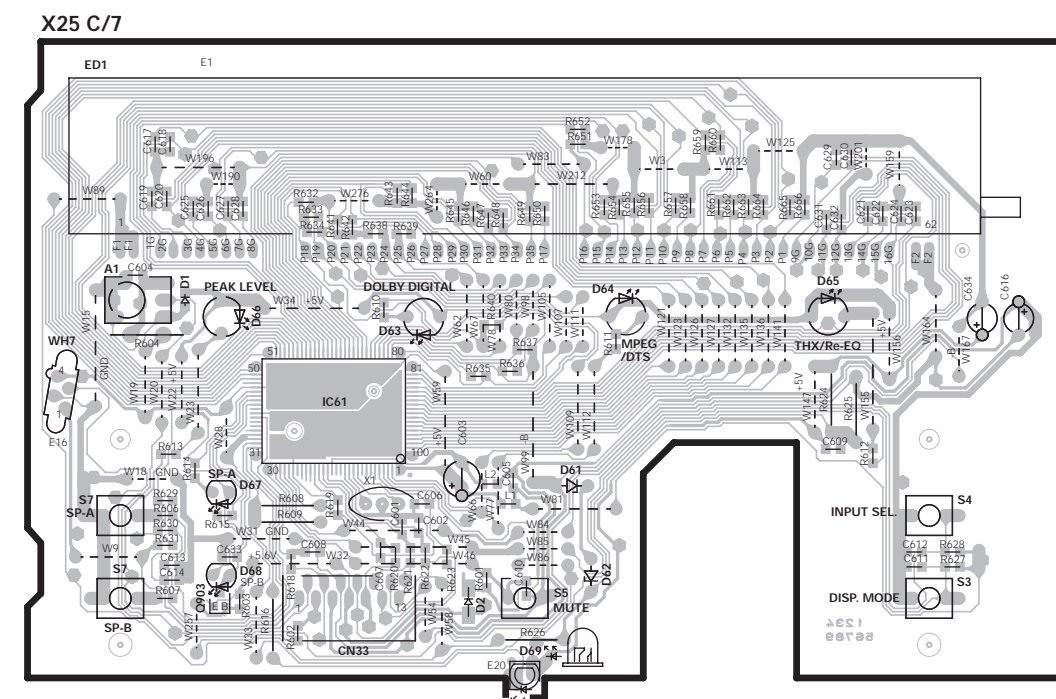
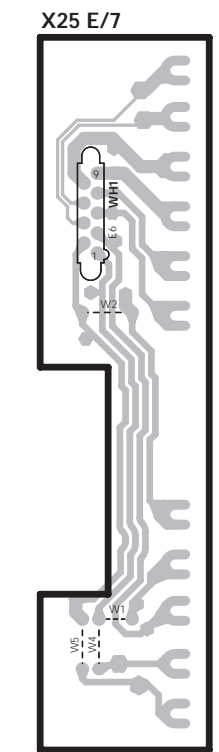
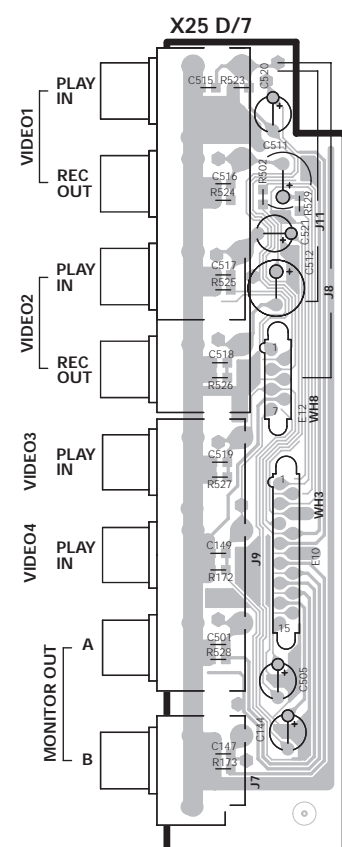
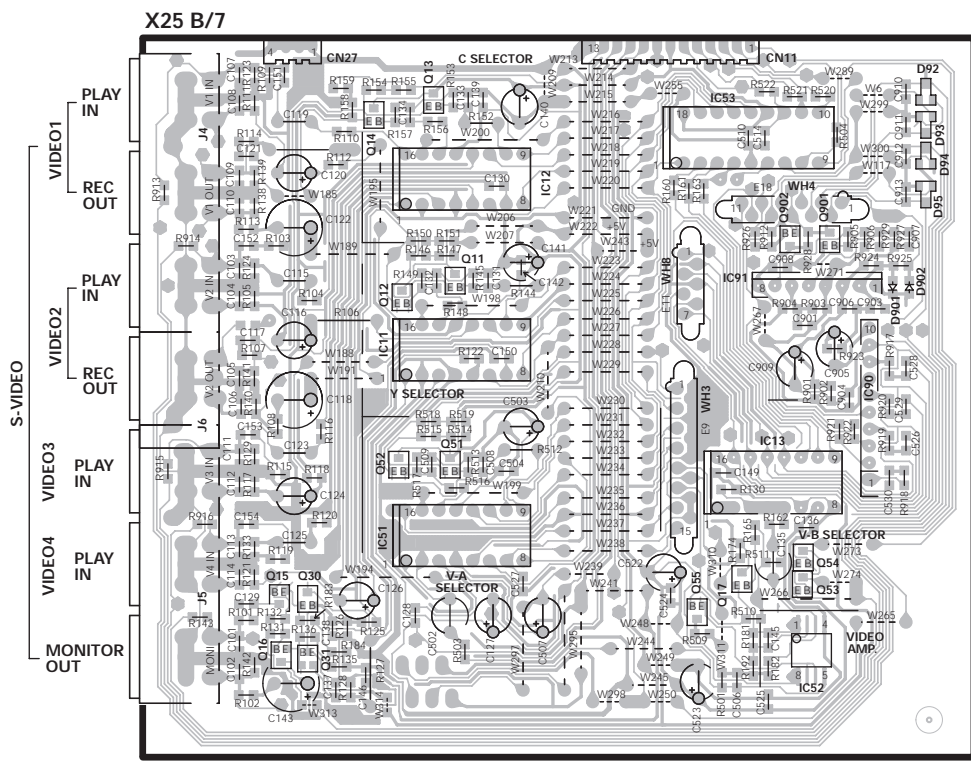
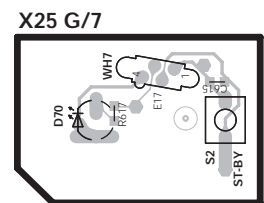
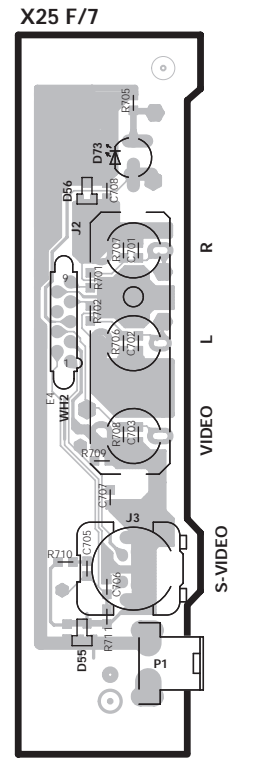
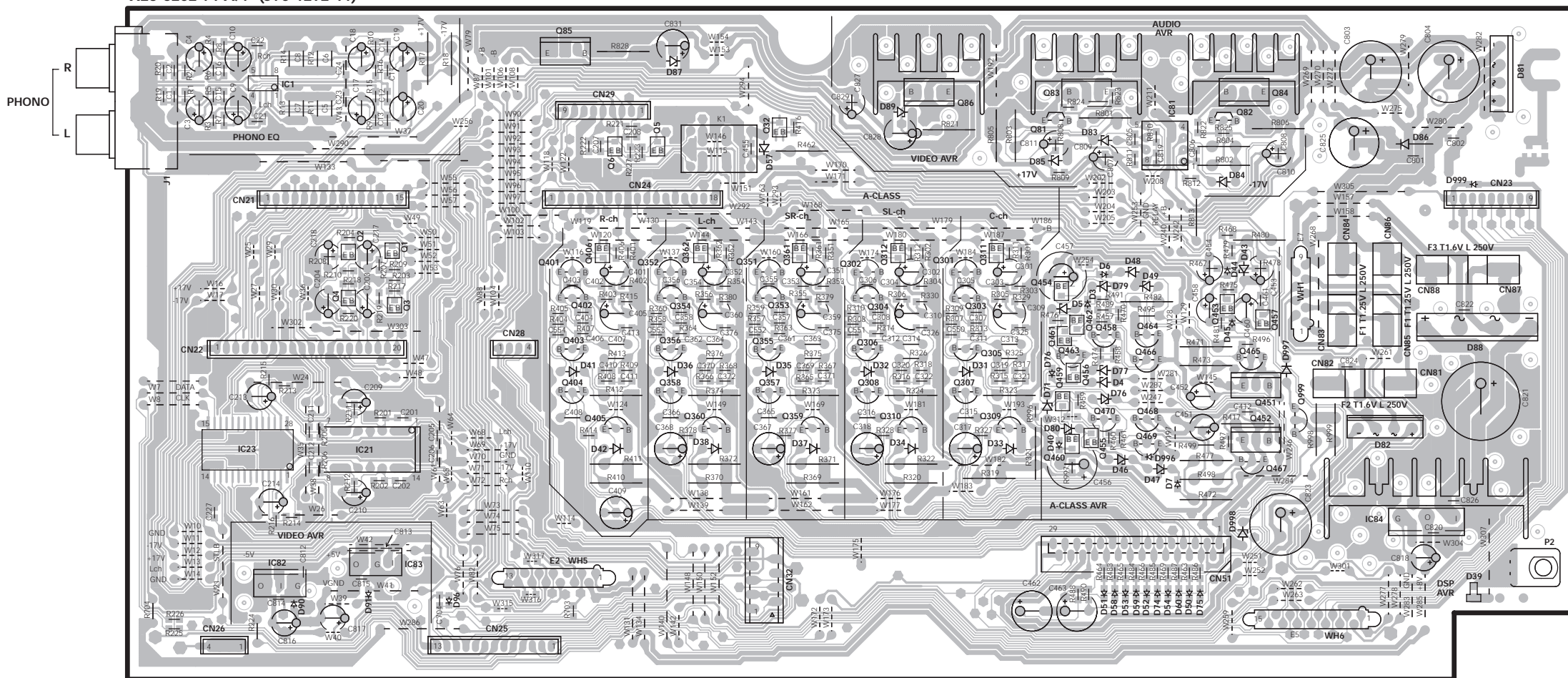


X11 F/7



PC BOARD(Component side view)

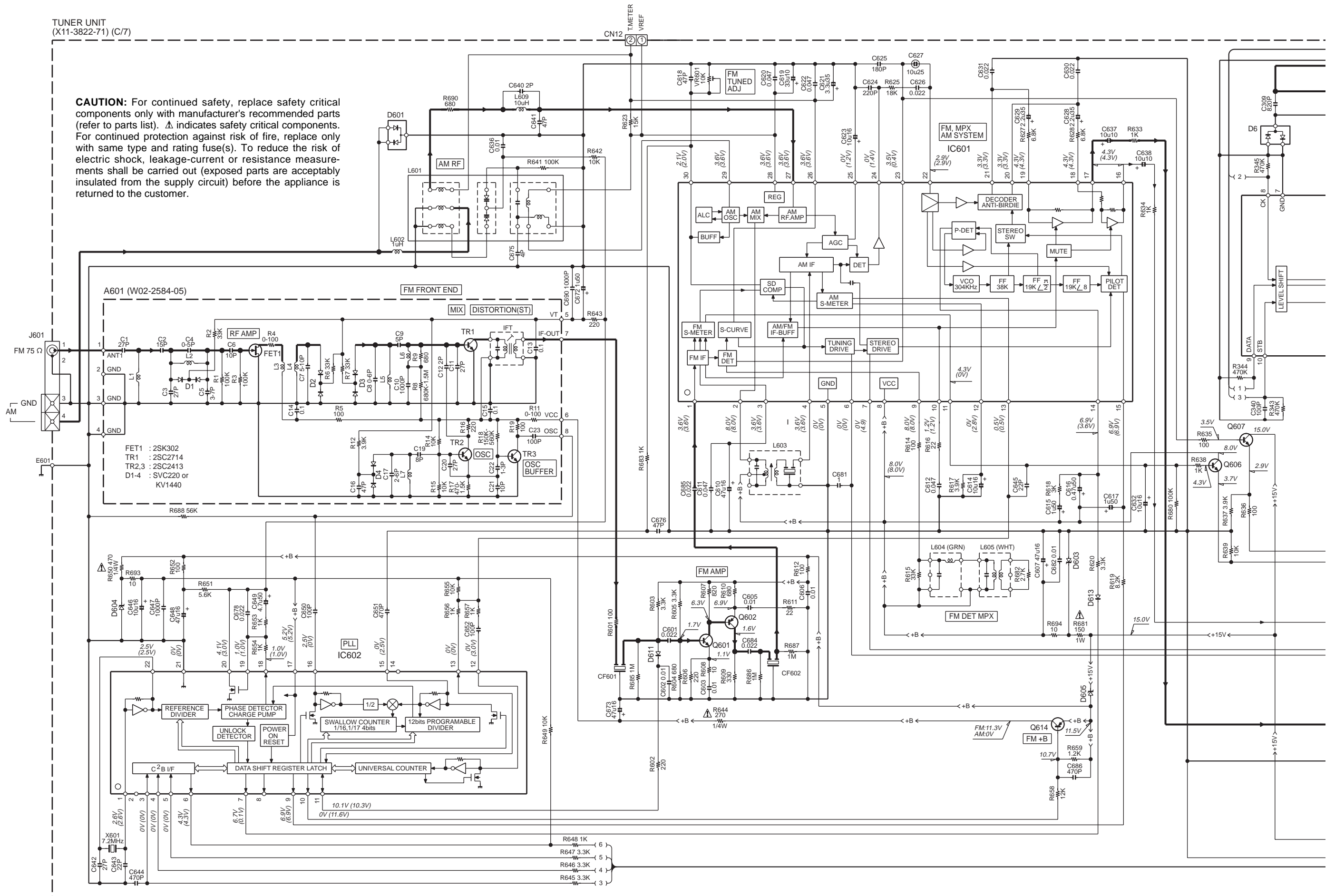
X25-6202-71 A/7 (J70-1292-11)



Refer to the schematic diagram for the value of resistors and capacitors.

TUNER UNIT
(X11-3822-71) (C/7)

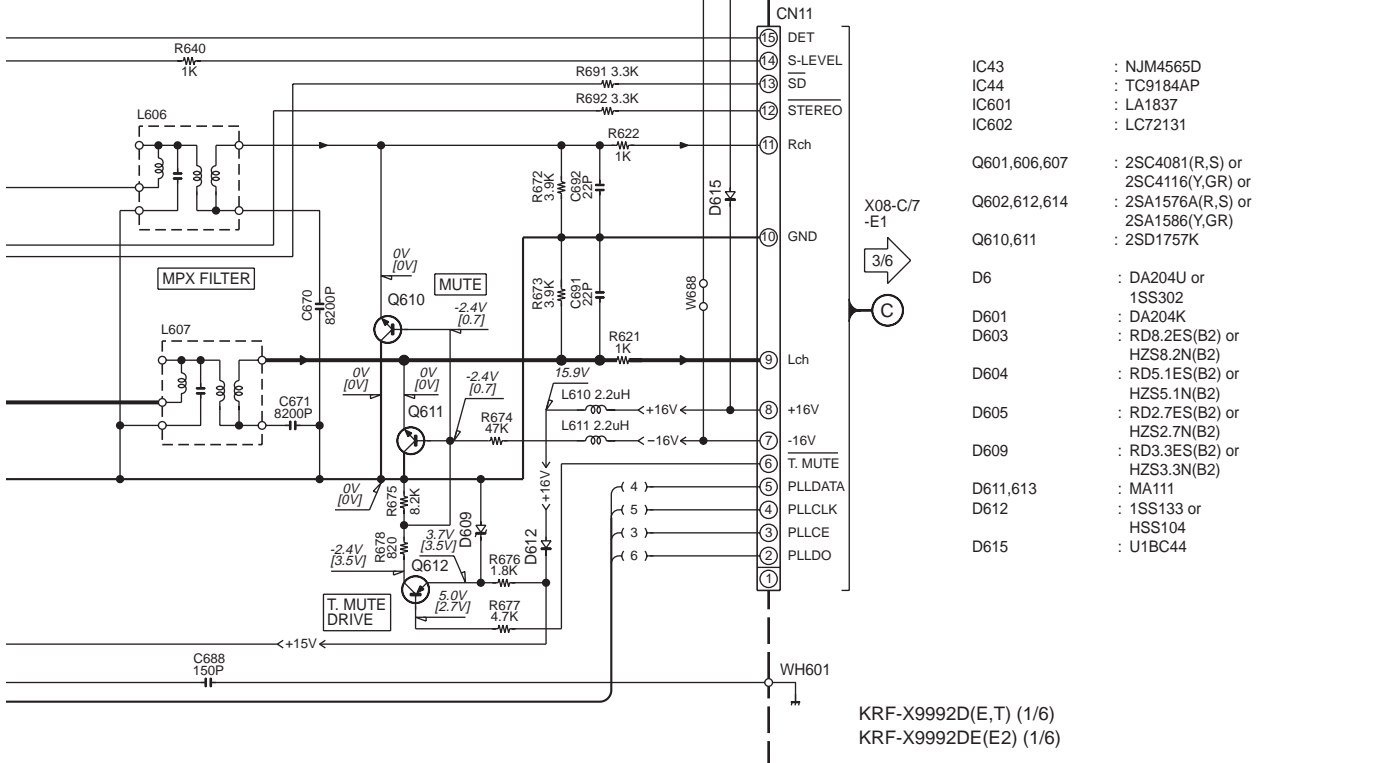
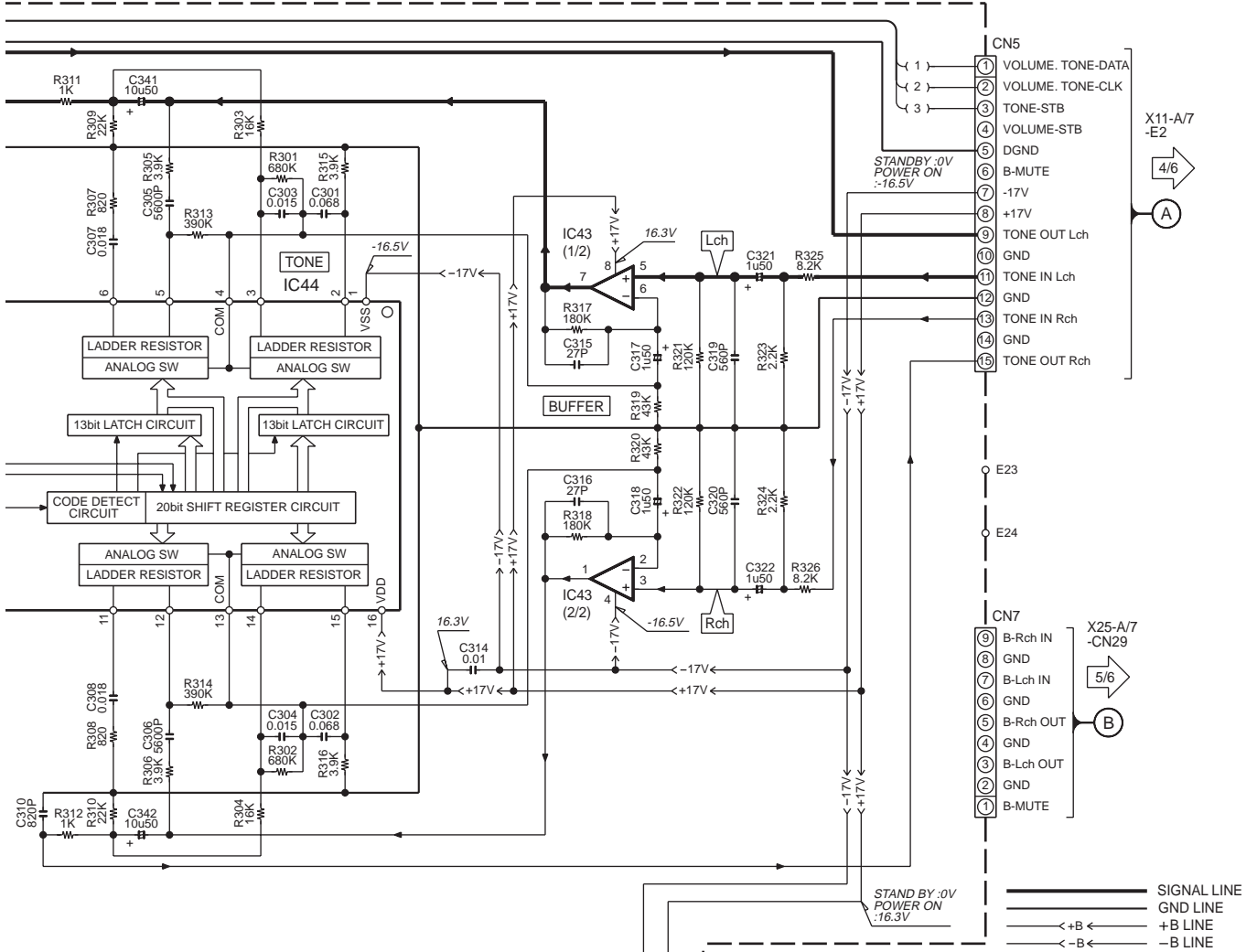
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM mode.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

(X11-3822-71) (C/7)



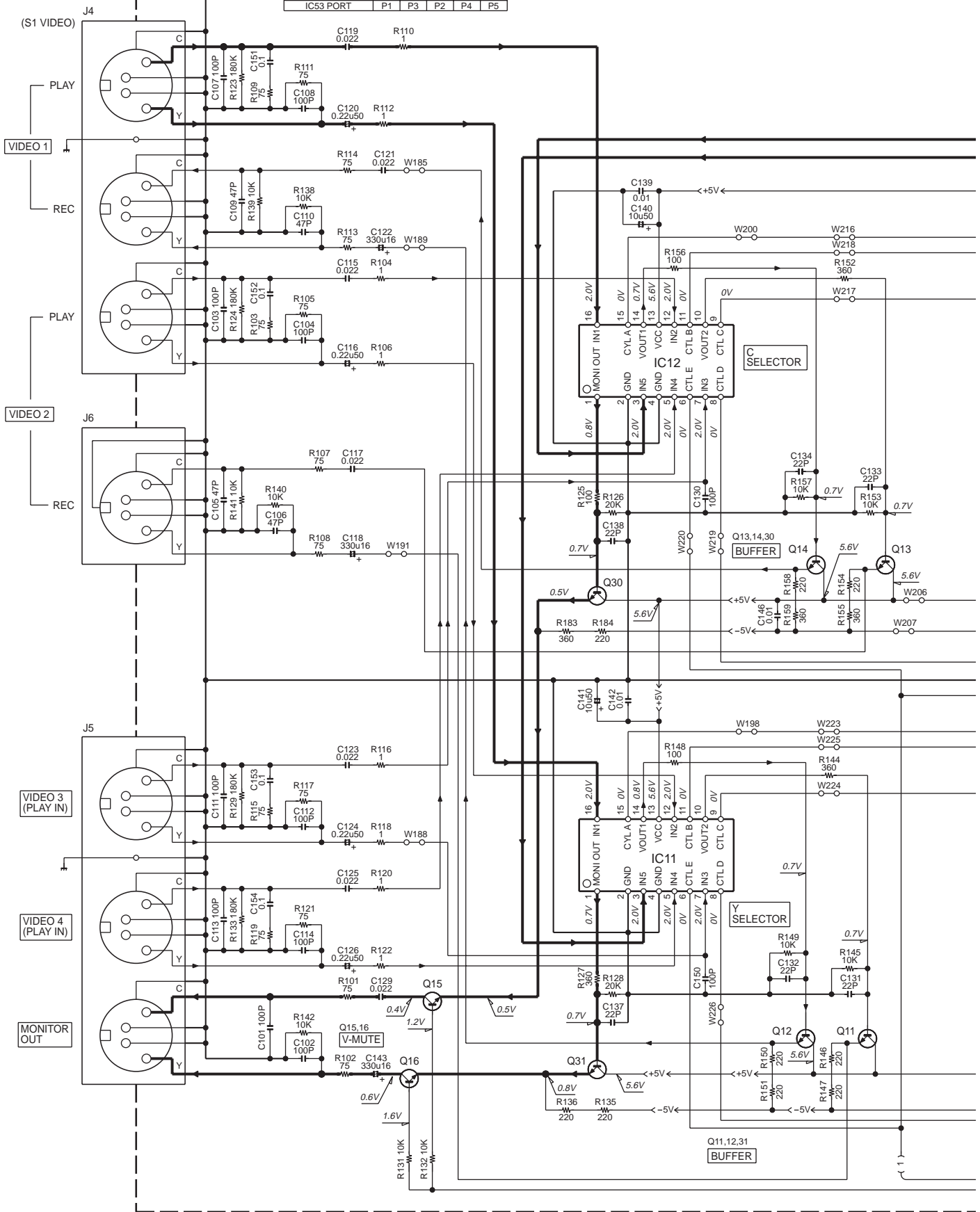
- IC43 : NJM4565D
- IC44 : TC9184AP
- IC601 : LA1837
- IC602 : LC72131
- Q601,606,607 : 2SC4081(R,S) or 2SC4116(Y,GR) or 2SA1576A(R,S) or 2SA1586(Y,GR)
- Q602,612,614 : 2SA1576A(R,S) or 2SA1586(Y,GR)
- Q610,611 : 2SD1757K
- D6 : DA204U or 1SS302
- D601 : DA204K
- D603 : RD8.2ES(B2) or HZS8.2N(B2)
- D604 : RD5.1ES(B2) or HZS5.1N(B2)
- D605 : RD2.7ES(B2) or HZS2.7N(B2)
- D609 : RD3.3ES(B2) or HZS3.3N(B2)
- D611,613 : MA111
- D612 : 1SS133 or HSS104
- D615 : U18C44

