AUDIO-VIDEO SURROUND RECEIVER

KRF-V4070D/V4070D-S/V5070D/V5070D-S
KRF-V5570D/V5570D-S/V6070D/V6070D-S
VR-705/705-S/707/715/715-S/716

SERVICE MANUAL

KENWOOD

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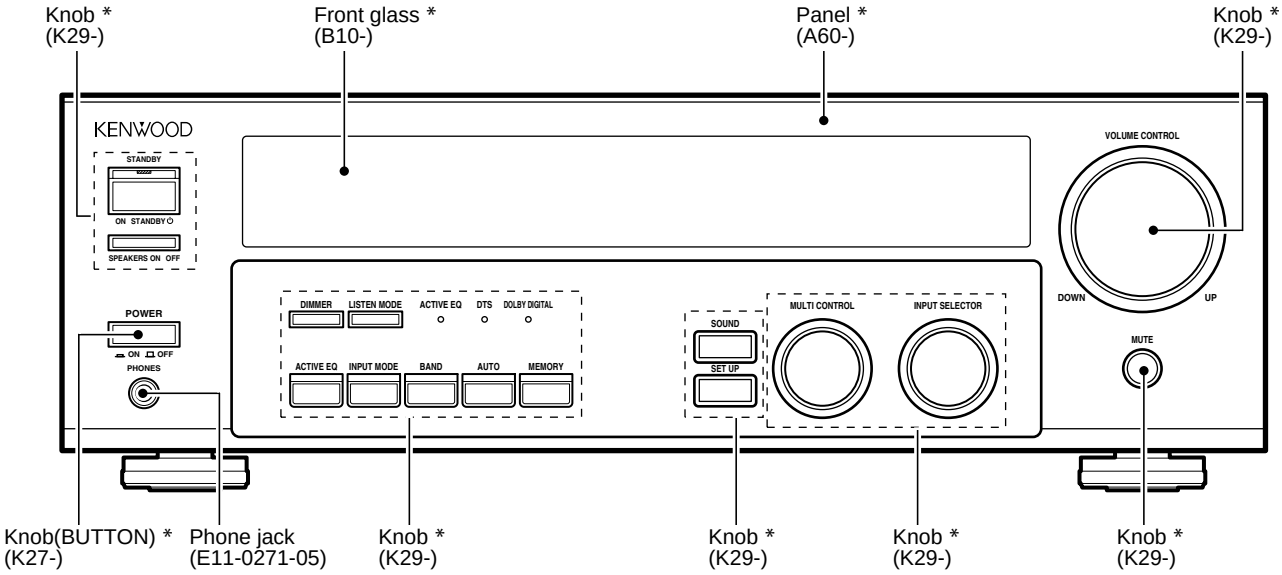
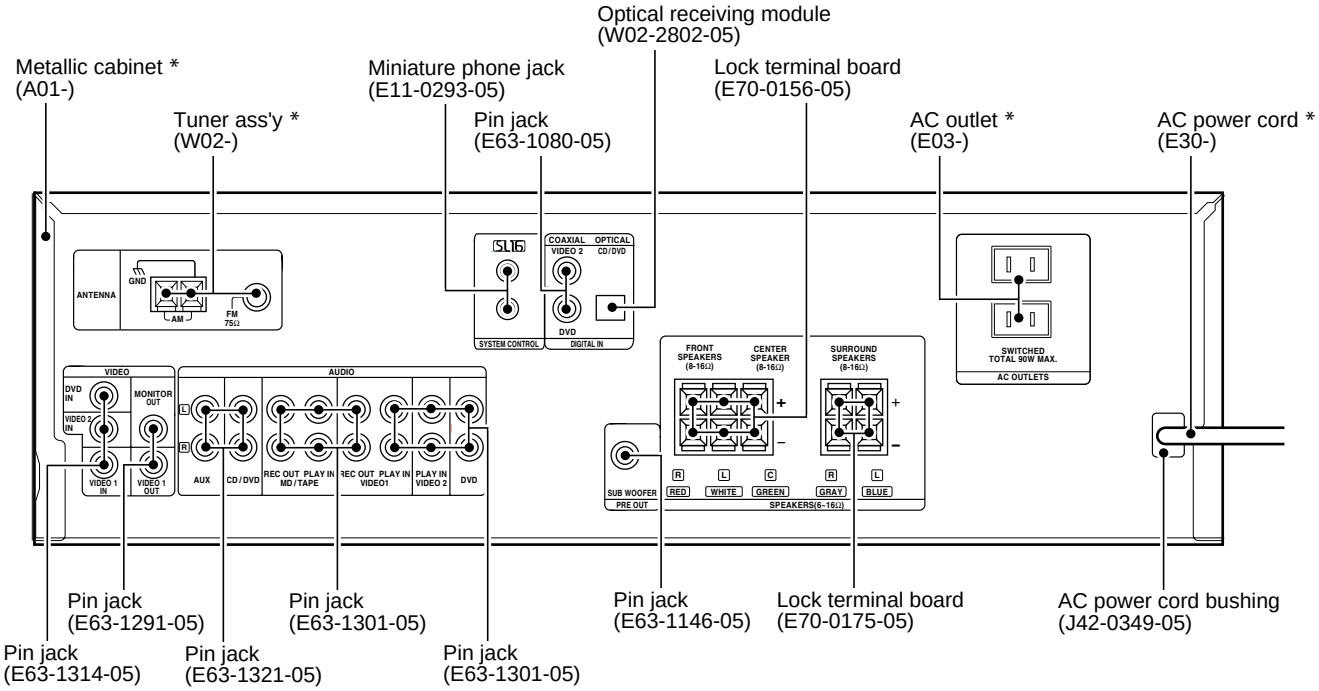
B51-5840-00 (K/K) 3471





Illust. is KRF-V4070D.

*** Refer to parts list on page 29.**

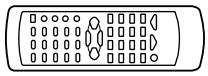
70%

ACCESSORIES / CAUTIONS

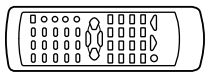
Accessories

Remote control unit (1)
(See the below table)

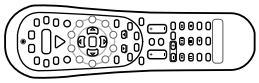
RC-R0626



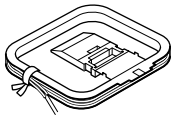
RC-R0625



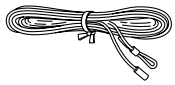
RC-R0824



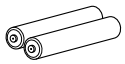
AM loop antenna (1)
(T90-0893-05)



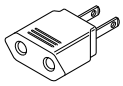
FM indoor antenna (1)
(T90-0877-05)



Batteries (R6/AA) (2)



AC Plug Adaptor (1)
(E03-0115-05)



Use to adapt the plug on the power cord to the shape of the wall outlet.
(Accessory only for regions where use is necessary.)

REMOTE CONTROL vs MODEL

MODEL	PARTS #	REMOTE CONTROL #	DESTI-NATION
KRF-V4070D	A70-1614-05	RC-R0628	E1
KRF-V4070D-S			E2
KRF-V4070D-S	A70-1612-05	RC-R0626	X2
KRF-V5070D	A70-1613-05	RC-R0625	E3
KRF-V5070D	A70-1611-05		M3
KRF-V5070D-S	A70-1613-05		E4
KRF-V5070D-S	A70-1611-05		M4X4
KRF-V5570D	A70-1612-05	RC-R0626	X5
KRF-V5570D-S			M6X6
KRF-V5570D-S	A70-1614-05	RC-R0628	E6

MODEL	PARTS #	REMOTE CONTROL #	DESTI-NATION
KRF-V6070D	A70-1617-05	RC-R0824	M7
KRF-V6070D			X7
KRF-V6070D	A70-1618-05	RC-R0825	E7
KRF-V6070D-S	A70-1617-05	RC-R0824	M8
KRF-V6070D-S	A70-1618-05	RC-R0825	E8
VR-705	A70-1612-05	RC-R0626	K1P1
VR-705-S			K6P6
VR-707	A70-1617-05	RC-R0824	K2P2
VR-715	A70-1611-05	RC-R0625	K3P3
VR-715-S			K5P5
VR-716	A70-1617-05	RC-R0824	K4P4

Cautions

Resetting the Microcomputer

The microcomputer may malfunction (unit cannot be operated, or shows an erroneous display) if the power cord is unplugged while the power is ON, or due to some other external factor. If this happens, execute the following procedure to reset the microcomputer and return the unit to its normal operating condition.

- Please note that resetting the microcomputer will clear the contents of the memory and return the unit to the state it was in when it left the factory

For the U.S.A. and Canada

Unplug the power cord from the wall outlet, then plug it back in while holding down the POWER key.

For other countries

With the power cord plugged in, turn the POWER key OFF. Then, while holding down the ON/STANDBY I/⏻ key, press POWER.

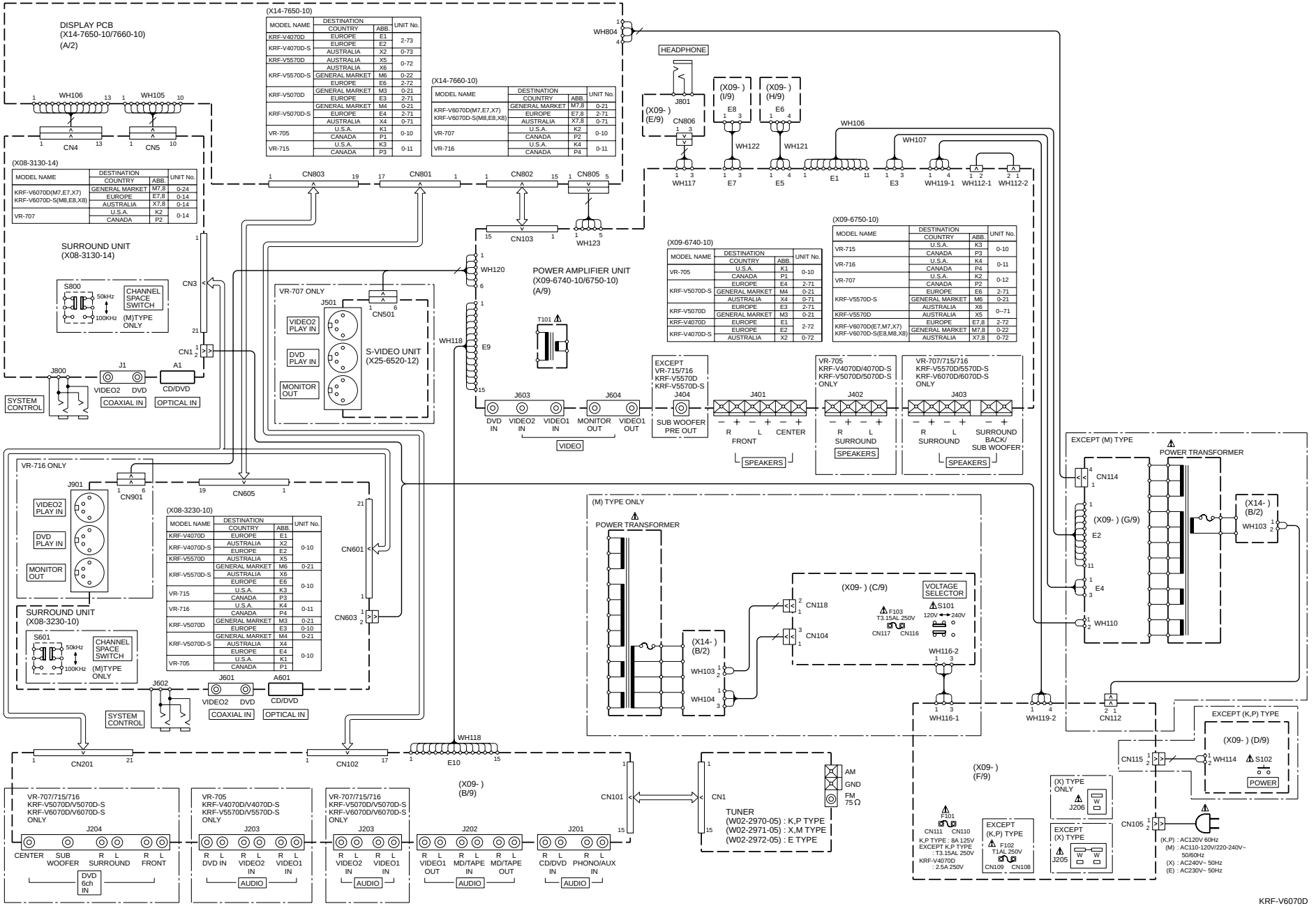
Memory back up function

Please note that the following items will be deleted from the unit's memory if the power cord is disconnected from the AC outlet for approximately 3 days.

- Power mode.
- Input selector settings.
- Picture output.
- Speaker ON/OFF.
- Volume level.
- BASS, TREBLE, INPUT level.
- Dimmer level.
- MD/TAPE settings.
- Listen mode setting.
- Speaker settings.
- SW RE-MIX ON/OFF.
- Distance setting.
- Input mode setting.
- Midnight mode setting.
- PRO LOGIC II mode setting.
- Broadcast band.
- Frequency setting.
- Preset stations.
- Tuning mode.
- CINEMA EQ ON/OFF.
- LOUDNESS ON/OFF.

KRF-V4070D/V5070D/V6070D/VR-705/707/715/716

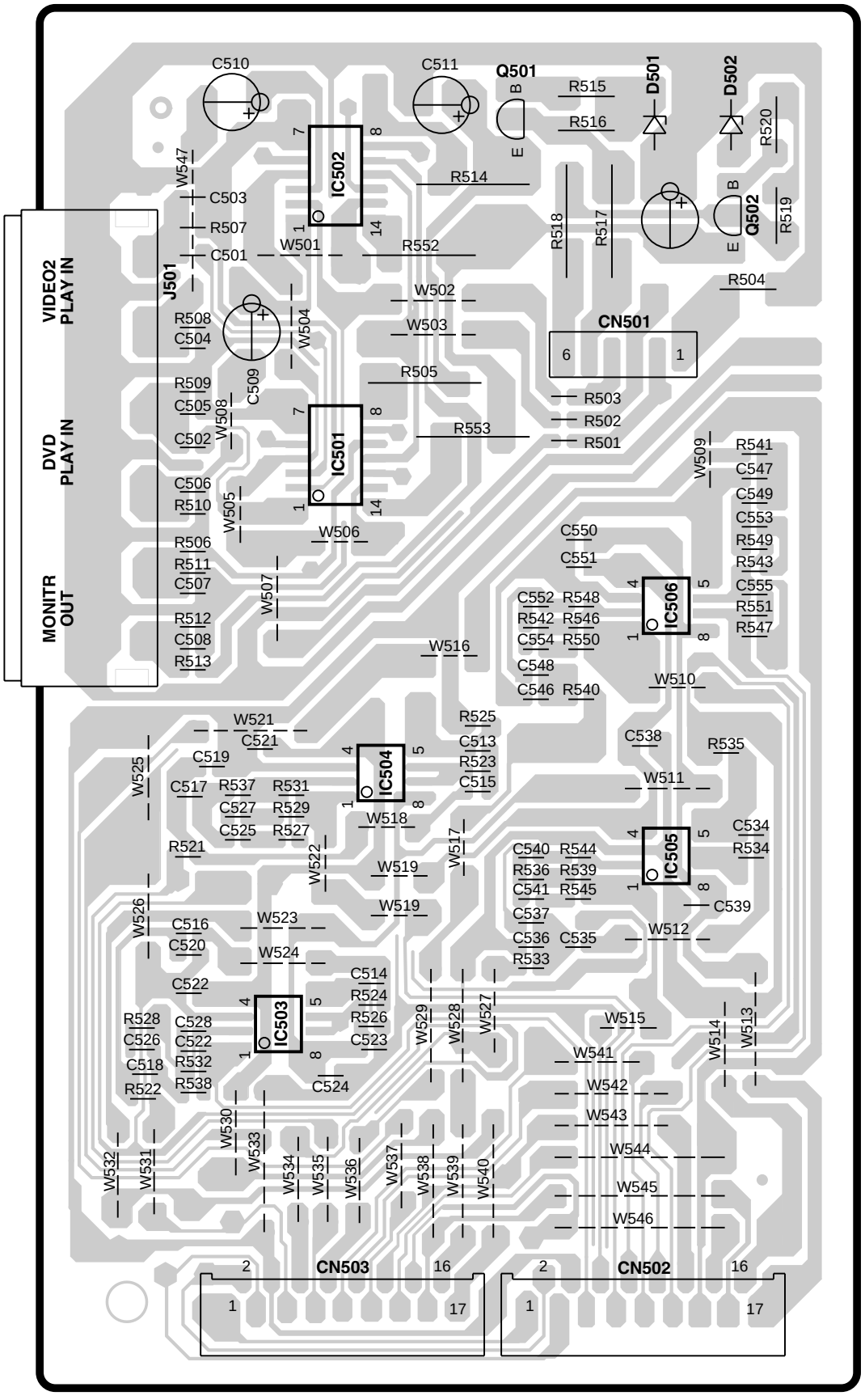
INTERCONNECTION DIAGRAM



KRF-V6070D

PC BOARD

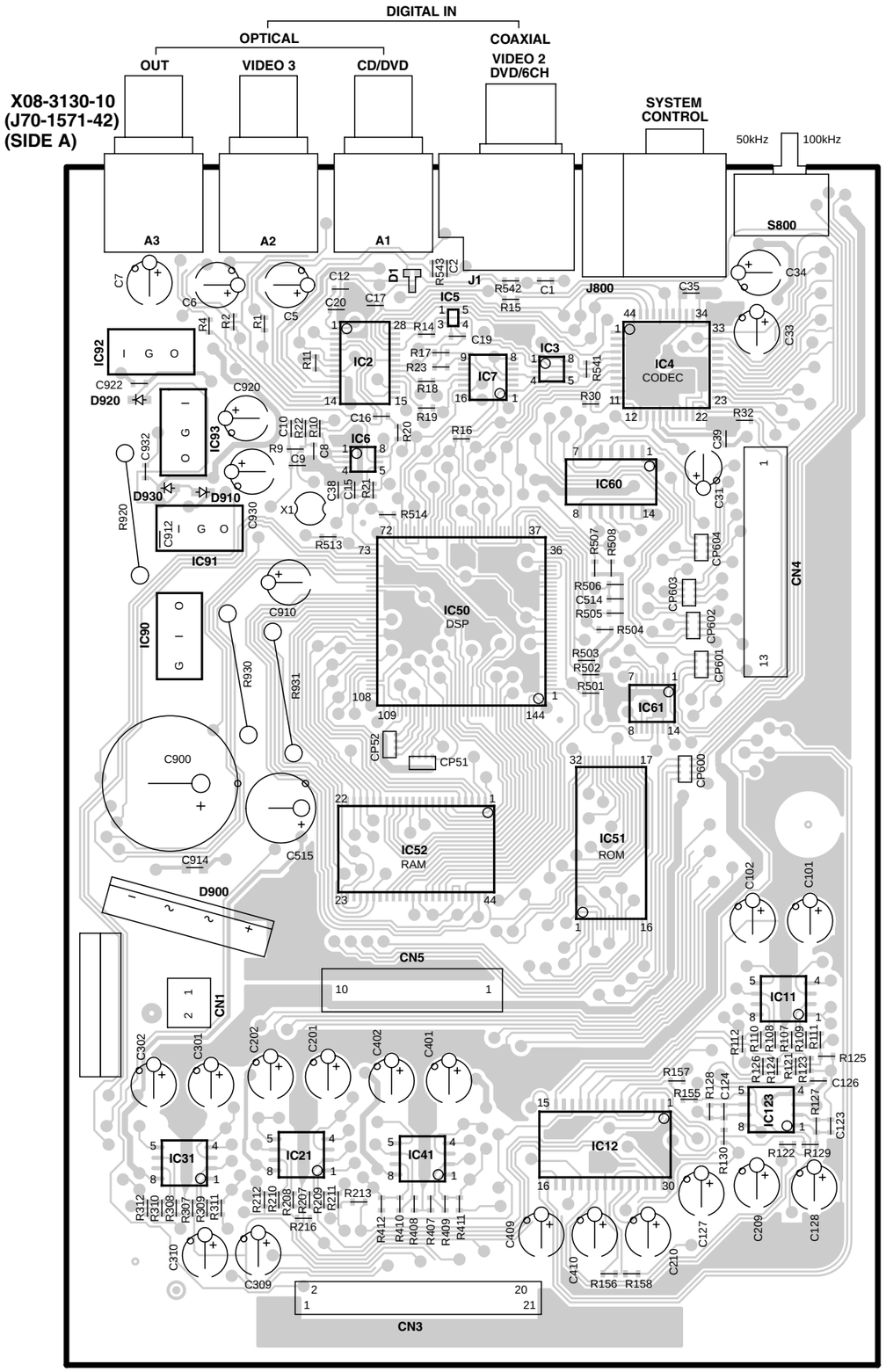
X25-6520-12(J70-1614-11)



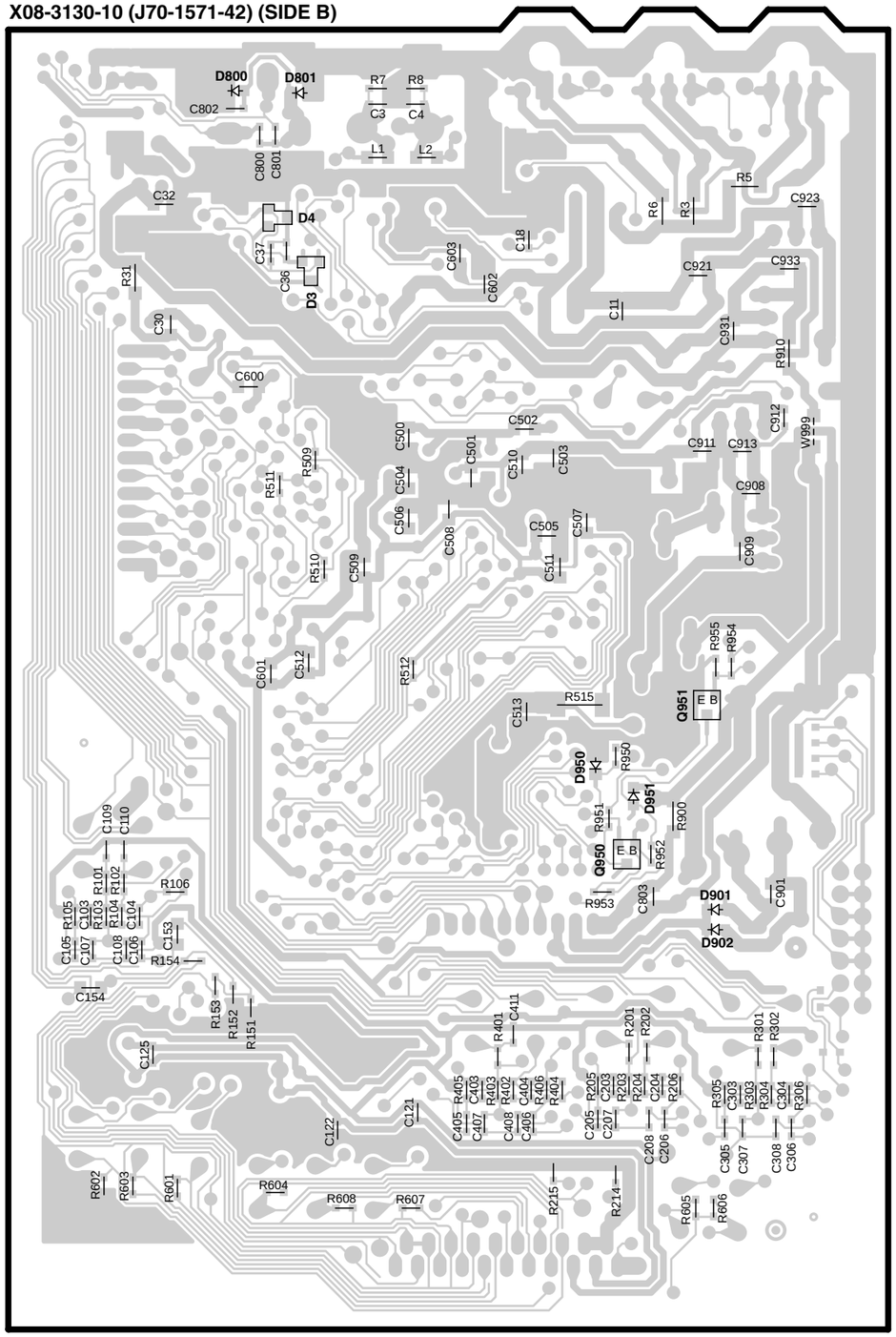
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD

