

X09-A/5-
CN4
2/4
AF-7

KRF-V6060D-S (X08-3130-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
GENERAL MARKET	MALAYSIA	I	0-21	NO	NO	27W40180N6702	YES	YES
	KOREA	H						
	AUSTRALIA	X	0-10				NO	NO
	U.K.	T						
	EUROPE	E						

KRF-V6060D (X08-3130-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
PX	EUROPE	Y	0-21	NO	NO	27W40180N6702	YES	YES
	EUROPE	E	0-10				NO	NO

VR-6050 (X08-3130-10)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
U.S.A.	CANADA	K	0-10	NO	NO	27W40180N6702	NO	NO
	CANADA	P						

KRF-V7060D-S (X08-3130-10)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
EUROPE	EUROPE	E	0-10	NO	NO	27W40180N6702	NO	NO

VR-6070 (X08-3130-12)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
U.S.A.	CANADA	K	0-12	YES	YES	27W40180N6A00	NO	NO
	CANADA	P						

KRF-X9060D (X08-3130-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
PX	EUROPE	Y	0-23	YES	YES	27W40180N6A00	YES	YES
	EUROPE	E	0-12				NO	NO

KRF-X9060D-G (X08-3130-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
GENERAL MARKET	KOREA	M	0-23	YES	YES	27W40180N6A00	YES	YES
	KOREA	H	0-12				NO	NO

KRF-X9060D-S (X08-3130-12)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
AUSTRALIA	U.K.	X	0-12	YES	YES	27W40180N6A00	NO	NO
	U.K.	T						
	EUROPE	E						

VR-6060 (X08-3130-11)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
U.S.A.	CANADA	K	0-11	YES	NO	27W40180N6902	NO	NO
	CANADA	P						

KRF-V8060D-G (X08-3130-22)

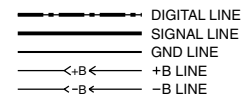
DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
GENERAL MARKET	GENERAL MARKET	M	0-22	YES	NO	27W40180N6902	YES	YES

KRF-V8060D-S (X08-3130-11)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
AUSTRALIA	EUROPE	X	0-11	YES	NO	27W40180N6902	NO	NO
	EUROPE	E						

KRF-V8060D (X08-3130-11)

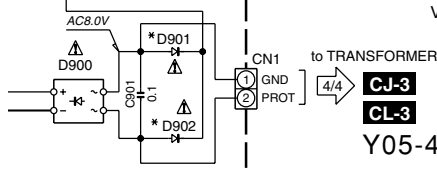
DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	IC51	S800	D901,902,
EUROPE	EUROPE	E	0-11	YES	NO	27W40180N6902	NO	NO



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 with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

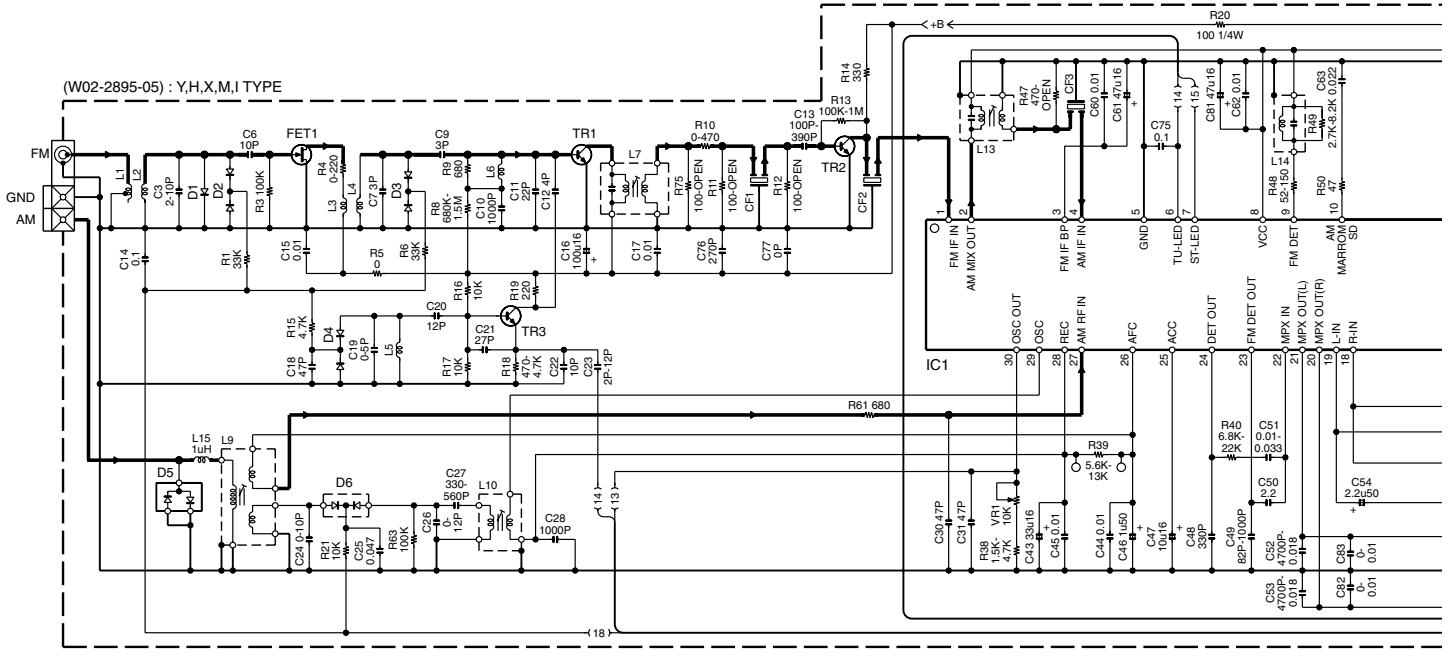
- IC2 : AK4112BVF
- IC3 : TC7WH241FU
- IC4 : AK4529-VQ
- IC5 : TC7SHU04FU
- IC6 : TC7WU04FU
- IC7 : TC74VHC175FT
- IC11,21,31,41,123 : NJM4565M or NJM4565MD
- IC12 : NJU7311AM
- IC50 : ADSST-MEL322
- IC51 : *
- IC52 : A61L6316-12V
- IC60 : TC74HCT7007AF
- IC61 : TC74VHC125FT
- IC91 : NJU7223F25
- IC92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