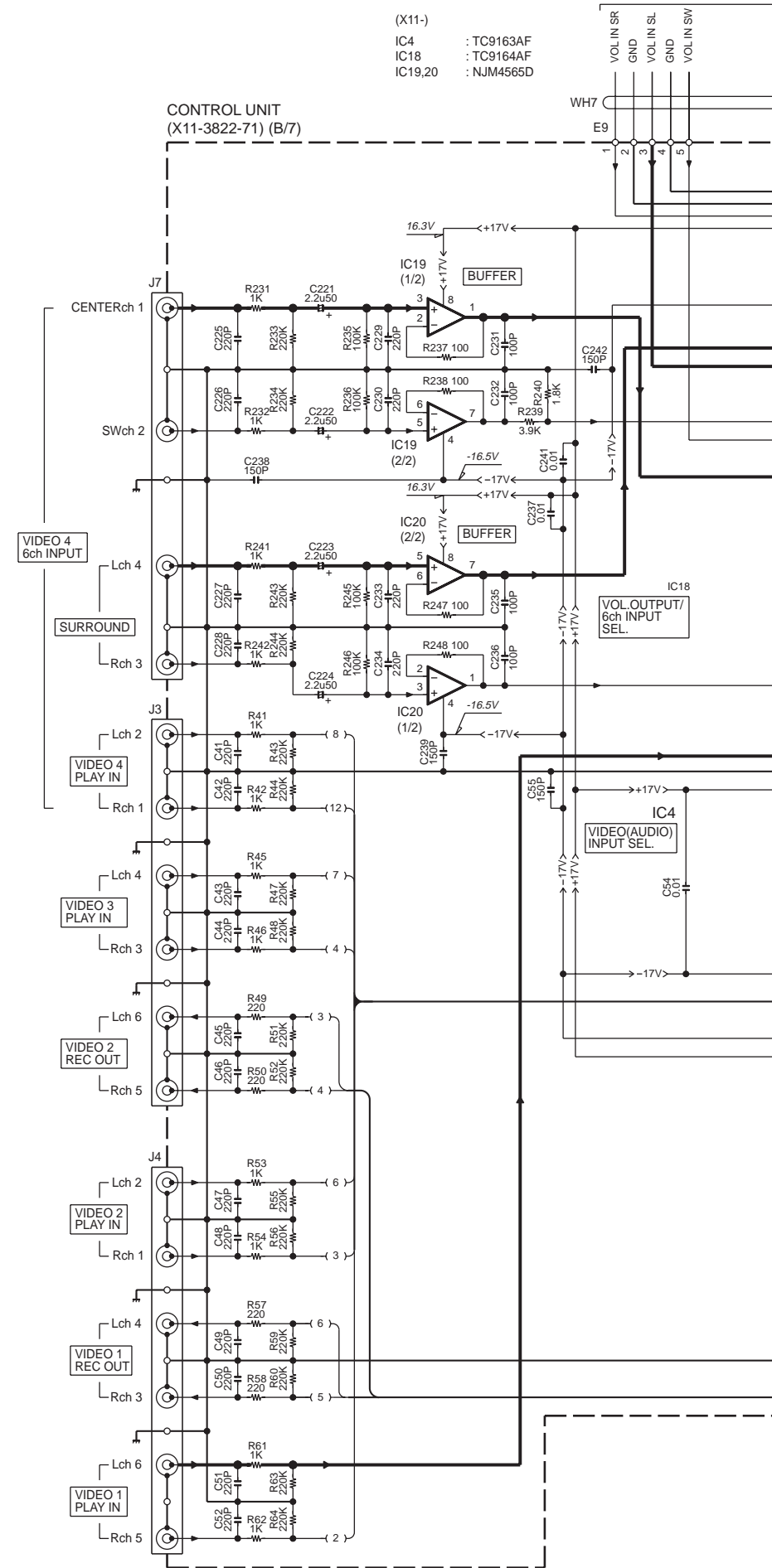
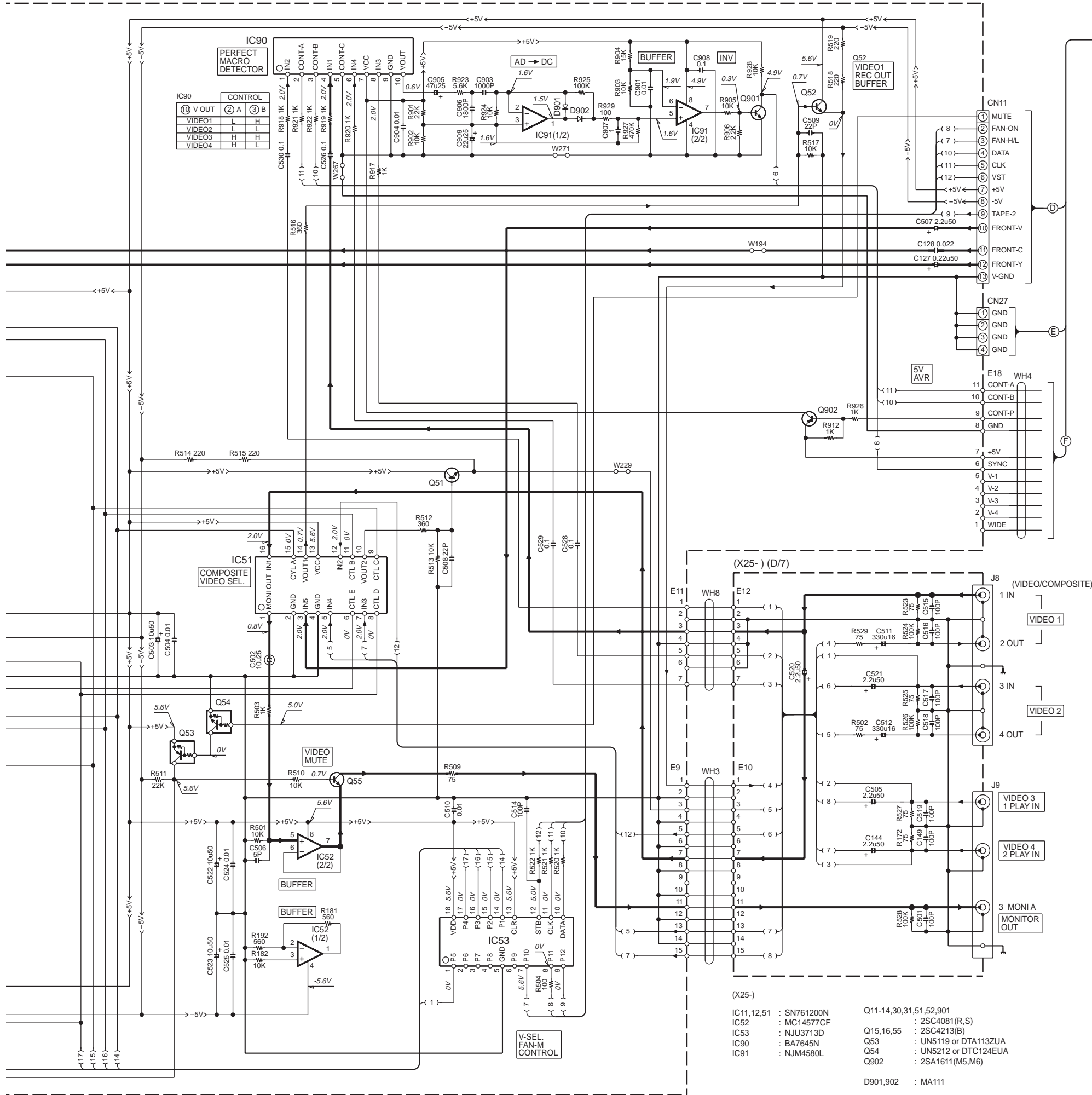
KRF-X9992D(E,T) (1/6)
KRF-X9992DE(E2) (1/6)

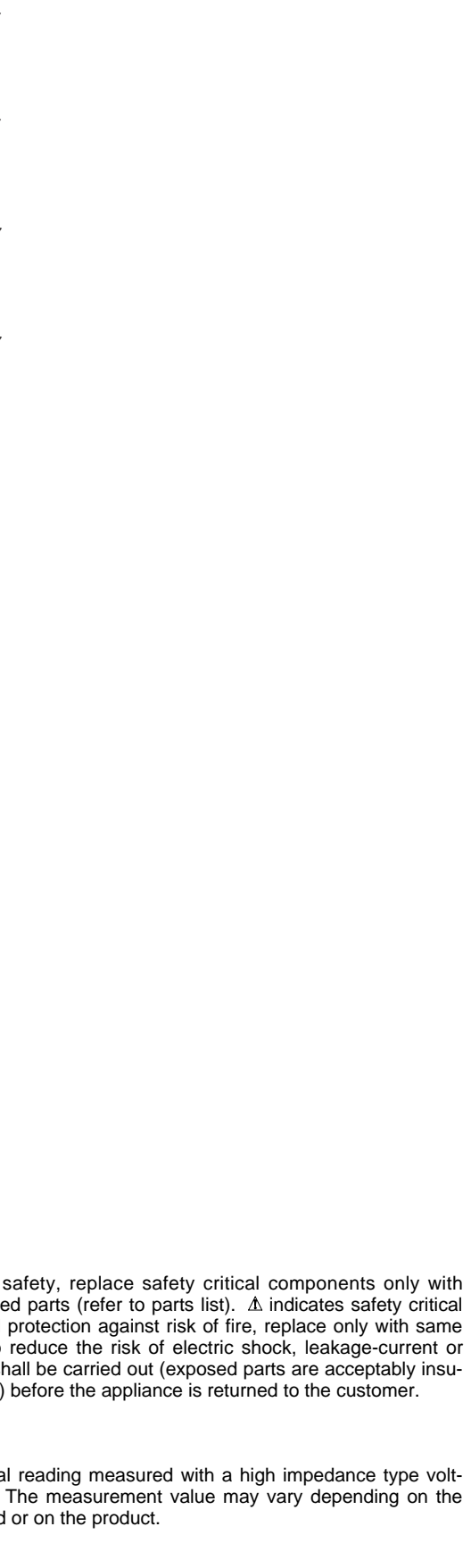
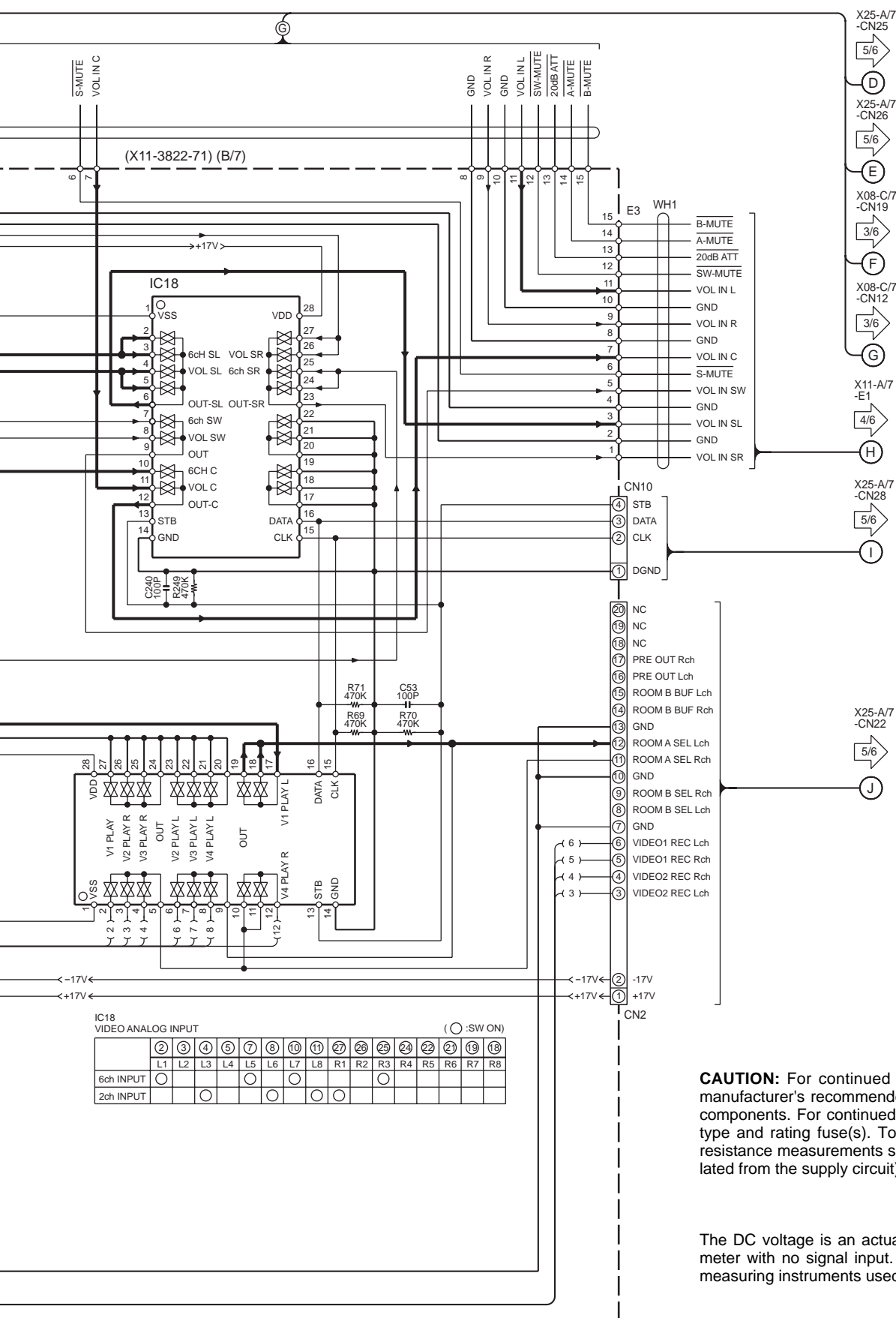
KRF-X9992D/X9992DE

ELECTRIC UNIT (X25-6202-71) (B/7)

IC11,12,51		CLT (CONTROL)				
① MONITOR OUT	③ A	⑪ B	⑨ C	⑥ D	⑦ E	
VIDEO1	L	L	L	L	L	
VIDEO2	H	L	H	L	L	
VIDEO3	L	H	L	H	L	
VIDEO4	H	H	H	H	L	
AV AUX	H	H	H	H	H	
IC53 PORT	P1	P3	P2	P4	P5	



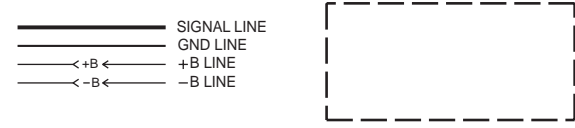




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- 2SA1123, 2SA992, 2SC1845, 2SC2003
- 2SC2631, 2SC3244, 2SC3940A
- DTC124ESA, 2SA1048, 2SC2458
- UN5116, UN5119, 2SA1576A, 2SA1586, 2SC4116
- 2SA1535, 2SB1370, 2SC3944, 2SD2061
- UN4212, UN4219, 2SA1309A, 2SC3311A
- 2SB1375, 2SD2012
- 2SC4081, 2SD1757K
- DTA143TUA, DTC124EUA
- NJM4558D, NJM4565D
- NJM2058D
- TC9184AP
- TC9413P
- NJU3713D
- SN761200N
- NJM4580L
- MC14577CF, NJM4565M, NJM4580ED, TC7W04FU
- LM2940CT-5.0
- DAN202U
- UPC7805AHF
- DAP202U, DA204K, DA204U

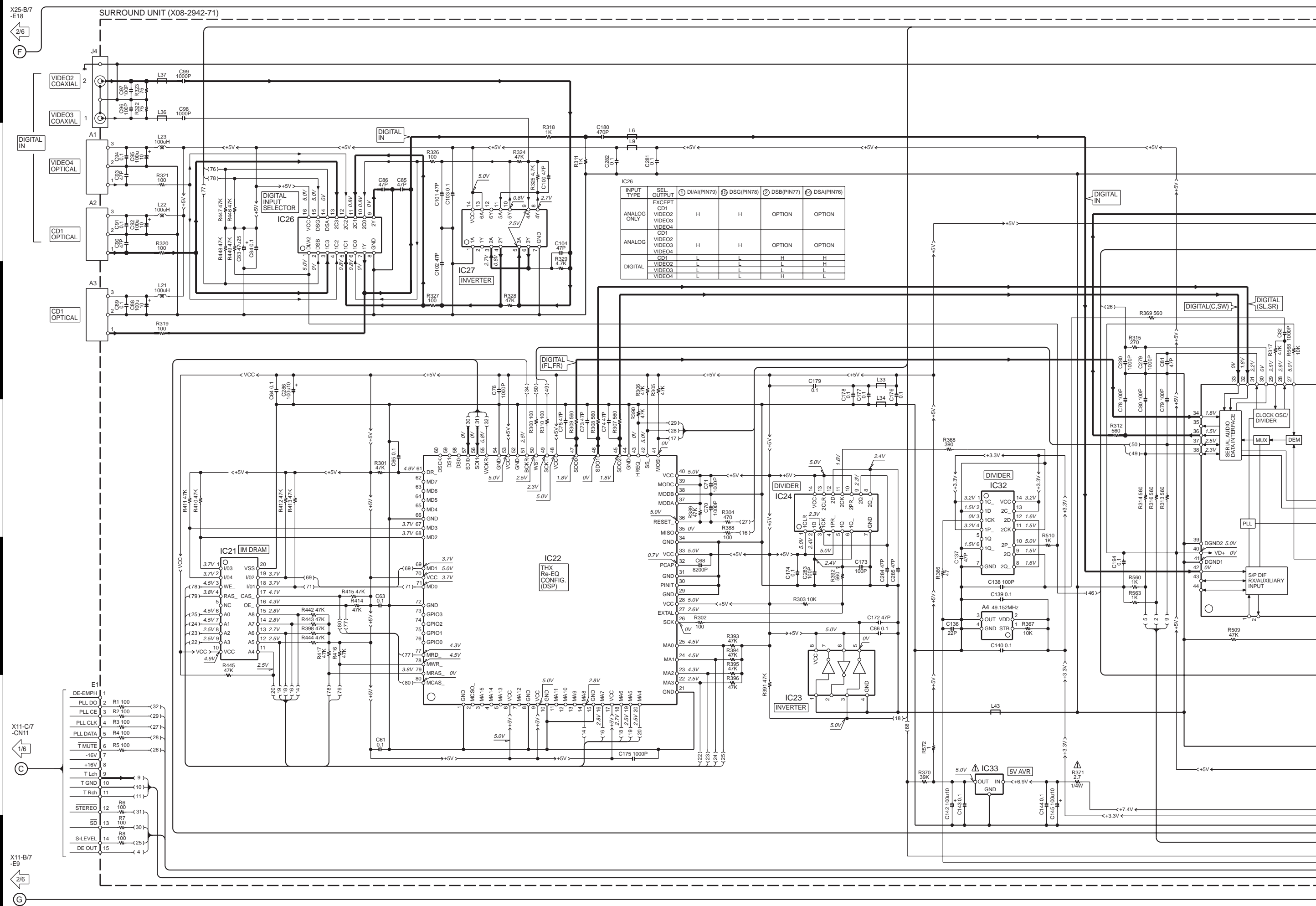


KRF-X9992D(E,T) (2/6)
KRF-X9992DE(E2) (2/6)