X08-3130-10
(J70-1571-42)
(SIDE A)



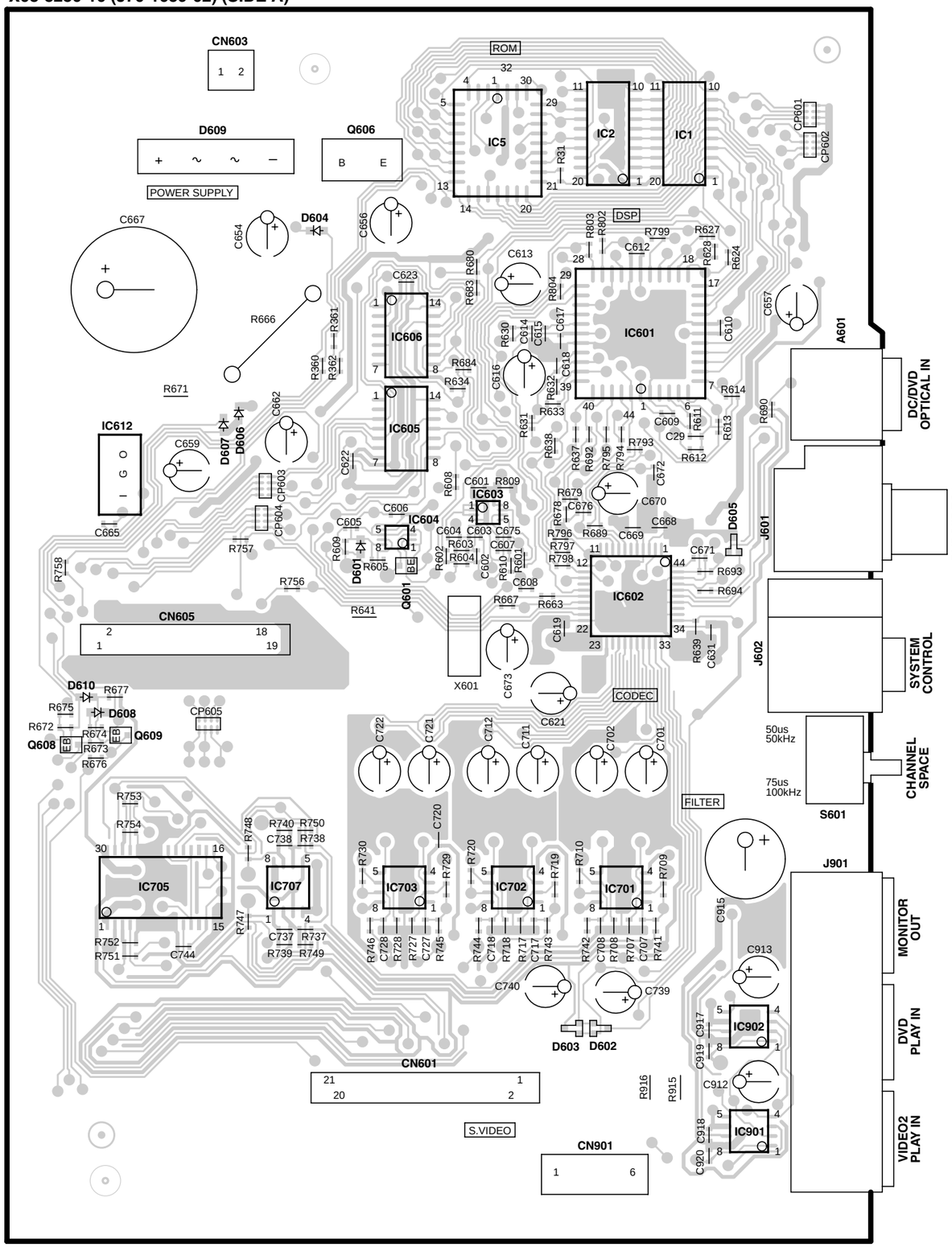
X08-3130-10 (J70-1571-42) (SIDE B)



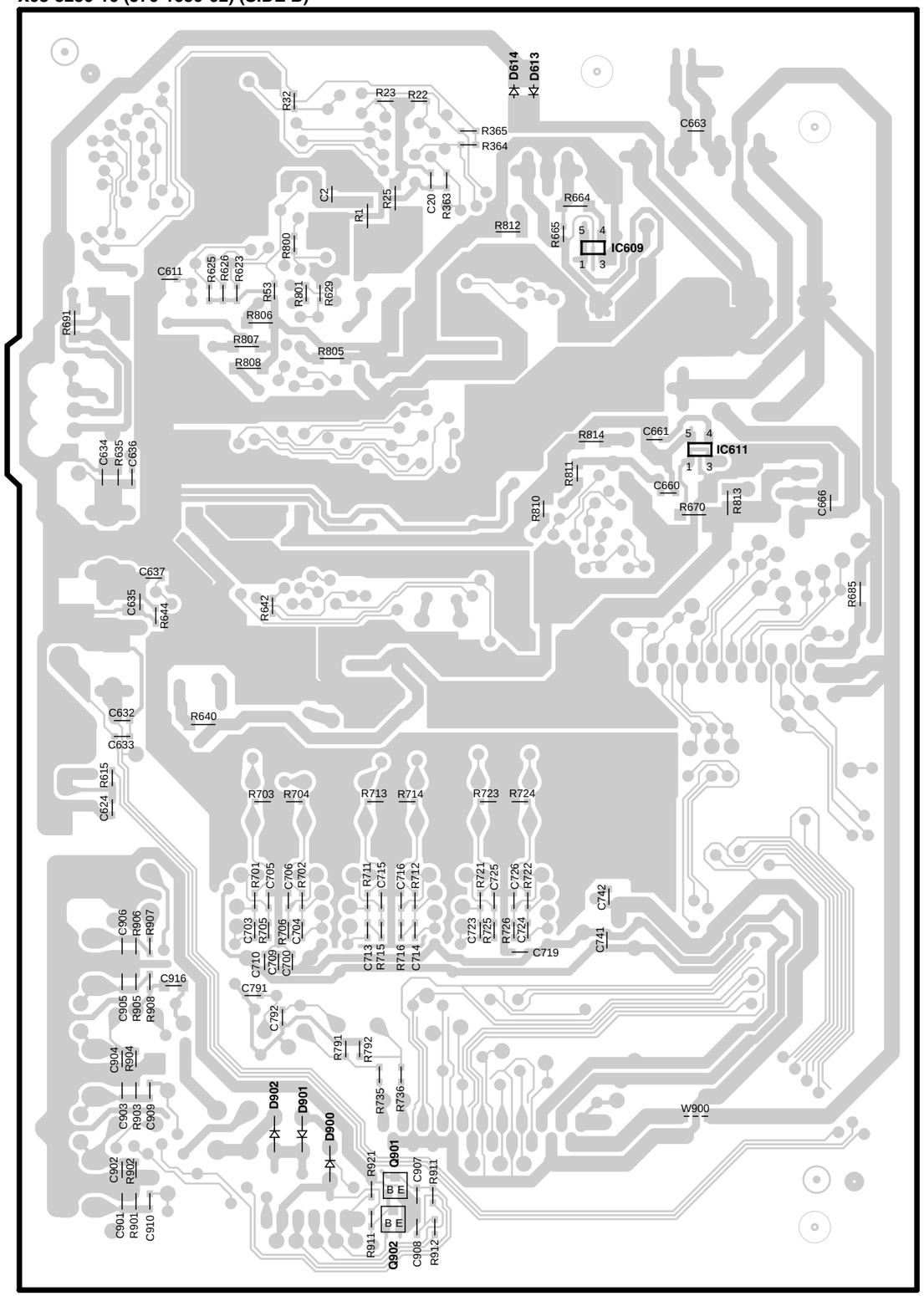
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD

X08-3230-10 (J70-1659-02) (SIDE A)



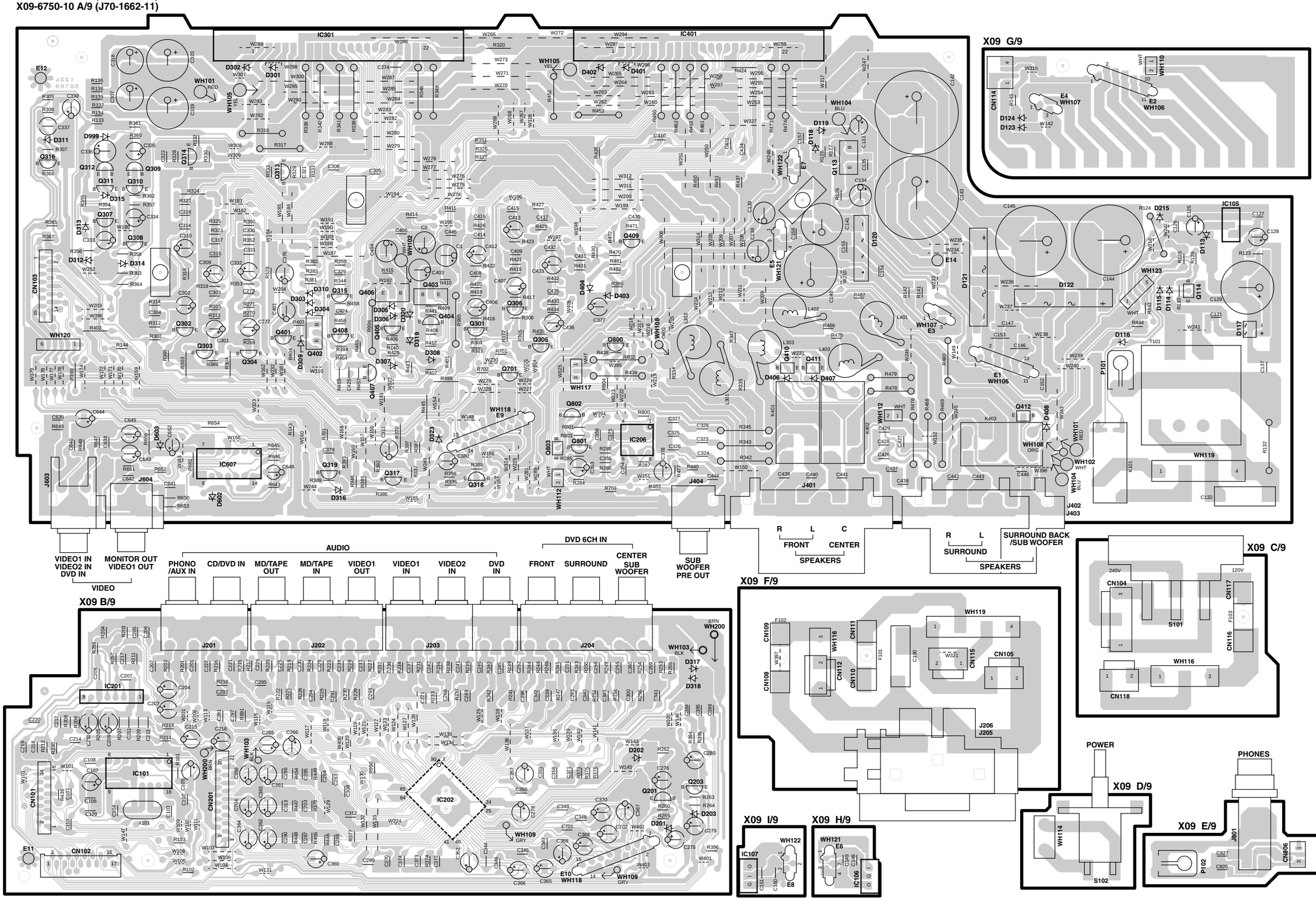
X08-3230-10 (J70-1659-02) (SIDE B)



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

PC BOARD

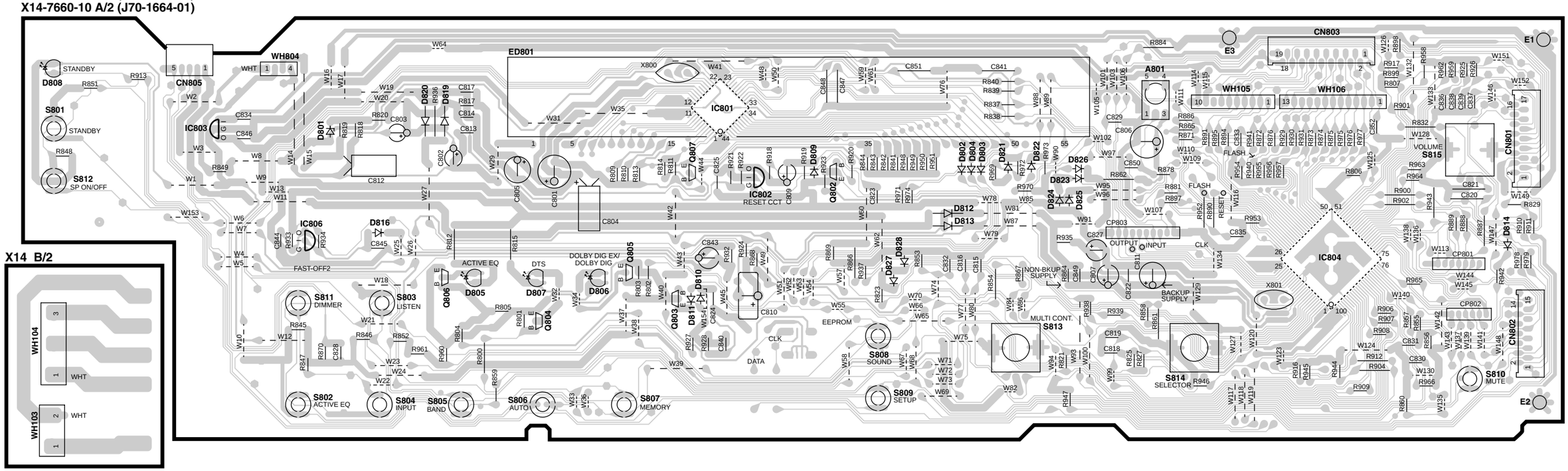
X09-6740-10 A/9 (J70-1661-11)
X09-6750-10 A/9 (J70-1662-11)



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

PC BOARD

X14-7650-10 A/2 (J70-1660-01)
X14-7660-10 A/2 (J70-1664-01)



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

(X08-3230-10)

OPTICAL INPUT CD/DVD A601

COAXIAL INPUT VIDEO2 DVD J601

IC601 DIGITAL AUDIO DECODER

IC602 CODEC (ADC&DAC)

IC603 OSCILLATOR

IC604 DIGITAL DETECT

IC605 LEVEL SHIFTER

IC606 LEVEL SHIFTER

IC609 +2.5V AVR

IC611 +3.3V AVR

IC612 +5V AVR

FILTER

IC701 (1/2) FL

IC701 (2/2) FR

IC702 (1/2) SL

IC702 (2/2) SR

IC703 (1/2) CENTER

IC703 (2/2) SW

IC705 CONFIGURATION

IC707 (1/2) SW MIX

IC707 (2/2)

S VIDEO

VR-716 ONLY

VIDEO2 PLAY IN

DVD PLAY IN

MONITOR OUT

IC901 C

IC902 Y

CN901 VID. D GND / CTLB / V.MUTE / CTLA / +12V

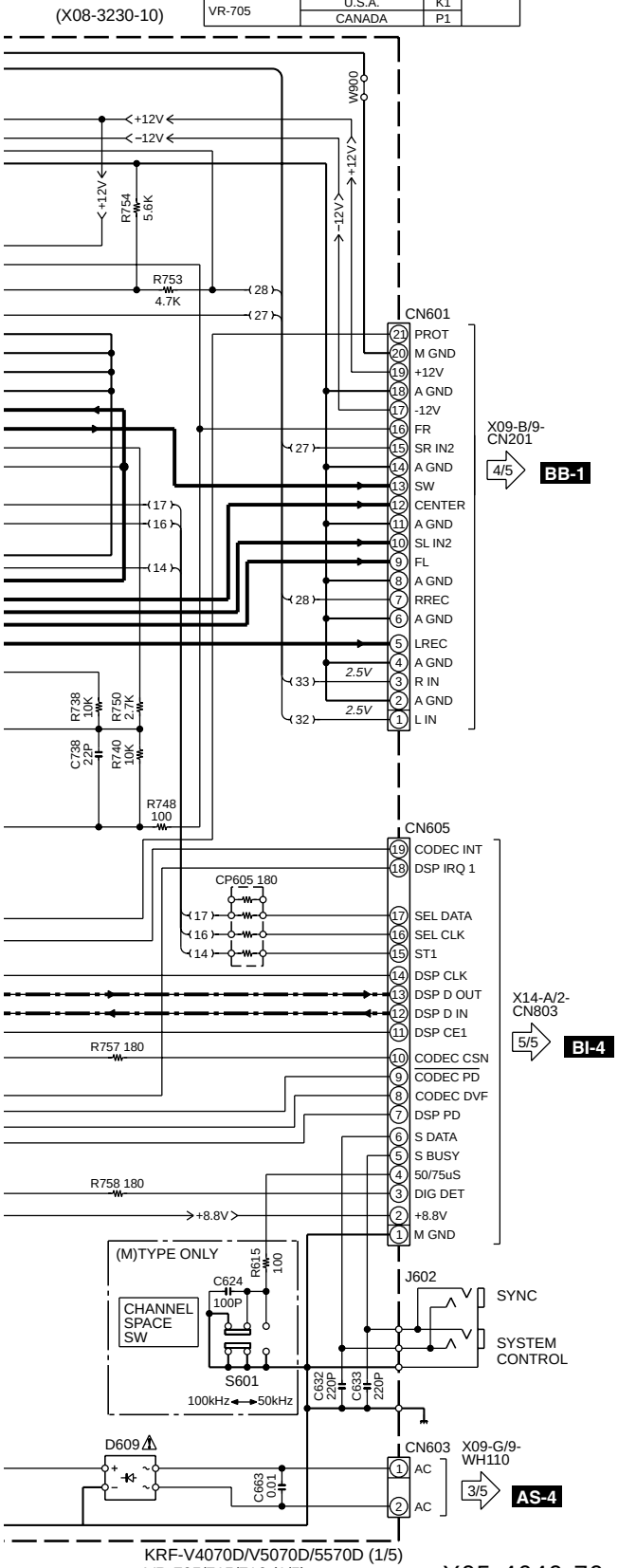
X09-A/9-WH120 3/5 AE-5

IC601	: CS493263-CLG or CS493263-CLR	D601,608,613,614	: MA111
IC602	: AK4586	D602,605	: 1SS301 or DAN202U or MA142WK
IC603	: TC7WU04FU	D603	: 1SS300 or DAP202U or MA142WA
IC604	: TC7WH123FU	D604	: UDZ3.9B or HZU3.9(B2)
IC605	: TC74HCT7007AF	D606,607	: UDZ5.6B or HZU5.6(B2)
IC606	: TC74HC07AF	D609	: D2SBA20F03
IC609	: XC62EP2502MR	D610	: UDZ5.1B or HZU5.1(B2)
IC611	: BA033LBSG	D900-902	: 1SR154-400
IC612	: BA05T	Q601,901,902	: DTC124EUA or UN5212
IC701-703,707	: NJM4565MD	Q606	: 2SB1375
IC705	: NJU7311AM	Q608	: 2SC4081(R,S) or 2SD1819A(Q,R)
IC901,902	: MM1228XF	Q609	: 2SA1576A(R,S) or 2SB1218A(Q,R)

DIGITAL LINE
SIGNAL LINE
GND LINE
+B LINE
−B LINE

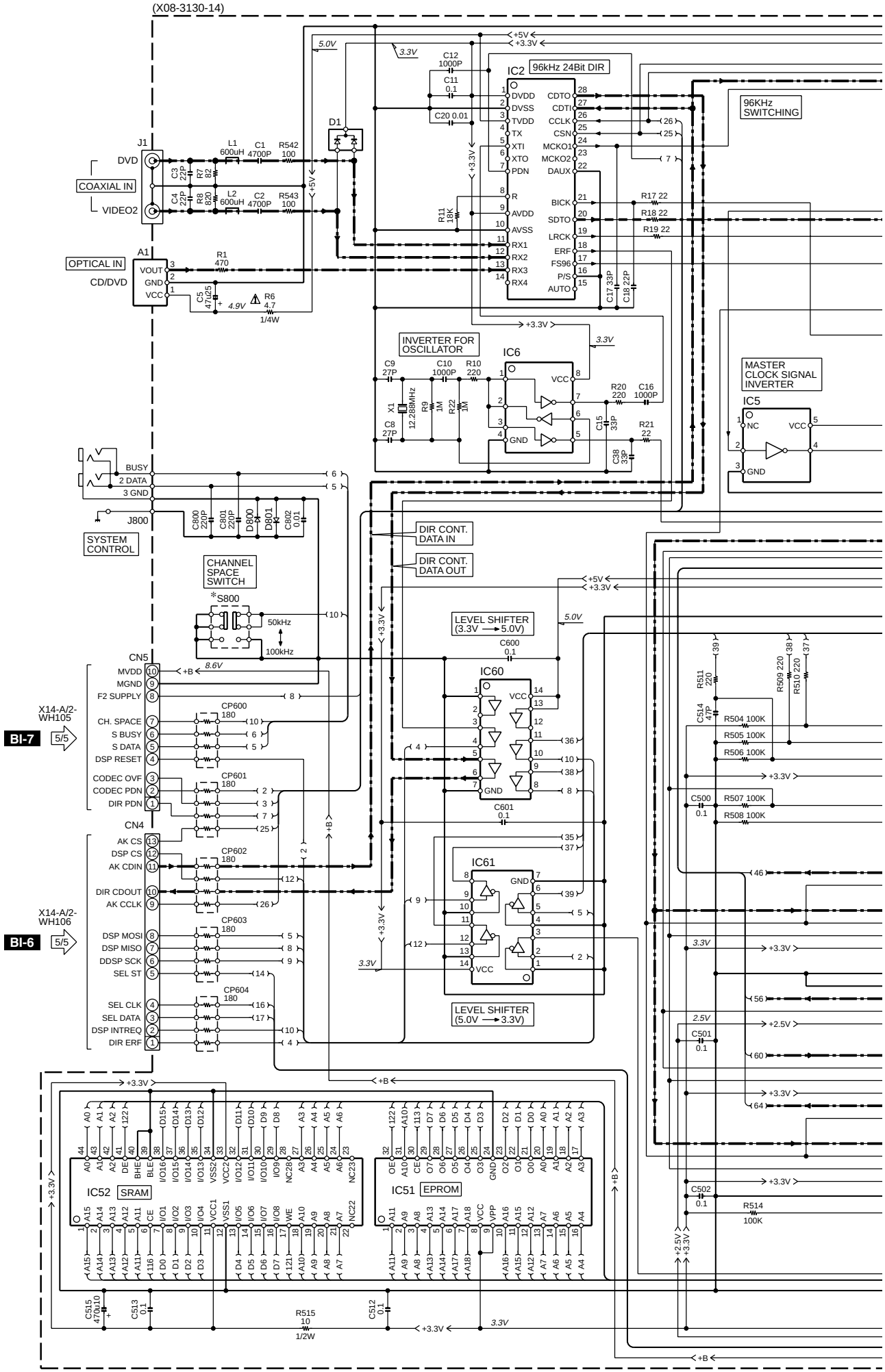
(X08-3230-10)

MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.
KRF-V4070D	EUROPE	E1	0-10
KRF-V4070D-S	AUSTRALIA	X2	
	EUROPE	E2	
KRF-V5570D	AUSTRALIA	X5	
KRF-V5570D-S	GENERAL MARKET	M6	0-21
	AUSTRALIA	X6	0-10
	EUROPE	E6	
VR-715	U.S.A.	K3	
	CANADA	P3	
VR-716	U.S.A.	K4	0-11
	CANADA	P4	
KRF-V5070D	GENERAL MARKET	M3	0-21
	EUROPE	E3	0-10
KRF-V5070D-S	GENERAL MARKET	M4	0-21
	AUSTRALIA	X4	0-10
	EUROPE	E4	
VR-705	U.S.A.	K1	
	CANADA	P1	



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ 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 with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.