VR-6050/6060/6070/KRF-V6060D/V7060D/V8060D/X9060D (1/4)

CJ-3
CL-3
Y05-4660-10

KRF-V6060D/V7060D/V8060D/X9060D/VR-6050/6060/6070



VR-6050 (X09-6580-10)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-140, 189	C92.93, 141-142, 190-192, 227, 228, 326	C143, 144	C301, 302	C307	C322	C363	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6
U.S.A.	K		0-10	NO				YES		3.3u50	100u25	10P	22u50	0.1	NO	NO	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	MTZJ10(B) or RD10E(S)	MTZJ15(B) or RD15E(S)	MTZJ24(B) or RD24E(S)	NO	YES	NO
CANADA	P																											

KRF-V6060D (X09-658X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-142, 189, 191	C143, 144	C190.192, 227, 228, 326	C301, 302	C307	C322	C363	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6
PX	Y		0-21	NO				NO	YES	3.3u50	100u25	10P	22u50	0.22	YES	NO	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	YES	NO
EUROPE	E		2-71	YES																								

KRF-V6060D-S (X09-658X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-142, 189, 191	C143, 144	C190.192, 227, 228, 326	C301, 302	C307	C322	C363	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6
GENERAL MARKET	M																											
MALAYSIA	I		0-21	NO				NO	YES	3.3u50	100u25	10P	22u50	0.22	YES	NO	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	YES	NO
KOREA	H																											
AUSTRALIA	X																											
U.K.	T		2-71	YES																								
EUROPE	E																											

KRF-V7060D-S (X09-6582-71)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(C)	(E)	(B)	(D)	(F)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-142, 189, 191	C143, 144	C190.192, 227, 228, 326	C301, 302	C307	C322	C363	C369	CN5, 15	D23, 24	D25	D26	J4, 7	J6	K2-5	L6	Q313
EUROPE	E		2-71	YES		NO				3.3u50	100u25	10P	22u50	0.22	YES	NO	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	MTZJ10(B) or RD10E(S)	MTZJ24(B) or RD24E(S)	NO	YES	NO	S76-0098-05	NO	NO

VR-6070 (X09-6580-12)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C84.85, 183	C82.83, 143, 144, 181	C84.85, 183	C90.93, 139-142, 189, 191	C227, 228	C301, 302	C307	C322	C326	C307	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6	K2-5
U.S.A.	K		0-12	YES				NO		3.3u100	220u10	47u25	NO	47u25	0.22	YES	1000u74 C90-5749-05	180P	12P	22P	22u25	YES	NO	MTZJ10(B) or RD10E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	NO	YES	S76-0045-15
CANADA	P																													

KRF-X9060D (X09-658X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C82.83, 143, 144, 181	C84.85, 183	C90.93, 139-142, 189, 191	C227, 228	C301, 302	C307	C322	C326	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6	K2-5	L6
PX	Y		0-23	YES				NO		3.3u100	220u10	NO	47u25	0.22	YES	1000u74 C90-5749-05	180P	12P	22P	22u25	YES	NO	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	YES	S76-0045-15	YES
EUROPE	E		2-73																										

KRF-X9060D-G (X09-6580-23)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C82.83, 143, 144, 181	C84.85, 183	C90.93, 139-142, 189, 191	C227, 228	C301, 302	C307	C322	C326	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6	K2-5	L6	
GENERAL MARKET	M																													
KOREA	H		0-23	YES				NO		3.3u100	220u10	NO	47u25	0.22	YES	1000u74 C90-5749-05	180P	12P	22P	22u25	YES	NO	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	NO	YES	S76-0045-15	YES