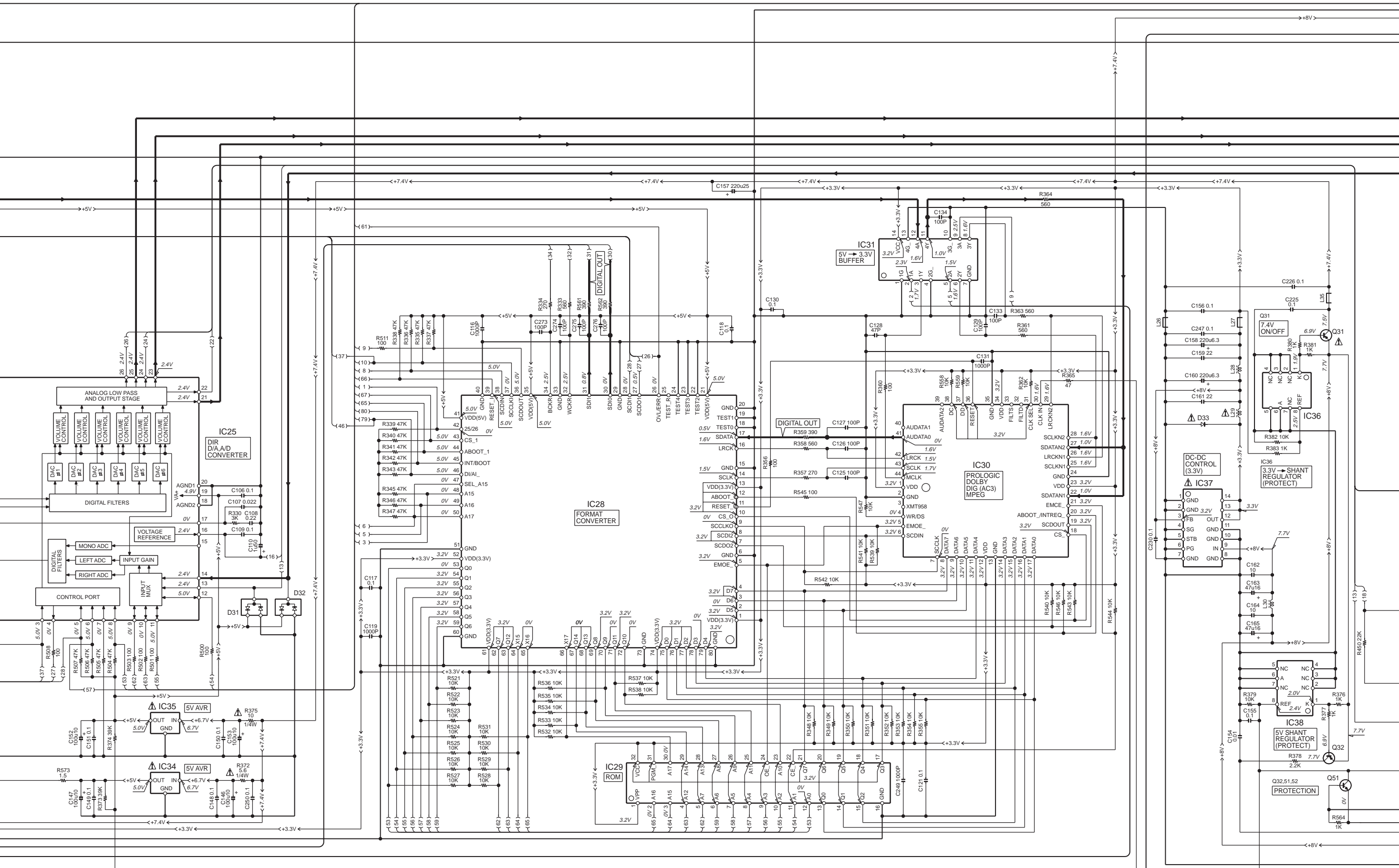
Y05-3892-70

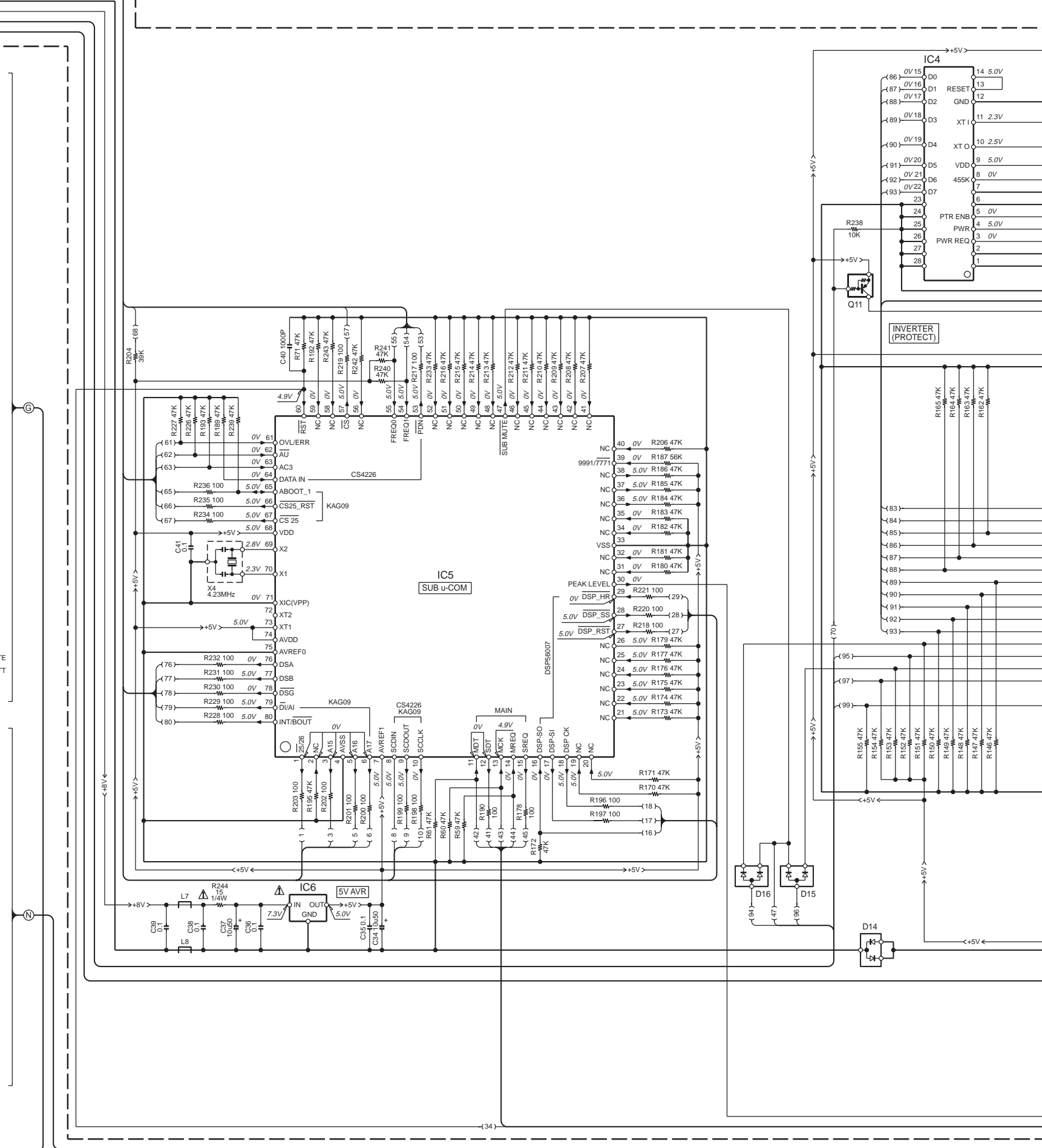
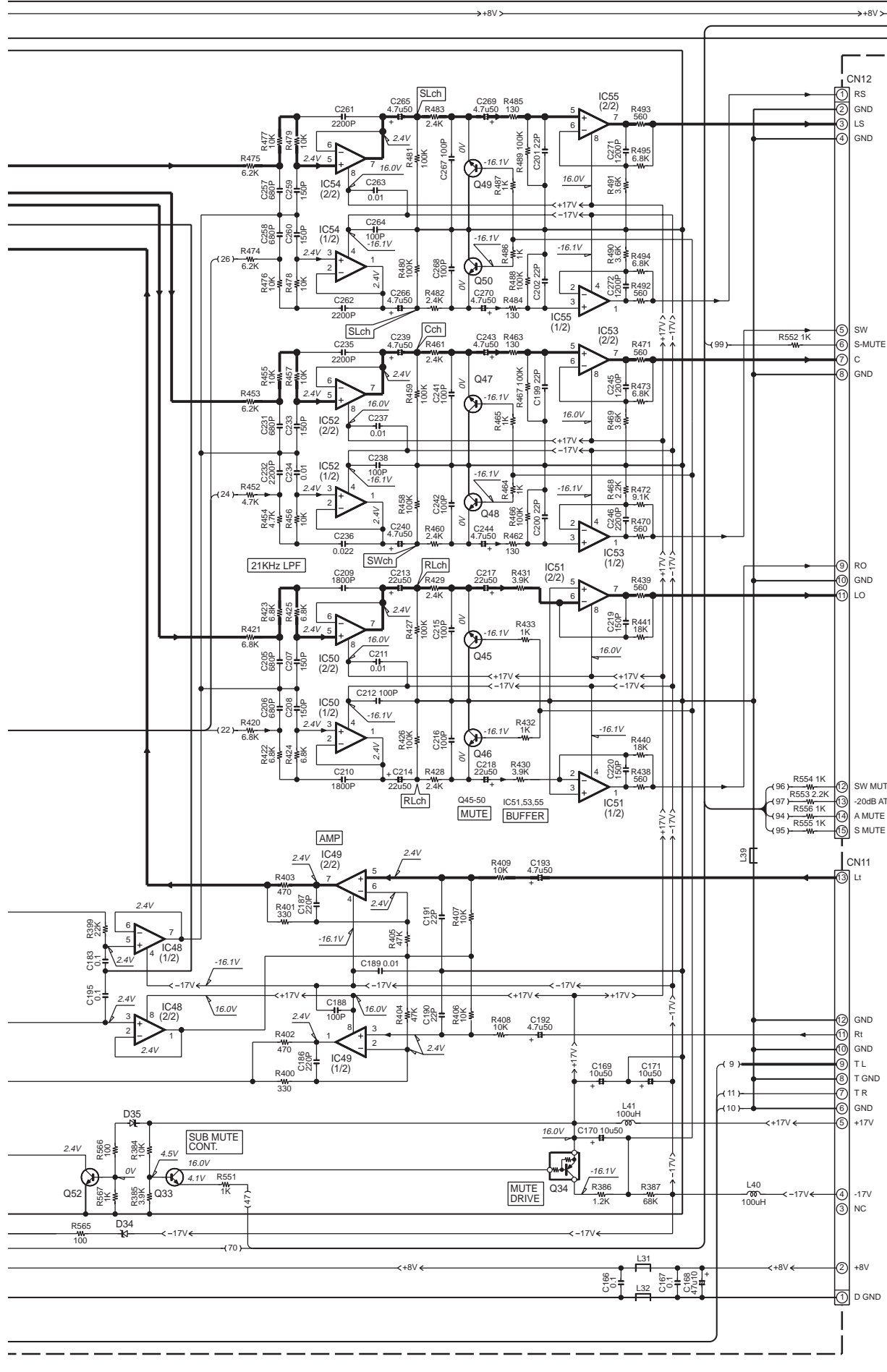
KRF-X9992D/X9992DE

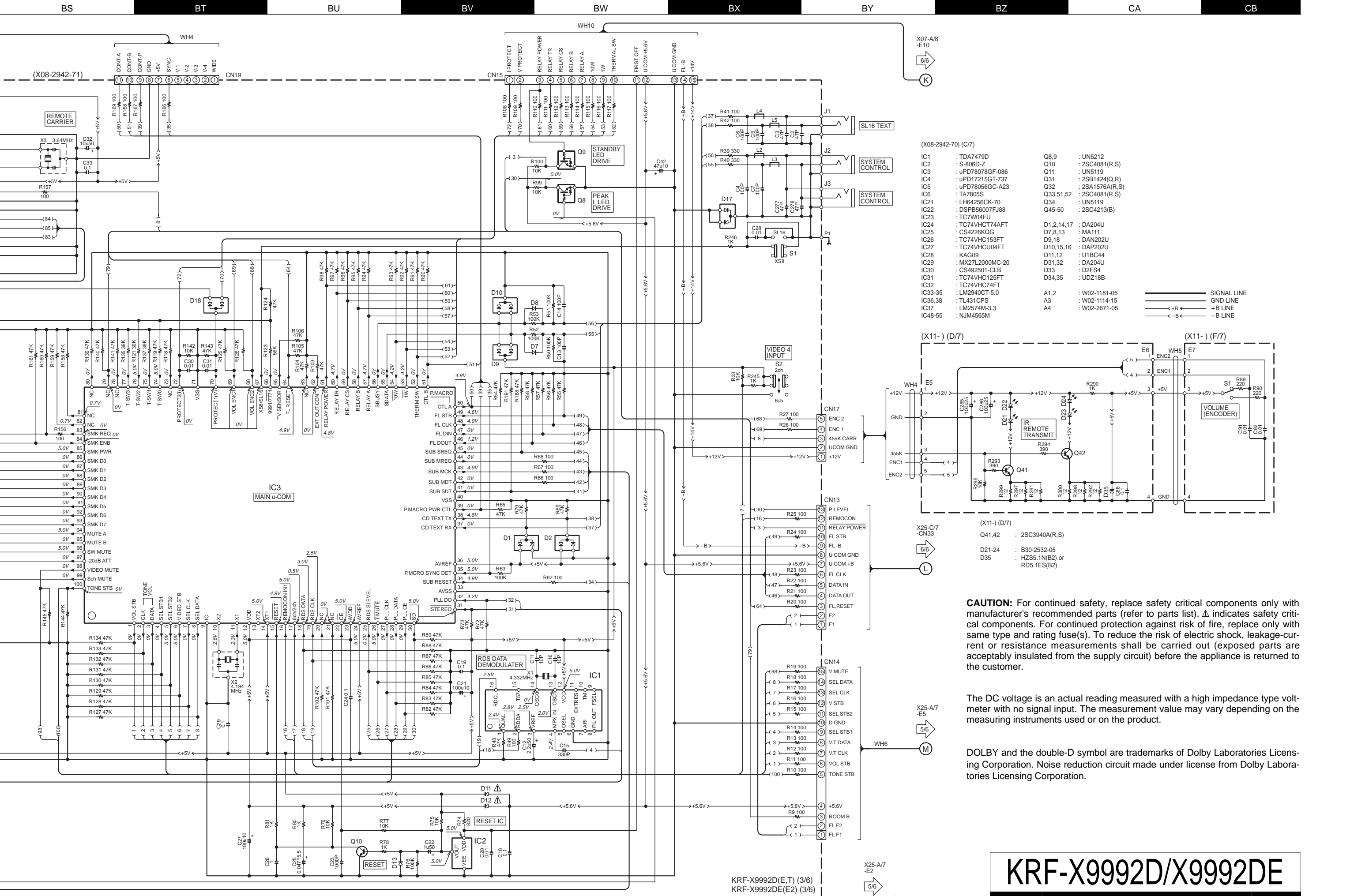
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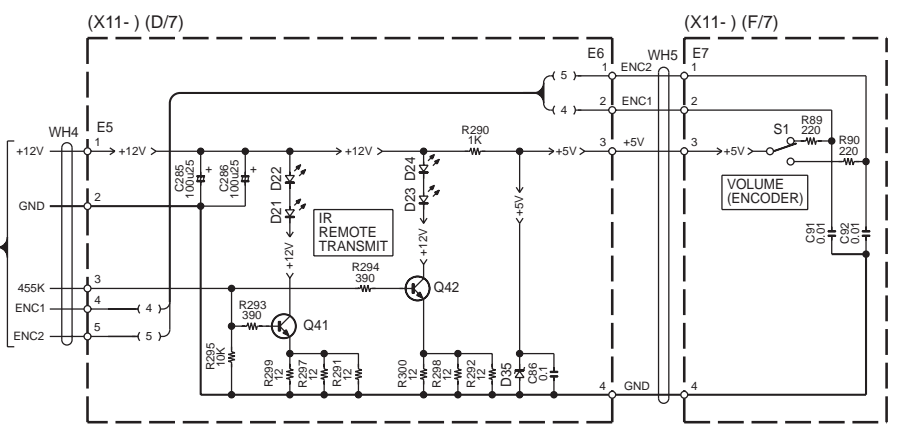
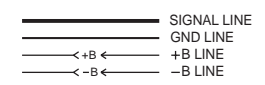
(X08-2942-71)







- (X08-2942-70) (C/7)
- | | |
|------------------------|--------------------------|
| IC1 : TDA7479D | Q8,9 : UN5212 |
| IC2 : S-806D-Z | Q10 : 2SC4081(R,S) |
| IC3 : UPD78078GF-086 | Q11 : UN5119 |
| IC4 : UPD17215GT-737 | Q31 : 2SB1424(Q,R) |
| IC5 : UPD78056GC-A23 | Q32 : 2SA1576A(R,S) |
| IC6 : TA7805S | Q33,51,52 : 2SC4081(R,S) |
| IC21 : LH64256CK-70 | Q34 : UN5119 |
| IC22 : DSP56007FJ88 | Q45-50 : 2SC4213(B) |
| IC23 : TC7W04FU | |
| IC24 : TC74VHCT74AFT | D1,2,14,17 : DA204U |
| IC25 : CS4226KQG | D7,8,13 : MA111 |
| IC26 : TC74VHC153FT | D9,18 : DAN202U |
| IC27 : TC74VHC04FT | D10,15,16 : DAP202U |
| IC28 : KAG09 | D11,12 : U1BC44 |
| IC29 : MX27L2000MC-20 | D31,32 : DA204U |
| IC30 : CS492501-CLB | D33 : D2FS4 |
| IC31 : TC74VHC125FT | D34,35 : UD218B |
| IC32 : TC74VHC74FT | |
| IC33-35 : LM2940CT-5.0 | A1,2 : W02-1181-05 |
| IC36,38 : TL431CPS | A3 : W02-1114-15 |
| IC37 : LM2574M-3.3 | A4 : W02-2671-05 |
| IC48-55 : NJM4565M | |



- (X11-) (D/7)
- | |
|----------------------------------|
| Q41,42 : 2SC3940A(R,S) |
| D21-24 : B30-2532-05 |
| D35 : HZS5.1N(B2) or RD5.1ES(B2) |

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KRF-X9992D/X9992DE

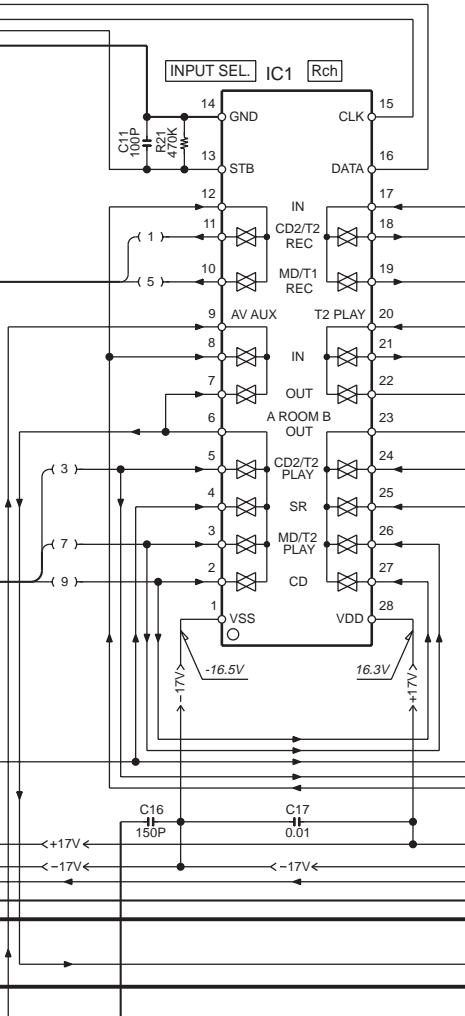
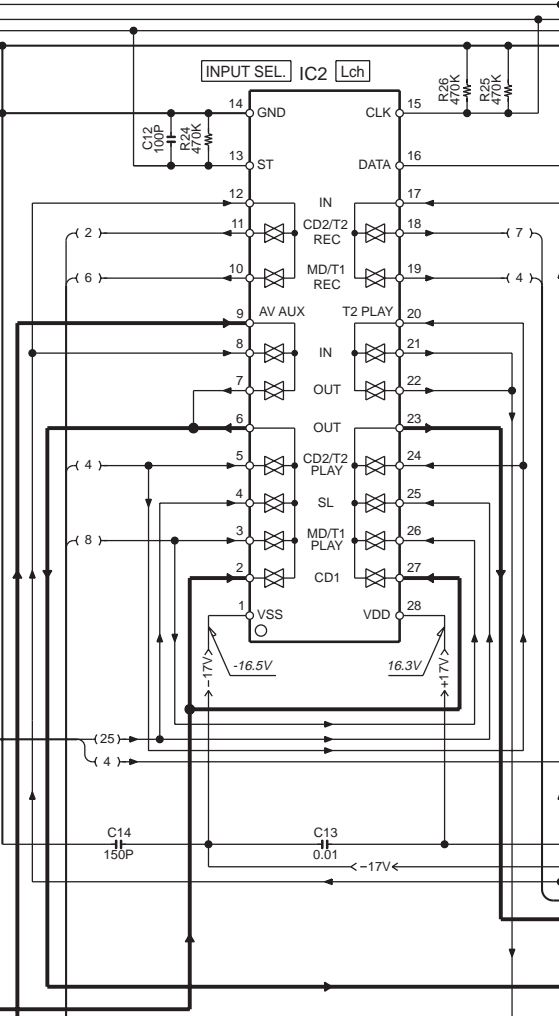
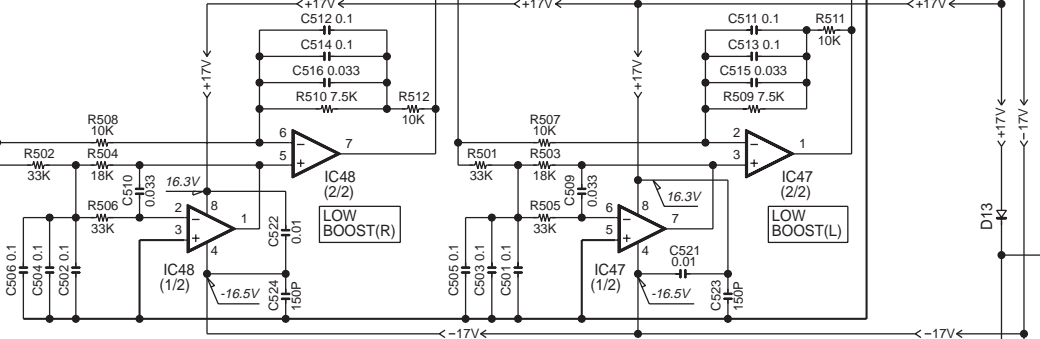
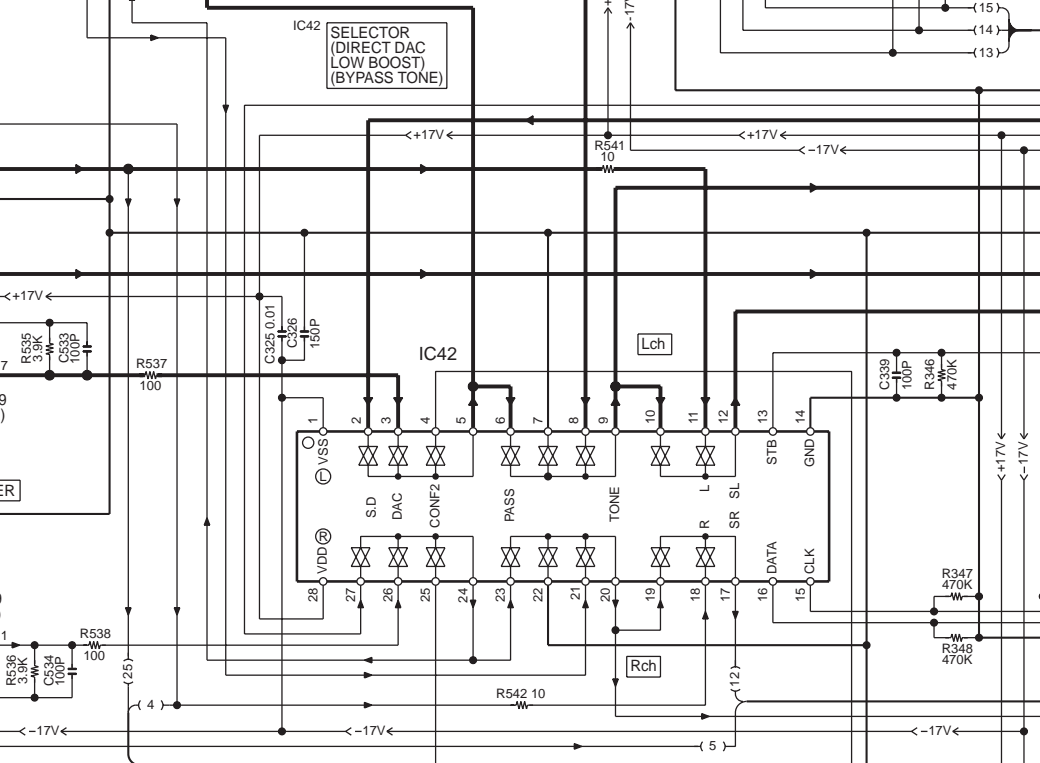
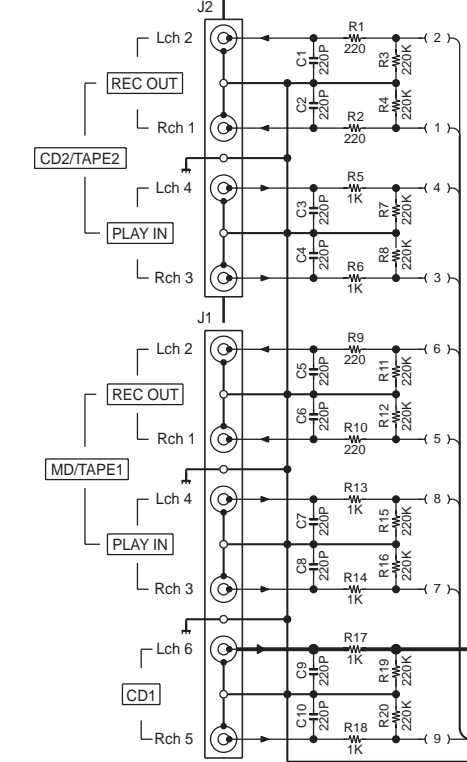
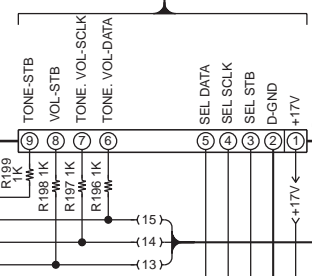
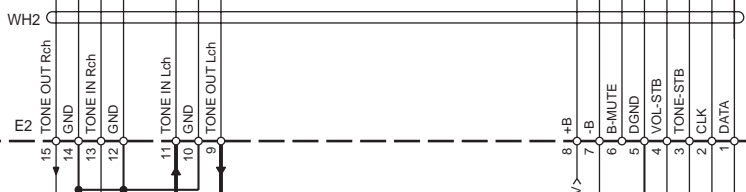
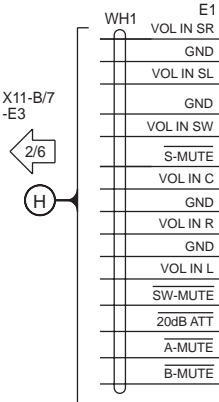
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KRF-X9992D(E,T) (3/6)
 KRF-X9992DE(E2) (3/6)
 Y05-3892-70