(X08-3130-14)
IC2 96kHz 24Bit DIR
96kHz SWITCHING
J1
DVD
COAXIAL IN
VIDEO2
OPTICAL IN
CD/DVD
A1
D1
INVERTER FOR OSCILLATOR
IC6
MASTER CLOCK SIGNAL INVERTER
IC5
SYSTEM CONTROL
J800
BUSY
2 DATA
3 GND
DIR CONT. DATA IN
DIR CONT. DATA OUT
CHANNEL SPACE SWITCH
S800
50kHz
100kHz
LEVEL SHIFTER (3.3V → 5.0V)
LEVEL SHIFTER (5.0V → 3.3V)
IC60
IC61
CN5
CN4
MVDD
MGND
F2 SUPPLY
CH. SPACE
S BUSY
S DATA
DSP RESET
CODEC OVF
CODEC PDN
DIR PDN
AK CS
DSP CS
AK CDIN
DIR CDOUT
AK CCLK
DSP MOSI
DSP MISO
DDSP SCK
SEL ST
SEL CLK
SEL DATA
DSP INTREQ
DIR ERF
X14-A/2-WH105
BI-7
X14-A/2-WH106
BI-6
IC52 SRAM
IC51 EPROM
+5V
+3.3V
+2.5V
+B
5.0V
3.3V
2.5V
8.6V
4.9V

(X08-3130-14)

IC3 AUDIO SERIAL DATA OUT

IC7 SYNCHRONIC DIGITAL SIGNAL TO MASTER

SDTI(1,2,4) AUDIO SERIAL DATA IN

IC4 96KHz 24Bit CODEC & DAC

AUDIO SERIAL DATA OUT

IC50 MELODY 32 DSP IC

IC11,21,31,41 L.P.F.

FL FR SL SR SBL SBR CENTER SW

IC12 CONFIGURATION SELECTOR

CN3 → X09-B/9-CN201 4/5 **BC-1**

+5.0V AVR IC93 · +3.3V AVR IC92 · +2.5V AVR IC91 · IC90

PROTECTION

CN1 → X09-G/9-WH110 3/5 **AS-4**

IC2 : AK4112BVF
IC3 : TC7WH241FU
IC4 : AK4529-VQ
IC5 : TC7SHU04FU
IC6 : TC7WU04FU
IC7 : TC74VHC175FT
IC11,21,31,41,123 : NJM4565M or NJM4565MD
IC12 : NJU7311AM
IC50 : ADSST-MEL322
IC51 : 27W40180N6705
IC52 : A61L6316-12V or UT61L6416MC10 or UT61L6416MC12
IC60 : TC74HCT7007AF
IC61 : TC74VHC125FT
IC91 : NJU7223F25
IC92 : BA033T
IC90,93 : BA05T

Q950 : 2SB1218A(Q,R) or 2SA1576A(R,S)
Q951 : 2SD1819A(Q,R) or 2SC4081(R,S)

D1,3 : DAN202U or 1SS301 or MA142WK
D4 : DAP202U or 1SS300 or MA142WA
D800,801,901,902,951 : MA111
D900 : D2SBA20F03
D910,920 : HZU3.9(B2) or UDZ3.9B
D930 : HZU5.6(B2) or UDZ5.6B
D950 : HZU5.1(B2) or UDZ5.1B

(X08-3130-14)

MODEL NAME	DESTINATION		UNIT No.	S800	D901, 902
	COUNTRY	ABB.			
KRF-V6070D(M7,E7,X7) KRF-V6070D-S(M8,E8,X8)	GENERAL MARKET	M7,8	0-24	YES	YES
	EUROPE	E7,8	0-14	NO	NO
	AUSTRALIA	X7,8	0-14	NO	NO
VR-707	U.S.A.	K2	0-14	NO	NO
	CANADA	P2			

DIGITAL LINE
SIGNAL LINE
GND LINE
+B LINE
−B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ 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.

(X25-6520-12) : VR-707 ONLY

CN501 → X09-A/9-WH120 3/5 **AE-5**

IC502 IC501

IC501,502 : NJM2279M

Q501 : 2SC3940A(R,S) or 2SD863(E,F)
Q502 : 2SA1534A(R,S) or 2SB764(E,F)

D501,502 : HZS6.2N(B2) or MTZJ6.2(B)

J501 VIDEO2 PLAY IN · DVD PLAY IN · MONITOR OUT

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.

KRF-V4070D/V4070D-S (2/5)
KRF-V5070D/V5070D-S (2/5)
KRF-V5570D/V5570D-S (2/5)
KRF-V6070D/V6070D-S (2/5)
VR-705/707/715/716 (2/5)

Y05-4640-70

KRF-V4070D/V5070D/V6070D/VR-705/707/715/716

KENWOOD

(X09-6740-10/6750-10) (A/9)

*IC301 EXCEPT KRF-V4070D/V4070D-S

*IC401 EXCEPT KRF-V4070D/V4070D-S

EXCEPT VR705 KRF-V5070D/V5070D-S KRF-V4070D/V4070D-S

*IC401

IC206

VR707 KRF-V6070D ONLY

EXCEPT VR705 KRF-V5070D/V5070D-S KRF-V4070D/V4070D-S

(X09-) (H/9)

(X09-) (I/9)

IC607 (BOTTOM VIEW)

IC106

IC107

IC105

E9 FR IN NC RS IN GND SW IN NC C IN GND NC LS IN FL IN SB IN

X09-B/9-E10 4/5 WH118 BF-3

X08-323-CN901 *WH120 1/5

X25-CN501 2/5

VCTLA V.MUTE VCTLB VID.GND

AC-5

J603 VIDEO1 IN

VIDEO2 IN

DVD IN

J604 MONITOR A OUT

VIDEO1 OUT

WH121 WH122 WH107 WH106-1 WH119-1

E6 E5 E8 E7 E3 E1

P101

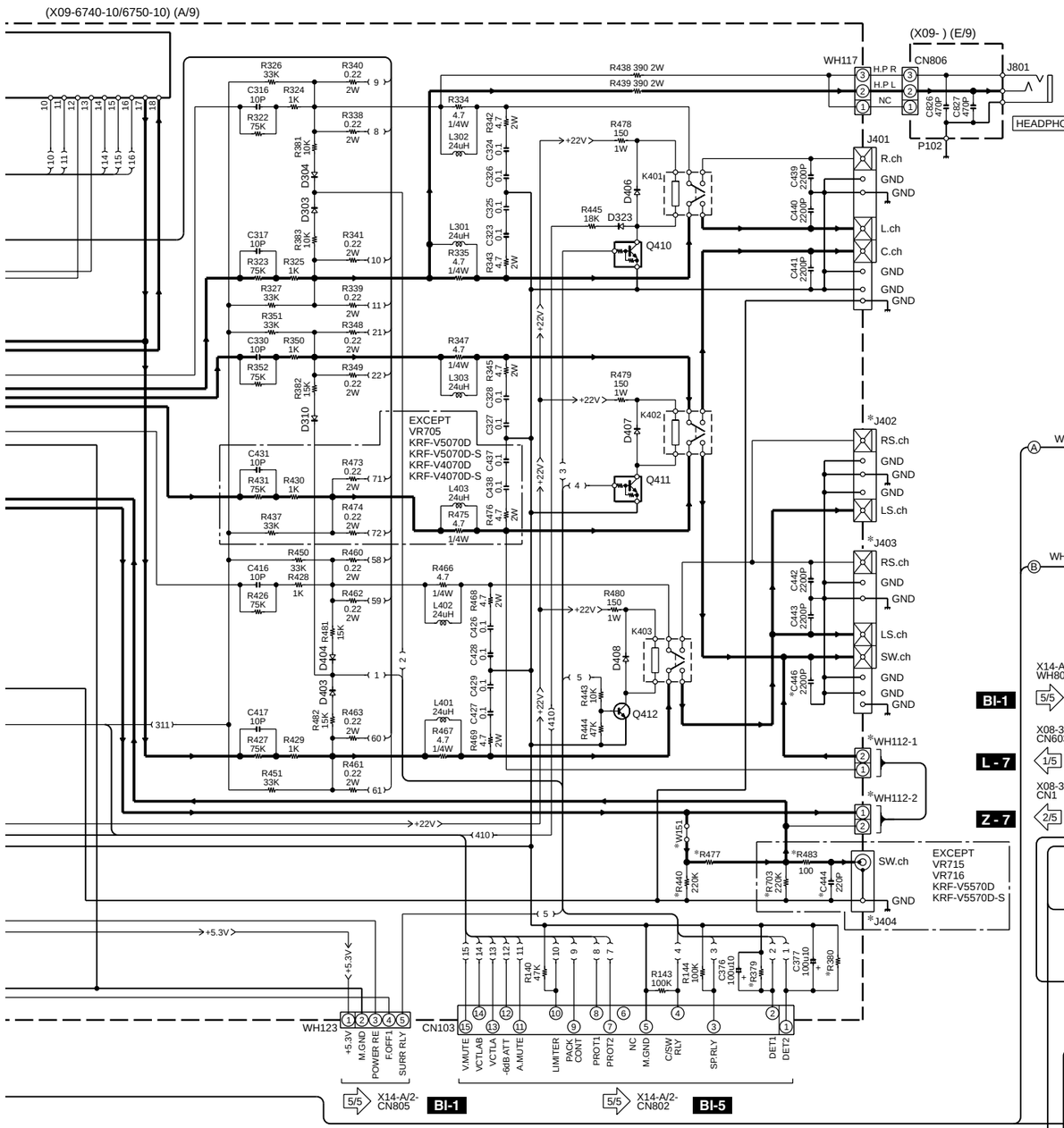
*W174 *W395 *W394 *W405

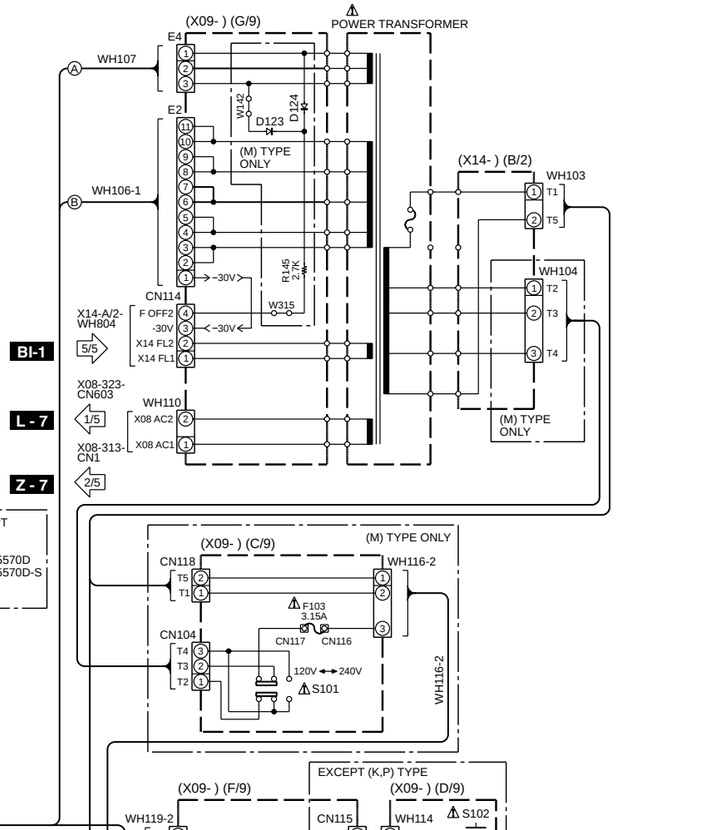
(X09-6750-10)

MODEL NAME	DESTINATION	ABB.	UNIT No.	C130	C141	C142,143	C144,145	C146,147,446	CN112	D122	D215	D305,306	D319	D320	F101
VR-715	U.S.A.	K3	0-10	C91-1648-05	470u25	C90-5747-05	C90-5746-05	YES	YES	YES	YES	11V	15V	15V	8A
	CANADA	P3													
VR-716	U.S.A.	K4	0-11	C91-1648-05	470u25	C90-5747-05	C90-5746-05	YES	YES	YES	YES	11V	15V	15V	8A
	CANADA	P4													
VR-707	U.S.A.	K2	0-12	C91-1648-05	100u25	C90-5747-05	C90-5746-05	YES	YES	YES	YES	11V	15V	15V	8A
	CANADA	P2													
KRF-V5570D-S	EUROPE	E6	2-71	C91-1488-05	470u25	C90-5775-05	C90-5777-05	YES	YES	YES	NO	10V	11V	13V	3.15A
	GENERAL MARKET	M6	0-21	C91-1488-05	470u25	C90-5747-05	C90-5746-05	YES	NO	YES	YES	10V	16V	16V	3.15A
	AUSTRALIA	X6	0--71	C91-1488-05	470u25	C90-5747-05	C90-5746-05	YES	YES	YES	NO	10V	16V	16V	3.15A
KRF-V5570D	AUSTRALIA	X5													
KRF-V6070D(E7,M7,X7)	EUROPE	E7,8	2-72	C91-1448-05	100u25	C90-5775-05	C90-5777-05	YES	YES	YES	NO	10V	11V	13V	3.15A
KRF-V6070D-S(E8,M8,X8)	GENERAL MARKET	M7,8	0-22	C91-1488-05	100u25	C90-5747-05	C90-5746-05	YES	NO	YES	YES	10V	16V	16V	3.15A
	AUSTRALIA	X7,8	0-72	C91-1488-05	100u25	C90-5747-05	C90-5746-05	YES	YES	YES	NO	10V	16V	16V	3.15A

(X09-6740-10)

MODEL NAME	DESTINATION	ABB.	UNIT No.	C130	C141	C142,143	C144,145	C146,147	C446	CN112	D122	D215	D305,306	D319	D320	F101	IC301
VR-705	U.S.A.	K1	0-10	C91-1648-05	470u25	C90-5747-05	C90-5746-05	YES	NO	YES	YES	YES	11V	15V	15V	8A	STK-413-220A
	CANADA	P1															
KRF-V5070D-S	EUROPE	E4	2-71	C91-1488-05	470u25	C90-5775-05	C90-5777-05	YES	NO	YES	YES	NO	10V	11V	13V	3.15A	STK-413-220A
	GENERAL MARKET	M4	0-21	C91-1488-05	470u25	C90-5747-05	C90-5746-05	YES	NO	NO	YES	YES	10V	16V	16V	3.15A	STK-413-220A
	AUSTRALIA	X4	0-71	C91-1488-05	470u25	C90-5747-05	C90-5746-05	YES	NO	YES	YES	NO	10V	16V	16V	3.15A	STK-413-220A
KRF-V5070D	EUROPE	E3	2-71	C91-1488-05	470u25	C90-5775-05	C90-5777-05	YES	NO	YES	YES	NO	10V	11V	13V	3.15A	STK-413-220A
	GENERAL MARKET	M3	0-21	C91-1488-05	470u25	C90-5747-05	C90-5746-05	YES	NO	NO	YES	YES	10V	16V	16V	3.15A	STK-413-220A
KRF-V4070D	EUROPE	E1	2-72	C91-1488-05	470u25	C90-5776-05	NO	NO	NO	YES	NO	NO	10V	NO	NO	2.5A	STK-443-070
KRF-V4070D-S	EUROPE	E2															
	AUSTRALIA	X1	0-72	C91-1488-05	470u25	C90-5776-05	NO	NO	NO	NO	NO	NO	10V	NO	NO	2.5A	STK-443-070





KRF-V4070D/V4070D-S (3/5)
KRF-V5070D/V5070D-S (3/5)
KRF-V5570D/V5570D-S (3/5)
KRF-V6070D/V6070D-S (3/5)
VR-705/707/715/716 (3/5)

IC105 : BA05T
IC106 : KIA7812API
IC107 : KIA7912PI
IC206 : NJM4565D
IC301 : ✻
IC401 : ✻
IC607 : NJM2279D

Q113,406 : 2SB1640
Q114,412 : 2SC1740(Q,R) or 2SC2785(F,E)
Q301-306,317,318,701 : 2SC2878(B)
Q307,308,316,319,405, 801,802 : 2SA992(F,E)
Q309-315,401,404, 407-409,800 : 2SC1845(F,E)
Q402 : 2SA1535A
Q403 : 2SC3944A
Q410,411,803 : UN4219 or DTC113ZSA

D113 : RB441Q-40
D114-116,123,124,215, 303,304,309-310,313, 315,323,403,404, 406-408 : 1SS133 or HSS104A
D117 : S1ZB20(4101)
D118 : MTZJ16(B) or HZS16N(B2)
D119,301,302,401,402 : MTZJ15(B) or HZS15N(B2)
D120 : D2SBA20F03
D121,122 : D5SBA20F03
D305,306 : ✻
D307,311,312,314,316 : MTZJ3.9(B) or HZS3.9N(B2)
D319 : ✻
D320 : ✻
D602,603 : MTZJ5.6(B) or HZS5.6N(B2)

SIGNAL LINE
GND LINE
+B LINE
−B LINE

	IC301, 401	J205	J206	J402	J403	K101	Q409	Q701	R124	R125 (1/4W)	R132	R138,139, 440,995,996	R318,319,353, 422,423	R320, 424	R328,329,344, 456,457	R379, 380	R432	R477	R701, 702	T101	W151	W174	W321, 397	W394,395, 405	WH112	WH120
	STK-413-220A	E03-0396-05	NO	NO	YES	S76-0099-05	YES	NO	YES	27	YES	YES	680	33K	10K	1.2K	2.4K	2.2K	NO	L07-2758-05	YES	NO	YES	YES	NO	NO
	STK-413-220A	E03-0396-05	NO	NO	YES	S76-0099-05	YES	NO	YES	27	YES	YES	680	33K	10K	1.2K	2.4K	2.2K	NO	L07-2758-05	YES	YES	YES	YES	NO	YES
	STK-413-220A	E03-0396-05	NO	NO	YES	S76-0099-05	YES	YES	YES	27	YES	YES	680	33K	10K	1.2K	680	1K	YES	L07-2758-05	YES	YES	YES	NO	NO	YES
	STK-413-220A	E03-0398-05	NO	NO	YES	S76-0102-05	YES	NO	NO	1	NO	YES	820	33K	10K	1.5K	3K	2.2K	NO	L07-2758-05	YES	NO	NO	YES	NO	NO
	STK-413-220A	E03-0398-05	NO	NO	YES	S76-0102-05	YES	NO	YES	27	NO	YES	680	33K	10K	1.2K	2.4K	2.2K	NO	L07-2805-05	YES	NO	NO	YES	NO	NO
	STK-413-220A	NO	YES	NO	YES	S76-0102-05	YES	NO	NO	1	NO	YES	680	33K	10K	1.2K	2.4K	2.2K	NO	L07-2758-05	YES	NO	YES	NO	NO	NO
	STK-413-220A	E03-0398-05	NO	NO	YES	S76-0102-05	YES	YES	NO	1	NO	YES	820	33K	10K	1.5K	820	1K	YES	L07-2758-05	YES	YES	NO	NO	NO	YES
	STK-413-220A	E03-0398-05	NO	NO	YES	S76-0102-05	YES	YES	YES	27	NO	YES	680	33K	10K	1.2K	680	1K	YES	L07-2805-05	YES	NO	NO	NO	NO	YES
	STK-413-220A	NO	YES	NO	YES	S76-0102-05	YES	YES	NO	1	NO	YES	680	33K	10K	1.2K	680	1K	YES	L07-2758-05	YES	YES	NO	NO	NO	YES

	IC401	J205	J206	J402, 404	J403	K101	Q409, 701	R124	R125 (1/4W)	R132	R138,139, 995,996	R318,319,353, 422,423	R320, 424	R328,329,344, 456,457	R379, 380	R440,477, 701,702	T101	W151,174, 405	W321, 397	W394, 395	WH112	WH120
	STK-412-220A	E03-0396-05	NO	YES	NO	S76-0099-05	NO	YES	27	YES	YES	680	33K	10K	1.2K	NO	L07-2758-05	NO	YES	YES	YES	NO
	STK-412-220A	E03-0398-05	NO	YES	NO	S76-0102-05	NO	NO	1	NO	YES	820	33K	10K	1.5K	NO	L07-2758-05	NO	NO	YES	YES	NO
	STK-412-220A	E03-0398-05	NO	YES	NO	S76-0102-05	NO	YES	27	NO	YES	680	33K	10K	1.2K	NO	L07-2805-05	NO	NO	YES	YES	NO
	STK-412-220A	NO	YES	YES	NO	S76-0102-05	NO	NO	1	NO	YES	680	33K	10K	1.2K	NO	L07-2758-05	NO	NO	YES	YES	NO
	STK-412-220A	E03-0398-05	NO	YES	NO	S76-0102-05	NO	NO	1	NO	YES	820	33K	10K	1.5K	NO	L07-2758-05	NO	NO	YES	YES	NO
	STK-412-220A	E03-0398-05	NO	YES	NO	S76-0102-05	NO	YES	27	NO	YES	680	33K	10K	1.2K	NO	L07-2805-05	NO	NO	YES	YES	NO
	STK-442-070	E03-0398-05	NO	YES	NO	S76-0102-05	NO	NO	1	NO	NO	820	10K	22K	1.5K	NO	L07-2758-05	NO	NO	YES	YES	NO
	STK-442-070	NO	YES	YES	NO	S76-0102-05	NO	NO	1	NO	NO	680	10K	22K	1.2K	NO	L07-2758-05	NO	NO	YES	YES	NO

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ 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.