X11-C/7
-CN5
1/6
A

X11-B/7
-E3
2/6
H

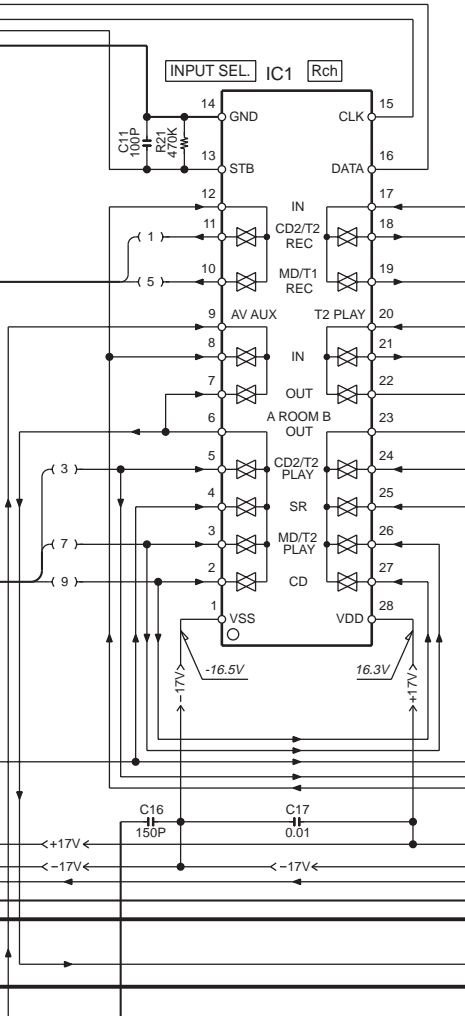
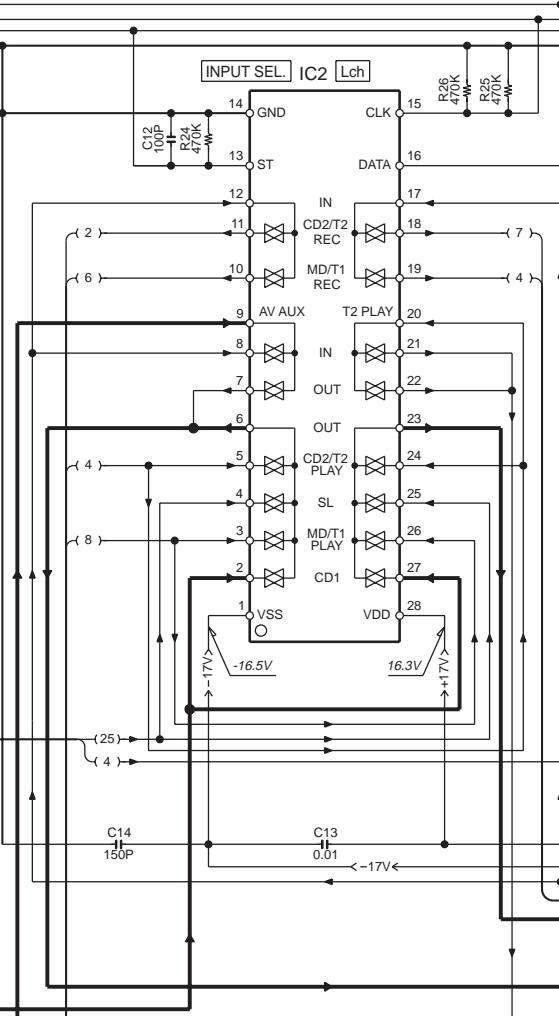
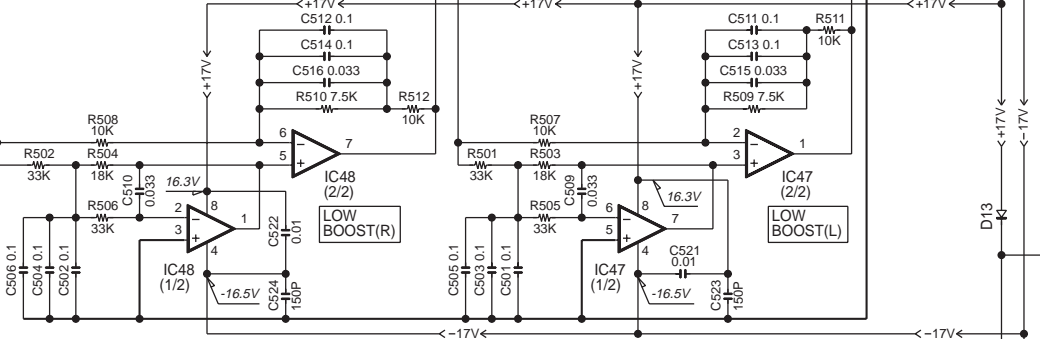
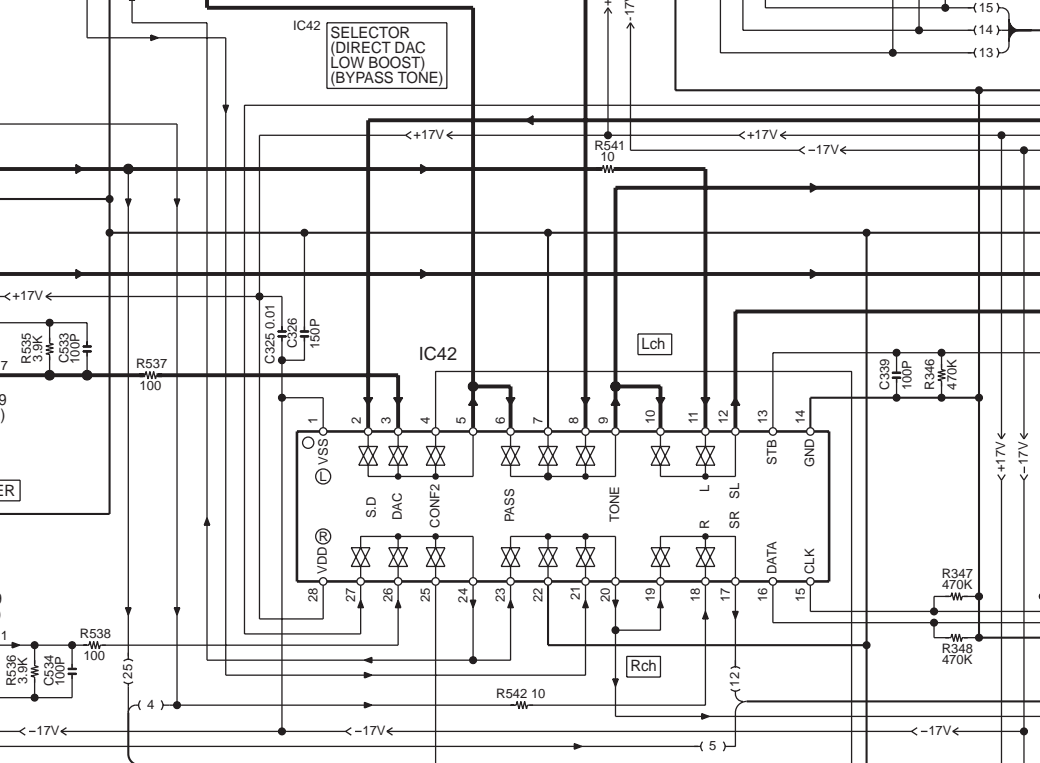
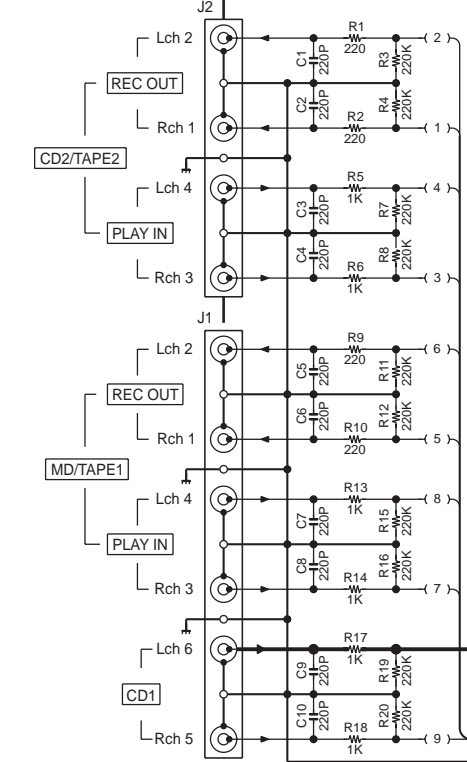
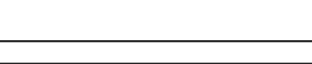
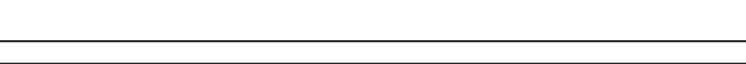
CONTROL UNIT
(X11-3822-71) (A/7)



X11-A/7
-CN5
1/6
A

X11-B/7
-E3
2/6
H

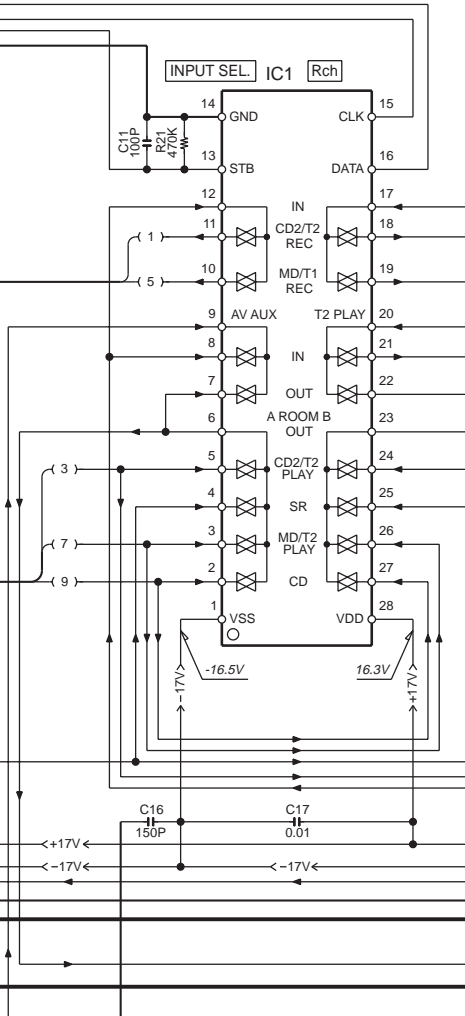
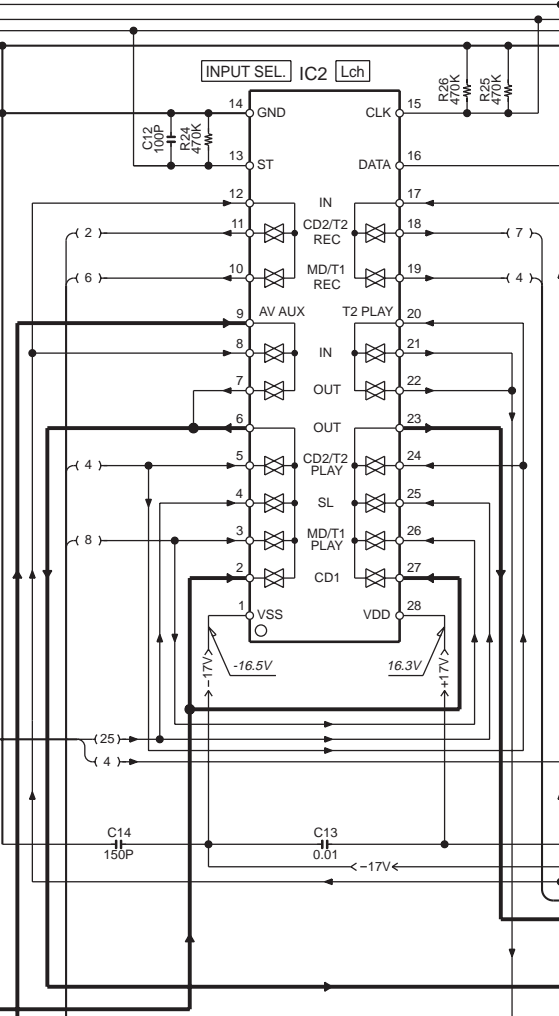
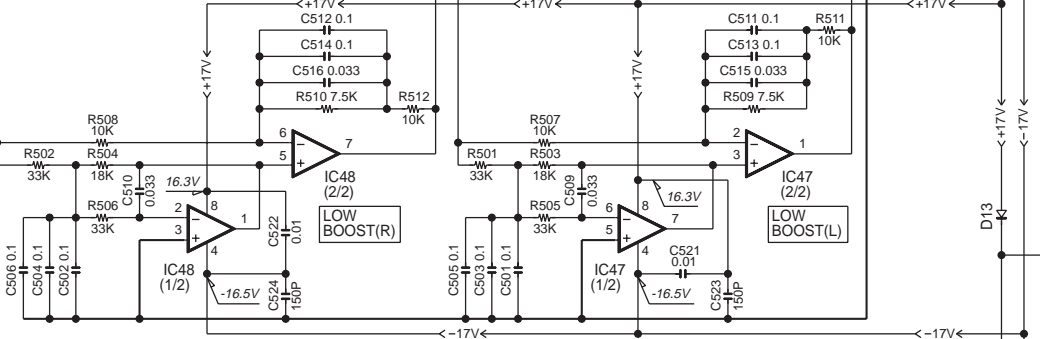
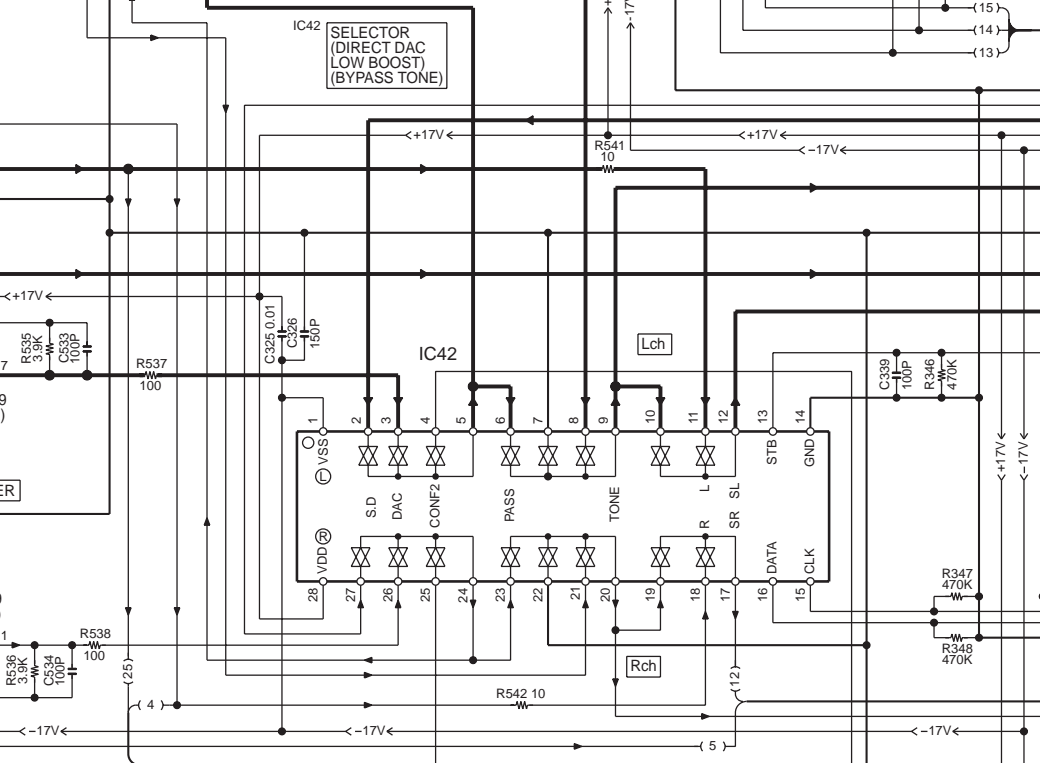
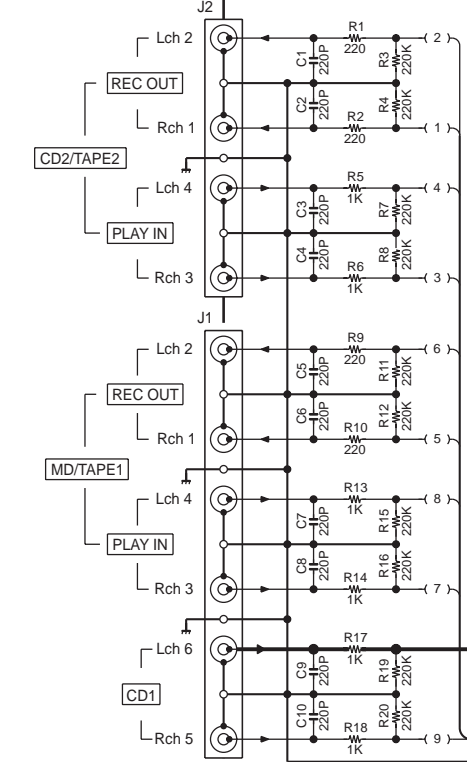
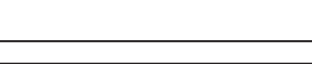
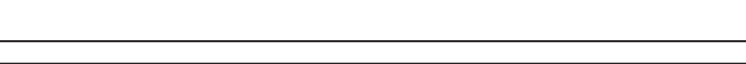
CONTROL UNIT
(X11-3822-71) (A/7)



X11-A/7
-CN5
1/6
A

X11-B/7
-E3
2/6
H

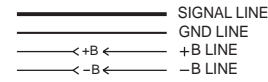
CONTROL UNIT
(X11-3822-71) (A/7)



(X11-3822-71) (A/7)

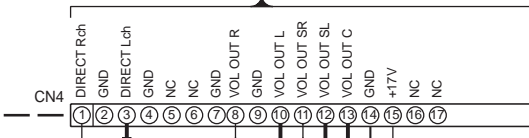
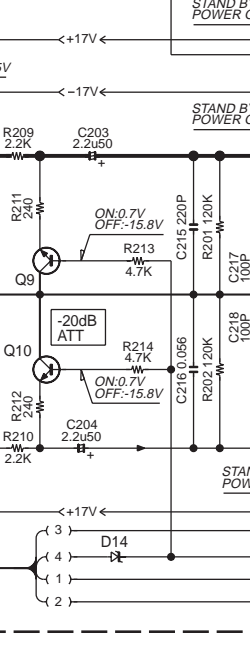
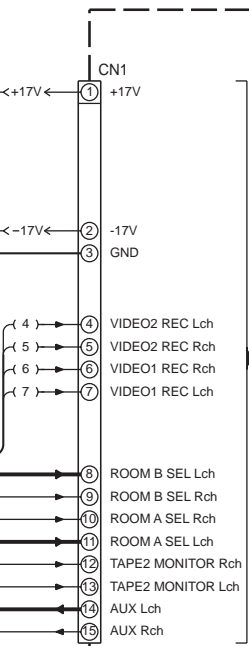
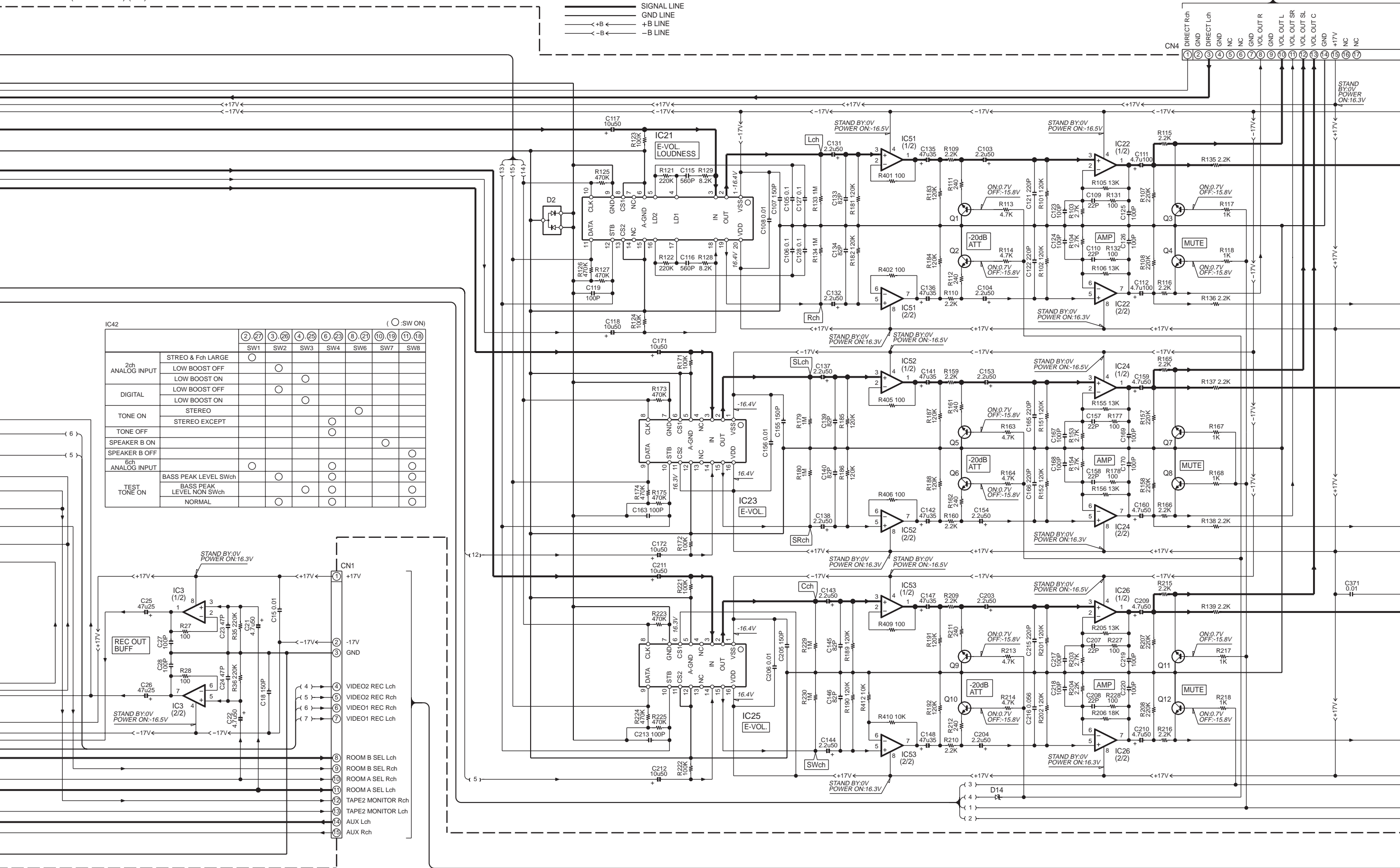
The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

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IC42 (○:SW ON)

		2	27	3	26	4	25	6	23	8	21	10	19	11	18
		SW1	SW2	SW3	SW4	SW6	SW7	SW8							
2ch ANALOG INPUT	STREO & Fch LARGE	○													
	LOW BOOST OFF		○												
DIGITAL	LOW BOOST ON			○											
	LOW BOOST OFF				○										
TONE ON	STEREO										○				
	STEREO EXCEPT											○			
TONE OFF												○			
SPEAKER B ON															○
SPEAKER B OFF															
6ch ANALOG INPUT	BASS PEAK LEVEL SWch		○												
	BASS PEAK LEVEL NON SWch			○											
TEST TONE ON															○
TEST TONE OFF															
NORMAL															



STAND BY:0V POWER ON:16.3V

ON:0.7V OFF:-15.8V

ON:0.7V OFF:-15.8V

ON:0.7V OFF:-15.8V

ON:0.7V OFF:-15.8V

ON:0.7V OFF:-15.8V

ON:0.7V OFF:-15.8V

ON:0.7V OFF:-15.8V

IC1,2 : TC9164AF
 IC3,22,24,26,29-31,51-53 : NJM4565D
 IC21 : TC9412AP
 IC23,25 : TC9413P
 IC42 : TC9163AF
 IC47-49 : NJM4565L

Q1-12,31-36,43-48 : 2SC4213(B)
 Q15,19,23 : UN5119 or DTA113ZUA
 Q16,20,22,24 : 2SC4081(R,S) or 2SC4116(Y,GR)
 Q21 : 2SA1576A(R,S) or 2SA1586(Y,GR)

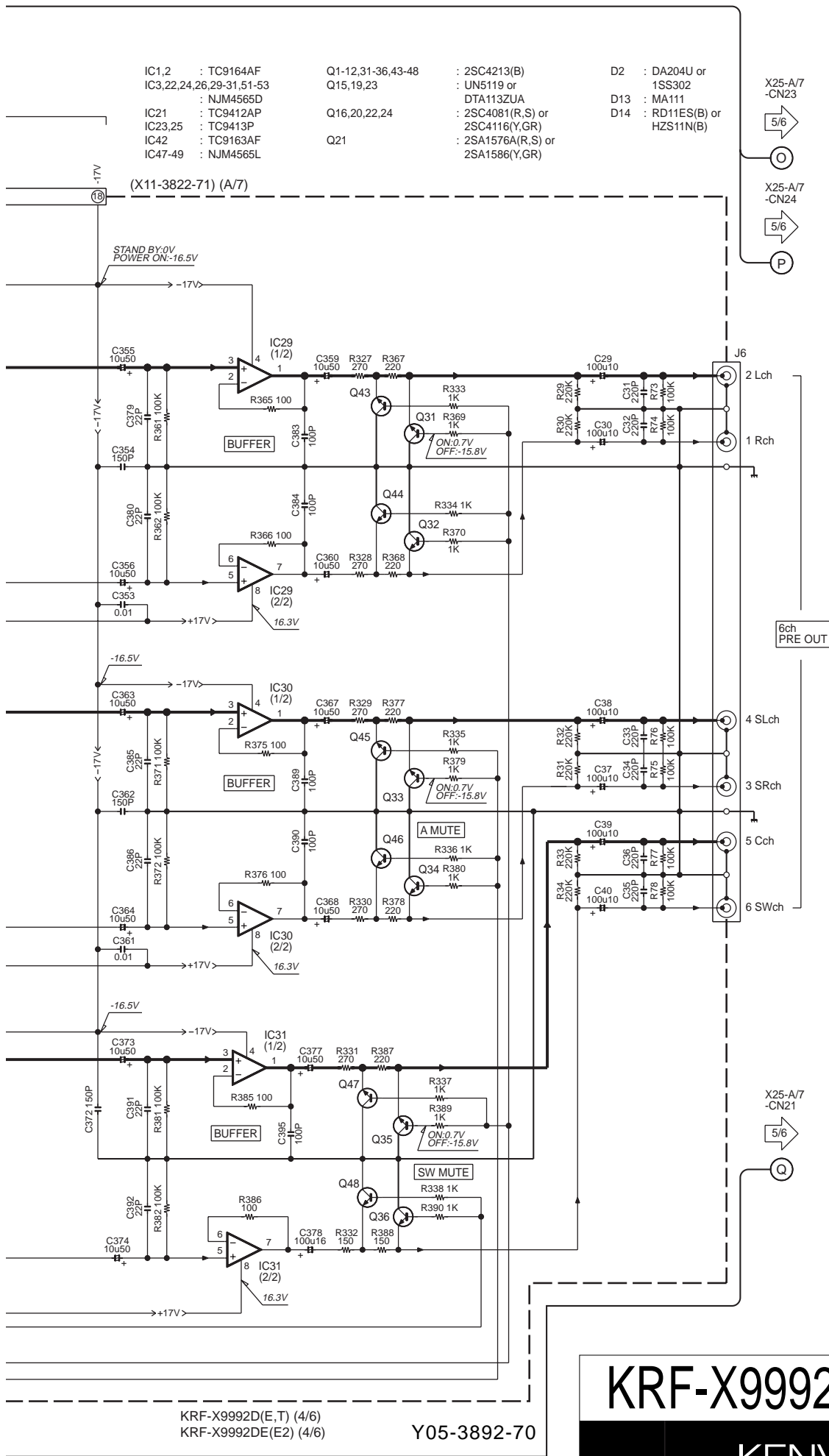
D2 : DA204U or 1SS302
 D13 : MA111
 D14 : RD11ES(B) or HZS11N(B)

X25-A/7
 -CN23

X25-A/7
 -CN24

(X11-3822-71) (A/7)

STAND BY:0V
 POWER ON:-16.5V



KRF-X9992D(E,T) (4/6)
 KRF-X9992DE(E2) (4/6)

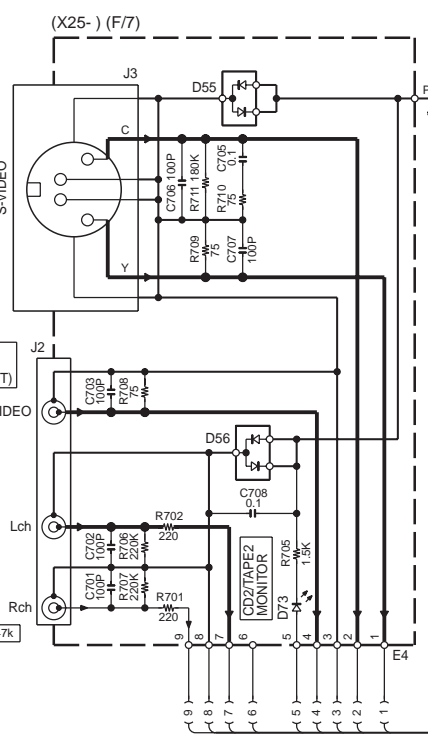
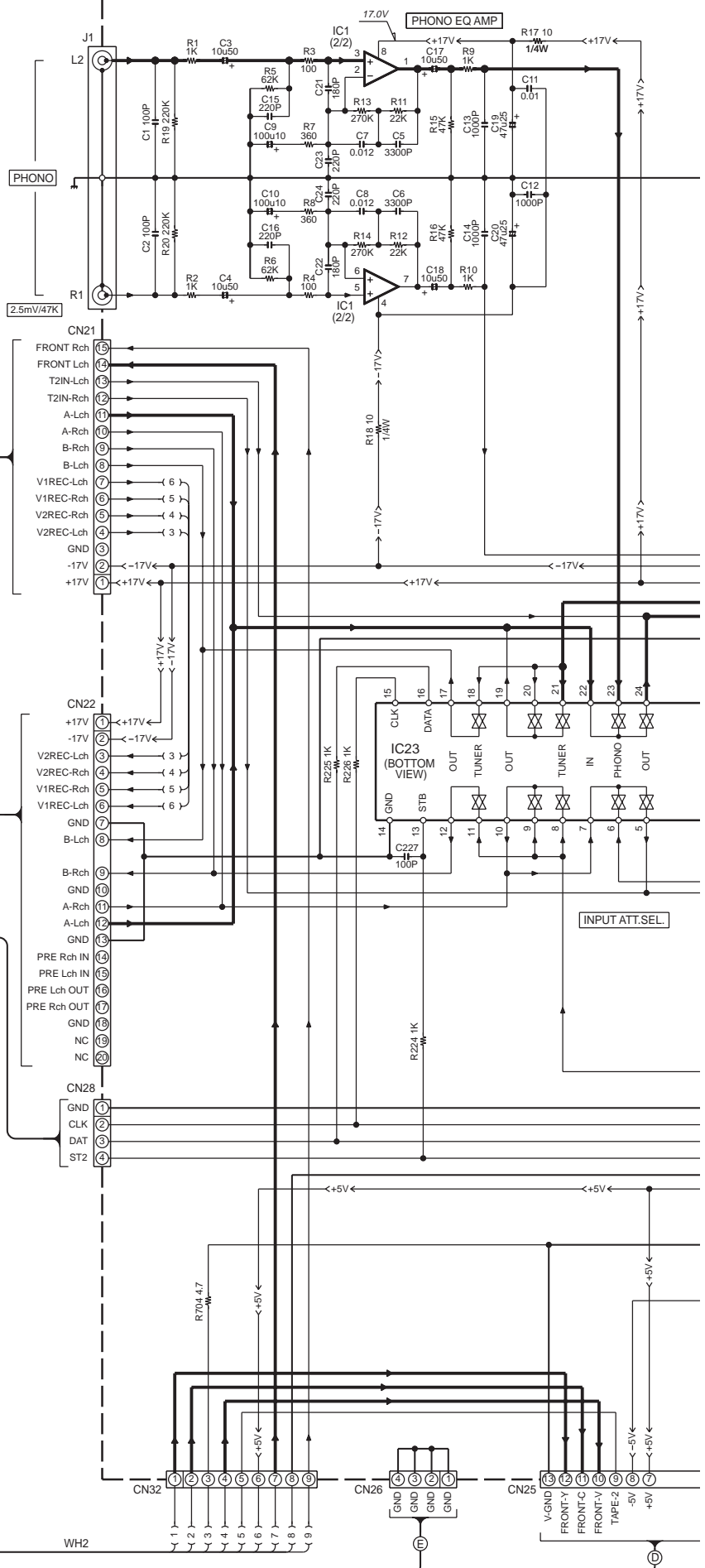
Y05-3892-70

KRF-X9992D/X9992DE

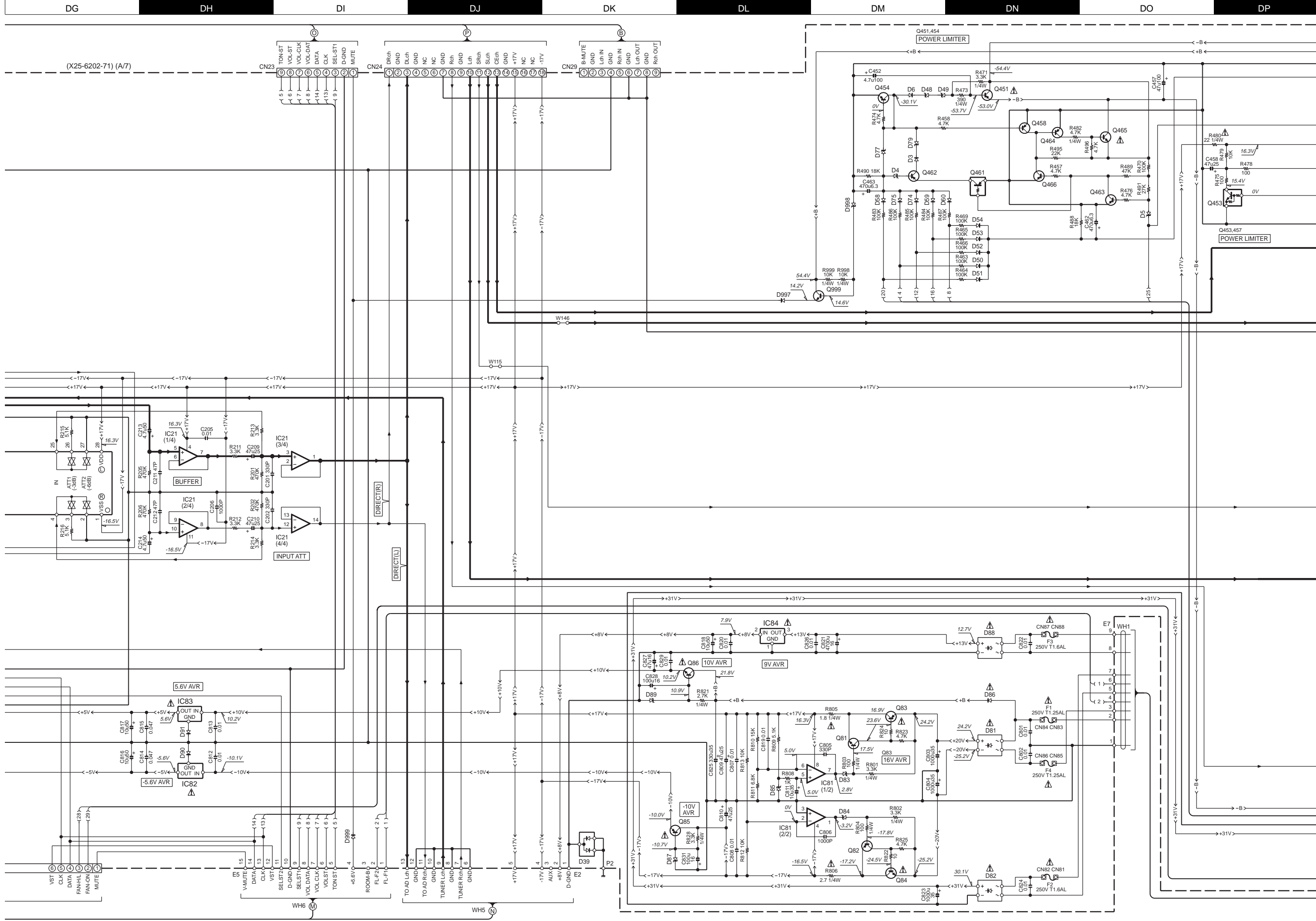
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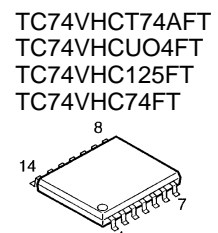
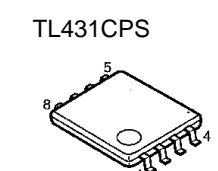
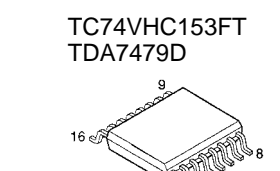
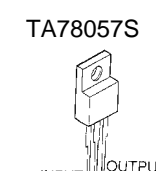
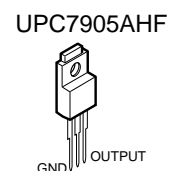
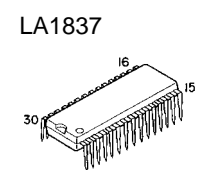
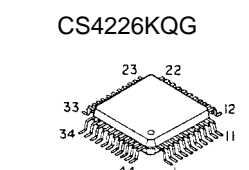
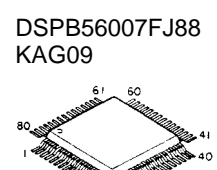
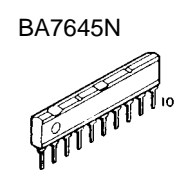
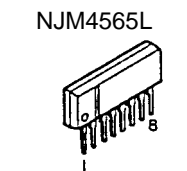
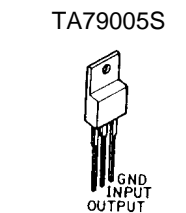
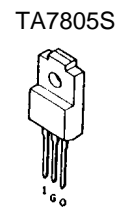
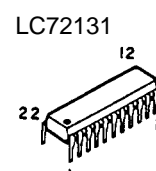
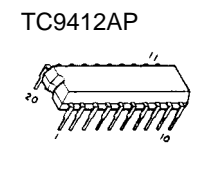
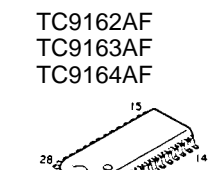
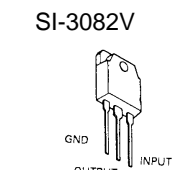
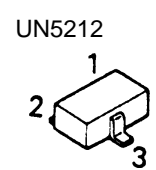
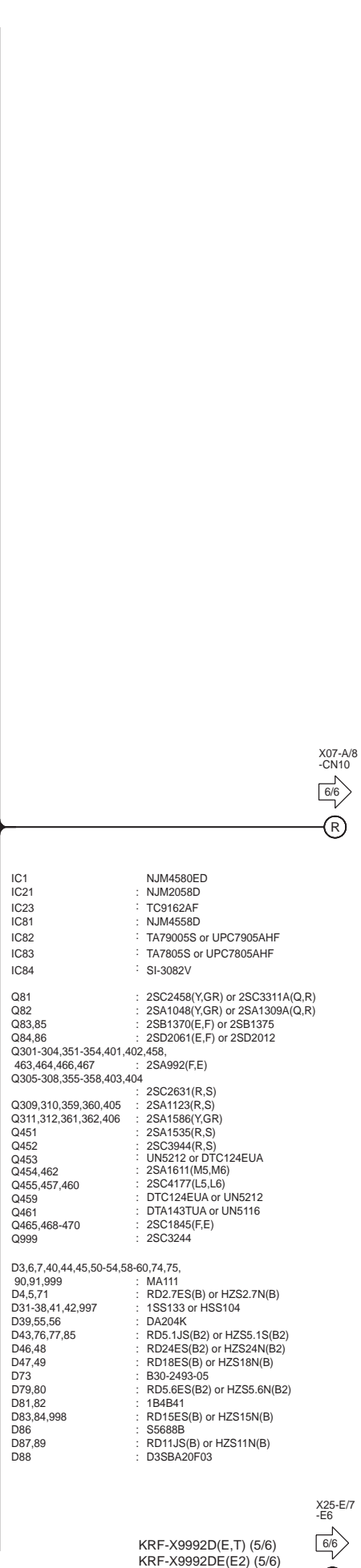
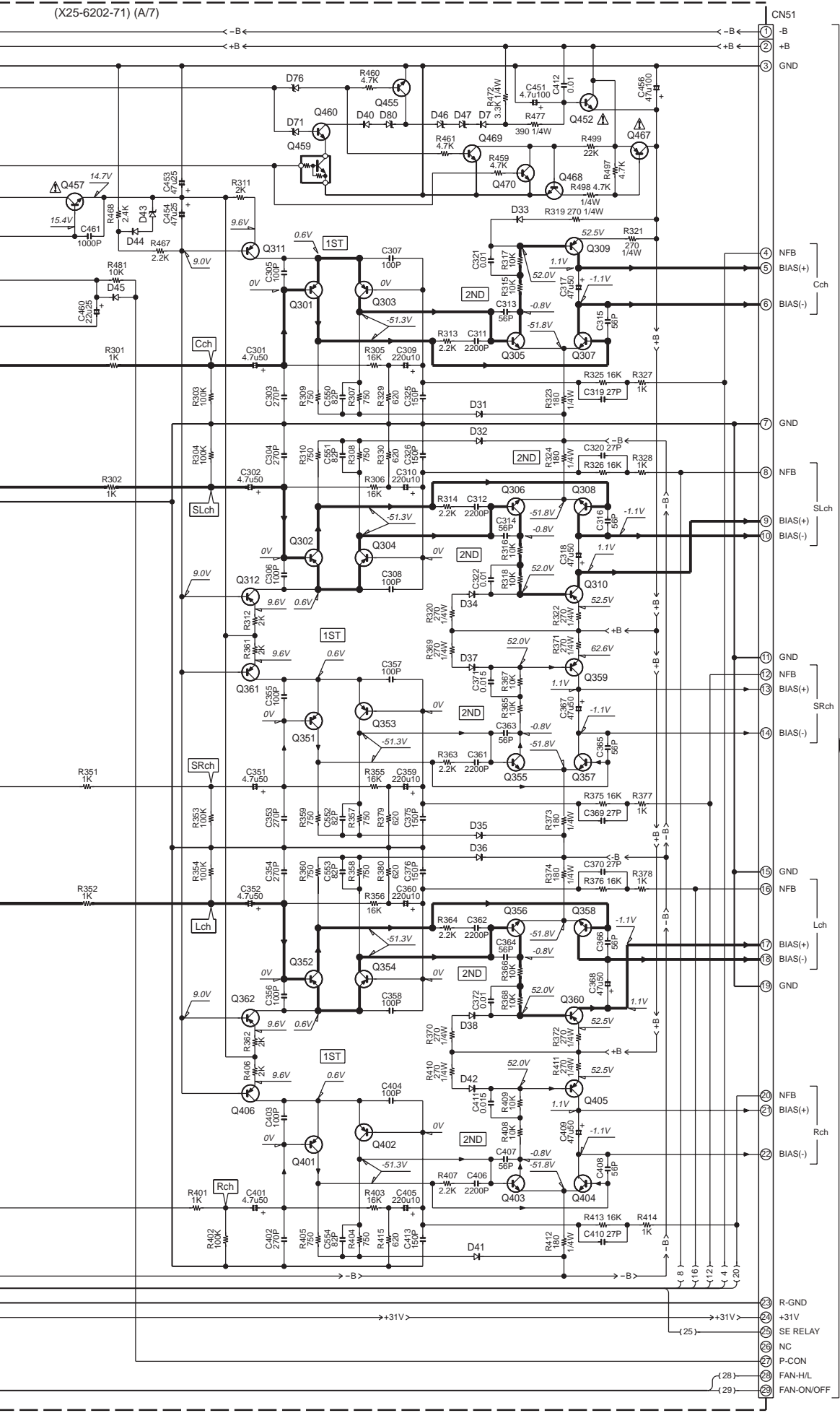
- 1 X11-C/7 -CN7 1/6 (B)
- 2 X11-A/7 -CN3 4/6 (O)
- X11-A/7 -CN4 4/6 (P)
- 3 X11-A/7 -CN1 4/6 (Q)
- 4 X11-B/7 -CN2 2/6 (J)
- X11-B/7 -CN10 2/6 (I)
- 5 X25-B/7 -CN11 2/6 (D)
- X25-B/7 -CN27 2/6 (E)
- 6 X08-CN11 3/6 (N)
- X08-CN14 3/6 (M)
- 7

ELECTRIC UNIT
(X25-6202-71) (A/7)



1
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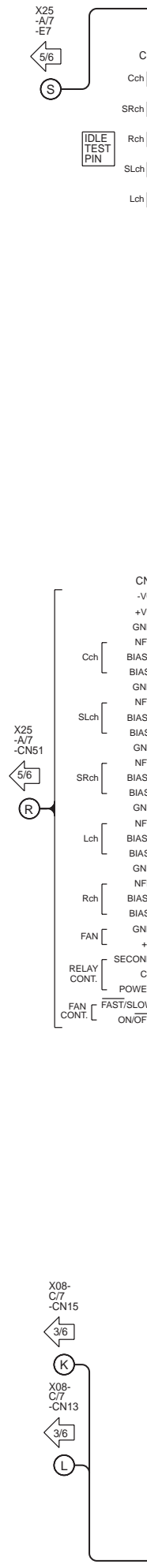
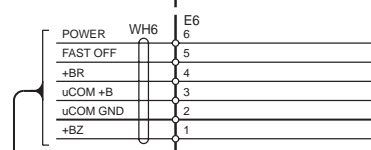
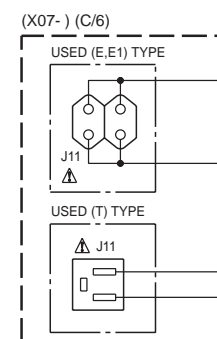
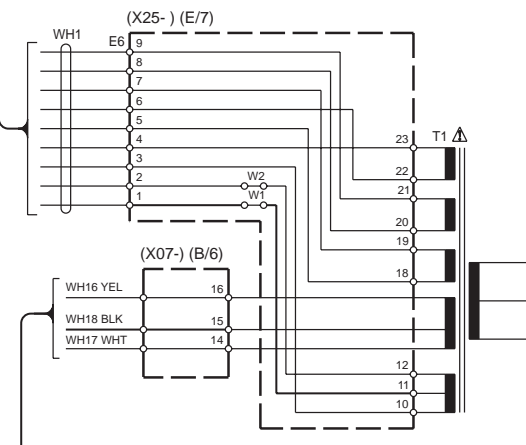
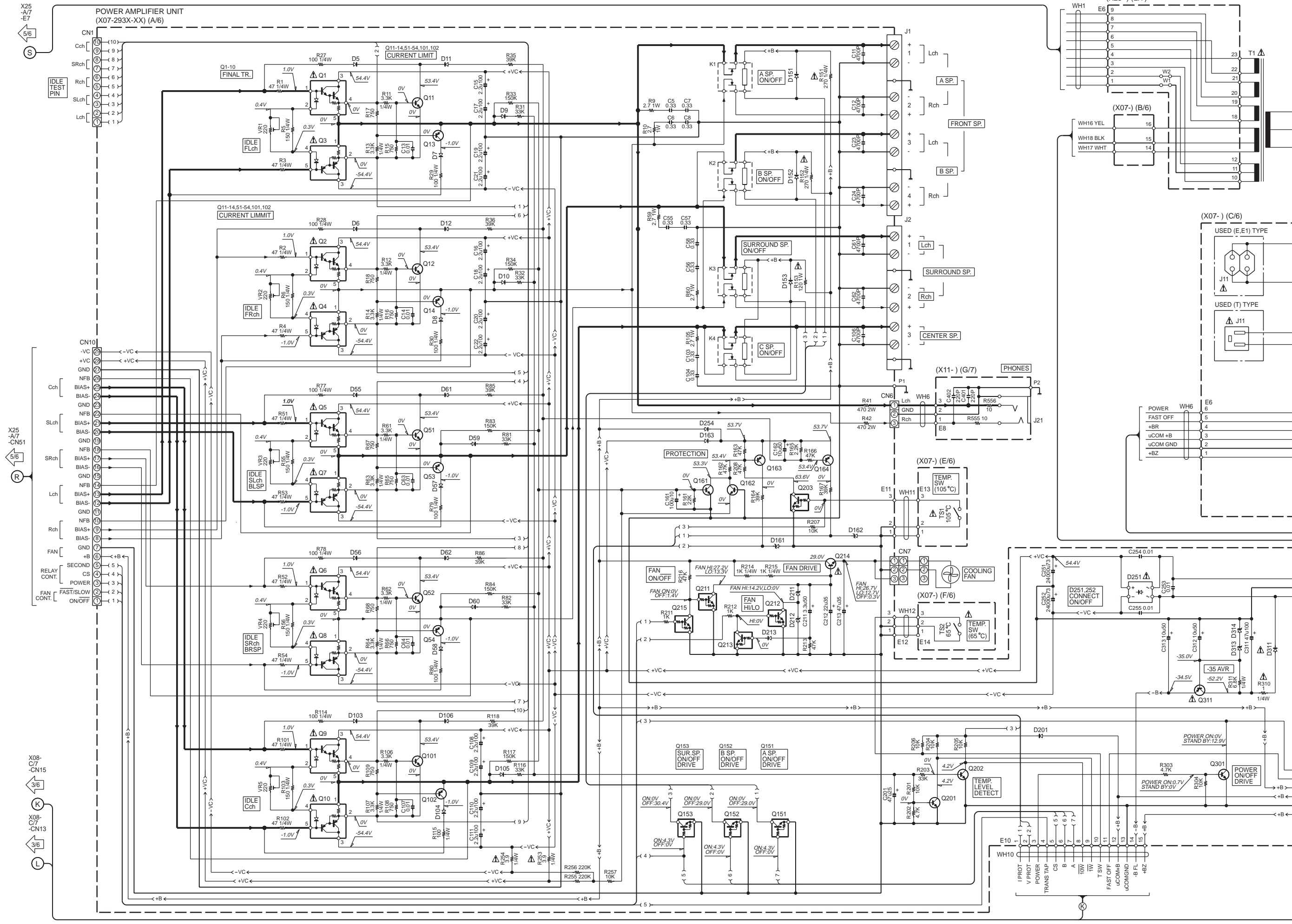
KRF-X9992D(E,T) (5/6)
KRF-X9992DE(E2) (5/6)

Y05-3892-70

KRF-X9992D/X9992DE

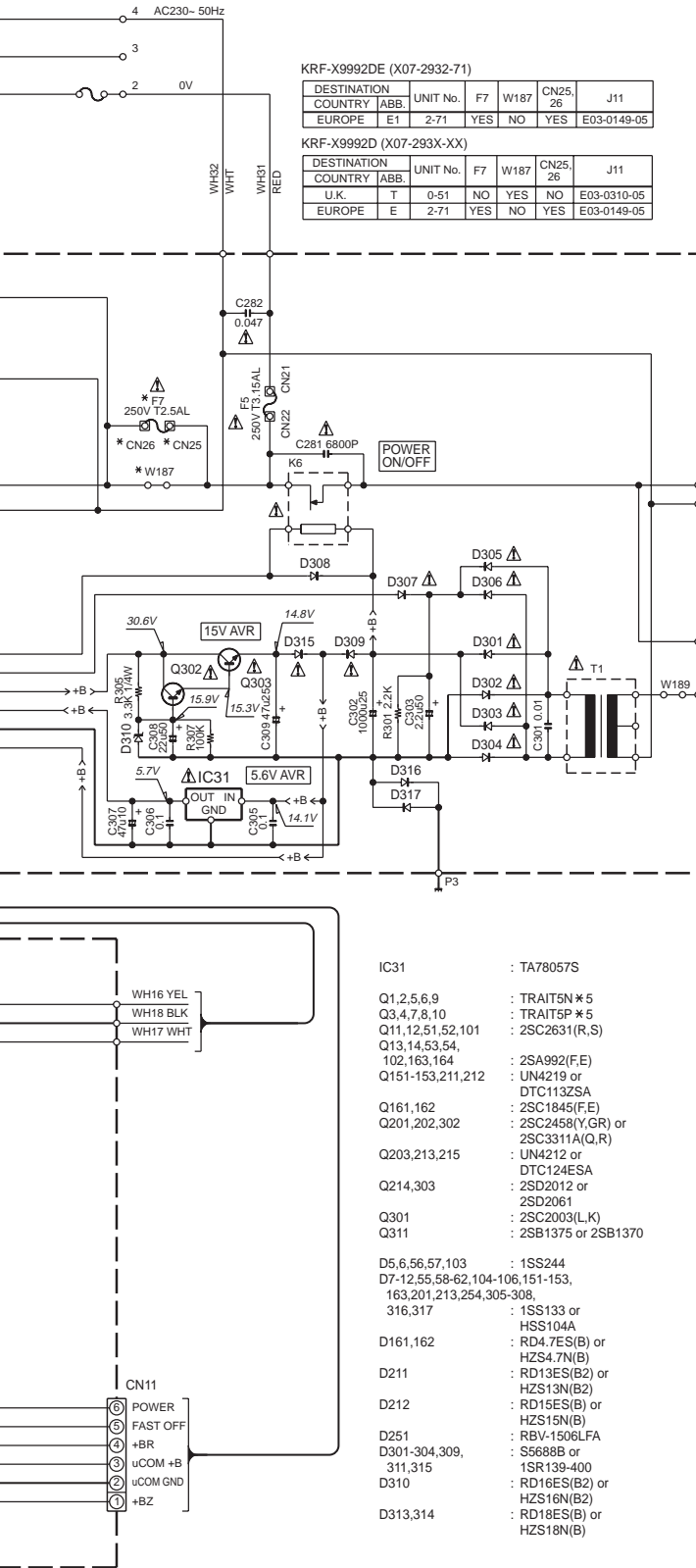
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POWER AMPLIFIER UNIT
(X07-293X-XX) (A/6)