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Y05-4640-70

KRF-V4070D/V5070D/V6070D/VR-705/707/715/716

KENWOOD

(X09-6740-10)

MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.	Ⓓ	C245, 246	C300, 339-343	C701-704	J203	R239, 240	R247, 248	R251,252, 255,256	R990, 991	W104
VR-705	U.S.A.	K1	0-10	NO	YES	NO	NO	E63-1301-05	YES	47K	47K	220K	YES
	CANADA	P1											
KRF-V5070D-S	EUROPE	E4	2-71	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	100K	YES
	GENERAL MARKET	M4	0-21	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	220K	YES
KRF-V5070D	AUSTRALIA	X4	0-71	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	220K	YES
	EUROPE	E3	2-71	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	100K	YES
	GENERAL MARKET	M3	0-21	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	220K	YES
KRF-V4070D	EUROPE	E1	2-72	NO	YES	NO	NO	E63-1301-05	YES	47K	47K	220K	YES
KRF-V4070D-S	EUROPE	E2											
	AUSTRALIA	X2	0-72	NO	YES	NO	NO	E63-1301-05	YES	47K	47K	220K	YES

(X09-6750-10)

MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.	Ⓓ	C245, 246	C300, 339-343	C701-704	J203	R239, 240	R247, 248	R251,252, 255,256	R990, 991	W104
VR-715	U.S.A.	K3	0-10	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	220K	YES
	CANADA	P3											
VR-716	U.S.A.	K4	0-11	YES	NO	YES	NO	E63-1321-05	NO	15K	22K	220K	YES
	CANADA	P4											
VR-707	U.S.A.	K2	0-12	YES	NO	YES	YES	E63-1321-05	NO	15K	22K	220K	NO
	CANADA	P2											
KRF-V5570D-S	EUROPE	E6	2-71	NO	YES	NO	NO	E63-1301-05	YES	47K	47K	220K	YES
	GENERAL MARKET	M6	0-21	NO	YES	NO	NO	E63-1301-05	YES	47K	47K	220K	YES
	AUSTRALIA	X6	0~71	NO	YES	NO	NO	E63-1301-05	YES	47K	47K	220K	YES
KRF-V5570D	AUSTRALIA	X5											
	EUROPE	E7,8	2-72	YES	NO	YES	YES	E63-1321-05	NO	15K	22K	100K	NO
KRF-V6070D(E7,M7,X7) KRF-V6070D-S(E8,M8,X8)	GENERAL MARKET	M7,8	0-22	YES	NO	YES	YES	E63-1321-05	NO	15K	22K	220K	NO
	AUSTRALIA	X7,8	0-72	YES	NO	YES	YES	E63-1321-05	NO	15K	22K	220K	NO

IC101 : BU1923
IC201 : NJM4580L-D
IC202 : M61516FP

Q201 : 2SC1845(F,E)
Q203 : 2SA992(F,E)

D201,203 : MTZJ6.8(B) or HZS6.8N(B2)
D202 : MTZJ5.1(B) or HZS5.1N(B2)
D317,318 : 1SS133 or HSS104A

DIGITAL LINE
RECORDING LINE
SIGNAL LINE
GND LINE
+B LINE
−B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ 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.

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KRF-V4070D/V4070D-S (4/5)
KRF-V5070D/V5070D-S (4/5)
KRF-V5570D/V5570D-S (4/5)
KRF-V6070D/V6070D-S (4/5)
VR-705/707/715/716 (4/5)

Y05-4640-70

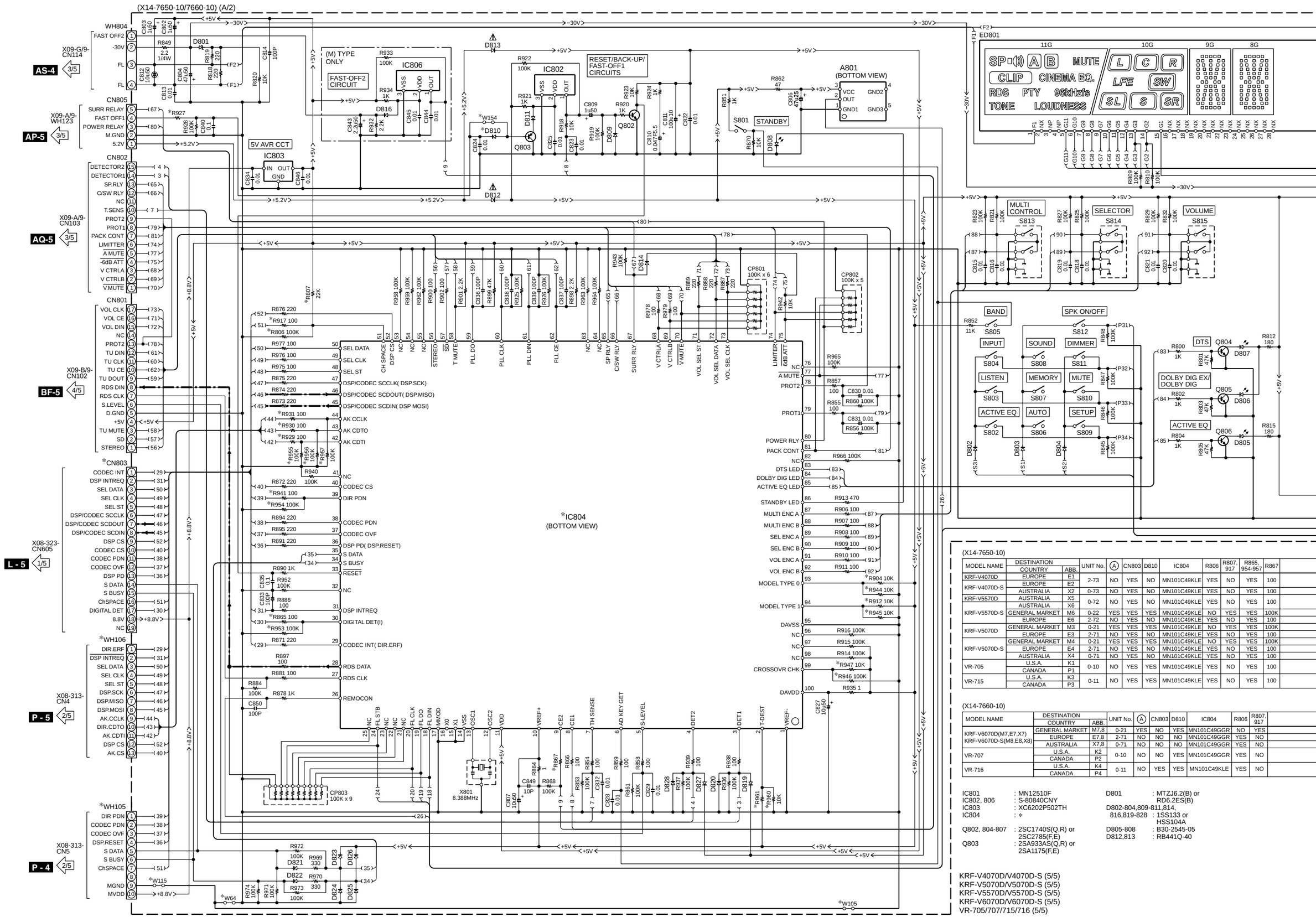
KRF-V4070D/V5070D/V6070D/VR-705/707/715/716

KENWOOD

BI | BJ | BK | BL | BM | BN | BO | BP | BQ | BR

1 2 3 4 5 6 7

(X14-7650-10/7660-10) (A/2)



(X14-7650-10)

MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.	Ⓐ	CN803	D810	IC804	R806	R807, 917	R865, 954-957	R867
KRF-V4070D	EUROPE	E1	2-73	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
KRF-V4070D-S	EUROPE	E2									
	AUSTRALIA	X2	0-73	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
KRF-V5570D	AUSTRALIA	X5	0-72	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
	AUSTRALIA	X6									
KRF-V5570D-S	GENERAL MARKET	M6	0-22	YES	YES	YES	MN101C49KLE	NO	YES	YES	100K
	EUROPE	E6	2-72	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
KRF-V5070D	GENERAL MARKET	M3	0-21	YES	YES	YES	MN101C49KLE	NO	YES	YES	100K
	EUROPE	E3	2-71	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
KRF-V5070D-S	GENERAL MARKET	M4	0-21	YES	YES	YES	MN101C49KLE	NO	YES	YES	100K
	EUROPE	E4	2-71	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
	AUSTRALIA	X4	0-71	NO	YES	NO	MN101C49KLE	YES	NO	YES	100
VR-705	U.S.A.	K1	0-10	NO	YES	YES	MN101C49KLE	YES	NO	YES	100
	CANADA	P1									
VR-715	U.S.A.	K3	0-11	NO	YES	YES	MN101C49KLE	YES	NO	YES	100
	CANADA	P3									

(X14-7660-10)

MODEL NAME	DESTINATION COUNTRY	ABB.	UNIT No.	Ⓐ	CN803	D810	IC804	R806	R807, 917
KRF-V6070D(M7,E7,X7)	GENERAL MARKET	M7,8	0-21	YES	NO	YES	MN101C49GGR	NO	YES
KRF-V6070D-S(M8,E8,X8)	EUROPE	E7,8	2-71	NO	NO	NO	MN101C49GGR	YES	NO
	AUSTRALIA	X7,8	0-71	NO	NO	NO	MN101C49GGR	YES	NO
VR-707	U.S.A.	K2	0-10	NO	NO	YES	MN101C49GGR	YES	NO
	CANADA	P2							
VR-716	U.S.A.	K4	0-11	NO	YES	YES	MN101C49KLE	YES	NO
	CANADA	P4							

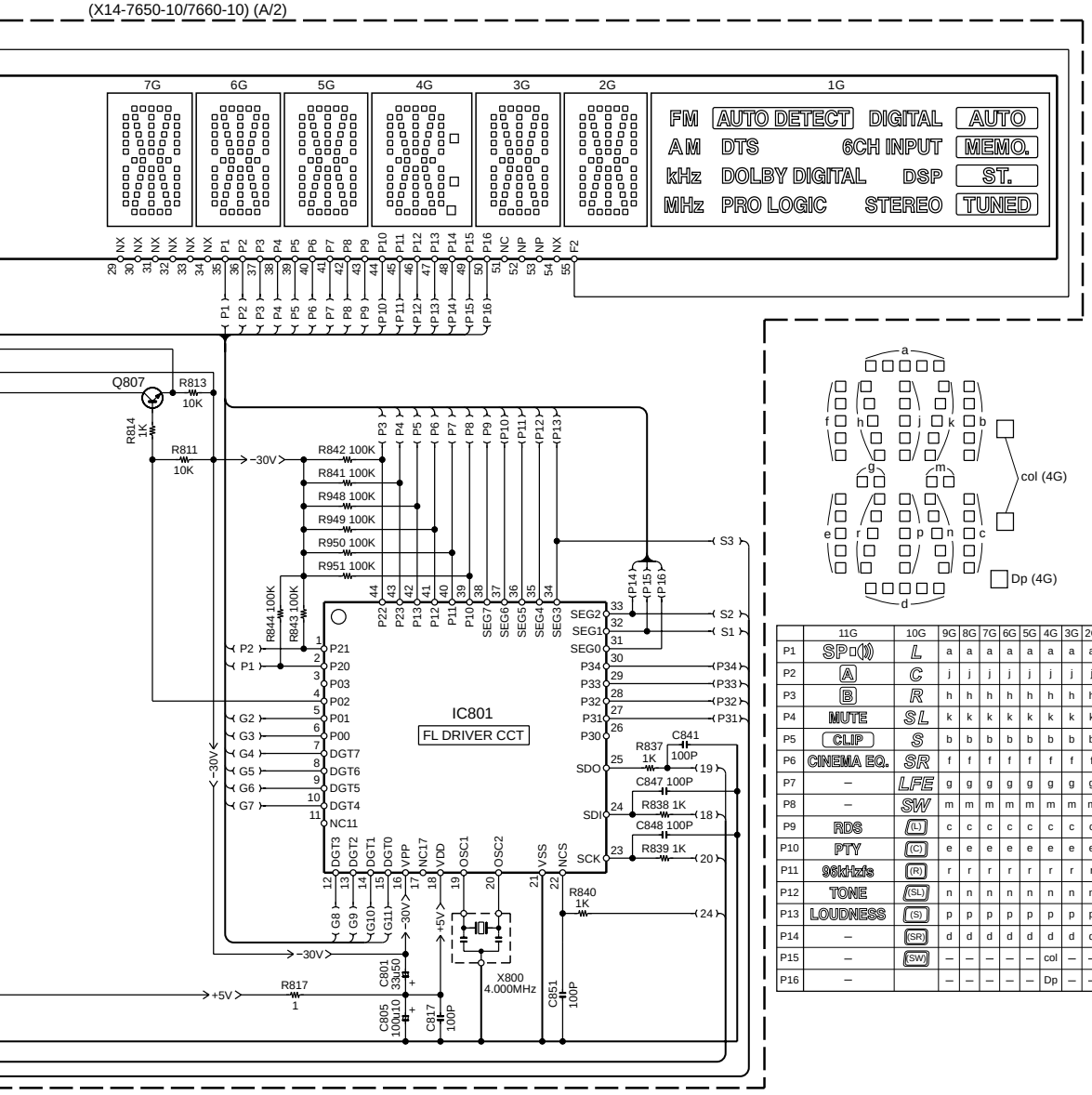
IC801 : MN12510F
IC802, 806 : S-80840CNY
IC803 : XC6202P502TH
IC804 : *

Q802, 804-807 : 2SC1740S(Q,R) or 2SC2785(F,E)
Q803 : 2SA933AS(Q,R) or 2SA1175(F,E)

D801 : MTZJ6.2(B) or RD6.2ES(B)
D802-804,809-811,814, 816,819-828 : 1SS133 or HSS104A
D805-808 : B30-2545-05
D812,813 : RB441Q-40

KRF-V4070D/V4070D-S (5/5)
KRF-V5070D/V5070D-S (5/5)
KRF-V5570D/V5570D-S (5/5)
KRF-V6070D/V6070D-S (5/5)
VR-705/707/715/716 (5/5)

(X14-7650-10/7660-10) (A/2)



	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	SP	L	a	a	a	a	a	a	a	a	FM
P2	A	C	j	j	j	j	j	j	j	j	AM
P3	B	R	h	h	h	h	h	h	h	h	MHz
P4	MUTE	SL	k	k	k	k	k	k	k	k	kHz
P5	CLIP	S	b	b	b	b	b	b	b	b	AUTO
P6	CINEMA EQ.	SR	f	f	f	f	f	f	f	f	MEMO.
P7	–	LFE	g	g	g	g	g	g	g	g	ST.
P8	–	SW	m	m	m	m	m	m	m	m	TUNED
P9	RDS	(L)	c	c	c	c	c	c	c	c	AUTO DETECT
P10	PTY	(C)	e	e	e	e	e	e	e	e	DTS
P11	96kHz/s	(R)	r	r	r	r	r	r	r	r	DOLBY DIGITAL
P12	TONE	(SL)	n	n	n	n	n	n	n	n	PRO LOGIC
P13	LOUDNESS	(S)	p	p	p	p	p	p	p	p	DIGITAL
P14	–	(SR)	d	d	d	d	d	d	d	d	6CH INPUT
P15	–	(SW)	–	–	–	–	–	col	–	–	DSP
P16	–		–	–	–	–	–	Dp	–	–	STEREO

	R904	R912	R927	R929-931, 941,953	R944	R945	R946	R947	R960	R961	W64	W105, 115	W154	WH105, 106
	YES	NO	150K	NO	NO	YES	YES	NO	NO	10K	YES	NO	YES	NO
	YES	NO	160K	NO	NO	YES	YES	NO	YES	30K	YES	NO	YES	NO
	NO	NO	160K	NO	YES	YES	YES	NO	YES	30K	YES	NO	YES	NO
	NO	NO	62K	NO	YES	YES	YES	NO	YES	10K	YES	NO	NO	NO
	NO	NO	150K	NO	YES	YES	YES	NO	NO	10K	YES	NO	YES	NO
	YES	YES	62K	NO	NO	NO	YES	NO	YES	10K	YES	NO	NO	NO
	YES	YES	150K	NO	NO	NO	YES	NO	NO	10K	YES	NO	YES	NO
	YES	YES	62K	NO	NO	NO	YES	NO	YES	10K	YES	NO	NO	NO
	YES	YES	150K	NO	NO	NO	YES	NO	NO	10K	YES	NO	YES	NO
	YES	YES	160K	NO	NO	NO	YES	NO	YES	30K	YES	NO	YES	NO
	YES	YES	56K	NO	NO	NO	YES	NO	YES	NO	YES	NO	NO	NO
	NO	NO	56K	NO	YES	YES	NO	YES	YES	NO	YES	NO	NO	NO

	R865, 954-957	R867	R904	R912	R927	R929-931, 941,953	R944	R945	R946	R947	R960	R961	W64	W105, 115	W154	WH105, 106
	NO	100K	NO	NO	62K	YES	YES	YES	YES	NO	YES	10K	NO	YES	NO	YES
	NO	100	NO	NO	150K	YES	YES	YES	YES	NO	NO	10K	NO	YES	YES	YES
	NO	100	NO	NO	160K	YES	YES	YES	YES	NO	YES	30K	NO	YES	YES	YES
	NO	100	NO	NO	56K	YES	YES	YES	NO	YES	YES	NO	NO	YES	NO	YES
	YES	100	NO	YES	56K	NO	YES	NO	NO	YES	YES	NO	NO	YES	NO	NO

DIGITAL LINE
GND LINE
+B LINE
−B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ 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.

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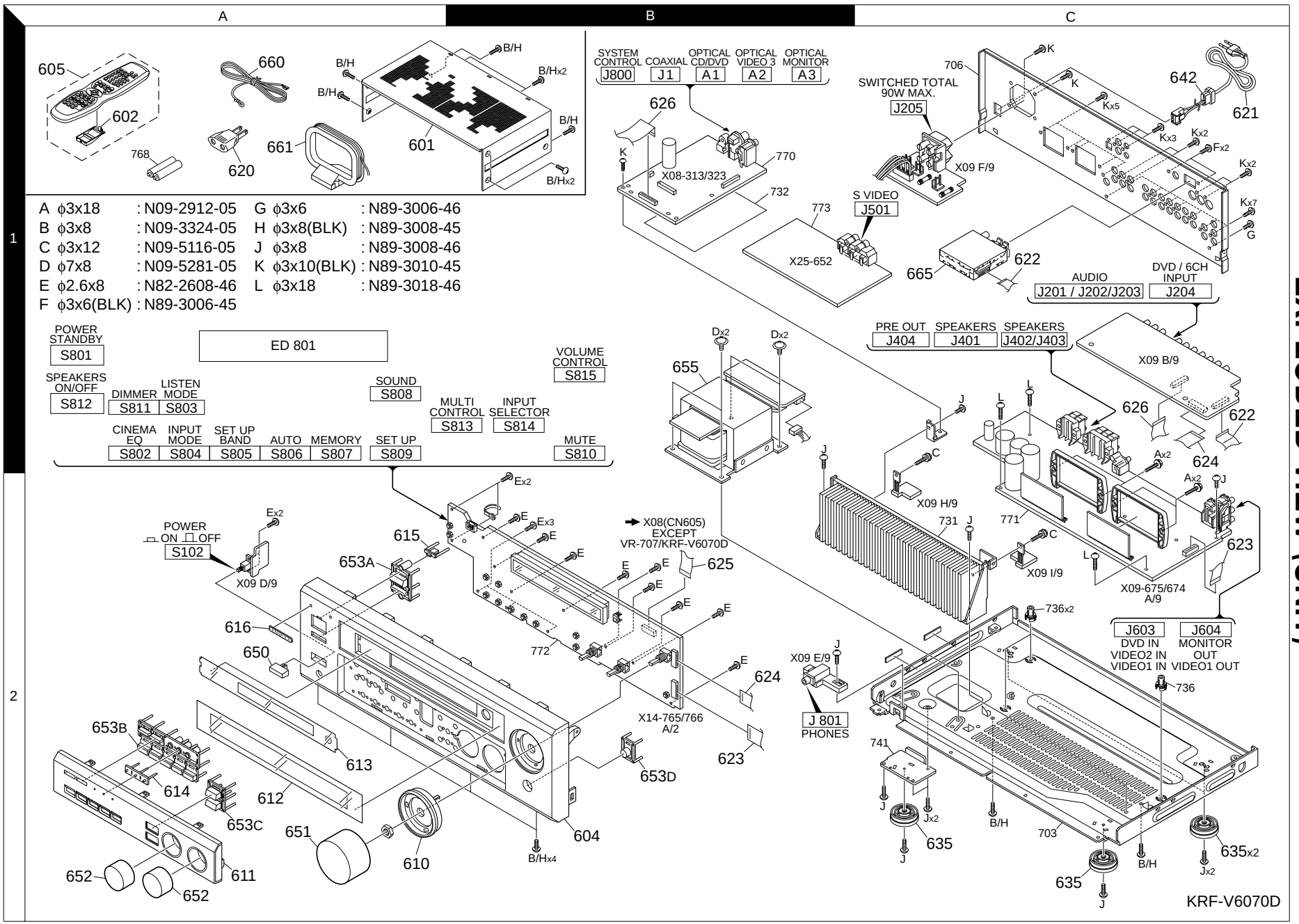
EXPLODED VIEW (UNIT)



Parts with exploded numbers larger than 700 are not supplied.

✻ New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

❶

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
MISCELLANEOUS						
601	1A		A01-3844-01	METALLIC CABINET	E1	
601	1A		A01-3844-01	METALLIC CABINET	E3	
601	1A		A01-3844-01	METALLIC CABINET	K1P1M3	
601	1A		A01-3844-01	METALLIC CABINET	K3P3X5	
601	1A		A01-3844-01	METALLIC CABINET	K4P4	
601	1A		A01-3848-01	METALLIC CABINET	M4X4E4	
601	1A		A01-3848-01	METALLIC CABINET	M6X6E6	
601	1A		A01-3848-01	METALLIC CABINET	X2E2	
601	1A	✻	A01-3885-01	METALLIC CABINET	7	
601	1A		A01-3892-01	METALLIC CABINET	K5P5	
601	1A	✻	A01-3892-01	METALLIC CABINET	K6P6	
602	1A		A09-1178-08	BATTERY COVER	K3P3M6	
602	1A		A09-1178-08	BATTERY COVER	K6P6	
602	1A		A09-1178-08	BATTERY COVER	X5X6E6	
602	1A		A09-1178-08	BATTERY COVER	45K5P5	
602	1A		A09-1274-08	BATTERY COVER	K4P4	
602	1A		A09-1274-08	BATTERY COVER	7	
604	2B		A60-2186-11	PANEL	K1K2K3	
604	2B		A60-2186-11	PANEL	K4P1P2	
604	2B		A60-2186-11	PANEL	P3P4	
604	2B	✻	A60-2190-21	PANEL	E1	
604	2B	✻	A60-2190-21	PANEL	M3E3	
604	2B	✻	A60-2190-21	PANEL	M7X7E7	
604	2B	✻	A60-2190-21	PANEL	X5	
604	2B		A60-2191-11	PANEL	M4X4E4	
604	2B		A60-2191-11	PANEL	M6X6E6	
604	2B		A60-2191-11	PANEL	M8X8E8	
604	2B		A60-2191-11	PANEL	X2E2	
604	2B	✻	A60-2335-01	PANEL	K5P5	
604	2B	✻	A60-2335-01	PANEL	K6P6	
605	1A	✻	A70-1611-05	REMOTE CONTROLLER ASSY	K3P3	
605	1A	✻	A70-1611-05	REMOTE CONTROLLER ASSY	K5P5	
605	1A	✻	A70-1611-05	REMOTE CONTROLLER ASSY	M3M4X4	
605	1A	✻	A70-1612-05	REMOTE CONTROLLER ASSY	K1P1	
605	1A	✻	A70-1612-05	REMOTE CONTROLLER ASSY	K6P6	
605	1A	✻	A70-1612-05	REMOTE CONTROLLER ASSY	M6X5X6	
605	1A	✻	A70-1612-05	REMOTE CONTROLLER ASSY	X2	
605	1A	✻	A70-1613-05	REMOTE CONTROLLER ASSY	E3E4	
605	1A	✻	A70-1614-05	REMOTE CONTROLLER ASSY	E1E2	
605	1A	✻	A70-1614-05	REMOTE CONTROLLER ASSY	E6	
605	1A	✻	A70-1617-05	REMOTE CONTROLLER ASSY	K2P2M7	
605	1A	✻	A70-1617-05	REMOTE CONTROLLER ASSY	K4P4	
605	1A	✻	A70-1617-05	REMOTE CONTROLLER ASSY	M8X7X8	
605	1A	✻	A70-1618-05	REMOTE CONTROLLER ASSY	E7E8	
-		✻	B60-5330-00	INSTRUCTION MANUAL(EN)	K2P2M7	
-		✻	B60-5330-00	INSTRUCTION MANUAL(EN)	M8X7X8	
-		✻	B60-5331-00	INSTRUCTION MANUAL(FR)	P2	
-		✻	B60-5332-00	INSTRUCTION MANUAL(N/S/F/G/I)	E7E8	
-		✻	B60-5333-00	INSTRUCTION MANUAL(ES/TC)	M8	
-		✻	B60-5335-00	INSTRUCTION MANUAL(EN)	K4P4	
-		✻	B60-5336-00	INSTRUCTION MANUAL(FR)	P4	
-		✻	B60-5337-00	INSTRUCTION MANUAL(EN)	K1P1M3	
-		✻	B60-5337-00	INSTRUCTION MANUAL(EN)	K3P3M6	

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❷

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
-		✻	B60-5337-00	INSTRUCTION MANUAL(EN)	K5P5	
-		✻	B60-5337-00	INSTRUCTION MANUAL(EN)	K6P6	
-		✻	B60-5337-00	INSTRUCTION MANUAL(EN)	X2X4M4	
-		✻	B60-5337-00	INSTRUCTION MANUAL(EN)	X5X6	
-		✻	B60-5338-00	INSTRUCTION MANUAL(FR)	P1P3P5	
-		✻	B60-5338-00	INSTRUCTION MANUAL(FR)	P6	
-		✻	B60-5339-00	INSTRUCTION MANUAL(N/S/F/G/I)	E1E2	
-		✻	B60-5339-00	INSTRUCTION MANUAL(N/S/F/G/I)	E3E4	
-		✻	B60-5339-00	INSTRUCTION MANUAL(N/S/F/G/I)	E6	
-		✻	B60-5340-00	INSTRUCTION MANUAL(ES/TC)	M4M6	
610	2A		B07-2606-03	ESCUTCHEON	E1	
610	2A		B07-2606-03	ESCUTCHEON	E3	
610	2A		B07-2606-03	ESCUTCHEON	K1P1M3	
610	2A		B07-2606-03	ESCUTCHEON	K2P2M7	
610	2A		B07-2606-03	ESCUTCHEON	K3P3X5	
610	2A		B07-2606-03	ESCUTCHEON	K4P4	
610	2A		B07-2606-03	ESCUTCHEON	X7E7	
610	2A		B07-2607-03	ESCUTCHEON	K5P5	
610	2A		B07-2607-03	ESCUTCHEON	K6P6	
610	2A		B07-2607-03	ESCUTCHEON	M4X4E4	
610	2A		B07-2607-03	ESCUTCHEON	M6X6E6	
610	2A		B07-2607-03	ESCUTCHEON	M8X8E8	
610	2A		B07-2607-03	ESCUTCHEON	X2E2	
611	2A	✻	B07-2659-01	ESCUTCHEON	K2P2M7	
611	2A	✻	B07-2659-01	ESCUTCHEON	X7E7	
611	2A	✻	B07-2660-01	ESCUTCHEON	M8X8E8	
611	2A	✻	B07-2662-01	ESCUTCHEON	E1	
611	2A	✻	B07-2662-01	ESCUTCHEON	E3	
611	2A	✻	B07-2662-01	ESCUTCHEON	K1P1M3	
611	2A	✻	B07-2662-01	ESCUTCHEON	K3P3X5	
611	2A	✻	B07-2662-01	ESCUTCHEON	K4P4	
611	2A	✻	B07-2663-01	ESCUTCHEON	K5P5	
611	2A	✻	B07-2663-01	ESCUTCHEON	K6P6	
611	2A	✻	B07-2663-01	ESCUTCHEON	M4X4E4	
611	2A	✻	B07-2663-01	ESCUTCHEON	M6X6E6	
611	2A	✻	B07-2663-01	ESCUTCHEON	X2E2	
612	2A	✻	B10-3906-02	FRONT GLASS	K2P2	
612	2A	✻	B10-3907-02	FRONT GLASS	M7M8X7	
612	2A	✻	B10-3907-02	FRONT GLASS	X8	
612	2A	✻	B10-3908-02	FRONT GLASS	E7E8	
612	2A	✻	B10-3909-02	FRONT GLASS	K1P1	
612	2A	✻	B10-3909-02	FRONT GLASS	K6P6	
612	2A	✻	B10-3910-02	FRONT GLASS	M3M4X4	
612	2A	✻	B10-3911-02	FRONT GLASS	E3E4	
612	2A	✻	B10-3912-02	FRONT GLASS	E1E2	
612	2A	✻	B10-3913-02	FRONT GLASS	X2	
612	2A	✻	B10-3914-02	FRONT GLASS	K3P3	
612	2A	✻	B10-3914-02	FRONT GLASS	K5P5	
612	2A	✻	B10-3915-02	FRONT GLASS	M6X5X6	
612	2A	✻	B10-3916-02	FRONT GLASS	E6	
612	2A	✻	B10-3917-02	FRONT GLASS	K4P4	
613	2A	✻	B11-1568-03	COLOR FILTER		
614	2A		B12-0448-04	INDICATOR		
615	2A		B12-0465-04	INDICATOR		
616	2A		B43-0314-04	KENWOOD BADGE		

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❸

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
⚠ 620	1A		E03-0115-05	AC PLUG ADAPTER	M	
⚠ 621	1C		E30-2717-05	AC POWER CORD	X	
⚠ 621	1C		E30-2941-05	AC POWER CORD	KP	
⚠ 621	1C		E30-2942-05	AC POWER CORD	EM	
622	1C		E35-2643-05	FLAT CABLE 15P,120		
623	2B,2C		E35-2792-05	FLAT CABLE 15P,220		
624	2B,1C		E35-3306-15	FLAT CABLE 17P,260		
625	2B	✻	E35-3468-05	FLAT CABLE 19P,588	456	
626	1B,1C	✻	E35-3469-05	FLAT CABLE 21P,258	456	
626	1B,1C	✻	E35-3470-05	FLAT CABLE	7	
-			H10-7804-01	POLYSTYRENE FOAMED FIXTURE		
-			H10-7805-01	POLYSTYRENE FOAMED FIXTURE		
-			H10-7858-04	POLYSTYRENE FOAMED FIXTURE	K4P4	
-			H10-7858-04	POLYSTYRENE FOAMED FIXTURE	7	
-		✻	H12-3625-04	PACKING FIXTURE	K4P4	
-		✻	H12-3625-04	PACKING FIXTURE	7	
-			H21-1515-04	PROTECTION SHEET	456	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
-			H25-0391-04	PROTECTION BAG		
-		✻	H50-4731-04	ITEM CARTON CASE	K2P2	
-		✻	H50-4732-04	ITEM CARTON CASE	M7	
-		✻	H50-4733-04	ITEM CARTON CASE	M8	
-		✻	H50-4734-04	ITEM CARTON CASE	X7	
-		✻	H50-4735-04	ITEM CARTON CASE	X8	
-		✻	H50-4736-04	ITEM CARTON CASE	E7	
-		✻	H50-4737-04	ITEM CARTON CASE	E8	
-		✻	H50-4738-04	ITEM CARTON CASE	K1P1	
-		✻	H50-4739-04	ITEM CARTON CASE	M3	
-		✻	H50-4740-04	ITEM CARTON CASE	M4	
-		✻	H50-4741-04	ITEM CARTON CASE	X4	
-		✻	H50-4742-04	ITEM CARTON CASE	E3	
-		✻	H50-4743-04	ITEM CARTON CASE	E4	
-		✻	H50-4744-04	ITEM CARTON CASE	E1	
-		✻	H50-4745-04	ITEM CARTON CASE	E2	
-		✻	H50-4746-04	ITEM CARTON CASE	X2	
-		✻	H50-4747-04	ITEM CARTON CASE	K3P3	
-		✻	H50-4748-04	ITEM CARTON CASE	M6	
-		✻	H50-4749-04	ITEM CARTON CASE	X5	
-		✻	H50-4750-04	ITEM CARTON CASE	X6	
-		✻	H50-4751-04	ITEM CARTON CASE	E6	
-		✻	H50-4752-04	ITEM CARTON CASE	K4P4	
-		✻	H50-4781-04	ITEM CARTON CASE	K6P6	
-		✻	H50-4782-04	ITEM CARTON CASE	K5P5	
-			J61-0307-05	WIRE BAND		
635	2C		J02-1464-03	FOOT		
⚠ 642	1C		J42-0349-05	POWER CORD BUSHING		
650	2A		K27-2384-04	KNOB (BUTTON)	E1	
650	2A		K27-2384-04	KNOB (BUTTON)	M3E3	
650	2A		K27-2384-04	KNOB (BUTTON)	M7X7E7	
650	2A		K27-2384-04	KNOB (BUTTON)	X5	
650	2A		K27-2481-04	KNOB (BUTTON)	M4X4E4	
650	2A		K27-2481-04	KNOB (BUTTON)	M6X6E6	
650	2A		K27-2481-04	KNOB (BUTTON)	M8X8E8	
650	2A		K27-2481-04	KNOB (BUTTON)	X2E2	

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
651	2A		K29-8103-04	KNOB	E1	
651	2A		K29-8103-04	KNOB	E3	
651	2A		K29-8103-04	KNOB	K1P1M3	
651	2A		K29-8103-04	KNOB	K2P2M7	
651	2A		K29-8103-04	KNOB	K3P3X5	
651	2A		K29-8103-04	KNOB	K4P4	
651	2A		K29-8103-04	KNOB	X7E7	
651	2A		K29-8104-04	KNOB	K5P5	
651	2A		K29-8104-04	KNOB	K6P6	
651	2A		K29-8104-04	KNOB	M4X4E4	
651	2A		K29-8104-04	KNOB	M6X6E6	
651	2A		K29-8104-04	KNOB	M8X8E8	
651	2A		K29-8104-04	KNOB	X2E2	
652	2A		K29-8105-04	KNOB	E1	
652	2A		K29-8105-04	KNOB	E3	
652	2A		K29-8105-04	KNOB	K1P1M3	
652	2A		K29-8105-04	KNOB	K2P2M7	
652	2A		K29-8105-04	KNOB	K3P3X5	
652	2A		K29-8105-04	KNOB	K4P4	
652	2A		K29-8105-04	KNOB	X7E7	
652	2A		K29-8106-04	KNOB	K5P5	
652	2A		K29-8106-04	KNOB	K6P6	
652	2A		K29-8106-04	KNOB	M4X4E4	
652	2A		K29-8106-04	KNOB	M6X6E6	
652	2A		K29-8106-04	KNOB	M8X8E8	
652	2A		K29-8106-04	KNOB	X2E2	
653	2A,2B		K29-8117-01	KNOB	E1	
653	2A,2B		K29-8117-01	KNOB	E3	
653	2A,2B		K29-8117-01	KNOB	K1P1M3	
653	2A,2B		K29-8117-01	KNOB	K2P2M7	
653	2A,2B		K29-8117-01	KNOB	K3P3X5	
653	2A,2B		K29-8117-01	KNOB	K4P4	
653	2A,2B		K29-8117-01	KNOB	X7E7	
653	2A,2B		K29-8119-01	KNOB	K5P5	
653	2A,2B		K29-8119-01	KNOB	K6P6	
653	2A,2B		K29-8119-01	KNOB	M4X4E4	
653	2A,2B		K29-8119-01	KNOB	M6X6E6	
653	2A,2B		K29-8119-01	KNOB	M8X8E8	
653	2A,2B		K29-8119-01	KNOB	X2E2	
⚠ 655	1B		L07-2922-05	POWER TRANSFORMER	KP	
⚠ 655	1B		L07-2923-05	POWER TRANSFORMER	M	
⚠ 655	1B		L07-2924-05	POWER TRANSFORMER	X4	
⚠ 655	1B		L07-2924-05	POWER TRANSFORMER	X5X6	
⚠ 655	1B		L07-2924-05	POWER TRANSFORMER	X7X8	
⚠ 655	1B		L07-3167-15	POWER TRANSFORMER	E1E2	
⚠ 655	1B		L07-3169-15	POWER TRANSFORMER	X2	
⚠ 655	1B		L07-3210-05	POWER TRANSFORMER	E3E4	
⚠ 655	1B		L07-3210-05	POWER TRANSFORMER	E6	
⚠ 655	1B		L07-3210-05	POWER TRANSFORMER	E7E8	
660	1A		T90-0877-05	LEAD WIRE ANTENNA		
661	1A		T90-0893-05	LOOP ANTENNA		
665	1C	✻	W02-2970-05	TUNER ASSY	KP	
665	1C	✻	W02-2971-05	TUNER ASSY	MX	
665	1C	✻	W02-2972-05	TUNER ASSY	E	

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(X08-3130-14) KRF-V6070D/VR-707								
C1 ,2			CK73GB1H472K	CHIP C	4700PF	K		
C3 ,4			CC73GCH1H220J	CHIP C	22PF	J		
C5			CE04KW1E470M	ELECTRO	47UF	25WV		
C8 ,9			CC73GCH1H270J	CHIP C	27PF	J		
C10			CK73GB1H102K	CHIP C	1000PF	K		
C11			CK73FB1E104K	CHIP C	0.10UF	K		
C12			CK73GB1H102K	CHIP C	1000PF	K		
C15			CC73GCH1H330J	CHIP C	33PF	J		
C16			CK73GB1H102K	CHIP C	1000PF	K		
C17			CC73GCH1H330J	CHIP C	33PF	J		
C18			CC73GCH1H220J	CHIP C	22PF	J		
C19			CC73GCH1H330J	CHIP C	33PF	J		
C20			CK73GB1H103K	CHIP C	0.010UF	K		
C30			CK73FB1E104K	CHIP C	0.10UF	K		
C31			CE04RW1C4R7M	ELECTRO	4.7UF	16WV		
C32			CK73FB1E104K	CHIP C	0.10UF	K		
C33			CE04KW1H100M	ELECTRO	10UF	50WV		
C34			CE04KW1H220M	ELECTRO	22UF	50WV		
C35			CK73FB1E104K	CHIP C	0.10UF	K		
C36 ,37			CC73GCH1H180J	CHIP C	18PF	J		
C38			CC73GCH1H330J	CHIP C	33PF	J		
C39			CK73GB1H103K	CHIP C	0.010UF	K		
C101,102			CE04KW1H100M	ELECTRO	10UF	50WV		
C103-106			CK73GB1H182K	CHIP C	1800PF	K		
C107			CC73GCH1H101J	CHIP C	100PF	J		
C108			CK73GB1H472K	CHIP C	4700PF	K		
C121			CC73GCH1H102J	CHIP C	1000PF	J		
C122			CC73GCH1H101J	CHIP C	100PF	J		
C123,124			CC73GCH1H220J	CHIP C	22PF	J		
C125			CK73GB1H103K	CHIP C	0.010UF	K		
C126			CC73GCH1H101J	CHIP C	100PF	J		
C127,128			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C153,154			C91-1597-05	CERAMIC	4.7UF	Z		
C201,202			CE04KW1H100M	ELECTRO	10UF	50WV		
C203,204			CK73GB1H222K	CHIP C	2200PF	K		
C205,206			CK73GB1H821K	CHIP C	820PF	K		
C207			CC73GCH1H101J	CHIP C	100PF	J		
C208			CK73GB1H472K	CHIP C	4700PF	K		
C209,210			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C301,302			CE04KW1H100M	ELECTRO	10UF	50WV		
C303-306			CK73GB1H182K	CHIP C	1800PF	K		
C307			CC73GCH1H101J	CHIP C	100PF	J		
C308			CK73GB1H472K	CHIP C	4700PF	K		
C309,310			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C401,402			CE04KW1H100M	ELECTRO	10UF	50WV		
C403			CK73GB1H182K	CHIP C	1800PF	K		
C404			CK73GB1H822K	CHIP C	8200PF	K		
C405			CK73GB1H182K	CHIP C	1800PF	K		
C406			CK73GB1H822K	CHIP C	8200PF	K		
C407			CC73GCH1H101J	CHIP C	100PF	J		
C408			CK73GB1H103K	CHIP C	0.010UF	K		
C409,410			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C500-513			CK73FB1E104K	CHIP C	0.10UF	K		
C514			CC73GCH1H470J	CHIP C	47PF	J		

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C515			CE04KW1A471M	ELECTRO	470UF	10WV		
C600-603			CK73FB1E104K	CHIP C	0.10UF	K		
C800,801			CC73GCH1H221J	CHIP C	220PF	J		
C802			CK73GB1H103K	CHIP C	0.010UF	K		
C803			CK73FB1H103K	CHIP C	0.010UF	K		
C900			CE04KW1C472M	ELECTRO	4700UF	16WV		
C901			CK73FB1E104K	CHIP C	0.10UF	K		
C908			CK73FF1C225Z	CHIP C	2.2UF	Z		
C909			CK73FB1E104K	CHIP C	0.10UF	K		
C910			CE04KW1A101M	ELECTRO	100UF	10WV		
C911			CK73FB1E104K	CHIP C	0.10UF	K		
C912			CC73GCH1H390J	CHIP C	39PF	J		
C913			CK73FB1E104K	CHIP C	0.10UF	K		
C914			CK73FB1H103K	CHIP C	0.010UF	K		
C920			CE04KW1A101M	ELECTRO	100UF	10WV		
C921			CK73FB1E104K	CHIP C	0.10UF	K		
C922			CC73GCH1H470J	CHIP C	47PF	J		
C923			CK73FB1E104K	CHIP C	0.10UF	K		
C930			CE04KW1A101M	ELECTRO	100UF	10WV		
C931			CK73FB1E104K	CHIP C	0.10UF	K		
C932			CC73GCH1H100D	CHIP C	10PF	D		
C933			CK73FB1E104K	CHIP C	0.10UF	K		
CN3			E40-8484-05	FLAT CABLE CONNECTOR				
J1			E63-1080-05	PIN JACK				
J800			E11-0293-05	MINIATURE PHONE JACK(2P)				
L1 ,2			L92-0510-05	CHIP FERRITE				
X1			L77-2296-05	CRYSTAL RESONATOR(12.288MHZ)				
CP51,52			R90-0714-05	MULTI-COMP	10K X4			
CP600-604			R90-0728-05	MULTI-COMP	180 X4			
R1			RK73GB1J471J	CHIP R	470	J 1/16W		
⚠ R6			R92-1946-05	METAL GLAZE	4.7	J 1/4W		
R7			RK73GB1J820J	CHIP R	82	J 1/16W		
R8			RK73GB1J821J	CHIP R	820	J 1/16W		
R9			RK73GB1J105J	CHIP R	1.0M	J 1/16W		
R10			RK73GB1J221J	CHIP R	220	J 1/16W		
R11			RK73GB1J183J	CHIP R	18K	J 1/16W		
R14 ,15			RK73GB1J330J	CHIP R	33	J 1/16W		
R16 -19			RK73GB1J220J	CHIP R	22	J 1/16W		
R20			RK73GB1J221J	CHIP R	220	J 1/16W		
R21			RK73GB1J220J	CHIP R	22	J 1/16W		
R22			RK73GB1J105J	CHIP R	1.0M	J 1/16W		
R23			RK73GB1J330J	CHIP R	33	J 1/16W		
R30			RK73GB1J220J	CHIP R	22	J 1/16W		
⚠ R31			R92-1946-05	METAL GLAZE	4.7	J 1/4W		
R32			RK73GB1J221J	CHIP R	220	J 1/16W		
R101,102			RK73GB1J222J	CHIP R	2.2K	J 1/16W		
R103,104			RK73GB1J104J	CHIP R	100K	J 1/16W		
R105,106			RK73GB1J102J	CHIP R	1.0K	J 1/16W		
R107,108			RK73GB1J103J	CHIP R	10K	J 1/16W		
R109,110			RK73GB1J472J	CHIP R	4.7K	J 1/16W		
R111,112			RK73GB1J221J	CHIP R	220	J 1/16W		
R121,122			RK73GB1J112J	CHIP R	1.1K	J 1/16W		
R123,124			RK73GB1J242J	CHIP R	2.4K	J 1/16W		
R125-128			RK73GB1J103J	CHIP R	10K	J 1/16W		

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R129,130			RK73GB1J101J	CHIP R	100	J	1/16W		
R151,152			RK73GB1J562J	CHIP R	5.6K	J	1/16W		
R153,154			RK73GB1J432J	CHIP R	4.3K	J	1/16W		
R155-158			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R201,202			RK73GB1J332J	CHIP R	3.3K	J	1/16W		
R203,204			RK73GB1J104J	CHIP R	100K	J	1/16W		
R205,206			RK73GB1J911J	CHIP R	910	J	1/16W		
R207,208			RK73GB1J272J	CHIP R	2.7K	J	1/16W		
R209,210			RK73GB1J562J	CHIP R	5.6K	J	1/16W		
R211,212			RK73GB1J221J	CHIP R	220	J	1/16W		
R213			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R214,215			RK73GB1J562J	CHIP R	5.6K	J	1/16W		
R216			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R301,302			RK73GB1J222J	CHIP R	2.2K	J	1/16W		
R303,304			RK73GB1J104J	CHIP R	100K	J	1/16W		
R305,306			RK73GB1J102J	CHIP R	1.0K	J	1/16W		
R307,308			RK73GB1J103J	CHIP R	10K	J	1/16W		
R309,310			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R311,312			RK73GB1J221J	CHIP R	220	J	1/16W		
R401			RK73GB1J222J	CHIP R	2.2K	J	1/16W		
R402,403			RK73GB1J104J	CHIP R	100K	J	1/16W		
R404			RK73GB1J273J	CHIP R	27K	J	1/16W		
R405			RK73GB1J102J	CHIP R	1.0K	J	1/16W		
R406			RK73GB1J183J	CHIP R	18K	J	1/16W		
R407,408			RK73GB1J103J	CHIP R	10K	J	1/16W		
R409			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R410			RK73GB1J562J	CHIP R	5.6K	J	1/16W		
R411,412			RK73GB1J221J	CHIP R	220	J	1/16W		
R501-508			RK73GB1J104J	CHIP R	100K	J	1/16W		
R509-511			RK73GB1J221J	CHIP R	220	J	1/16W		
R512			RK73GB1J104J	CHIP R	100K	J	1/16W		
R513			RK73GB1J102J	CHIP R	1.0K	J	1/16W		
R514			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R515			R92-4583-05	METAL GLAZE	10	J	1/2W		
R541			RK73GB1J220J	CHIP R	22	J	1/16W		
R542,543			RK73GB1J101J	CHIP R	100	J	1/16W		
R601-608			RK73GB1J104J	CHIP R	100K	J	1/16W		
⚠ R900			R92-1918-05	CHIP R	0.33	J	1/4W		
⚠ R910			R92-1946-05	METAL GLAZE	4.7	J	1/4W		
⚠ R920			RS14KB3D180J	FL-PROOF RS	18	J	2W		
⚠ R930			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
⚠ R931			RS14KB3D5R6J	FL-PROOF RS	5.6	J	2W		
R950			RK73GB1J152J	CHIP R	1.5K	J	1/16W		
R951			RK73GB1J102J	CHIP R	1.0K	J	1/16W		
R952			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R953			RK73GB1J473J	CHIP R	47K	J	1/16W		
R954,955			RK73GB1J221J	CHIP R	220	J	1/16W		
W999			R92-0679-05	CHIP R	0 OHM				
S800			S62-0034-05	SLIDE SWITCH				M7M8	
D1			DAN202U	DIODE					
D1			MA142WK	DIODE					
D1			1SS301	DIODE					
D3			DAN202U	DIODE					
D3			MA142WK	DIODE					