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2
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DISPLAY UNIT
(X25-6202-71) (C/7)

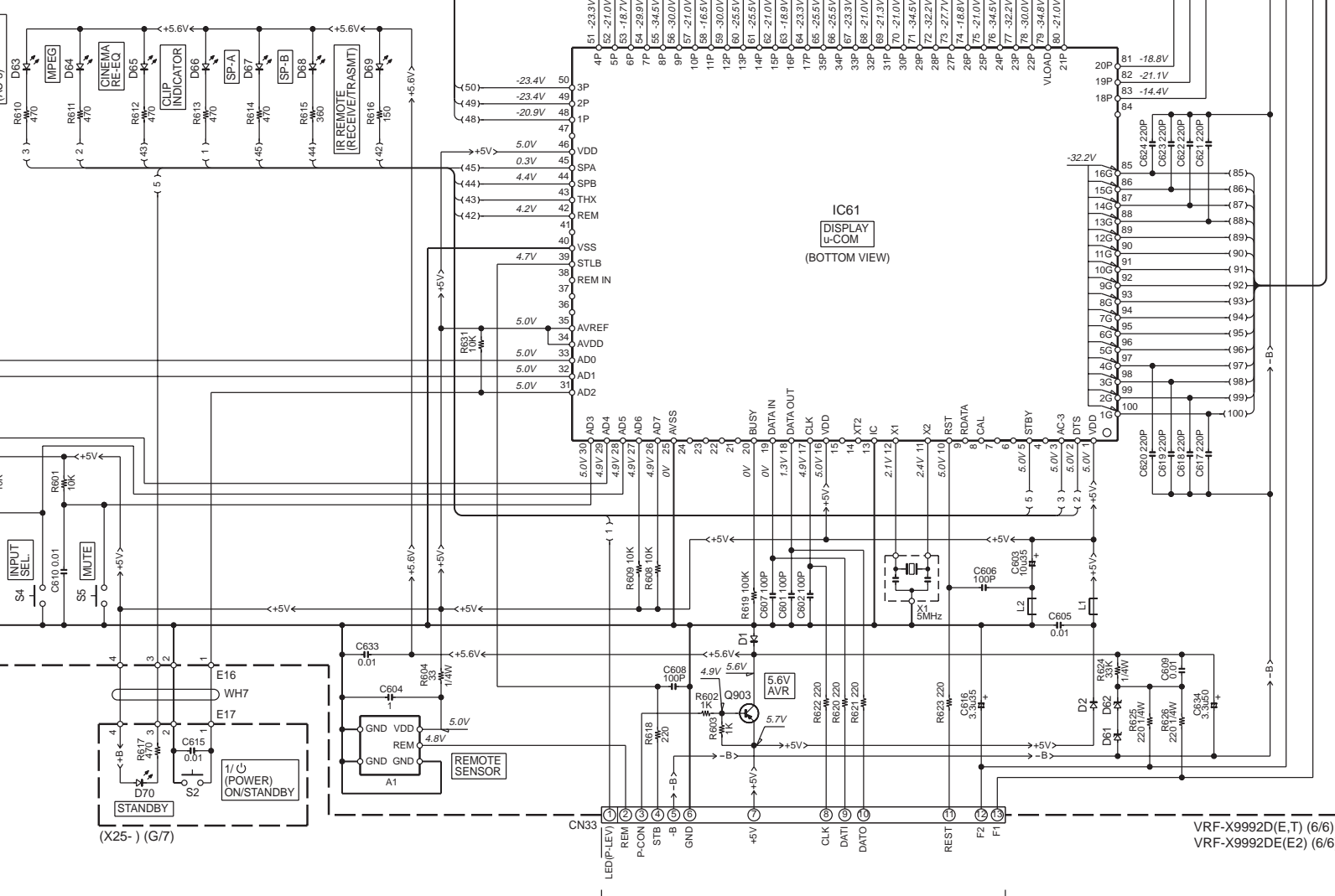
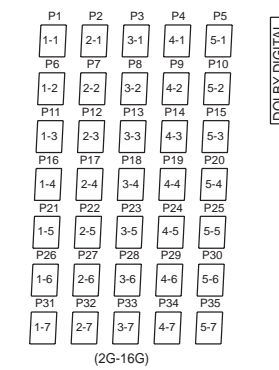
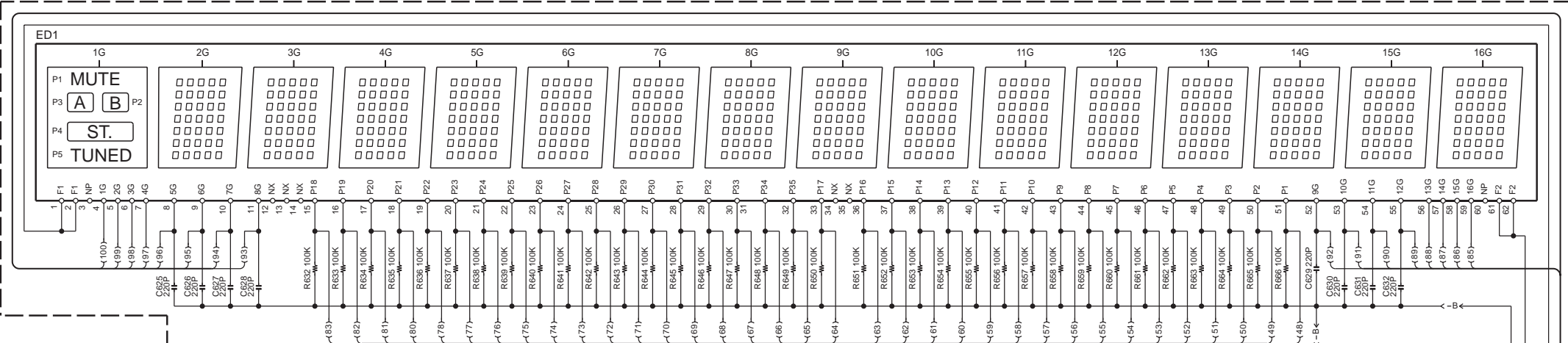


KRF-X9992DE (X07-2932-71)

DESTINATION	COUNTRY	ABB.	UNIT No.	F7	W187	CN25, 26	J11
EUROPE	E1		2-71	YES	NO	YES	E03-0149-05

KRF-X9992D (X07-293X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	F7	W187	CN25, 26	J11
U.K.	T		0-51	NO	NO	NO	E03-0310-05
EUROPE	E		2-71	YES	NO	YES	E03-0149-05



IC31 : TA78057S

Q1,2,5,6,9 : TRAIT5N * 5
Q3,4,7,8,10 : TRAIT5P * 6
Q11,12,51,52,101 : 2SC2631(R,S)
Q13,14,53,54,102,163,164 : 2SA992(F,E)
Q151-153,211,212 : UN4219 or DTC113ZSA
Q161,162 : 2SC1845(F,E)
Q201,202,302 : 2SC2458(Y,GR) or 2SC3311A(Q,R)

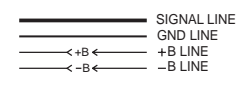
Q203,213,215 : UN4212 or DTC124ESA
Q214,303 : 2SD2012 or 2SD2061
Q301 : 2SC2003(L,K)
Q311 : 2SB1375 or 2SB1370

D5,6,56,57,103 : 1SS244
D7-12,55,58-62,104-106,151-153,163,201,213,254,305-308,316,317 : 1SS133 or HSS104A
D161,162 : RD4.7ES(B) or HZS4.7N(B)
D211 : RD13ES(B2) or HZS13N(B2)
D212 : RD15ES(B) or HZS15N(B)
D251 : RBV-1506LFA
D301-304,309,311,315 : S5688B or 1SR139-400
D310 : RD16ES(B2) or HZS16N(B2)
D313,314 : RD18ES(B) or HZS18N(B)

IC61 : uPD780204-038
Q903 : 2SA1611(M5,M6)
D1 : MA111
D2 : U1BC44
D61 : RD3.3ES(B) or HZS3.3N(B)
D62 : RD2.7ES(B) or HZS2.7N(B)
D63-66,70 : B30-2493-05
D67,68 : B30-2430-05
D69 : B30-1010-05
A1 : W02-2571-05

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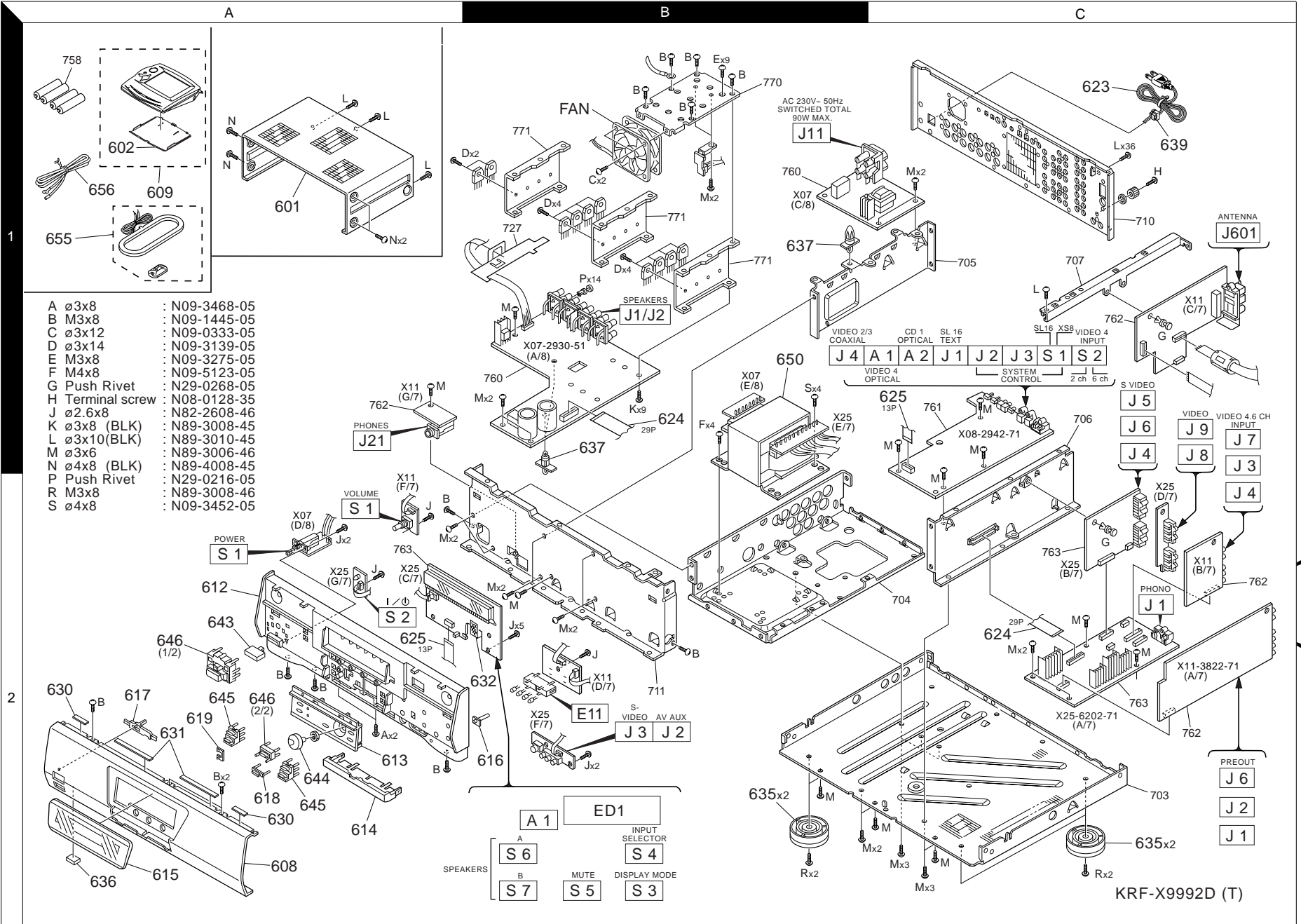
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Y05-3892-70

KRF-X9992D/X9992DE

KENWOOD



EXPLODED VIEW (UNIT)

KRF-X9992D/X9992DE

* New Parts
 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.

①

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
KRF-X9992D/X9992DE E1: KRF-X9992DE						
601	1A		A01-3680-01	METALLIC CABINET		
602	1A	*	A09-1130-08	BATTERY COVER		
608	2A	*	A60-1649-12	PANEL		
609	1A	*	A70-1290-05	REMOTE CONTROLLER ASSY(RC-R1007)		
612	2A		B01-0533-21	PANEL ESCUTCHEON		
613	2A		B07-2396-22	ESCUTCHEON		
614	2A		B10-2418-03	FRONT GLASS		
615	2A	*	B10-3503-03	FRONT GLASS		
616	2B		B12-0303-24	INDICATOR		
617	2A		B12-0326-04	INDICATOR		
618	2A		B12-0331-04	INDICATOR		
619	2A		B12-0333-04	INDICATOR		
-			B46-0310-03	WARRANTY CARD		
-			B58-0945-03	CAUTION CARD	T1	
-			B58-0965-13	CAUTION CARD (PL)	T1	
-			B58-0966-13	CAUTION CARD (PL)	E	
-			B58-1607-03	CAUTION CARD	E1	
-		*	B59-1438-00	SUB-INSTRUCTION MANUAL		
-		*	B60-4326-00	INSTRUCTION MANUAL(EN)	T1E1	
-		*	B60-4327-00	INSTRUCTION MANUAL(EN)	T1E1	
-		*	B60-4328-00	INSTRUCTION MANUAL(FR)	E	
-		*	B60-4329-00	INSTRUCTION MANUAL(FR)	E	
-		*	B60-4330-00	INSTRUCTION MANUAL(GE)	E	
-		*	B60-4331-00	INSTRUCTION MANUAL(GE)	E	
-		*	B60-4332-00	INSTRUCTION MANUAL(NE)	E	
-		*	B60-4333-00	INSTRUCTION MANUAL(NE)	E	
△ 623	1C		E30-2579-05	AC POWER CORD	EE1	
△ 623	1C		E30-2718-05	AC POWER CORD	T1	
624	1B,2C		E35-2056-05	FLAT CABLE 29P		
625	2A,1C		E35-2057-05	FLAT CABLE 13P		
630	2A		G11-0155-14	SOFT TAPE (40X9X2)		
631	2A		G11-0185-04	SOFT TAPE (120X5X2)		
632	2B		G11-2405-04	SOFT TAPE		
-		*	G11-2489-04	CUSHION		
-		*	G13-0597-04	CUSHION		
-			H10-7416-22	POLYSTYRENE FOAMED FIXTURE		
-			H10-7417-32	POLYSTYRENE FOAMED FIXTURE		
-			H11-0094-04	POLYSTYRENE FOAMED BOARD		
-		*	H13-0311-14	CARTON BOARD		
-		*	H21-0374-04	PROTECTION SHEET		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)	EE1	
-			H25-0651-04	PROTECTION BAG	T1	
-		*	H50-3286-04	ITEM CARTON CASE	ET1	
-		*	H50-3336-04	ITEM CARTON CASE	E1	
635	2B,2C		J02-1404-13	FOOT (D=46,H=18.5,T)		
636	2A		J30-0480-04	SPACER		
△ 637	1B		J19-5910-05	UNIT HOLDER		
639	1C		J42-0083-05	POWER CORD BUSHING		
-			J61-0098-05	WIRE BAND		
643	2A		K27-2248-04	KNOB (BUTTON) POWER		
644	2A		K29-6852-04	KNOB VOLUME		
645	2A		K29-6855-03	KNOB TACT		

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②

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
646	2A		K29-6858-12	KNOB POWER		
650	1B		L07-2461-05	POWER TRANSFORMER		
-			L92-0070-05	FERRITE CORE		
655	1A		T90-0833-05	LOOP ANTENNA		
656	1A		T90-0841-05	LEAD WIRE ANTENNA		

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PARTS LIST

(Refer to page 4)

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Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation
POWER(X07-2932-71)				SURROUND(X08-2942-71)							
C5 -8 C11 ,12 C13 ,14 C15 -22 C23 ,24		CF92FV1H334J CQ93FMG1H472J CK45FF1H103ZMU CE04KW2A2R2M CQ93FMG1H472J		△ R310 R311 VR1 -5		RD14NB2E1R0J RD14NB2E682J R32-0030-05		△ Q214 Q214 Q215 Q215 Q301		2SD2012 2SD2061 DTC124ESA UN4212 2SC2003(L,K)	
C55 -58 C61 ,62 C63 ,64 C103,104 C106		CF92FV1H334J CQ93FMG1H472J CK45FF1H103ZMU CF92FV1H334J CQ93FMG1H472J		△ K1 -4 △ K6 △ S1 △ TS1 △ TS2		S76-0076-05 S76-0077-05 S40-1103-05 H16.7.5 S79-0028-05		△ Q302 △ Q302 △ Q303 △ Q303 △ Q311		2SC2458(Y,GR) 2SC3311A(Q,R) 2SD2012 2SD2061 2SB1370	
C107 C108-111 C161 C162 C201		CK45FF1H103ZMU CE04KW2A2R2M CE04KW1A101M CE04KW1H100M CE04KW1E470M		D5 ,6 D7 -12 D7 -12 D55 D55		1SS244 HSS104A 1SS133 HSS104A 1SS133		△ Q311		2SB1375	
C211 C212 C213 C251,252 C253-255		CE04KW1H3R3M CE04KW1V220M CE04KW1V470M C90-3750-05 CK45FE2H103PMM		D56 ,57 D58 -62 D58 -62 D103 D104-106		1SS244 HSS104A 1SS133 1SS244 HSS104A		SURROUND(X08-2942-71)			
△ C281 △ C282 C301 C302 C303		C91-1488-05 C91-1444-05 CK45FF1H103ZMU CE04KW1E102M CE04KW1H2R2M		D104-106 D151-153 D151-153 D161,162 D161,162		1SS133 HSS104A 1SS133 HZS4.7N(B) RD4.7ES(B)		C2 ,3 C4 -7 C11 C12 C13 ,14		CC73FSL1H470J CC73FSL1H101J CC73FSL1H100D CE04KW1H2R2M CC73FSL1H101J	
C305,306 C307 C308 C309 C311		CF92FV1H104J CE04KW1A470M CE04KW1H220M CE04KW1E470M CE04KW2A470M		D163 D163 D201 D201 D211		HSS104A 1SS133 HSS104A 1SS133 HZS13N(B2)		C15 C16 C18 ,19 C20 C21		CC73FSL1H331J CC73FSL1H100D CK73FB1E104K CK73FB1H103K CE04KW1A101M	
C312,313		CE04KW1H100M		D211 D212 D212 D213 D213		RD13ES(B2) HZS15N(B) RD15ES(B) HSS104A 1SS133		C22 C23 C24 C25 C26		CE04KW1H010M CK73FB1H102K CK73FB1E104K C90-1826-05 CK73FF1C105Z	
CN1 CN6 CN7 CN10 CN11		E40-4879-05 E40-4293-05 E40-3247-05 E40-4916-05 E40-4296-05		△ D251 D254 D254 △ D301-304 △ D301-304		RBV-1506LFA HSS104A 1SS133 S5688B 1SR139-400		C27 C28 C29 C30 ,31 C32		CE04KW1A101M CK73FB1H103K CK73FB1E104K CE04KW1H100M CK73FB1H103K	
J1 J2 △ J11 △ J11 P1		E70-0095-05 E70-0096-05 E03-0149-05 E03-0310-05 E29-1625-04	EE1 T1	△ D305-308 △ D305-308 △ D309 △ D309 △ D310		HSS104A 1SS133 S5688B 1SR139-400 HZS16N(B2)		C33 C34 C35 ,36 C37 C38 ,39		CK73FB1E104K CE04KW1H100M CK73FB1E104K CE04KW1H100M CK73FB1E104K	
△ F5 △ F7 FAN		F05-6321-05 F05-2525-05 F09-0139-05	EE1	△ D310 △ D310 △ D311 D313,314 D313,314		RD16ES(B2) S5688B 1SR139-400 HZS18N(B) RD18ES(B)		C40 C41 C42 C61 C63 -66		CC73FSL1H102J CK73FB1E104K CE04KW1A470M CK73FB1E104K CK73FB1E104K	
CN21,22 CN21,22		J13-0075-05 J13-0092-05		△ D315 △ D315 △ D316,317 △ D316,317 △ IC31		S5688B 1SR139-400 HSS104A 1SS133 TA78057S		C68 C70 ,71 C73 -75 C76 C78 -80		CK73FB1H822K CK73FB1H102K CC73FSL1H470J CK73FB1H102K CC73FSL1H101J	
CN25,26 CN25,26 E21 E22 ,23		J13-0075-05 J13-0092-05 J11-0808-05 J11-0831-05	EE1 EE1	△ Q1 ,2 △ Q3 ,4 △ Q5 ,6 △ Q7 ,8 △ Q9		TRAIT5N*5 TRAIT5P*5 TRAIT5N*5 TRAIT5P*5 TRAIT5N*5		C81 C82 C83 C84 C85 ,86		CC73FSL1H470J CC73FSL1H102J CE04KW1E470M CK73FB1E104K CC73FSL1H470J	
△ T1		L07-2322-05		△ Q10 △ Q11 ,12 Q13 ,14 Q51 ,52 Q53 ,54		TRAIT5P*5 2SC2631(R,S) 2SA992(F,E) 2SC2631(R,S) 2SA992(F,E)		C88 C89 C90 C91 C92		CE04KW1A101M CK73FB1E104K CC73FSL1H470J CK73FB1E104K CE04KW1A101M	
R1 -4 R5 ,6 R9 ,10 R11 -14 R27 -30		RD14NB2E470J RD14NB2E151J RS14KB3A2R7J RD14NB2E332J RD14NB2E101J		Q101 Q102 Q151-153 Q151-153 Q161,162		2SC2631(R,S) 2SA992(F,E) DTC113ZSA UN4219 2SC1845(F,E)		C93 C94 C95 C96 ,97		CC73FSL1H470J CK73FB1E104K CE04KW1A101M CC73FSL1H101J	
R41 ,42 R51 -54 R55 ,56 R59 ,60 R61 -64		RS14KB3D471J RD14NB2E470J RD14NB2E151J RS14KB3A2R7J RD14NB2E332J		Q163,164 Q201,202 Q201,202 Q203 Q203		2SA992(F,E) 2SC2458(Y,GR) 2SC3311A(Q,R) DTC124ESA UN4212		C98 ,99 C100-102 C103 C104 C106		CC73FSL1H102J CC73FSL1H470J CK73FB1E104K CC73FSL1H470J CK73FB1E104K	
R77 -80 R101,102 R103 R105 R106,107		RD14NB2E101J RD14NB2E470J RD14NB2E151J RS14KB3A2R7J RD14NB2E332J		Q211,212 Q211,212 Q213 Q213		DTC113ZSA UN4219 DTC124ESA UN4212		C107 C108 C109 C110 C116		CK73FB1H223K CK73FB1C224K CK73FB1E104K CE04KW1H010M CK73FB1H102K	
△ R114,115 △ R151,152 △ R153 △ R214,215 R253,254		RD14NB2E101J RD14NB2E271J RS14KB3A121J RD14NB2E102J RD14NB2E3R9J		R305		RD14NB2E332J		C117,118 C119 C121 C125-127 C128		CK73FB1E104K CK73FB1H102K CK73FB1E104K CC73FSL1H101J CC73FSL1H470J	