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D3			1SS301	DIODE				
D4			DAP202U	DIODE				
D4			MA142WA	DIODE				
D4			1SS300	DIODE				
D800,801			MA111	DIODE				
⚠ D900			D2SBA20F03	DIODE				
⚠ D901,902			MA111	DIODE			M7M8	
D910			HZU3.9(B2)	ZENER DIODE				
D910			UDZ3.9B	ZENER DIODE				
D920			HZU3.9(B2)	ZENER DIODE				
D920			UDZ3.9B	ZENER DIODE				
D930			HZU5.6(B2)	ZENER DIODE				
D930			UDZ5.6B	ZENER DIODE				
D950			HZU5.1(B2)	ZENER DIODE				
D950			UDZ5.1B	ZENER DIODE				
D951			MA111	DIODE				
IC2			AK4112BVF	MOS-IC				
IC3			TC7WH241FU	MOS-IC				
IC4			AK4529-VQ	MOS-IC				
IC5			TC7SHU04FU	MOS-IC				
IC6			TC7WU04FU	MOS-IC				
IC7			TC74VHC175FT	MOS-IC				
IC11			NJM4565M	ANALOGUE IC				
IC11			NJM4565MD	IC(OP AMP X2)				
IC12			NJU7311AM	MOS-IC				
IC21			NJM4565M	ANALOGUE IC				
IC21			NJM4565MD	IC(OP AMP X2)				
IC31			NJM4565M	ANALOGUE IC				
IC31			NJM4565MD	IC(OP AMP X2)				
IC41			NJM4565M	ANALOGUE IC				
IC41			NJM4565MD	IC(OP AMP X2)				
IC50			ADSST-MEL322	MOS-IC				
IC51			27W40180N6705	ROM IC				
IC52			A61L6316-12V	SRAM IC				
IC52			UT61L6416MC10	SRAM IC				
IC52			UT61L6416MC12	SRAM IC				
IC60			TC74HCT7007AF	MOS-IC				
IC61			TC74VHC125FT	MOS-IC				
⚠ IC90			BA05T	ANALOGUE IC				
⚠ IC91			NJU7223F25	ANALOGUE IC				
⚠ IC92			BA033T	ANALOGUE IC				
⚠ IC93			BA05T	ANALOGUE IC				
IC123			NJM4565M	ANALOGUE IC				
IC123			NJM4565MD	IC(OP AMP X2)				
Q950			2SA1576A(R,S)	TRANSISTOR				
Q950			2SB1218A(Q,R)	TRANSISTOR				
Q951			2SC4081(R,S)	TRANSISTOR				
Q951			2SD1819A(Q,R)	TRANSISTOR				
A1			W02-2802-05	OPTIC RECEIVING MODULE				

(X08-3230-10) KRF-V4070D/V5070D/V5570D/VR-705/VR-715/716

C601			CK73GB1H103K	CHIP C	0.010UF	K		
C602			CK73GB1H102K	CHIP C	1000PF	K		
C603			CC73GCH1H220J	CHIP C	22PF	J		
C604			CC73GCH1H270J	CHIP C	27PF	J		

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C605,606			CK73GB1H103K	CHIP C	0.010UF	K		
C607			CC73GCH1H220J	CHIP C	22PF	J		
C608			CK73GB1H102K	CHIP C	1000PF	K		
C609,610			CK73GB1H103K	CHIP C	0.010UF	K		
C611			CK73GB1H102K	CHIP C	1000PF	K		
C612			CK73GB1H103K	CHIP C	0.010UF	K		
C613			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C614			CK73GB1H103K	CHIP C	0.010UF	K		
C615			CC73GCH1H471J	CHIP C	470PF	J		
C616			CE04LW1E470M	ELECTRO	47UF	25WV		
C617,618			CK73GB1H103K	CHIP C	0.010UF	K		
C619			CK73FB1E104K	CHIP C	0.10UF	K		
C621			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C622,623			CK73GB1H103K	CHIP C	0.010UF	K		
C624			CC73GCH1H101J	CHIP C	100PF	J	M3M4M6	
C631			CK73FB1E104K	CHIP C	0.10UF	K		
C632,633			CC73GCH1H221J	CHIP C	220PF	J		
C634,635			CC73GCH1H220J	CHIP C	22PF	J		
C636,637			CK73GB1H472K	CHIP C	4700PF	K		
C654			CE04LW1H100M	ELECTRO	10UF	50WV		
C656			CE04LW1E470M	ELECTRO	47UF	25WV		
C657			CE04LW1A101M	ELECTRO	100UF	10WV		
C659			CE04KW1A101M	ELECTRO	100UF	10WV		
C660			CC73GCH1H820J	CHIP C	82PF	J		
C661			CK73GB1H103K	CHIP C	0.010UF	K		
C662			CE04LW1A101M	ELECTRO	100UF	10WV		
C663			CK73GB1H103K	CHIP C	0.010UF	K		
C665			CC73GCH1H330J	CHIP C	33PF	J		
C666			CK73FB1E104K	CHIP C	0.10UF	K		
C667			CE04KW1C472M	ELECTRO	4700UF	16WV		
C668,669			CK73FB1E104K	CHIP C	0.10UF	K		
C670			CE04LW1H100M	ELECTRO	10UF	50WV		
C671			CC73GCH1H470J	CHIP C	47PF	J		
C672			CC73GCH1H220J	CHIP C	22PF	J		
C673			CE04KW1H220M	ELECTRO	22UF	50WV		
C675,676			CC73GCH1H220J	CHIP C	22PF	J		
C700			CC73GCH1H470J	CHIP C	47PF	J		
C701,702			CE04LW1H100M	ELECTRO	10UF	50WV		
C703,704			CK73GB1H222K	CHIP C	2200PF	K		
C705,706			CK73GB1H182K	CHIP C	1800PF	K		
C707,708			CC73GCH1H101J	CHIP C	100PF	J		
C709			CK73GB1H472K	CHIP C	4700PF	K		
C710			CC73GCH1H101J	CHIP C	100PF	J		
C711,712			CE04LW1H100M	ELECTRO	10UF	50WV		
C713,714			CK73GB1H821K	CHIP C	820PF	K		
C715,716			CK73GB1H222K	CHIP C	2200PF	K		
C717,718			CC73GCH1H101J	CHIP C	100PF	J		
C719			CC73GCH1H470J	CHIP C	47PF	J		
C720			CC73GCH1H330J	CHIP C	33PF	J		
C721,722			CE04LW1H100M	ELECTRO	10UF	50WV		
C723			CK73GB1H222K	CHIP C	2200PF	K		
C724			CK73GB1H822K	CHIP C	8200PF	K		
C725			CK73GB1H182K	CHIP C	1800PF	K		
C726			CK73GB1H822K	CHIP C	8200PF	K		
C727,728			CC73GCH1H101J	CHIP C	100PF	J		

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C737,738			CC73GCH1H220J	CHIP C	22PF	J			
C739,740			CE04LW1H100M	ELECTRO	10UF	50WV			
C741			CK73GB1H102K	CHIP C	1000PF	K			
C742			CC73GCH1H101J	CHIP C	100PF	J			
C744			CC73GCH1H101J	CHIP C	100PF	J			
C791,792			CC73GCH1H471J	CHIP C	470PF	J			
C901-906			CC73GCH1H470J	CHIP C	47PF	J		K4P4	
C907,908			CC73GCH1H101J	CHIP C	100PF	J		K4P4	
C909,910			CK73GB1H103K	CHIP C	0.010UF	K		K4P4	
C912,913			CE04LW1E470M	ELECTRO	47UF	25WV		K4P4	
C915			CE04EW1C471M	ELECTRO	470UF	16WV		K4P4	
C916			CK73FB1E104K	CHIP C	0.10UF	K		K4P4	
C917,918			CC73GCH1H101J	CHIP C	100PF	J		K4P4	
C919,920			CK73GB1H103K	CHIP C	0.010UF	K		K4P4	
CN601			E40-8484-05	FLAT CABLE CONNECTOR					
CN605			E40-8483-05	FLAT CABLE CONNECTOR					
J601		✻	E63-1294-05	PIN JACK					
J602			E11-0293-05	MINIATURE PHONE JACK(2P)					
J901		✻	E56-0049-05	CYLINDRICAL RECEPTACLE				K4P4	
X601			L77-2296-05	CRYSTAL RESONATOR(12.288MHZ)					
CP601,602			R90-0714-05	MULTI-COMP	10K X4				
CP603-605			R90-0728-05	MULTI-COMP	180 X4				
R601,602			RK73GB1J221J	CHIP R	220	J	1/16W		
R603,604			RK73GB1J105J	CHIP R	1.0M	J	1/16W		
R605			RK73GB1J103J	CHIP R	10K	J	1/16W		
R608			RK73GB1J221J	CHIP R	220	J	1/16W		
R609			RK73GB1J104J	CHIP R	100K	J	1/16W		
R610			RK73GB1J221J	CHIP R	220	J	1/16W		
R611,612			RK73GB1J332J	CHIP R	3.3K	J	1/16W		
R613,614			RK73GB1J221J	CHIP R	220	J	1/16W		
R615			RK73GB1J101J	CHIP R	100	J	1/16W	M3M4M6	
R623			RK73GB1J103J	CHIP R	10K	J	1/16W		
R624			RK73GB1J221J	CHIP R	220	J	1/16W		
R625,626			RK73GB1J332J	CHIP R	3.3K	J	1/16W		
R627,628			RK73GB1J221J	CHIP R	220	J	1/16W		
R629			RK73GB1J103J	CHIP R	10K	J	1/16W		
R630			RK73GB1J333J	CHIP R	33K	J	1/16W		
R631			RK73GB1J101J	CHIP R	100	J	1/16W		
R632,633			RK73GB1J472J	CHIP R	4.7K	J	1/16W		
R634			RK73GB1J471J	CHIP R	470	J	1/16W		
R635			RK73GB1J750J	CHIP R	75	J	1/16W		
R637,638			RK73GB1J220J	CHIP R	22	J	1/16W		
R639			RK73GB1J183J	CHIP R	18K	J	1/16W		
R640			R92-1946-05	METAL GLAZE	4.7	J	1/4W		
⚠ R641			RD14NB2E4R7J	RD	4.7	J	1/4W		
R642			RK73GB1J220J	CHIP R	22	J	1/16W		
R644			RK73GB1J750J	CHIP R	75	J	1/16W		
R663			RK73GB1J221J	CHIP R	220	J	1/16W		
⚠ R664			R92-1993-05	METAL GLAZE	560	J	1/4W		
R665			RK73GB1J223J	CHIP R	22K	J	1/16W		
⚠ R666			RS14KB3D180J	FL-PROOF RS	18	J	2W		
R667			RK73GB1J221J	CHIP R	220	J	1/16W		
⚠ R670			R92-1946-05	METAL GLAZE	4.7	J	1/4W		
⚠ R671			RD14NB2E1R0J	RD	1	J	1/4W		
R672			RK73GB1J221J	CHIP R	220	J	1/16W		

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⑪

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
R673			RK73GB1J473J	CHIP R	47K	J 1/16W		
R674			RK73GB1J472J	CHIP R	4.7K	J 1/16W		
R675			RK73GB1J221J	CHIP R	220	J 1/16W		
R676			RK73GB1J102J	CHIP R	1.0K	J 1/16W		
R677			RK73GB1J152J	CHIP R	1.5K	J 1/16W		
R678,679			RK73GB1J220J	CHIP R	22	J 1/16W		
R680			RK73GB1J471J	CHIP R	470	J 1/16W		
R683,684			RK73GB1J471J	CHIP R	470	J 1/16W		
⚠ R685			R92-1945-05	METAL GLAZE	1	J 1/4W		
R689			RK73GB1J220J	CHIP R	22	J 1/16W		
R690			RK73GB1J471J	CHIP R	470	J 1/16W		
⚠ R691			R92-1946-05	METAL GLAZE	4.7	J 1/4W		
R692			RK73GB1J220J	CHIP R	22	J 1/16W		
R693,694			RK73GB1J101J	CHIP R	100	J 1/16W		
R701,702			RK73GB1J222J	CHIP R	2.2K	J 1/16W		
R703,704			RK73GB1J104J	CHIP R	100K	J 1/16W		
R705,706			RK73GB1J222J	CHIP R	2.2K	J 1/16W		
R707,708			RK73GB1J103J	CHIP R	10K	J 1/16W		
R709,710			RK73GB1J472J	CHIP R	4.7K	J 1/16W		
R711,712			RK73GB1J332J	CHIP R	3.3K	J 1/16W		
R713,714			RK73GB1J104J	CHIP R	100K	J 1/16W		
R715,716			RK73GB1J222J	CHIP R	2.2K	J 1/16W		
R717,718			RK73GB1J272J	CHIP R	2.7K	J 1/16W		
R719,720			RK73GB1J562J	CHIP R	5.6K	J 1/16W		
R721			RK73GB1J222J	CHIP R	2.2K	J 1/16W		
R722			RK73GB1J153J	CHIP R	15K	J 1/16W		
R723,724			RK73GB1J104J	CHIP R	100K	J 1/16W		
R725			RK73GB1J222J	CHIP R	2.2K	J 1/16W		
R726			RK73GB1J183J	CHIP R	18K	J 1/16W		
R727,728			RK73GB1J103J	CHIP R	10K	J 1/16W		
R729			RK73GB1J472J	CHIP R	4.7K	J 1/16W		
R730			RK73GB1J562J	CHIP R	5.6K	J 1/16W		
R735-740			RK73GB1J103J	CHIP R	10K	J 1/16W		
R741-744			RK73GB1J221J	CHIP R	220	J 1/16W		
R745			RK73GB1J102J	CHIP R	1.0K	J 1/16W		
R746-748			RK73GB1J101J	CHIP R	100	J 1/16W		
R749,750			RK73GB1J272J	CHIP R	2.7K	J 1/16W		
R751			RK73GB1J472J	CHIP R	4.7K	J 1/16W		
R752			RK73GB1J562J	CHIP R	5.6K	J 1/16W		
R753			RK73GB1J472J	CHIP R	4.7K	J 1/16W		
R754			RK73GB1J562J	CHIP R	5.6K	J 1/16W		
R756-758			RK73GB1J181J	CHIP R	180	J 1/16W		
R791,792			RK73GB1J183J	CHIP R	18K	J 1/16W		
R793-804			RK73GB1J220J	CHIP R	22	J 1/16W		
R805-808			R92-1945-05	METAL GLAZE	1	J 1/4W		
R809-811			RK73FB2A1R0J	CHIP R	1	J 1/10W		
R812-814			R92-1945-05	METAL GLAZE	1	J 1/4W		
R901-904			RK73GB1J750J	CHIP R	75	J 1/16W	K4P4	
R905,906			RK73GB1J104J	CHIP R	100K	J 1/16W	K4P4	
R907,908			RK73GB1J750J	CHIP R	75	J 1/16W	K4P4	
R911			RK73GB1J472J	CHIP R	4.7K	J 1/16W	K4P4	
R912			RK73GB1J221J	CHIP R	220	J 1/16W	K4P4	
R915,916			RD14NB2E100J	RD	10	J 1/4W	K4P4	
R917			RK73GB1J103J	CHIP R	10K	J 1/16W	K4P4	
R921			RK73GB1J2R2J	CHIP R	2.2	J 1/16W	K4P4	

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⑫

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
W900			R92-0679-05	CHIP R	0 OHM			
S601			S62-0034-05	SLIDE SWITCH			M3M4M6	
D601			MA111	DIODE				
D602			DAN202U	DIODE				
D602			MA142WK	DIODE				
D602			1SS301	DIODE				
D603			DAP202U	DIODE				
D603			MA142WA	DIODE				
D603			1SS300	DIODE				
D604			HZU3.9(B2)	ZENER DIODE				
D604			UDZ3.9B	ZENER DIODE				
D605			DAN202U	DIODE				
D605			MA142WK	DIODE				
D605			1SS301	DIODE				
D606,607			HZU5.6(B2)	ZENER DIODE				
D606,607			UDZ5.6B	ZENER DIODE				
D608			MA111	DIODE				
⚠ D609			D2SBA20F03	DIODE				
D610			HZU5.1(B2)	ZENER DIODE				
D610			UDZ5.1B	ZENER DIODE				
D613,614			MA111	DIODE				
⚠ D900-902			1SR154-400	DIODE			K4P4	
IC601			CS493263-CLG	MOS-IC				
IC601			CS493263-CLR	MOS-IC				
IC602			AK4586	MOS-IC				
IC603			TC7WU04FU	MOS-IC				
IC604			TC7WH123FU	MOS-IC				
IC605			TC74HCT7007AF	MOS-IC				
IC606			TC74HC07AF	MOS-IC				
⚠ IC609			XC62EP2502MR	ANALOGUE IC				
⚠ IC611			BA033LBSG	ANALOGUE IC				
⚠ IC612			BA05T	ANALOGUE IC				
IC701-703			NJM4565MD	IC(OP AMP X2)				
IC705			NJU7311AM	MOS-IC				
IC707			NJM4565MD	IC(OP AMP X2)				
IC901,902		✻	MM1228XF	ANALOGUE IC			K4P4	
Q601			DTC124EUA	DIGITAL TRANSISTOR				
Q601			UN5212	DIGITAL TRANSISTOR				
Q606			2SB1375	TRANSISTOR				
Q608			2SC4081(R,S)	TRANSISTOR				
Q608			2SD1819A(Q,R)	TRANSISTOR				
Q609			2SA1576A(R,S)	TRANSISTOR				
Q609			2SB1218A(Q,R)	TRANSISTOR				
Q901,902			DTC124EUA	DIGITAL TRANSISTOR			K4P4	
Q901,902			UN5212	DIGITAL TRANSISTOR			K4P4	
A601			W02-2802-05	OPTIC RECEIVING MODULE				

AUDIO (X09-6740-10/X09-6750-10)

C1 ,2			CE04KW2A100M	ELECTRO	10UF	100WV		
C101			CC45FSL1H331J	CERAMIC	330PF	J	E	
C102			CC45FSL1H101J	CERAMIC	100PF	J	E	
C103,104			CC45FCH1H270J	CERAMIC	27PF	J	E	
C105			CE04KW1H2R2M	ELECTRO	2.2UF	50WV	E	

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C106			CK45FF1H103Z	CERAMIC	0.010UF	Z	E	
C107			CE04KW1E470M	ELECTRO	47UF	25WV	E	
C108			CK45FB1H561K	CERAMIC	560PF	K	E	
C109			CK45FF1H103Z	CERAMIC	0.010UF	Z	E	
C110			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C125			CE04KW1H100M	ELECTRO	10UF	50WV		
C126			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C127			CC45FSL1H270J	CERAMIC	27PF	J		
C128			CE04KW1H100M	ELECTRO	10UF	50WV		
C129			CE04KW1E332M	ELECTRO	3300UF	25WV		
⚠ C130			C91-1488-05	MF	6800PF	250VAC	EMX	
⚠ C130			C91-1635-05	FILM	0.068UF	275WV	KP	
⚠ C130		✻	C91-1648-05	MF	0.068UF	275WV	KP	
⚠ C131			CK45FF1H103Z	CERAMIC	0.010UF	Z		
⚠ C132			C91-1635-05	FILM	0.068UF	275WV		
⚠ C132		✻	C91-1648-05	MF	0.068UF	275WV		
C133			CE04KW1H100M	ELECTRO	10UF	50WV		
C134			CE04KW1J330M	ELECTRO	33UF	63WV		
C135			CC45FSL1H100D	CERAMIC	10PF	D		
C137			CK45FF1H103Z	CERAMIC	0.010UF	Z		
⚠ C138,139			CE04KW1E101M	ELECTRO	100UF	25WV		
C140			CE04KW1E222M	ELECTRO	2200UF	25WV		
C141			CE04KW1E102M	ELECTRO	1000UF	25WV	7	
C141			CE04KW1E471M	ELECTRO	470UF	25WV	456	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	K1P1M3	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	K2P2M7	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	K3P3M6	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	M4X4	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	M8X7X8	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	P4	
⚠ C142,143			C90-5747-05	ELECTRO	4700UF	75WV	X5X6K4	
⚠ C142,143		✻	C90-5775-05	ELECTRO	4700UF	75WV	E3E4	
⚠ C142,143		✻	C90-5775-05	ELECTRO	4700UF	75WV	E6	
⚠ C142,143		✻	C90-5775-05	ELECTRO	4700UF	75WV	E7E8	
⚠ C142,143		✻	C90-5776-05	ELECTRO	4700UF	50WV	4	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	K1P1M3	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	K2P2M7	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	K3P3M6	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	M4X4	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	M8X7X8	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	P4	
C144,145			C90-5746-05	ELECTRO	3300UF	42WV	X5X6K4	
C144,145		✻	C90-5777-05	ELECTRO	3300UF	50WV	E3E4	
C144,145		✻	C90-5777-05	ELECTRO	3300UF	50WV	E6	
C144,145		✻	C90-5777-05	ELECTRO	3300UF	50WV	E7E8	
C146,147			C91-1422-05	MP	0.10UF	250WV	567	
C148-151			C91-1573-05	MP-C	0.10UF	J		
C152,153			C91-1422-05	MP	0.10UF	250WV		
C154,155			CQ93FMG1H104J	MYLAR	0.10UF	J		
C156			CC45FSL1H330J	CERAMIC	33PF	J		
C157			CC45FSL1H270J	CERAMIC	27PF	J		
C201,202			CC45FSL1H221J	CERAMIC	220PF	J		
C203,204			CE04KW1H100M	ELECTRO	10UF	50WV	E3E4E7	
C203,204			CE04KW1H100M	ELECTRO	10UF	50WV	E8	
C205-208			CC45FSL1H221J	CERAMIC	220PF	J	E3E4E7	