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C129		CC73FSL1H101J	
C130		CK73FB1E104K	
C131		CC73FSL1H102J	
C133,134		CC73FSL1H101J	
C136		CC73FSL1H220J	
C137		CC73FSL1H470J	
C138		CC73FSL1H101J	
C139,140		CK73FB1E104K	
C142		CE04KW1A101M	
C143,144		CK73FB1E104K	
C145-147		CE04KW1A101M	
C148-151		CK73FB1E104K	
C152,153		CE04KW1A101M	
C154		CK73FB1H103K	
C155,156		CK73FB1E104K	
C157		CE04KW1E221M	
C158		C92-0646-05	
C159		C93-0039-05	
C160		C92-0646-05	
C161		C93-0039-05	
C162		C93-0038-05	
C163		C92-0654-05	
C164		C93-0038-05	
C165		C92-0654-05	
C166,167		CK73FB1E104K	
C168		CE04KW1A470M	
C169-171		CE04KW1H100M	
C172		CC73FSL1H470J	
C173		CC73FSL1H101J	
C174		CK73FB1E104K	
C175		CK73FB1H102K	
C176-179		CK73FB1E104K	
C180		CC73FSL1H471J	
C183		CK73FB1E104K	
C186,187		CC73FSL1H221J	
C188		CC73FSL1H101J	
C189		CK73FB1H103K	
C190,191		CC73FSL1H220J	
C192,193		CE04KW1H477M	
C194,195		CK73FB1E104K	
C199-202		CC73FSL1H220J	
C205,206		CC73FSL1H681J	
C207,208		CC73FSL1H151J	
C209,210		CC73FSL1H182J	
C211		CK73FB1H103K	
C212		CC73FSL1H101J	
C213,214		CE04KW1H220M	
C215,216		CC73FSL1H101J	
C217,218		CE04KW1H220M	
C219,220		CC73FSL1H151J	
C225,226		CK73FB1E104K	
C230		CK73FB1E104K	
C231		CC73FSL1H681J	
C232		CK73FB1H222K	
C233		CC73FSL1H151J	
C234		CK73FB1H103K	
C235		CK73FB1H222K	
C236		CK73FB1H223K	
C237		CK73FB1H103K	
C238		CC73FSL1H101J	
C239,240		CE04KW1H477M	
C241,242		CC73FSL1H101J	
C243,244		CE04KW1H477M	
C245		CK73FB1H122K	
C246		CK73FB1H222K	
C247		CK73FB1E104K	
C249		CK73FB1H102K	
C250		CK73FB1E104K	
C257,258		CC73FSL1H681J	
C259,260		CC73FSL1H151J	
C261,262		CK73FB1H222K	
C263		CK73FB1H103K	
C264		CC73FSL1H101J	
C265,266		CE04KW1H477M	
C267,268		CC73FSL1H101J	
C269,270		CE04KW1H477M	
C271,272		CK73FB1H122K	

Ref. No	New Parts	Parts No.	Destination
C273-276		CC73FSL1H101J	
C277,278		CC73FSL1H470J	
C279,280		CK73FB1H102K	
C281,282		CK73FB1E104K	
C283		CC73FSL1H101J	
C284,285		CC73FSL1H470J	
C286		CE04KW1A101M	
CN11		E40-4607-05	
CN12		E40-4609-05	
CN13		E40-4900-05	
CN14,15		E40-4609-05	
CN17		E40-4295-05	
CN19		E40-4808-05	
J1		E11-0360-05	
J2 ,3		E11-0374-05	
J4		E63-1069-05	
P1		E29-1636-04	
L2 -6		L92-0081-05	
L7 -9		L92-0091-05	
L21 -23		L40-1011-39	
L26 ,27		L92-0091-05	
L28		L33-0578-05	
L29		L33-0577-05	
L30		L33-0578-05	
L31 -37		L92-0091-05	
L39		L92-0091-05	
L40 ,41		L40-1015-34	
L43		L92-0091-05	
X1		L77-2002-05	
X2		L78-0267-05	
X3		L78-0674-05	
X4		L78-0271-05	
R1 -27		RK73FB2A101J	
R33		RK73FB2A103J	
R39 ,40		RK73FB2A331J	
R41 ,42		RK73FB2A101J	
R48		RK73FB2A473J	
R49		RK73FB2A101J	
R50 -53		RK73FB2A104J	
R54 -61		RK73FB2A473J	
R62		RK73FB2A101J	
R63		RK73FB2A104J	
R65		RK73FB2A473J	
R66 -68		RK73FB2A101J	
R69 -73		RK73FB2A473J	
R74		RK73FB2A821J	
R75		RK73FB2A103J	
R76		RK73FB2A104J	
R77		RK73FB2A103J	
R78		RK73FB2A102J	
R79		RK73FB2A103J	
R80 ,81		RK73FB2A102J	
R82 -98		RK73FB2A473J	
R99 ,100		RK73FB2A103J	
R101-106		RK73FB2A473J	
R108-117		RK73FB2A101J	
R118,119		RK73FB2A473J	
R121		RK73FB2A393J	
R123		RK73FB2A563J	
R124-134		RK73FB2A473J	
R135		RK73FB2A393J	
R137		RK73FB2A393J	
R139-141		RK73FB2A473J	
R142		RK73FB2A103J	
R143-155		RK73FB2A473J	
R156,157		RK73FB2A101J	
R158-165		RK73FB2A473J	
R166-169		RK73FB2A101J	
R170-177		RK73FB2A473J	
R178		RK73FB2A101J	
R179-186		RK73FB2A473J	
R187		RK73FB2A563J	
R188,189		RK73FB2A473J	
R190		RK73FB2A101J	
R191-193		RK73FB2A473J	

Ref. No	New Parts	Parts No.	Destination
R195		RK73FB2A473J	
R196-203		RK73FB2A101J	
R204		RK73FB2A393J	
R206-216		RK73FB2A473J	
R217-221		RK73FB2A101J	
R226,227		RK73FB2A473J	
R228-232		RK73FB2A101J	
R233		RK73FB2A473J	
R234-236		RK73FB2A101J	
R238		RK73FB2A103J	
R239-243		RK73FB2A473J	
R244		RD14NB2E150J	
R245,246		RK73FB2A102J	
R300		RK73FB2A101J	
R301		RK73FB2A473J	
R302		RK73FB2A101J	
R303		RK73FB2A103J	
R304		RK73FB2A471J	
R305,306		RK73FB2A473J	
R307-309		RK73FB2A561J	
R310		RK73FB2A101J	
R311		RK73FB2A102J	
R312-314		RK73FB2A561J	
R315		RK73FB2A271J	
R316		RK73FB2A561J	
R317		RK73FB2A473J	
R318		RK73FB2A102J	
R319-321		RK73FB2A101J	
R322,323		RK73FB2A750J	
R324		RK73FB2A473J	
R325		RK73FB2A472J	
R326,327		RK73FB2A101J	
R328		RK73FB2A473J	
R329		RK73FB2A472J	
R330		RK73FB2A302J	
R333		RK73FB2A561J	
R334		RK73FB2A271J	
R335-343		RK73FB2A473J	
R345-347		RK73FB2A473J	
R348-355		RK73FB2A103J	
R356		RK73FB2A101J	
R357		RK73FB2A271J	
R358		RK73FB2A561J	
R359		RK73FB2A391J	
R360		RK73FB2A101J	
R361		RK73FB2A561J	
R362		RK73FB2A103J	
R363,364		RK73FB2A561J	
R365,366		RK73FB2A470J	
R367		RK73FB2A103J	
R368		RK73FB2A391J	
R369		RK73FB2A561J	
R370		RK73FB2A393J	
R371		RD14NB2E2R7J	
R372		RD14NB2E5R6J	
R373,374		RK73FB2A393J	
R375		RD14NB2E100J	
R376,377		RK73FB2A102J	
R378		RK73FB2A222J	
R379		RK73FB2A103J	
R380,381		RK73FB2A102J	
R382		RK73FB2A103J	
R383		RK73FB2A102J	
R384		RK73FB2A103J	
R385		RK73FB2A392J	
R386		RK73FB2A122J	
R387		RK73FB2A683J	
R388		RK73FB2A101J	
R389-391		RK73FB2A473J	
R392		RK73FB2A561J	
R393-396		RK73FB2A473J	
R398		RK73FB2A473J	
R399		RK73FB2A223J	
R400,401		RK73FB2A331J	
R402,403		RK73FB2A471J	
R404,405		RK73FB2A473J	
R406-409		RK73FB2A103J	

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R410-417 R420-425 R426,427		RK73FB2A473J RK73FB2A682J RK73FB2A104J	
R428,429 R430,431 R432,433 R438,439 R440,441		RK73FB2A242J RK73FB2A392J RK73FB2A102J RK73FB2A561J RK73FB2A183J	
R442-449 R450 R452 R453 R454		RK73FB2A473J RK73FB2A223J RK73FB2A472J RK73FB2A622J RK73FB2A472J	
R455-457 R458,459 R460,461 R462,463 R464,465		RK73FB2A103J RK73FB2A104J RK73FB2A242J RK73FB2A131J RK73FB2A102J	
R466,467 R468 R469 R470,471 R472		RK73FB2A104J RK73FB2A222J RK73FB2A362J RK73FB2A561J RK73FB2A912J	
R473 R474,475 R476-479 R480,481 R482,483		RK73FB2A682J RK73FB2A622J RK73FB2A103J RK73FB2A104J RK73FB2A242J	
R484,485 R486,487 R488,489 R490,491 R492,493		RK73FB2A131J RK73FB2A102J RK73FB2A104J RK73FB2A362J RK73FB2A561J	
R494,495 R500-503 R504-507 R508 R509		RK73FB2A682J RK73FB2A101J RK73FB2A473J RK73FB2A101J RK73FB2A473J	
R510 R511 R521-544 R545 R546,547		RK73FB2A102J RK73FB2A101J RK73FB2A103J RK73FB2A101J RK73FB2A103J	
R551,552 R553 R554-556 R558,559 R560		RK73FB2A102J RK73FB2A222J RK73FB2A102J RK73FB2A103J RK73FB2A102J	
R561,562 R563,564 R565,566 R567 R568		RK73FB2A391J RK73FB2A102J RK73FB2A101J RK73FB2A102J RK73FB2A103J	
R572 R573 W1		RK73FB2A1R0J RK73FB2A1R5J R92-0670-05	
S1 ,2		S62-0034-05	
D1 ,2 D7 ,8 D9 D10 D11 ,12		DA204U MA111 DAN202U DAP202U U1BC44	
D13 D14 D15 ,16 D17 D18		MA111 DA204U DAP202U DA204U DAN202U	
D31 ,32 D33 D34 ,35 IC1 IC2		DA204U D2FS4 UDZ18B TDA7479D S-806D-Z	
IC3 IC4 IC5 IC6		UPD78078GF-086 UPD17215GT-737 UPD78056GC-A23 TA7805S	

Ref. No	New Parts	Parts No.	Desti-nation
IC21 IC22 IC23 IC24 IC25		LH64256CK-70 DSPB56007FJ88 TC7W04FU TC74VHCT74AFT CS4226KQG	
IC26 IC27 IC28 IC29 IC30		TC74VHC153FT TC74VHCU04FT KAG09 MX27L2000MC-20 CS492501-CLB	
IC31 IC32 Δ IC33-35 IC36 Δ IC37		TC74VHC125FT TC74VHC74FT LM2940CT-5.0 TL431CPS LM2574M-3.3	
IC38 IC48-55 Q8 ,9 Q10 Q11		TL431CPS NJM4565M UN5212 2SC4081(R,S) UN5119	
Δ Q31 Q32 Q33 Q34 Q45 -50		2SB1424(Q,R) 2SA1576A(R,S) 2SC4081(R,S) UN5119 2SC4213(B)	
Q51 ,52		2SC4081(R,S)	
A1 ,2 A3 A4		W02-1181-05 W02-1114-15 W02-2671-05	
D21 -24		B30-2532-05	
CONTROL (X11-3822-71)			
C1 -10 C11 ,12 C13 C14 C15		CC73FSL1H221J CC73FSL1H101J CK73FB1H103K CC73FSL1H151J CK73FB1H103K	
C16 C17 C18 C21 ,22 C23 ,24		CC73FSL1H151J CK73FB1H103K CC73FSL1H151J CE04KW1H4R7M CC73FSL1H470J	
C25 ,26 C27 ,28 C29 ,30 C31 -36 C37 -40		CE04KW1E470M CC73FSL1H101J CE04KW1A101M CC73FSL1H221J CE04KW1A101M	
C41 -52 C53 C54 C55 C86		CC73FSL1H221J CC73FSL1H101J CK73FB1H103K CC73FSL1H151J CK73FB1C104K	
C91 ,92 C103,104 C105,106 C107 C108		CK73FB1H103K CE04KW1H2R2M CK73FB1E104K CC73FSL1H151J CK45FF1H103Z	
C109,110 C111,112 C115,116 C117,118		CC73FCH1H220J CE04KW2A4R7M CK73FB1H561K CE04KW1H100M	
C119 C121,122 C123-126 C127,128 C131,132		CC73FSL1H101J CC73FSL1H221J CC73FSL1H101J CK73FB1E104K CE04KW1H2R2M	
C133,134 C135,136 C137,138 C139,140 C141,142		CC73FSL1H820J CE04KW1V470M CE04KW1H2R2M CC73FSL1H820J CE04KW1V470M	
C143,144 C145,146 C147,148 C153,154 C155		CE04KW1H2R2M CC73FSL1H820J CE04KW1V470M CE04KW1H2R2M CC73FSL1H151J	

Ref. No	New Parts	Parts No.	Desti-nation
C156 C157,158 C159,160 C163 C165,166		CK45FF1H103Z CC73FCH1H220J CE04KW1H4R7M CC73FSL1H101J CC73FSL1H221J	
C167-170 C171,172 C203,204 C205 C206		CC73FSL1H101J CE04KW1H100M CE04KW1H2R2M CC73FSL1H151J CK45FF1H103Z	
C207,208 C209,210 C211,212 C213 C215		CC73FCH1H220J CE04KW1H4R7M CE04KW1H100M CC73FSL1H101J CC73FSL1H221J	
C216 C217-220 C221-224 C225-230 C231,232		CK73FB1E563K CC73FSL1H101J CE04KW1H2R2M CC73FSL1H221J CC73FSL1H101J	
C233,234 C235,236 C237 C238,239 C240		CC73FSL1H221J CC73FSL1H101J CK73FB1H103K CC73FSL1H151J CC73FSL1H101J	
C241 C242 C285,286 C301,302 C303,304		CK73FB1H103K CC73FSL1H151J C90-3239-05 CK73FB1E683KTA CK73FB1H153K	
C305,306 C307,308 C309,310 C314 C315,316		CK73FB1H562K CK73FB1H183K CK73FB1H821K CK45FF1H103Z CC73FCH1H270J	
C317,318 C319,320 C321,322 C325 C326		CE04KW1H010M CK73FB1H561K CE04KW1H010M CK73FB1H103K CC73FSL1H151J	
C339,340 C341,342 C345 C347 C348		CC73FSL1H101J CE04KW1H100M CE04KW1H100M CE04KW1H100M CE04KW1H3R3M	
C349 C350 C353 C354 C355,356		CE04KW1H100M CE04KW1H0R1M CK45FF1H103Z CC73FSL1H151J CE04KW1H100M	
C359,360 C361 C362 C363,364 C367,368		CE04KW1H100M CK45FF1H103Z CC73FSL1H151J CE04KW1H100M CE04KW1H100M	
C371 C372 C373,374 C377 C378		CK45FF1H103Z CC73FSL1H151J CE04KW1H100M CE04KW1H100M CE04KW1C101M	
C379,380 C383,384 C385,386 C389,390 C391,392		CC73FSL1H220J CC73FSL1H101J CC73FSL1H220J CC73FSL1H101J CC73FSL1H220J	
C395 C401,402 C501-506 C509,510 C511-514		CC73FSL1H101J CC45FSL1H221JN CK73FB1C104K CK73FB1E333KTA CK73FB1C104K	
C515,516 C521,522 C523,524 C531,532 C533,534		CK73FB1E333KTA CK73FB1H103K CC73FSL1H151J CE04KW1C470M CC73FSL1H101J	
C541 C542		CK73FB1H103K CC73FSL1H151J	

L : Scandinavia K : USA P : Canada R : Mexico C : China
Y : PX(Far East, Hawaii) T : England E : Europe G : Germany V : China (Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas

I : Malaysia

Δ indicates safety critical components.

KRF-X9992D/X9992DE

PARTS LIST

(Refer to page 4)

* New Parts

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.

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Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation
C601		CK73FB1H223K		L609		L40-1001-17		R227,228		RK73FB2A101J	
C602,603		CK73FB1H103K		L610,611		L40-2291-17		R229,230		RK73FB2A105J	
C605,606		CK73FB1H103K		X601		L77-2159-05		R231,232		RK73FB2A102J	
C607		CE04KW1C470M		R1,2		RK73FB2A221J		R233,234		RK73FB2A224J	
C610		CE04KW1C470M		R3,4		RK73FB2A224J		R235,236		RK73FB2A104J	
C611,612		CK73FB1H473K		R5,6		RK73FB2A102J		R237,238		RK73FB2A101J	
C614		CE04KW1C100M		R7,8		RK73FB2A224J		R239		RK73FB2A392J	
C615		CE04KW1H010M		R9,10		RK73FB2A221J		R240		RK73FB2A182J	
C616		C90-3251-05		R11,12		RK73FB2A224J		R241,242		RK73FB2A102J	
C617		C90-3253-05		R13,14		RK73FB2A102J		R243,244		RK73FB2A224J	
C618		CC73FCH1H470J		R15,16		RK73FB2A224J		R245,246		RK73FB2A104J	
C619		C90-3219-05		R18		RK73FB2A102J		R247,248		RK73FB2A101J	
C620		CK73FB1H473K		R19,20		RK73FB2A224J		R249		RK73FB2A474J	
C621		C90-3241-05		R21		RK73FB2A474J		R293,294		RK73FB2A391J	
C622		CK73FB1H473K		R24-26		RK73FB2A474J		R295		RK73FB2A103J	
C623		CE04KW1C100M		R27,28		RK73FB2A101J		R301,302		RK73FB2A684J	
C624		CC73FCH1H221J		R29-36		RK73FB2A224J		R303,304		RK73FB2A163J	
C625		CC73FCH1H181J		R41,42		RK73FB2A102J		R305,306		RK73FB2A392J	
C626		CK73FB1H223K		R43,44		RK73FB2A224J		R307,308		RK73FB2A821J	
C627		CE04HW1E100M		R45,46		RK73FB2A102J		R309,310		RK73FB2A223J	
C628,629		C90-3240-05		R47,48		RK73FB2A224J		R311,312		RK73FB2A102J	
C630,631		CK73FB1H223K		R49,50		RK73FB2A221J		R313,314		RK73FB2A394J	
C632		CE04KW1C100M		R51,52		RK73FB2A224J		R315,316		RK73FB2A392J	
C636		CK73FB1H103K		R53,54		RK73FB2A102J		R317,318		RK73FB2A184J	
C637,638		C90-3217-05		R55,56		RK73FB2A224J		R319,320		RK73FB2A433J	
C640		CC73FCH1H020C		R57,58		RK73FB2A221J		R321,322		RK73FB2A124J	
C641		CC73FCH1H470J		R59,60		RK73FB2A224J		R323,324		RK73FB2A222J	
C642		CC73FCH1H270J		R61,62		RK73FB2A102J		R325,326		RK73FB2A822J	
C643		CC73FCH1H220J		R63,64		RK73FB2A224J		R327-331		RK73FB2A271J	
C644		CC73FSL1H471J		R69-71		RK73FB2A474J		R332		RK73FB2A151J	
C645		CC73FCH1H220J		R73-78		RK73FB2A104J		R333-338		RK73FB2A102J	
C646		CE04KW1C100M		R89,90		RK73FB2A221J		R339-341		RK73FB2A242J	
C647		CK73FB1H102K		R101,102		RK73FB2A124J		R342		RK73FB2A103J	
C648		CE04KW1C470M		R103,104		RK73FB2A272J		R343-348		RK73FB2A474J	
C649		CE04KW1H4R7M		R105,106		RK73FB2A133J		R349		RK73FB2A242J	
C650		CC73FSL1H101J		R107,108		RK73FB2A224J		R350		RK73FB2A683J	
C651		CC73FCH1H471J		R109,110		RK73FB2A222J		R353		RK73FB2A122J	
C652		CC73FSL1H101J		R111,112		RK73FB2A241J		R354		RK73FB2A683J	
C670,671		CK73FB1H822K		R113,114		RK73FB2A472J		R355		RK73FB2A112J	
C672		CE04KW1H010M		R115,116		RK73FB2A222J		R356		RK73FB2A103J	
C673		CE04KW1C470M		R117,118		RK73FB2A102J		R359		RK73FB2A103J	
C675		CC73FCH1H040C		R121,122		RK73FB2A224J		R361,362		RK73FB2A104J	
C676		CC73FCH1H470J		R123,124		RK73FB2A104J		R365,366		RK73FB2A101J	
C678		CK73FB1H223K		R125-127		RK73FB2A474J		R367,368		RK73FB2A221J	
C681		CK73FF1C105Z		R128,129		RK73FB2A822J		R369,370		RK73FB2A102J	
C682		CK73FB1H103K		R131,132		RK73FB2A101J		R371,372		RK73FB2A104J	
C684,685		CK73FB1H223K		R133,134		RK73FB2A105J		R375,376		RK73FB2A101J	
C686		CK73FB1H471K		R135-139		RK73FB2A222J		R377,378		RK73FB2A221J	
C688		CC45FSL1H151JN		R151,152		RK73FB2A124J		R379,380		RK73FB2A102J	
C690		CK73FB1H102K		R153,154		RK73FB2A272J		R381,382		RK73FB2A104J	
C691,692		CC73FSL1H220J		R155,156		RK73FB2A133J		R385,386		RK73FB2A101J	
CN1		E40-9831-05		R157,158		RK73FB2A224J		R387		RK73FB2A221J	
CN2		E40-9836-05		R159,160		RK73FB2A222J		R388		RK73FB2A151J	
CN3		E40-9825-05		R161,162		RK73FB2A241J		R389,390		RK73FB2A102J	
CN4		E40-9834-05		R163,164		RK73FB2A472J		R401,402		RK73FB2A101J	
CN5		E40-4609-05		R165,166		RK73FB2A222J		R405,406		RK73FB2A101J	
CN7		E40-9825-05		R167,168		RK73FB2A102J		R409		RK73FB2A101J	
CN10		E40-9820-05		R171,172		RK73FB2A104J		R410		RK73FB2A103J	
CN11		E40-4609-05		R173-175		RK73FB2A474J		R412		RK73FB2A103J	
CN12		E40-4871-05		R177,178		RK73FB2A101J		R501,502		RK73FB2A333J	
J1		E63-1055-05		R179,180		RK73FB2A105J		R503,504		RK73FB2A183J	
J2		E63-1054-05		R181-192		RK73FB2A124J		R505,506		RK73FB2A333J	
J3,4		E63-1055-05		R196-199		RK73FB2A102J		R507,508		RK73FB2A103J	
J6		E63-1056-05		R201,202		RK73FB2A124J		R509,510		RK73FB2A752J	
J7		E63-1070-05		R203		RK73FB2A272J		R511,512		RK73FB2A103J	
J21		E11-0271-05		R204		RK73FB2A222J		R531,532		RK73FB2A104J	
J601		E70-0052-05		R205		RK73FB2A133J		R533-536		RK73FB2A392J	
E23,24		J11-0808-05		R206		RK73FB2A183J		R537,538		RK73FB2A101J	
CF601,602		L72-0536-05		R207,208		RK73FB2A224J		R541,542		RK73FB2A100J	
L601		L39-1366-05		R209,210		RK73FB2A222J		R555,556		RK73FB2A100J	
L602		L40-1091-17		R211,212		RK73FB2A241J		R601		RK73FB2A101J	
L603		L30-0911-05		R213,214		RK73FB2A472J		R603		RK73FB2A332J	
L604		L30-0950-05		R215,216		RK73FB2A222J		R604		RK73FB2A681J	
L605		L30-0951-05		R217,218		RK73FB2A102J		R605		RK73FB2A332J	
L606,607		L79-1239-05		R221,222		RK73FB2A104J		R606		RK73FB2A221J	
				R223-225		RK73FB2A474J		R607		RK73FB2A821J	
								R608		RK73FB2A100J	

L : Scandinavia
Y : PX(Far East, Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China (Shanghai)
M : Other Areas

I : Malaysia

▲ indicates safety critical components.

KRF-X9992D/X9992DE

PARTS LIST

(Refer to page 4)

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Ref. No	New Parts	Parts No.	Desti-nation
R609		RK73FB2A331J	
R610		RK73FB2A681J	
R611		RK73FB2A220J	
R612		RK73FB2A101J	
R614		RK73FB2A101J	
R615		RK73FB2A333J	
R616		RK73FB2A220J	
R617		RK73FB2A392J	
R618		RK73FB2A302J	
R619		RK73FB2A822J	
R620		RK73FB2A332J	
R623		RK73FB2A153J	
R625		RK73FB2A183J	
R627, 628		RK73FB2A682J	
R635, 636		RK73FB2A101J	
R638		RK73FB2A102J	
R639		RK73FB2A103J	
R642		RK73FB2A103J	
R643		RK73FB2A221J	
R644		RD14NB2E271J	
R645-647		RK73FB2A332J	
R648		RK73FB2A102J	
R649		RK73FB2A103J	
R650		RD14NB2E471J	
R651		RK73FB2A562J	
R652		RK73FB2A101J	
R653, 654		RK73FB2A102J	
R655		RK73FB2A103J	
R656, 657		RK73FB2A102J	
R658		RK73FB2A123J	
R659		RK73FB2A122J	
R672, 673		RK73FB2A392J	
R674		RK73FB2A473J	
R675		RK73FB2A822J	
R676		RK73FB2A182J	
R678		RK73FB2A821J	
R680		RK73FB2A104J	
R681		RS14KB3A151J	
R682		RK73FB2A272J	
R683		RK73FB2A102J	
R685-687		RK73FB2A105J	
R688		RK73FB2A563J	
R690		RK73FB2A681J	
R691, 692		RK73FB2A332J	
R693		RK73FB2A100J	
VR601		R32-0037-05	
W303-310		R92-0670-05	
W313, 314		R92-0670-05	
W318, 319		R92-0670-05	
W321		R92-0670-05	
W323		R92-0670-05	
W325-329		R92-0670-05	
W331		R92-0670-05	
W651, 652		R92-0670-05	
W654, 655		R92-0670-05	
W659, 660		R92-0670-05	
W680		R92-0679-05	
W684		R92-0670-05	
W685		R92-0679-05	
W688		R92-0679-05	
S1		T99-0606-05	
D2		DA204U	
D2		1SS302	
D6		DA204U	
D6		1SS302	
D13		MA111	
D14		HZS11N(B)	
D14		RD11ES(B)	
D35		HZS5.1N(B2)	
D35		RD5.1ES(B2)	
D601		DA204K	
D603		HZS8.2N(B2)	
D603		RD8.2ES(B2)	
D604		HZS5.1N(B2)	
D604		RD5.1ES(B2)	
D605		HZS2.7N(B2)	

Ref. No	New Parts	Parts No.	Desti-nation
D605		RD2.7ES(B2)	
D609		HZS3.3N(B2)	
D609		RD3.3ES(B2)	
D611		MA111	
D612		HSS104	
D612		1SS133	
D613		MA111	
D615		U1BC44	
IC1, 2		TC9164AF	
IC3		NJM4565D	
IC4		TC9163AF	
IC18		TC9164AF	
IC19, 20		NJM4565D	
IC21		TC9412AP	
IC22		NJM4565D	
IC23		TC9413P	
IC24		NJM4565D	
IC25		TC9413P	
IC26		NJM4565D	
IC29-31		NJM4565D	
IC42		TC9163AF	
IC43		NJM4565D	
IC44		TC9184AP	
IC47-49		NJM4565L	
IC51-53		NJM4565D	
IC601		LA1837	
IC602		LC72131	
Q1 -12		2SC4213(B)	
Q15		DTA113ZUA	
Q15		UN5119	
Q16		2SC4081(R,S)	
Q16		2SC4116(Y,GR)	
Q19		DTA113ZUA	
Q19		UN5119	
Q20		2SC4081(R,S)	
Q20		2SC4116(Y,GR)	
Q21		2SA1576A(R,S)	
Q21		2SA1586(Y,GR)	
Q22		2SC4081(R,S)	
Q22		2SC4116(Y,GR)	
Q23		DTA113ZUA	
Q23		UN5119	
Q24		2SC4081(R,S)	
Q24		2SC4116(Y,GR)	
Q31 -36		2SC4213(B)	
Q41, 42		2SC3940A(R,S)	
Q43 -48		2SC4213(B)	
Q601		2SC4081(R,S)	
Q601		2SC4116(Y,GR)	
Q602		2SA1576A(R,S)	
Q602		2SA1586(Y,GR)	
Q606, 607		2SC4081(R,S)	
Q606, 607		2SC4116(Y,GR)	
Q610, 611		2SD1757K	
Q612		2SA1576A(R,S)	
Q612		2SA1586(Y,GR)	
Q614		2SA1576A(R,S)	
Q614		2SA1586(Y,GR)	
A601		W02-2584-05	
ELECTRIC (X25-6202-71)			
D63 -66		B30-2493-05	
D67, 68		B30-2430-05	
D69		B30-1010-05	
D70		B30-2493-05	
D73		B30-2493-05	
C1, 2		CC73FSL1H101J	
C3, 4		CE04KW1H100M	
C5, 6		CQ93FMG1H332J	
C7, 8		CQ93FMG1H123J	
C9, 10		CE04KW1A101M	
C11		CK73FB1H103K	
C12 -14		CC73FSL1H102J	
C15, 16		CC73FSL1H221J	
C17, 18		CE04KW1H100M	
C19, 20		CE04KW1E470M	

Ref. No	New Parts	Parts No.	Desti-nation
C21, 22		CC73FSL1H181J	
C23, 24		CC73FSL1H221J	
C101-104		CC73FSL1H101J	
C105, 106		CC73FSL1H470J	
C107, 108		CC73FSL1H101J	
C109, 110		CC73FSL1H470J	
C111-114		CC73FSL1H101J	
C115		CK45FF1H223Z	
C116		CE04KW1HR22M	
C117		CK73FB1H223K	
C118		CE04KW1C331M	
C119		CK45FF1H223Z	
C120		CE04KW1HR22M	
C121		CK73FB1H223K	
C122		CE04KW1C331M	
C123		CK45FF1H223Z	
C124		CE04KW1HR22M	
C125		CK45FF1H223Z	
C126, 127		CE04KW1HR22M	
C128, 129		CK73FB1H223K	
C130		CC73FSL1H101J	
C131-134		CC73FSL1H220J	
C137, 138		CC73FSL1H220J	
C139		CK73FB1H103K	
C140, 141		CE04KW1H100M	
C142		CK73FB1H103K	
C143		CE04KW1C331M	
C144		CE04KW1HR22M	
C146		CK73FB1H103K	
C149, 150		CC73FSL1H101J	
C151-154		CK73FB1E104K	
C201, 202		CC73FSL1H331J	
C205		CK73FB1H103K	
C206		CC73FSL1H102J	
C209, 210		CE04KW1E470M	
C211, 212		CC73FSL1H470J	
C213, 214		CE04KW1HR22M	
C227		CC73FSL1H101J	
C301, 302		CE04KW1H4R7M	
C303, 304		CC73FSL1H271J	
C305-308		CC73FSL1H101J	
C309, 310		CE04KW1A221M	
C311, 312		CK73FB1H222K	
C313-316		CC45FSL2H560J	
C317, 318		CE04KW1H470M	
C319, 320		CC73FSL1H270J	
C321, 322		CK73FB1H103K	
C325, 326		CC73FSL1H151J	
C351, 352		CE04KW1H4R7M	
C353, 354		CC73FSL1H271J	
C355-358		CC73FSL1H101J	
C359, 360		CE04KW1A221M	
C361, 362		CK73FB1H222K	
C363-366		CC45FSL2H560J	
C367, 368		CE04KW1H470M	
C369, 370		CC73FSL1H270J	
C371		CK73FB1H153K	
C372		CK73FB1H103K	
C375, 376		CC73FSL1H151J	
C401		CE04KW1H4R7M	
C402		CC73FSL1H271J	
C403, 404		CC73FSL1H101J	
C405		CE04KW1A221M	
C406		CK73FB1H222K	
C407, 408		CC45FSL2H560J	
C409		CE04KW1H470M	
C410		CC73FSL1H270J	
C411		CK73FB1H153K	
C412		CK73FB1H103K	
C413		CC73FSL1H151J	
C451, 452		CE04KW2A4R7M	
C453, 454		CE04KW1E470M	
C456, 457		CE04KW2A470M	
C458		CE04KW1E470M	
C460		CE04KW1E220M	
C461		CC73FSL1H102J	
C462, 463		CE04KW0J471M	

L : Scandinavia

K : USA

P : Canada

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⚠ indicates safety critical components.

KRF-X9992D/X9992DE

PARTS LIST

(Refer to page 4)

* New Parts

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.

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Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation
C501		CC73FSL1H101J		J6		E56-0020-05		R329,330		RK73FB2A621J	
C502		CE04HW1E100M		J8		E63-1040-05		R351,352		RK73FB2A102J	
C503		CE04KW1H100M		J9		E63-1039-05		R353,354		RK73FB2A104J	
C504		CK73FB1H103K		Δ F1		F05-1222-05		R355,356		RK73FB2A163J	
C505		CE04KW1H2R2M		Δ F2 ,3		F05-1623-05		R357-360		RK73FB2A751J	
C506		CC73FSL1H050C		Δ F4		F05-1222-05		R361,362		RK73FB2A202J	
C507		CE04KW1H2R2M						R363,364		RK73FB2A222J	
C508,509		CC73FSL1H220J		CN81-88		J13-0075-05		R365-368		RK73FB2A103J	
C510		CK73FB1H103K		E1		J19-5789-14					
C511,512		CE04KW1C331M		L1 ,2		L92-0079-05		R369-372		RD14NB2E271J	
C514-519		CC73FSL1H101J		X1		L78-0284-05		R373,374		RD14NB2E181J	
C520,521		CE04KW1H2R2M						R377,378		RK73FB2A102J	
C522,523		CE04KW1H100M		R1 ,2		RK73FB2A102J		R379,380		RK73FB2A621J	
C524,525		CK73FB1H103K		R3 ,4		RK73FB2A101J		R401		RK73FB2A102J	
C526		CK73FB1E104K		R5 ,6		RK73FB2A623J		R402		RK73FB2A104J	
C528-530		CK73FB1E104K		R7 ,8		RK73FB2A361J		R403		RK73FB2A163J	
C550-554		CC73FSL1H820J		R9 ,10		RK73FB2A102J		R404,405		RK73FB2A751J	
C601,602		CC73FSL1H101J		R15 ,16		RK73FB2A473J		R406		RK73FB2A202J	
C603		C90-3244-05		R17 ,18		RD14NB2E100J		R407		RK73FB2A222J	
C604		CK73FF1C105Z		R19 ,20		RK73FB2A224J		R408,409		RK73FB2A103J	
C605		CK73FB1H103K		R101-103		RK73FB2A750J		R410,411		RD14NB2E271J	
C606-608		CC73FSL1H101J		R104		RK73FB2A1R0J		R412		RD14NB2E181J	
C609-615		CK73FB1H103K		R105		RK73FB2A750J		R414		RK73FB2A102J	
C616		C90-3241-05		R107-109		RK73FB2A750J		R415		RK73FB2A621J	
C617-632		CC73FSL1H221J		R110		RK73FB2A1R0J		R457-461		RK73FB2A472J	
C633		CK73FB1H103K		R111		RK73FB2A750J		R463-466		RK73FB2A104J	
C634		C90-3255-05		R112		RK73FB2A1R0J		R467		RK73FB2A222J	
C701-703		CC73FSL1H101J		R113-115		RK73FB2A750J		R468		RK73FB2A242J	
C705		CK73FB1E104K		R116		RK73FB2A1R0J		R469,470		RK73FB2A104J	
C706,707		CC73FSL1H101J		R117		RK73FB2A750J		R471,472		RD14NB2E332J	
C708		CK73FB1E104K		R118		RK73FB2A1R0J		R473		RD14NB2E391J	
C801,802		CK73FB1H103K		R119		RK73FB2A750J		R474		RK73FB2A472J	
C803,804		CE04KW1V102M		R120		RK73FB2A1R0J		R475		RK73FB2A101J	
C805		CC73FSL1H331J		R121		RK73FB2A750J		R476		RK73FB2A472J	
C806		CC73FSL1H102J		R122		RK73FB2A1R0J		R477		RD14NB2E391J	
C807,808		CK73FB1H103K		R123,124		RK73FB2A184J		R478		RK73FB2A101J	
C809,810		CE04KW1E470M		R125		RK73FB2A101J		R479		RK73FB2A103J	
C811		CE04KW1V100M		R126		RK73FB2A203J		R480		RD14NB2E220J	
C812,813		CK73FB1H103K		R128		RK73FB2A203J		R481		RK73FB2A103J	
C814,815		CK73FB1H473K		R129		RK73FB2A184J		R482		RD14NB2E472J	
C816-818		CE04KW1H100M		R131,132		RK73FB2A103J		R483-487		RK73FB2A104J	
C819,820		CK73FB1H103K		R133		RK73FB2A184J		R488		RK73FB2A183J	
C821		CE04KW1C472M		R135,136		RK73FB2A221J		R489		RK73FB2A473J	
C822		CK73FB1H103K		R138-142		RK73FB2A103J		R490		RK73FB2A183J	
C823		CE04KW1V102M		R145		RK73FB2A103J		R491		RK73FB2A273J	
C824		CK73FB1H103K		R146,147		RK73FB2A221J		R496,497		RK73FB2A472J	
C825		CE04KW1V331M		R148		RK73FB2A101J		R498		RD14NB2E472J	
C826		CK73FB1H103K		R149		RK73FB2A103J		R501		RK73FB2A103J	
C827		CE04KW1C470M		R150,151		RK73FB2A221J		R502		RK73FB2A750J	
C828		CE04KW1C101M		R153		RK73FB2A103J		R503		RK73FB2A102J	
C829		CK73FB1H103K		R154		RK73FB2A221J		R504		RK73FB2A101J	
C831		CE04KW1C101M		R155		RK73FB2A361J		R509		RK73FB2A750J	
C901		CK73FB1H103K		R156		RK73FB2A101J		R510		RK73FB2A103J	
C903		CC73FSL1H102J		R157		RK73FB2A103J		R511		RK73FB2A223J	
C904		CK73FB1H103K		R158		RK73FB2A221J		R513		RK73FB2A103J	
C905		CE04KW1E470M		R159		RK73FB2A361J		R514,515		RK73FB2A221J	
C906		CK73FB1H182K		R172		RK73FB2A750J		R516		RK73FB2A361J	
C907		CK73FF1C105Z		R181		RK73FB2A561J		R517		RK73FB2A103J	
C908		CK73FB1E104K		R182		RK73FB2A103J		R518,519		RK73FB2A221J	
C909		CE04KW1E220M		R183		RK73FB2A361J		R520-522		RK73FB2A102J	
CN11		E40-9829-05		R184		RK73FB2A221J		R523		RK73FB2A750J	
CN21		E40-9848-05		R192		RK73FB2A561J		R524		RK73FB2A104J	
CN22		E40-9853-05		R201,202		RK73FB2A474J		R525		RK73FB2A750J	
CN23		E40-9842-05		R205,206		RK73FB2A474J		R526		RK73FB2A104J	
CN24		E40-9851-05		R211-214		RK73FB2A332J		R527		RK73FB2A750J	
CN25		E40-9846-05		R215,216		RK73FB2A512J		R528		RK73FB2A104J	
CN26		E40-9837-05		R225,226		RK73FB2A102J		R529		RK73FB2A750J	
CN27		E40-9820-05		R301,302		RK73FB2A102J		R601		RK73FB2A103J	
CN28		E40-9837-05		R303,304		RK73FB2A104J		R602,603		RK73FB2A102J	
CN29		E40-9842-05		R305,306		RK73FB2A163J		R604		RD14NB2E330J	
CN32		E40-4298-05		R307-310		RK73FB2A751J		R606,607		RK73FB2A100J	
CN33		E40-4938-05		R311,312		RK73FB2A202J		R610-614		RK73FB2A471J	
CN51		E40-4916-05		R313,314		RK73FB2A222J		R615		RK73FB2A361J	
J1		E63-1071-05		R315-318		RK73FB2A103J		R617		RK73FB2A471J	
J2		E63-1030-05		R319-322		RD14NB2E271J		R618		RK73FB2A221J	
J3		E56-0012-05		R323,324		RD14NB2E181J		R619		RK73FB2A104J	
J4 ,5		E56-0019-05		R327,328		RK73FB2A102J		R620-623		RK73FB2A221J	
								R627-631		RK73FB2A103J	

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East, Hawaii)

T : England

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G : Germany

V : China (Shanghai)

Y : AAFES(Europe)

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H : Korea

M : Other Areas

Δ indicates safety critical components.

KRF-X9992D/X9992DE

PARTS LIST

(Refer to page 4)

* New Parts
Parts without **Parts No.** are not supplied.
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Teile ohne **Parts No.** werden nicht geliefert.

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Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation	Ref. No	New Parts	Parts No.	Desti-nation
R632-666		RK73FB2A104J		D49		HZS18N(B)		Q81		2SC2458(Y,GR)	
R701,702		RK73FB2A221J		D49		RD18ES(B)		Q81		2SC3311A(Q,R)	
R705		RK73FB2A152J		D50 -54		MA111		Q82		2SA1048(Y,GR)	
R706,707		RK73FB2A224J		D55 ,56		DA204K		Q82		2SA1309A(Q,R)	
R708-710		RK73FB2A750J		D58 -60		MA111		Q83		2SB1370(E,F)	
R711		RK73FB2A184J		D61		HZS3.3N(B)		△ Q83		2SB1375	
R801,802		RD14NB2E332J		D61		RD3.3ES(B)		△ Q84		2SD2012	
R803,804		RD14NB2E101J		D62		HZS2.7N(B)		△ Q84		2SD2061(E,F)	
△ R805		RD14NB2E1R8J		D62		RD2.7ES(B)		△ Q85		2SB1370(E,F)	
△ R806		RD14NB2E2R7J		D71		HZS2.7N(B)		△ Q85		2SB1375	
R808		RK73FB2A102J		D71		RD2.7ES(B)		△ Q86		2SD2012	
R809		RK73FB2A512J		D74 ,75		MA111		△ Q86		2SD2061(E,F)	
R810		RK73FB2A153J		D76 ,77		HZS5.1S(B2)		Q301-304		2SA992(F,E)	
R811		RK73FB2A682J		D76 ,77		RD5.1JS(B2)		Q305-308		2SC2631(R,S)	
R812		RK73FB2A103J		D79 ,80		HZS5.6N(B2)		Q309,310		2SA1123(R,S)	
R821		RD14NB2E272J		D79 ,80		RD5.6ES(B2)		Q311,312		2SA1586(Y,GR)	
R822		RK73FB2A100J		△ D81 ,82		1B4B41		Q351-354		2SA992(F,E)	
R823		RK73FB2A472J		D83 ,84		HZS15N(B)		Q355-358		2SC2631(R,S)	
R824		RK73FB2A100J		D83 ,84		RD15ES(B)		Q359,360		2SA1123(R,S)	
R825		RK73FB2A472J		D85		HZS5.1S(B2)		Q361,362		2SA1586(Y,GR)	
R828		RD14NB2E332J		D85		RD5.1JS(B2)		Q401,402		2SA992(F,E)	
R901		RK73FB2A223J		△ D86		S5688B		Q403,404		2SC2631(R,S)	
R902,903		RK73FB2A103J		D87		HZS11N(B)		Q405		2SA1123(R,S)	
R904		RK73FB2A153J		D87		RD11JS(B)		Q406		2SA1586(Y,GR)	
R905		RK73FB2A103J		△ D88		D3SBA20F03		△ Q451		2SA1535(R,S)	
R906		RK73FB2A222J		D89		HZS11N(B)		△ Q452		2SC3944(R,S)	
R912		RK73FB2A102J		D89		RD11JS(B)		Q453		DTC124EUA	
R917-922		RK73FB2A102J		D90 ,91		MA111		Q453		UN5212	
R923		RK73FB2A562J		D901,902		MA111		Q454		2SA1611(M5,M6)	
R924		RK73FB2A103J		D997		HSS104		Q455		2SC4177(L5,L6)	
R925		RK73FB2A104J		D997		1SS133		△ Q457		2SC4177(L5,L6)	
R926		RK73FB2A102J		D998		HZS15N(B)		Q458		2SA992(F,E)	
R927		RK73FB2A474J		D998		RD15ES(B)		Q459		DTC124EUA	
R928		RK73FB2A103J		D999		MA111		Q459		UN5212	
R929		RK73FB2A101J		ED1		16-MT-62GK		Q460		2SC4177(L5,L6)	
R998,999		RD14NB2E103J		IC1		NJM4580ED		Q461		DTA143TUA	
W312-314		R92-0670-05		IC11,12		SN761200N		Q461		UN5116	
S2 -7		S70-0031-05		IC21		NJM2058D		Q462		2SA1611(M5,M6)	
D1		MA111		IC23		TC9162AF		△ Q463,464		2SA992(F,E)	
D2		U1BC44		IC51		SN761200N		Q465		2SC1845(F,E)	
D3		MA111		IC52		MC14577CF		△ Q466,467		2SA992(F,E)	
D4 ,5		HZS2.7N(B)		IC53		NJU3713D		Q468-470		2SC1845(F,E)	
D4 ,5		RD2.7ES(B)		IC61		UPD780204-038		Q901		2SC4081(R,S)	
D6 ,7		MA111		△ IC81		NJM4558D		Q902,903		2SA1611(M5,M6)	
D31 -38		HSS104		△ IC82		TA79005S		Q999		2SC3244	
D31 -38		1SS133		△ IC83		UPC7905AHF		A1		W02-2571-05	
D39		DA204K		△ IC83		TA7805S					
D40		MA111		△ IC83		UPC7805AHF					
D41 ,42		HSS104		△ IC84		SI-3082V					
D41 ,42		1SS133		△ IC90		BA7645N					
D43		HZS5.1S(B2)		IC91		NJM4580L					
D43		RD5.1JS(B2)		Q11 -14		2SC4081(R,S)					
D44 ,45		MA111		Q15 ,16		2SC4213(B)					
D46		HZS24N(B)		Q30 ,31		2SC4081(R,S)					
D46		RD24ES(B)		Q51 ,52		2SC4081(R,S)					
D47		HZS18N(B)		Q53		DTA113ZUA					
D47		RD18ES(B)		Q53		UN5119					
D48		HZS24N(B)		Q54		DTC124EUA					
D48		RD24ES(B)		Q54		UN5212					
				Q55		2SC4213(B)					

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Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas

△ indicates safety critical components.

HOW TO READ THE PARTS LIST

Destination column has the abbreviation for sale country and model.

Alphabets mean the country. Numerals do the model.

Example: E means KRF-X9992D for England market.

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	CNT	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
	ABB.	X	P	C	T	E	G	H	I
KRF-X9992D	-	-	-	-	T1	E	-	-	-
KRF-X9992DE	-	-	-	-	-	E1	-	-	-
MODEL	CNT	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area	Other area(M2)
	ABB.	R	Y	Q	L	V	K	M	M2
KRF-X9992D	-	-	-	-	-	-	-	-	-
KRF-X9992DE	-	-	-	-	-	-	-	-	-

KRF-X9992D/X9992DE

SPECIFICATIONS

AUDIO section

Rated power output during STEREO operation
(DIN/IEC) 63 Hz ~ 12.5 kHz, 0.7% T.H.D at 6 Ω
..... 130 W + 130 W

Effective output power during SURROUND operation
FRONT
(1kHz, 0.06% T.H.D. at 6 Ω one channel driven)
..... 130 W + 130 W

CENTER
(1kHz, 0.06% T.H.D. at 6 Ω one channel driven)
..... 130 W

SURROUND
(1kHz, 0.06% T.H.D. at 6 Ω one channel driven)
..... 130 W + 130 W

Total harmonic distortion 0.004 % (1kHz, 65 W, 6 Ω)

Frequency response (IHF '66)
CD1 5 Hz ~ 80 kHz, +0.5 dB, -3 dB

Signal to noise ratio (IHF '66)
PHONO (MM) 77 dB
CD1 96 dB

Input sensitivity / impedance
PHONO (MM) 2.5 mV / 47 kΩ
CD1 200 mV / 47 kΩ
6CH INPUT 200 mV / 47 kΩ

Output level / impedance
TAPE REC 200 mV / 220 Ω
PRE OUT (FRONT, CENTER, SURROUND, SUBWOOFER)
..... 1 V / 500 Ω

Tone control
BASS ±7 dB (at 100 Hz)
TREBLE ±7 dB (at 10 kHz)

LOUDNESS control
VOLUME at -40dB level ... +7 dB(100 Hz), +4 dB(10 kHz)

DIGITAL AUDIO section

Sampling frequency 32 kHz, 44.1 kHz, 48 kHz

Input level / impedance / wave length
Optical -15 dBm ~ -21 dBm, 600 nm ±30nm
Coaxial 0.5 Vp-p / 75 Ω

Output level / impedance / wave length
Optical -15 dBm ~ -21 dBm, 600 nm ±30nm

VIDEO section

VIDEO inputs / outputs
VIDEO (composite) 1 Vp-p / 75 Ω
S-VIDEO (luminance signal) 1 Vp-p / 75 Ω
(chrominance signal) 0.286 Vp-p / 75 Ω

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

Usable sensitivity (DIN, 75 Ω)
MONO 1.2μV / 13.2 dBf (40 kHz DEV., S/N 26 dB)
STEREO 45μV / 44.2 dBf (46 kHz DEV., S/N 46 dB)

Total harmonic distortion (DIN, 1 kHz)
MONO 0.2 % (65.2 dBf input)
STEREO 0.8 % (65.2 dBf input)

Signal to noise ratio (DIN weighted, 1 kHz)
MONO 65 dB (40 kHz DEV., 65.2 dBf input)
STEREO 60 dB (40 kHz DEV., 65.2 dBf input)

Stereo separation (DIN, 1 kHz) 36 dB

Selectivity (DIN, ±300 kHz) 64 dB

Frequency response (30 Hz ~ 15kHz) +0.5 dB, -3.0 dB

AM tuner section

Tuning frequency range 531 kHz ~ 1,602 kHz

Usable sensitivity (30% mod., S/N 20 dB)
..... 16 μV / (600 μV/m)

Signal to noise ratio (30 % mod., 1 mV input) 50 dB

GENERAL

Power consumption 600 W

△ AC outlet
SWITCHED 2 (total 100W max.)

Dimensions W : 440 mm (17-5/16")
..... H : 162 mm (6-3/8")
..... D : 391 mm (15-3/8")

Weight (Net) 15.2 kg (33.5lb)



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Full performance may not be exhibited in extremely cold locations (below 0 deg.C).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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