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C205-208			CC45FSL1H221J	CERAMIC	220PF	J	E8	
C209,210			CE04KW1A101M	ELECTRO	100UF	10WV	E3E4E7	
C209,210			CE04KW1A101M	ELECTRO	100UF	10WV	E8	
C211,212			CQ93FMG1H123J	MYLAR	0.012UF	J	E3E4E7	
C211,212			CQ93FMG1H123J	MYLAR	0.012UF	J	E8	
C213,214			CK45FB1H332K	CERAMIC	3300PF	K	E3E4E7	
C213,214			CK45FB1H332K	CERAMIC	3300PF	K	E8	
C215,216			CE04KW1H4R7M	ELECTRO	4.7UF	50WV	E3E4E7	
C215,216			CE04KW1H4R7M	ELECTRO	4.7UF	50WV	E8	
C217-219			CC45FSL1H101J	CERAMIC	100PF	J	E3E4E7	
C217-219			CC45FSL1H101J	CERAMIC	100PF	J	E8	
C220			CK45FF1H103Z	CERAMIC	0.010UF	Z	E3E4E7	
C220			CK45FF1H103Z	CERAMIC	0.010UF	Z	E8	
C221,222			CC45FSL1H221J	CERAMIC	220PF	J		
C225,226			CC45FSL1H221J	CERAMIC	220PF	J		
C229,230			CC45FSL1H221J	CERAMIC	220PF	J		
C233,234			CC45FSL1H221J	CERAMIC	220PF	J		
C237,238			CC45FSL1H221J	CERAMIC	220PF	J		
C241,242			CC45FSL1H221J	CERAMIC	220PF	J		
C245,246			CC45FSL1H221J	CERAMIC	220PF	J	E6	
C245,246			CC45FSL1H221J	CERAMIC	220PF	J	K1P1	
C245,246			CC45FSL1H221J	CERAMIC	220PF	J	M6X5X6	
C245,246			CC45FSL1H221J	CERAMIC	220PF	J	4	
C251,252			CC45FSL1H221J	CERAMIC	220PF	J	E3E4	
C251,252			CC45FSL1H221J	CERAMIC	220PF	J	K3P3K4	
C251,252			CC45FSL1H221J	CERAMIC	220PF	J	M3M4X4	
C251,252			CC45FSL1H221J	CERAMIC	220PF	J	P4	
C251,252			CC45FSL1H221J	CERAMIC	220PF	J	7	
C255,256			CC45FSL1H221J	CERAMIC	220PF	J	E3E4	
C255,256			CC45FSL1H221J	CERAMIC	220PF	J	K3P3K4	
C255,256			CC45FSL1H221J	CERAMIC	220PF	J	M3M4X4	
C255,256			CC45FSL1H221J	CERAMIC	220PF	J	P4	
C255,256			CC45FSL1H221J	CERAMIC	220PF	J	7	
C259,260			CC45FSL1H221J	CERAMIC	220PF	J	E3E4	
C259,260			CC45FSL1H221J	CERAMIC	220PF	J	K3P3K4	
C259,260			CC45FSL1H221J	CERAMIC	220PF	J	M3M4X4	
C259,260			CC45FSL1H221J	CERAMIC	220PF	J	P4	
C259,260			CC45FSL1H221J	CERAMIC	220PF	J	7	
C265,266			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C268-271			CC45FSL1H101J	CERAMIC	100PF	J		
C272			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C273			CK45FB1H471K	CERAMIC	470PF	K		
C274			CC45FSL1H331J	CERAMIC	330PF	J		
C275			CE04KW1E470M	ELECTRO	47UF	25WV		
C276			CE04KW1A101M	ELECTRO	100UF	10WV		
C278			CE04KW1A101M	ELECTRO	100UF	10WV		
C279			CE04KW1E470M	ELECTRO	47UF	25WV		
C280			CE04KW1A101M	ELECTRO	100UF	10WV		
C281			CC45FSL1H101J	CERAMIC	100PF	J		
C283-288			CC45FSL1H101J	CERAMIC	100PF	J		
C290-299			CC45FSL1H101J	CERAMIC	100PF	J		
C300			CC45FSL1H101J	CERAMIC	100PF	J	E3E4	
C300			CC45FSL1H101J	CERAMIC	100PF	J	K3P3K4	
C300			CC45FSL1H101J	CERAMIC	100PF	J	M3M4X4	
C300			CC45FSL1H101J	CERAMIC	100PF	J	P4	

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C300			CC45FSL1H101J	CERAMIC	100PF	J	7	
C301,302			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C303,304			CK45FB1H471K	CERAMIC	470PF	K		
C305,306			CC45FSL1H331J	CERAMIC	330PF	J		
C307			CE04KW1H101M	ELECTRO	100UF	50WV	567	
C308			CQ93FMG1H473J	MYLAR	0.047UF	J		
C309,310			CE04KW1A101M	ELECTRO	100UF	10WV		
C311			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C312			CQ93FMG1H473J	MYLAR	0.047UF	J		
C313			CC45FSL1H101J	CERAMIC	100PF	J		
C316,317			CC45FSL1H100D	CERAMIC	10PF	D		
C318			CE04KW1H101M	ELECTRO	100UF	50WV	567	
C319,320			CE04KW2A101M	ELECTRO	100UF	100WV	567	
C321,322			CK45FF1H472Z	CERAMIC	4700PF	Z		
C323-328			C91-1573-05	MP-C	0.10UF	J		
C329			CK45FF1H472Z	CERAMIC	4700PF	Z		
C330			CC45FSL1H100D	CERAMIC	10PF	D		
C332			CE04KW1A101M	ELECTRO	100UF	10WV		
C333			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C334			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C335			CE04LW1H100M	ELECTRO	10UF	50WV		
C336			CE04KW1A221M	ELECTRO	220UF	10WV		
C337			CE04HW1E100M	NP-ELEC	10UF	25WV		
C338			CE04KW1E470M	ELECTRO	47UF	25WV		
C339-343			CC45FSL1H101J	CERAMIC	100PF	J	E3E4	
C339-343			CC45FSL1H101J	CERAMIC	100PF	J	K3P3K4	
C339-343			CC45FSL1H101J	CERAMIC	100PF	J	M3M4X4	
C339-343			CC45FSL1H101J	CERAMIC	100PF	J	P4	
C339-343			CC45FSL1H101J	CERAMIC	100PF	J	7	
C344-349			CC45FSL1H101J	CERAMIC	100PF	J		
C350			CQ93FMG1H122J	MYLAR	1200PF	J		
C351			CQ93FMG1H332J	MYLAR	3300PF	J		
C352,353			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C354			CK45FB1H471K	CERAMIC	470PF	K		
C355,356			CK45FB1H102K	CERAMIC	1000PF	K		
C357			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C358			CQ93FMG1H104J	MYLAR	0.10UF	J		
C359-364			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C365-370			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C371			CQ93FMG1H104J	MYLAR	0.10UF	J		
C372			CQ93FMG1H332J	MYLAR	3300PF	J		
C373,374			CQ93FMG1H104J	MYLAR	0.10UF	J		
C375			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C376,377			CE04LW1A101M	ELECTRO	100UF	10WV		
C378			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C379			CK45FB1H471K	CERAMIC	470PF	K		
C380			CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C384-386			CK45FB1H471K	CERAMIC	470PF	K		
C401			CE04KW1A101M	ELECTRO	100UF	10WV		
C403,404			CE04KW2A100M	ELECTRO	10UF	100WV		
C405			CC45FSL1H470J	CERAMIC	47PF	J		
C406,407			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C408,409			CK45FB1H471K	CERAMIC	470PF	K		
C410,411			CC45FSL1H331J	CERAMIC	330PF	J		
C412,413			CE04KW1A101M	ELECTRO	100UF	10WV		

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C416,417			CC45FSL1H100D	CERAMIC	10PF	D		
C424,425			CK45FF1H472Z	CERAMIC	4700PF	Z		
C426-429			C91-1573-05	MP-C	0.10UF	J		
C430			CK45FF1H472Z	CERAMIC	4700PF	Z	67	
C431			CC45FSL1H100D	CERAMIC	10PF	D	67	
C433			CE04KW1A101M	ELECTRO	100UF	10WV	67	
C434			CC45FSL1H331J	CERAMIC	330PF	J	67	
C435			CK45FB1H471K	CERAMIC	470PF	K	67	
C436			CE04KW1H2R2M	ELECTRO	2.2UF	50WV	67	
C437,438			C91-1573-05	MP-C	0.10UF	J	67	
C439-443			CK45FB1H222K	CERAMIC	2200PF	K		
C444			CC45FSL1H221J	CERAMIC	220PF	J	457	
C445			CC45FSL1H560J	CERAMIC	56PF	J		
C446			CK45FB1H222K	CERAMIC	2200PF	K	67	
C638-642			CC45FSL1H470J	CERAMIC	47PF	J		
C643-645			CE04KW1E470M	ELECTRO	47UF	25WV		
C648			CE04RW1C100M	ELECTRO	10UF	16WV		
C652			CE04RW1C100M	ELECTRO	10UF	16WV		
C701			CC45FSL1H101J	CERAMIC	100PF	J	7	
C702			CE04KW1H2R2M	ELECTRO	2.2UF	50WV	7	
C703			CC45FSL1H101J	CERAMIC	100PF	J	7	
C704			CE04KW1H4R7M	ELECTRO	4.7UF	50WV	7	
C826,827			CK45FB1H471K	CERAMIC	470PF	K		
CN101			E40-8481-05	FLAT CABLE CONNECTOR				
CN102			E40-8502-05	FLAT CABLE CONNECTOR				
CN103			E40-8481-05	FLAT CABLE CONNECTOR				
CN201			E40-8484-05	FLAT CABLE CONNECTOR				
J201		✻	E63-1321-05	PIN JACK			4	
J202		✻	E63-1301-05	PIN JACK				
J203		✻	E63-1301-05	PIN JACK			E6	
J203		✻	E63-1301-05	PIN JACK			K1P1	
J203		✻	E63-1301-05	PIN JACK			M6X5X6	
J203		✻	E63-1301-05	PIN JACK			4	
J203		✻	E63-1321-05	PIN JACK			E3E4	
J203		✻	E63-1321-05	PIN JACK			K3P3K4	
J203		✻	E63-1321-05	PIN JACK			M3M4X4	
J203		✻	E63-1321-05	PIN JACK			P4	
J203		✻	E63-1321-05	PIN JACK			7	
J204		✻	E63-1322-05	PIN JACK			E3E4	
J204		✻	E63-1322-05	PIN JACK			K3P3K4	
J204		✻	E63-1322-05	PIN JACK			M3M4X4	
J204		✻	E63-1322-05	PIN JACK			P4	
J204		✻	E63-1322-05	PIN JACK			7	
⚠ J205			E03-0396-05	AC OUTLET			KP	
⚠ J205			E03-0398-05	AC OUTLET			EM	
⚠ J206			E03-0325-05	AC OUTLET			X	
J401			E70-0156-05	LOCK TERMINAL BOARD				
J402		✻	E70-0175-05	LOCK TERMINAL BOARD			45	
J403			E70-0154-05	LOCK TERMINAL BOARD			67	
J404			E63-1146-05	PIN JACK			457	
J603		✻	E63-1291-05	PIN JACK				
J604		✻	E63-1314-05	PIN JACK				
J801			E11-0271-05	PHONE JACK (METAL SLEEVE)				
⚠ F101			F05-2525-05	FUSE (250V T2.5AL)			4	
⚠ F101			F05-3121-05	FUSE (250V T3.15AL)			E3E4	

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⚠ F101			F05-3121-05	FUSE (250V T3.15AL)				E6	
⚠ F101			F05-3121-05	FUSE (250V T3.15AL)				M3M4X4	
⚠ F101			F05-3121-05	FUSE (250V T3.15AL)				M6X5X6	
⚠ F101			F05-3121-05	FUSE (250V T3.15AL)				M7M8X7	
⚠ F101			F05-3121-05	FUSE (250V T3.15AL)				X8E7E8	
⚠ F101			F50-0077-05	FUSE (125V T8A)				KP	
⚠ F102			F06-1022-05	FUSE (250V T1AL)				MXE	
⚠ F103			F05-3121-05	FUSE (250V T3.15AL)				M	
L301-303			L39-1373-05	PHASE COMPENSATION COIL					
L401,402			L39-1373-05	PHASE COMPENSATION COIL					
L403			L39-1373-05	PHASE COMPENSATION COIL				67	
⚠ T101			L07-2758-05	POWER TRANSFORMER				KPEX	
⚠ T101			L07-2761-05	POWER TRANSFORMER				KPEX	
⚠ T101			L07-2805-05	POWER TRANSFORMER				M	
X101			L77-2002-05	CRYSTAL RESONATOR				E	
⚠ R123			RD14NB2E1R0J	RD	1	J	1/4W		
R124			RS14KB3A221J	FL-PROOF RS	220	J	1W	KPM	
R125			RD14NB2E1R0J	RD	1	J	1/4W	EX	
R125			RD14NB2E270J	RD	27	J	1/4W	KPM	
⚠ R126			RD14NB2E101J	RD	100	J	1/4W		
R127			RD14NB2E822J	RD	8.2K	J	1/4W		
⚠ R132			R92-1844-05	CARBON	3.3M	J	1/2W	KP	
⚠ R141,142			RD14NB2E1R0J	RD	1	J	1/4W		
⚠ R262			RD14BB2C132J	RD	1.3K	J	1/6W		
R316,317			RS14KB3A472J	FL-PROOF RS	4.7K	J	1W	567	
R334,335			RD14NB2E4R7J	RD	4.7	J	1/4W		
R338-341			RS14KB3DR22J	FL-PROOF RS	0.22	J	2W		
R342,343			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R345			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R347			RD14NB2E4R7J	RD	4.7	J	1/4W		
R348,349			RS14KB3DR22J	FL-PROOF RS	0.22	J	2W		
R365			RD14NB2E561J	RD	560	J	1/4W		
R410			RD14NB2E103J	RD	10K	J	1/4W		
R411			RD14NB2E101J	RD	100	J	1/4W		
R414			RD14NB2E101J	RD	100	J	1/4W		
R415			RD14NB2E103J	RD	10K	J	1/4W		
R436			RD14NB2E4R7J	RD	4.7	J	1/4W		
R438,439			RS14KB3D391J	FL-PROOF RS	390	J	2W		
R452,453			RS14KB3A472J	FL-PROOF RS	4.7K	J	1W	567	
R460-463			RS14KB3DR22J	FL-PROOF RS	0.22	J	2W		
R466,467			RD14NB2E4R7J	RD	4.7	J	1/4W		
R468,469			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W		
R473,474			RS14KB3DR22J	FL-PROOF RS	0.22	J	2W	67	
R475			RD14NB2E4R7J	RD	4.7	J	1/4W	67	
R476			RS14KB3D4R7J	FL-PROOF RS	4.7	J	2W	67	
R478-480			RS14KB3A151J	FL-PROOF RS	150	J	1W		
R995,996			RS14KB3D332J	FL-PROOF RS	3.3K	J	2W	567	
⚠ K101			S76-0099-05	MAGNETIC RELAY				KP	
⚠ K101			S76-0102-05	MAGNETIC RELAY				MXE	
K401-403			S76-0097-05	MAGNETIC RELAY					
⚠ S101			S62-0001-05	SLIDE SWITCH				M	
⚠ S102			S68-0107-05	PUSH SWITCH				MXE	
D113			RB441Q-40	DIODE					
⚠ D114-116			HSS104A	DIODE					

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⚠ D114-116			1SS133	DIODE		
⚠ D117			S1ZB20(4101)	DIODE		
D118			HZS16N(B2)	ZENER DIODE		
D118			MTZJ16(B)	ZENER DIODE		
D119			HZS15N(B2)	ZENER DIODE		
D119			MTZJ15(B)	ZENER DIODE		
⚠ D120			D2SBA20F03	DIODE		
⚠ D121			D5SBA20F03	DIODE		
⚠ D122			D5SBA20F03	DIODE	567	
D123,124			HSS104A	DIODE	M	
D123,124			1SS133	DIODE	M	
D201			HZS6.8N(B2)	ZENER DIODE		
D201			MTZJ6.8(B)	ZENER DIODE		
D202			HZS5.1N(B2)	ZENER DIODE		
D202			MTZJ5.1(B)	ZENER DIODE		
D203			HZS6.8N(B2)	ZENER DIODE		
D203			MTZJ6.8(B)	ZENER DIODE		
D215			HSS104A	DIODE	KPM	
D215			1SS133	DIODE	KPM	
D301,302			HZS15N(B2)	ZENER DIODE	567	
D301,302			MTZJ15(B)	ZENER DIODE	567	
D303,304			HSS104A	DIODE		
D303,304			1SS133	DIODE		
D305,306			HZS10N(B2)	ZENER DIODE	MXE	
D305,306			HZS11N(B2)	ZENER DIODE	KP	
D305,306			MTZJ10(B)	ZENER DIODE	MXE	
D305,306			MTZJ11(B)	ZENER DIODE	KP	
D307			HZS3.9N(B2)	ZENER DIODE		
D307			MTZJ3.9(B)	ZENER DIODE		
D308-310			HSS104A	DIODE		
D308-310			1SS133	DIODE		
D311,312			HZS3.9N(B2)	ZENER DIODE		
D311,312			MTZJ3.9(B)	ZENER DIODE		
D313			HSS104A	DIODE		
D313			1SS133	DIODE		
D314			HZS3.9N(B2)	ZENER DIODE		
D314			MTZJ3.9(B)	ZENER DIODE		
D315			HSS104A	DIODE		
D315			1SS133	DIODE		
D316			HZS3.9N(B2)	ZENER DIODE		
D316			MTZJ3.9(B)	ZENER DIODE		
D317,318			HSS104A	DIODE		
D317,318			1SS133	DIODE		
D319			HZS11N(B2)	ZENER DIODE	E3E4	
D319			HZS11N(B2)	ZENER DIODE	E6	
D319			HZS11N(B2)	ZENER DIODE	E7E8	
D319			MTZJ11(B)	ZENER DIODE	E3E4	
D319			MTZJ11(B)	ZENER DIODE	E6	
D319			MTZJ11(B)	ZENER DIODE	E7E8	
D319,320			HZS15N(B2)	ZENER DIODE	KP	
D319,320			HZS16N(B2)	ZENER DIODE	M3M4X4	
D319,320			HZS16N(B2)	ZENER DIODE	M6X5X6	
D319,320			HZS16N(B2)	ZENER DIODE	M7M8X7	
D319,320			HZS16N(B2)	ZENER DIODE	X8	
D319,320			MTZJ15(B)	ZENER DIODE	KP	

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D319,320			MTZJ16(B)	ZENER DIODE	M3M4X4	
D319,320			MTZJ16(B)	ZENER DIODE	M6X5X6	
D319,320			MTZJ16(B)	ZENER DIODE	M7M8X7	
D319,320			MTZJ16(B)	ZENER DIODE	X8	
D320			HZS13N(B2)	ZENER DIODE	E3E4	
D320			HZS13N(B2)	ZENER DIODE	E6	
D320			HZS13N(B2)	ZENER DIODE	E7E8	
D320			MTZJ13(B)	ZENER DIODE	E3E4	
D320			MTZJ13(B)	ZENER DIODE	E6	
D320			MTZJ13(B)	ZENER DIODE	E7E8	
D323			HSS104A	DIODE		
D323			1SS133	DIODE		
D401,402			HZS15N(B2)	ZENER DIODE	567	
D401,402			MTZJ15(B)	ZENER DIODE	567	
D403,404			HSS104A	DIODE		
D403,404			1SS133	DIODE		
D406-408			HSS104A	DIODE		
D406-408			1SS133	DIODE		
D602,603			HZS5.6N(B2)	ZENER DIODE		
D602,603			MTZJ5.6(B)	ZENER DIODE		
D999			HSS104A	DIODE		
D999			1SS133	DIODE		
IC101			BU1923	ANALOGUE IC	E	
⚠ IC105			BA05T	ANALOGUE IC		
⚠ IC106			KIA7812API	ANALOGUE IC		
⚠ IC107			KIA7912PI	ANALOGUE IC		
IC201			NJM4580L-D	ANALOGUE IC	E3E4	
IC201			NJM4580L-D	ANALOGUE IC	E7E8	
IC202			M61516FP	ANALOGUE IC		
IC206			NJM4565D	ANALOGUE IC		
⚠ IC301			STK413-020A	HYBRID IC	567	
⚠ IC301			STK413-220A	HYBRID IC	567	
⚠ IC301			STK443-070	HYBRID IC	4	
⚠ IC401			STK412-020A	HYBRID IC	5	
⚠ IC401			STK412-220A	HYBRID IC	5	
⚠ IC401			STK413-020A	HYBRID IC	67	
⚠ IC401			STK413-220A	HYBRID IC	67	
⚠ IC401			STK442-070	HYBRID IC	4	
IC607			NJM2279D	ANALOGUE IC		
⚠ Q113			2SB1640	TRANSISTOR		
Q114			2SC1740S(Q,R)	TRANSISTOR		
Q114			2SC2785(F,E)	TRANSISTOR		
⚠ Q201			2SC1845(F,E)	TRANSISTOR		
⚠ Q203			2SA992(F,E)	TRANSISTOR		
Q301-306			2SC2878(B)	TRANSISTOR		
Q307,308			2SA992(F,E)	TRANSISTOR		
Q309-315			2SC1845(F,E)	TRANSISTOR		
Q316			2SA992(F,E)	TRANSISTOR		
Q317,318			2SC2878(B)	TRANSISTOR		
Q319			2SA992(F,E)	TRANSISTOR		
Q401			2SC1845(F,E)	TRANSISTOR		
Q402			2SA1535A	TRANSISTOR		
Q403			2SC3944A	TRANSISTOR		
Q404			2SC1845(F,E)	TRANSISTOR		
Q405			2SA992(F,E)	TRANSISTOR		

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Q406			2SB1640	TRANSISTOR		
Q407,408			2SC1845(F,E)	TRANSISTOR		
Q409			2SC1845(F,E)	TRANSISTOR	67	
Q410,411			DTC113ZSA	DIGITAL TRANSISTOR		
Q410,411			UN4219	DIGITAL TRANSISTOR		
Q412			2SC1740S(Q,R)	TRANSISTOR		
Q412			2SC2785(F,E)	TRANSISTOR		
Q701			2SC2878(B)	TRANSISTOR	7	
Q800			2SC1845(F,E)	TRANSISTOR	7	
Q801,802			2SA992(F,E)	TRANSISTOR	7	
Q803			DTC113ZSA	DIGITAL TRANSISTOR	7	
Q803			UN4219	DIGITAL TRANSISTOR	7	
DISPLAY (X14-7650-10/X14-7660-10)						
D805-808			B30-2545-05	LED(RED3(160))		
C801			CE04RW1H330M	ELECTRO 33UF 50WV		
C802,803			CE04RW1H010M	ELECTRO 1.0UF 50WV		
C804			CE04LW1H470M	ELECTRO 47UF 50WV		
C805			CE04RW1A101M	ELECTRO 100UF 10WV		
C806			CE04RW1E470M	ELECTRO 47UF 25WV		
C807			CE04RW1H100M	ELECTRO 10UF 50WV		
C809			CE04RW1H010M	ELECTRO 1.0UF 50WV		
C810			C90-1826-05	BACKUP-C 0.047F 5.5WV		
C811			CE04RW1A101M	ELECTRO 100UF 10WV		
C812			CE04HW1H100M	NP-ELEC 10UF 50WV		
C813			CK45FF1H103Z	CERAMIC 0.010UF Z		
C814			CC45FSL1H101J	CERAMIC 100PF J		
C815,816			CK45FF1H103Z	CERAMIC 0.010UF Z		
C817			CC45FSL1H101J	CERAMIC 100PF J		
C818,819			CK45FF1H103Z	CERAMIC 0.010UF Z		
C820,821			C91-0769-05	CERAMIC 0.010UF K		
C822-825			CK45FF1H103Z	CERAMIC 0.010UF Z		
C827			CE04RW1H100M	ELECTRO 10UF 50WV		
C828-832			CK45FF1H103Z	CERAMIC 0.010UF Z		
C833			CC45FSL1H101J	CERAMIC 100PF J		
C834			CQ93FMG1H103J	MYLAR 0.010UF J		
C835			CF92FV1H104J	MF-C 0.10UF J		
C836-839			C91-0745-05	CERAMIC 100PF K		
C840			CQ93FMG1H104J	MYLAR 0.10UF J		
C841			C91-0745-05	CERAMIC 100PF K		
C843			CE04KW1H2R2M	ELECTRO 2.2UF 50WV	M	
C844,845			CK45FF1H103Z	CERAMIC 0.010UF Z	M	
C846			CQ93FMG1H103J	MYLAR 0.010UF J		
C847,848			C91-0745-05	CERAMIC 100PF K		
C849			CC45FSL1H100D	CERAMIC 10PF D		
C850			CC45FSL1H101J	CERAMIC 100PF J		
C851			C91-0745-05	CERAMIC 100PF K		
CN801			E40-8502-05	FLAT CABLE CONNECTOR		
CN802			E40-8501-05	FLAT CABLE CONNECTOR		
CN803			E40-8503-05	FLAT CABLE CONNECTOR	456	
CN805			E40-3263-05	PIN ASSY		
X800			L78-0747-05	RESONATOR (4MHZ)		
X801			L78-0725-05	RESONATOR (8.38MHZ)		

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Teile ohne **Parts No.** werden nicht geliefert.

(21)

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
CP801			R90-0500-05	MULTI-COMP 100KX6 J 1/4W		
CP802			R90-0855-05	MULTI-COMP 100KX5 J		
CP803			R90-0493-05	MULTI-COMP 100KX9 J 1/6W		
R849			RD14NB2E2R2J	RD 2.2 J 1/4W		
S801-812			S70-0031-05	TACT SWITCH		
S801-812			S70-0086-05	TACT SWITCH		
S813,814			T99-0666-05	ROTARY ENCODER		
S815			T99-0664-05	ROTARY ENCODER		
D801			MTZJ6.2(B)	ZENER DIODE		
D801			RD6.2ES(B)	ZENER DIODE		
D802-804			HSS104A	DIODE		
D802-804			1SS133	DIODE		
D809			HSS104A	DIODE		
D809			1SS133	DIODE		
D810			HSS104A	DIODE	KPM	
D810			1SS133	DIODE	KPM	
D811			HSS104A	DIODE		
D811			1SS133	DIODE		
⚠ D812,813			RB441Q-40	DIODE		
D814			HSS104A	DIODE		
D814			1SS133	DIODE		
D816			HSS104A	DIODE	M	
D816			1SS133	DIODE	M	
D819-828			HSS104A	DIODE		
D819-828			1SS133	DIODE		
ED801			11MT129GNK	FLUORESCENT INDICATOR TUBE		
IC801			MN12510F	MOS-IC		
IC802			S-80840CNY	ANALOGUE IC		
IC803			XC6202P502TH	MOS-IC		
IC804		✻	MN101C49GGR	MI-COM IC	7	
IC804		✻	MN101C49KLE	MI-COM IC	456	
IC806			S-80840CNY	ANALOGUE IC	M	
Q802			2SC1740S(Q,R)	TRANSISTOR		
Q802			2SC2785(F,E)	TRANSISTOR		
Q803			2SA1175(F,E)	TRANSISTOR		
Q803			2SA933AS(Q,R)	TRANSISTOR		
Q804-807			2SC1740S(Q,R)	TRANSISTOR		
Q804-807			2SC2785(F,E)	TRANSISTOR		
A801			W02-2759-05	ELECTRIC CIRCUIT MODULE		
SUB (X25-6520-02) VR-707						
C501,502			CK73GB1H103K	CHIP C 0.010UF K		
C503-508			CC73GCH1H470J	CHIP C 47PF J		
C509,510			CE04LW1E470M	ELECTRO 47UF 25WV		
C511,512			CE04LW1H100M	ELECTRO 10UF 50WV		
J501		✻	E56-0049-05	CYLINDRICAL RECEPTACLE		
R501-503			RK73GB1J221J	CHIP R 220 J 1/16W		
R505			RD14NB2E100J	RD 10 J 1/4W		
R506			RK73GB1J680J	CHIP R 68 J 1/16W		
R507-510			RK73GB1J820J	CHIP R 82 J 1/16W		
R511,512			RK73GB1J104J	CHIP R 100K J 1/16W		
R513			RK73GB1J680J	CHIP R 68 J 1/16W		
R514			RD14NB2E100J	RD 10 J 1/4W		

L : Scandinavia **K :** USA **P :** Canada **R :** Mexico **C :** China **I :** Malaysia
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 ⚠ indicates safety critical components .

✻ New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

(22)

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
R517,518			RD14NB2E470J	RD 47 J 1/4W		
R552,553			RD14NB2E100J	RD 10 J 1/4W		
D501,502			HZS6.2N(B2)	ZENER DIODE		
D501,502			MTZJ6.2(B)	ZENER DIODE		
IC501,502			NJM2279M	ANALOGUE IC		
Q501			2SC3940A(R,S)	TRANSISTOR		
Q501			2SD863(E,F)	TRANSISTOR		
Q502			2SA1534A(R,S)	TRANSISTOR		
Q502			2SB764(E,F)	TRANSISTOR		

L : Scandinavia **K :** USA **P :** Canada **R :** Mexico **C :** China **I :** Malaysia
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 ⚠ indicates safety critical components .

Model Name	Model #		ABB.	Preamp	Audio	Display	Sub
KRF-V4070D	Y05-4642-71	E	E1	X08-3230-10	X09-6742-72	X14-7652-73	
KRF-V4070D-S	Y05-4640-70	X	X2	X08-3230-10	X09-6740-72	X14-7650-73	-
KRF-V4070D-S	Y05-4642-72	E	E2	X08-3230-10	X09-6742-72	X14-7652-73	-
KRF-V5070D	Y05-4660-21	M	M3	X08-3230-21	X09-6740-21	X14-7650-21	-
KRF-V5070D	Y05-4662-71	E	E3	X08-3230-10	X09-6742-71	X14-7652-71	-
KRF-V5070D-S	Y05-4660-22	M	M4	X08-3230-21	X09-6740-21	X14-7650-21	-
KRF-V5070D-S	Y05-4660-71	X	X4	X08-3230-10	X09-6740-71	X14-7650-71	-
KRF-V5070D-S	Y05-4662-72	E	E4	X08-3230-10	X09-6742-71	X14-7652-71	-
VR-705	Y05-4660-10	K	K1	X08-3230-10	X09-6740-10	X14-7650-10	-
VR-705	Y05-4661-01	P	P1	X08-3230-10	X09-6740-10	X14-7650-10	-
VR-705-S	Y05-4660-11	K	K6	X08-3230-10	X09-6740-10	X14-7650-10	
VR-705-S	Y05-4661-02	P	P6	X08-3230-10	X09-6740-10	X14-7650-10	
KRF-V5570D	Y05-4650-71	X	X5	X08-3230-10	X09-6750-71	X14-7650-72	-
KRF-V5570D-S	Y05-4650-21	M	M6	X08-3230-21	X09-6750-21	X14-7650-22	-
KRF-V5570D-S	Y05-4650-72	X	X6	X08-3230-10	X09-6750-71	X14-7650-72	-
KRF-V5570D-S	Y05-4652-71	E	E6	X08-3230-10	X09-6752-71	X14-7652-72	-
VR-715	Y05-4650-10	K	K3	X08-3230-10	X09-6750-10	X14-7650-11	-
VR-715	Y05-4651-01	P	P3	X08-3230-10	X09-6750-10	X14-7650-11	-
VR-715-S	Y05-465-12	K	K5	X08-3230-10	X09-6750-10	X14-7650-11	-
VR-715-S	Y05-4651-13	P	P5	X08-3230-10	X09-6750-10	X14-7650-11	-
VR-716	Y05-4650-11	K	K4	X08-3230-11	X09-6750-11	X14-7660-11	-
VR-716	Y05-4651-02	P	P4	X08-3230-11	X09-6750-11	X14-7660-11	-
KRF-V6070D	Y05-4670-21	M	M7	X08-3130-24	X09-6750-22	X14-7660-21	-
KRF-V6070D	Y05-4670-71	X	X7	X08-3130-14	X09-6750-72	X14-7660-71	-
KRF-V6070D	Y05-4672-71	E	E7	X08-3130-14	X09-6752-72	X14-7662-71	-
KRF-V6070D-S	Y05-4670-22	M	M8	X08-3130-24	X09-6750-22	X14-7660-21	-
KRF-V6070D-S	Y05-4670-72	X	X8	X08-3130-14	X09-6750-72	X14-7660-71	-
KRF-V6070D-S	Y05-4672-72	E	E8	X08-3130-14	X09-6752-72	X14-7662-71	-
VR-707	Y05-4670-10	K	K2	X08-3130-14	X09-6750-12	X14-7660-10	X25-6520-12
VR-707	Y05-4671-01	P	P2	X08-3130-14	X09-6750-12	X14-7660-10	X25-6520-12

HOW TO READ THE PARTS LIST
ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	ABB.	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
		X	P		E				
KRF-V4070D	*4*	-	-	-	E1	-	-	-	-
KRF-V4070D-S	*4*	X2	-	-	E2	-	-	-	-
KRF-V5070D	*5*	-	-	-	E3	-	-	-	-
KRF-V5070D-S	*5*	X4	-	-	E4	-	-	-	-
KRF-V5570D	*6*	X5	-	-	-	-	-	-	-
KRF-V5570D-S	*6*	X6	-	-	E6	-	-	-	-
KRF-V6070D	*7*	X7	-	-	E7	-	-	-	-
KRF-V6070D-S	*7*	X8	-	-	E8	-	-	-	-
VR-705	*5*	-	P1	-	-	-	-	-	-
VR-705-S	*5*	-	P6	-	-	-	-	-	-
VR-707	*7*	-	P2	-	-	-	-	-	-
VR-715	*6*	-	P3	-	-	-	-	-	-
VR-715-S	*6*	-	P5	-	-	-	-	-	-
VR-716	*6*	-	P4	-	-	-	-	-	-

MODEL	ABB.	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area	
							K	M	
KRF-V4070D	*4*	-	-	-	-	-	-	-	-
KRF-V4070D-S	*4*	-	-	-	-	-	-	-	-
KRF-V5070D	*5*	-	-	-	-	-	-	M3	-
KRF-V5070D-S	*5*	-	-	-	-	-	-	M4	-
KRF-V5570D	*6*	-	-	-	-	-	-	-	-
KRF-V5570D-S	*6*	-	-	-	-	-	-	M6	-
KRF-V6070D	*7*	-	-	-	-	-	-	M7	-
KRF-V6070D-S	*7*	-	-	-	-	-	-	M8	-
VR-705	*5*	-	-	-	-	-	K1	-	-
VR-705	*5*	-	-	-	-	-	K6	-	-
VR-707	*7*	-	-	-	-	-	K2	-	-
VR-715	*6*	-	-	-	-	-	K3	-	-
VR-715-S	*6*	-	-	-	-	-	K5	-	-
VR-716	*6*	-	-	-	-	-	K4	-	-

SPECIFICATIONS

For the U.S.A and Canada

AUDIO section

Rated power output during STEREO operation

100 watts per channel minimum RMS, both channels driven, at 8Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)

Effective power output during SURROUND operation
- FRONT (40 ~ 20 kHz, 0.7% T.H.D. at 8Ω one channel driven) ..... 100 W + 100 W
- CENTER (40 ~ 20 kHz, 0.7% T.H.D. at 8Ω one channel driven) ..... 100 W
- SURROUND (40 ~ 20 kHz, 0.7% T.H.D. at 8 Ω one channel driven) .....100 W + 100 W
- SURROUND BACK (80 Hz, 0.7% T.H.D. at 8 Ω one channel driven) (VR-707) .....100 W

Total harmonic distortion .....0.05% (1 kHz, 50 W, 8 Ω)
Frequency response
- CD ..... 20 Hz ~ 70 kHz, +0 dB, –3.0 dB

Signal to noise ratio (IHF'66)
- CD ..... 95 dB

Input sensitivity / impedance
- CD ..... 550 mV / 47 kΩ
- DVD/6CH INPUT (VR-707) ..... 550 mV / 47 kΩ

Output level / impedance
- TAPE REC..... 550 mV / 1 kΩ
- PRE OUT (SUBWOOFER) (VR-707) ..... 1.5 V / 2.2 kΩ

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

Loudness control
- VOLUME at -30dB level ..... +8 dB (at 100 Hz)

For other countries

AUDIO section

Rated power output during STEREO operation

100 watts per channel minimum RMS, both channels driven, at 8Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)

Effective power output during SURROUND operation
- FRONT (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven) .....100 W + 100 W
- CENTER (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven).... 100 W
- SURROUND (1 kHz, 0.7% T.H.D. at 8Ω one channel driven) .....100 W + 100 W
- SURROUND BACK (80 Hz, 0.7% T.H.D. at 8 Ω one channel driven) (KRF-V6070D) .....100 W

Total harmonic distortion ..... 0.05% (1 kHz, 50 W, 8 Ω)
Frequency response
- CD ..... 20 Hz ~ 70 kHz, +0 dB, –3.0 dB

Signal to noise ratio (IHF'66)
- CD, TUNER, AUX, TAPE ..... 95 dB

Input sensitivity / impedance
- CD ..... 550 mV / 47 kΩ
- DVD/6CH INPUT (KRF-V6070D) ..... 550 mV / 10 kΩ

Output level / impedance
- TAPE REC..... 550 mV / 1 kΩ
- PRE OUT (SUBWOOFER) (KRF-V6070D) ..... 1.5 V / 2.2 kΩ

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

Loudness control
- VOLUME at -30dB level ..... +8 dB (at 100 Hz)

DIGITAL AUDIO section

Sampling frequency ..... 32 kHz, 44.1 kHz, 48 kHz, 96 kHz
Input level / impedance / wave length
- Optical ..... (–15 dBm ~ –21 dBm), 660 nm ±30 nm
- Coaxial ..... 0.5 Vp-p / 75 Ω

VIDEO section

VIDEO inputs / outputs
- VIDEO (composite) ..... 1 Vp-p / 75 Ω

FM tuner section

Tuning frequency range ..... 87.5 MHz ~ 108.0 MHz
Usable sensitivity (MONO)
- VR-707 ..... 1.3 µV (75Ω)/ 13.2 dBf (75 kHz DEV., SINAD 30 dB)
- KRF-V6070D ..... 1.6 µV (75 Ω)/ 15.2 dBf (75 kHz DEV., SINAD 30 dB)

50dB quieting sensitivity
- STEREO..... 28 µV (75 Ω)/ 40.2 dBf

Total harmonic distortion (1 kHz)
- MONO ..... 0.5% (71.2 dBf input)
- STEREO..... 0.7% (71.2 dBf input)

Signal to noise ratio (1 kHz, 75 kHz DEV.)
- MONO ..... 75 dB (71.2 dBf input)
- STEREO..... 68 dB (71.2 dBf input)

Stereo separation (1 kHz) ..... 40 dB
Selectivity (±400 kHz) VR-707 ..... 70 dB
KRF-V6070D ..... 50 dB
Frequency response ..... (30 Hz ~ 15kHz), +0.5 dB, –3.0 dB

AM tuner section

Tuning frequency range
- 10 kHz step (VR-707) ..... 530 kHz ~ 1,700 kHz
- 10 kHz step (KRF-V6070D)..... 530 kHz ~ 1,610 kHz
- 9 kHz step (KRF-V6070D)..... 531 kHz ~ 1,602 kHz

Usable sensitivity (30% mod., S/N 20dB) (VR-707)
..... 16 µV / (600 µV/m)
Usable sensitivity (KRF-V6070D)..... 16 µV / (600 µV/m)
Signal to noise ratio (30% mod. 1 mV input) .....50 dB

GENERAL

Power consumption VR-707 ..... 2.2 A
KRF-V6070D 280W

AC outlet
- SWITCHED
- VR-707 ..... (total 150 W, 1.25 A max.)
- KRF-V6070D ..... (total 90 W max.)

Dimensions ..... W : 440 mm (17-5/16")
H : 143 mm (5-5/8")
D : 303 mm (11-15/16")

Weight (Net)
- VR-707 ..... 7.7 kg (17.00 lb)
- KRF-V6070D ..... 8.8 kg (19.40 lb)

Notes
1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

KRF-V4070D/V5070D/V6070D/VR-705/707/715/716

SPECIFICATIONS

For the U.S.A and Canada
AUDIO section (VR-705/715/716)

Rated power output during STEREO operation

100 watts per channel minimum RMS, both channels driven, at 8Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)

Effective power output during SURROUND operation
- FRONT (40 ~ 20 kHz, 0.7% T.H.D. at 8 Ω one channel driven) ..... 100 W + 100 W
- CENTER (40 ~ 20 kHz, 0.7% T.H.D. at 8Ω one channel driven) ..... 100 W
- SURROUND (40 ~ 20 kHz, 0.7% T.H.D. at 8 Ω one channel driven) ..... 100 W + 100 W
- SUBWOOFER (80 Hz, 0.7% T.H.D. at 8 Ω one channel driven) (VR-715/716) ..... 100 W

Total harmonic distortion ..... 0.05% (1 kHz, 50 W, 8 Ω)
Frequency response
- CD/DVD ..... 20 Hz ~ 70 kHz, +0 dB, –3.0 dB

Signal to noise ratio (IHF'66)
- CD/DVD, AUX, TAPE, VIDEO1, VIDEO2 ..... 95 dB

Input sensitivity / impedance
- CD/DVD ..... 550 mV / 47 kΩ
- DVD/6CH INPUT (VR-715/716)..... 550 mV / 47 kΩ

Output level / impedance
- TAPE REC..... 550 mV / 1 kΩ
- PRE OUT (SUBWOOFER) (VR-705) ..... 1.5 V / 2.2 kΩ

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

Loudness control
- VOLUME at -30dB level ..... +8 dB (at 100 Hz)

For other countries
AUDIO section (KRF-V5070D/V5570D)

Rated power output during STEREO operation

100 watts per channel minimum RMS, both channels driven, at 8Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)

Effective power output during SURROUND operation
- FRONT (1 kHz, 0.7% T.H.D. at 8Ω one channel driven) ..... 100 W + 100 W
- CENTER (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven) .... 100 W
- SURROUND (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven) ..... 100 W + 100 W
- SUBWOOFER (80 Hz, 0.7% T.H.D. at 8Ω one channel driven) (KRF-V5570D) ..... 100 W

Total harmonic distortion ..... 0.05% (1 kHz, 50 W, 8 Ω)
Frequency response
- CD/DVD ..... 20 Hz ~ 70 kHz, +0 dB, –3.0 dB

Signal to noise ratio (IHF'66)
- CD/DVD, AUX, TAPE, VIDEO1, VIDEO2 ..... 95 dB

Input sensitivity / impedance
- CD/DVD ..... 550 mV / 47 kΩ
- DVD/6CH INPUT (KRF-V5070D) ..... 550 mV / 10 kΩ

Output level / impedance
- TAPE REC..... 550 mV / 1 kΩ
- PRE OUT (SUBWOOFER) (KRF-V5070D) ..... 1.5 V / 2.2 kΩ

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

Loudness control
- VOLUME at -30dB level ..... +8 dB (at 100 Hz)

AUDIO section (KRF-V4070D)

Effective power output during STEREO operation
- 1 kHz, 0.7% T.H.D.,at 8 Ω ..... 50 W + 50 W

Rated power output during STEREO operation

40 watts per channel minimum RMS, both channels driven, at 8Ω from 40 Hz to 20 kHz with no more than 0.7% total harmonic distortion. (FTC)

Effective power output during SURROUND operation
- FRONT (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven) ..... 50 W + 50 W
- CENTER (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven) .... 50 W
- SURROUND (1 kHz, 0.7% T.H.D. at 8 Ω one channel driven) ..... 50 W + 50 W

Total harmonic distortion ..... 0.15% (1 kHz, 20 W, 8 Ω)
Frequency response
- CD/DVD ..... 20 Hz ~ 70 kHz, +0 dB, –3.0 dB

Signal to noise ratio (IHF'66)
- CD/DVD, AUX, TAPE, VIDEO1, VIDEO2 ..... 95 dB

Input sensitivity / impedance
- CD/DVD ..... 400 mV / 47 kΩ

Output level / impedance
- TAPE REC..... 400 mV / 1 kΩ
- PRE OUT (SUBWOOFER) ..... 1.5 V / 2.2 kΩ

Tone control
- BASS ..... ±10 dB (at 70 Hz)
- TREBLE..... ±10 dB (at 10 kHz)

Loudness control
- VOLUME at -30dB level ..... +8 dB (at 100 Hz)

DIGITAL AUDIO section

Sampling frequency ..... 32 kHz, 44.1 kHz, 48 kHz, 96 kHz
Input level / impedance / wave length
- Optical ..... (–15 dBm ~ –21 dBm), 660 nm ±30 nm
- Coaxial ..... 0.5 Vp-p / 75Ω

VIDEO section

VIDEO inputs / outputs
- VIDEO (composite) .....1 Vp-p / 75Ω

S-VIDEO inputs / outputs(VR-716)
- S-VIDEO (luminance signal).....1 Vp-p / 75Ω
- S-VIDEO (chrominance signal) .....0.286 Vp-p / 75Ω

FM tuner section

Tuning frequency range ..... 87.5 MHz ~ 108.0 MHz
Usable sensitivity (MONO)
- VR-705/715 ..... 1.3 µV (75 Ω)/ 13.2 dBf (75 kHz DEV., SINAD 30 dB)
- KRF-V5070D/V4070D/V5570D .....1.6 µV (75 Ω)/ 15.2 dBf (75 kHz DEV., SINAD 30 dB)

50dB quieting sensitivity
- STEREO..... 28 µV (75 Ω)/ 40.2 dBf

Total harmonic distortion (1 kHz)
- MONO ..... 0.5% (71.2 dBf input)
- STEREO..... 0.7% (71.2 dBf input)

Signal to noise ratio (1 kHz, 75 kHz DEV.)
- MONO ..... 75 dB (71.2 dBf input)
- STEREO..... 68 dB (71.2 dBf input)

Stereo separation (1 kHz) ..... 40 dB
Selectivity (±400 kHz) VR-705/715/716 .....70 dB
KRF-V5070D/V4070D/V5570D .....50 dB
Frequency response ..... (30 Hz ~ 15kHz), +0.5 dB, –3.0 dB

AM tuner section

Tuning frequency range
- 10 kHz step(VR-705/715/716) .....530 kHz ~ 1,700 kHz
- 10 kHz step(KRF-V5070D/V4070D/V5570D) .530 kHz ~ 1,610 kHz
- 9 kHz step(KRF-V5070D/V4070D/V5570D) .. 531 kHz ~ 1,602 kHz

Usable sensitivity(30% mod., S/N 20dB) (VR-705/715/716) ..... 16 µV / (600 µV/m)
Usable sensitivity (KRF-V5070D/V5570D/V4070D) 16 µV / (600 µV/m)
Signal to noise ratio (30% mod. 1 mV input) ..... 50 dB

GENERAL

Power consumption
- VR-705/715/716..... 2.2 A
- KRF-V5070D/V5570D..... 280W
- KRF-V4070D..... 200W

AC outlet
- SWITCHED
- VR-705/715 .....(total 150 W, 1.25 A max.)
- KRF-V5070D/V4070D/V5570D .....(total 90 W max.)

Dimensions .....W : 440 mm (17-5/16")
H : 143 mm (5-5/8")
D : 303 mm (11-15/16")

Weight (Net)
- VR-705/715/716 ..... 8.7 kg (19.18 lb)
- KRF-V5070D/V4070D/V5570D ..... 9.3 kg (20.50 lb)

Notes
1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

KRF-V4070D/V5070D/V6070D/VR-705/707/715/716

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