KRF-X9060D-S (X09-658X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(D)	(F)	(C)	(E)	C64.65, 163	C74.75, 173	C82.83, 143, 144, 181	C84.85, 183	C90.93, 139-142, 189, 191	C227, 228	C301, 302	C307	C322	C326	C369	CN5, 15	D23	D24	D25	D26	J4, 7	J6	K2-5	L6
AUSTRALIA	X		0-23	YES				NO		3.3u100	220u10	NO	47u25	0.22	YES	1000u74 C90-5749-05	180P	12P	22P	22u25	YES	NO	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	YES	S76-0045-15	YES
EUROPE	E		2-73																										

VR-6060 (X09-6580-11)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	(E)	(F)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-140, 189, 190	C92.93, 141-142, 191, 192, 326	C227, 228	C301, 302	C307	C322	C363	C369	CN5, 15	CN15	D23	D24	D25	D26	J4, 6	J7	
U.S.A.	K		0-11	YES					NO	3.3u50	100u25	10P	22u50	0.1	NO	YES	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	NO	YES	MTZJ10(B) or RD10E(S)	MTZJ15(B) or RD15E(S)	MTZJ24(B) or RD24E(S)	NO	YES	NO
CANADA	P																													

KRF-V8060D-G (X09-6580-22)

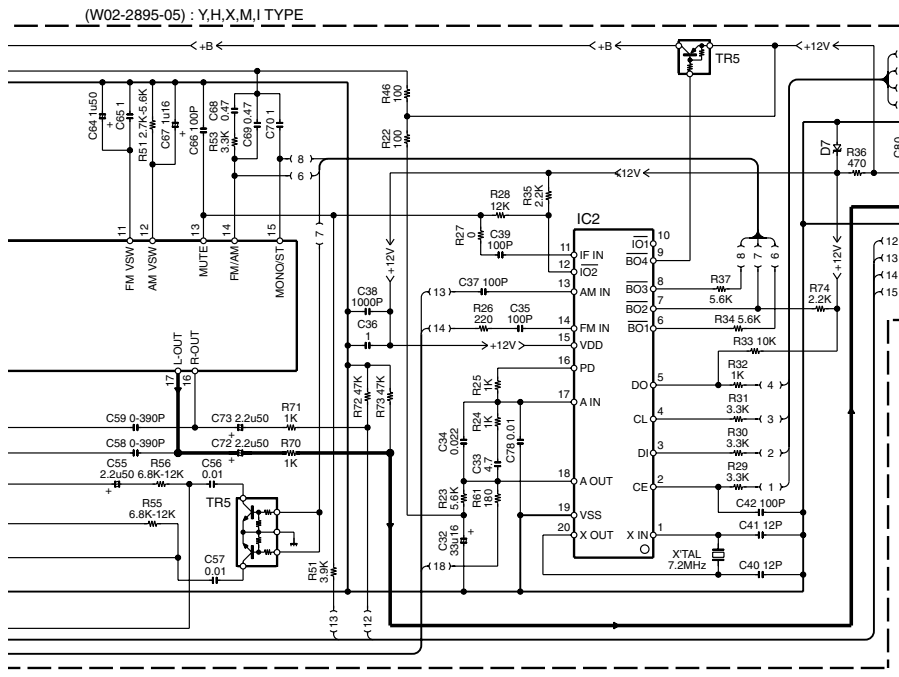
DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	(E)	(F)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-142, 189, 192	C143, 144, 326	C227, 228	C301, 302	C307	C322	C363	C369	CN5, 15	CN15	D23	D24	D25	D26	J4, 6	J7	K2-5
GENERAL MARKET	M		0-22	YES				NO		3.3u50	100u25	10P	22u50	0.22	NO	YES	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	YES	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	YES	NO	S76-0045-15

KRF-V8060D-S (X09-658X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	(E)	(F)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-142, 189, 192	C143, 144, 326	C227, 228	C301, 302	C307	C322	C363	C369	CN5, 15	CN15	D23	D24	D25	D26	J4, 6	J7	
AUSTRALIA	X		0-22	YES				NO		3.3u50	100u25	10P	22u50	0.22	NO	YES	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	NO	YES	MTZJ11(B) or RD11E(S)	MTZJ7.5(B) or RD7.5E(S)	MTZJ30(B) or RD30E(S)	NO	YES	NO
EUROPE	E		2-72																											

KRF-V8060D (X09-6582-72)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	(E)	(F)	C64.65, 163	C74.75, 173	C82.83, 181	C84.85, 183	C90.93, 139-142, 189, 192	C143, 144, 326	C227, 228	C301, 302	C307	C322	C363	C369	CN5, 15	CN15	D23, 24	D25	D26	J4, 6	J7	K2-5	L6	
EUROPE	E		2-72	YES				NO		3.3u50	100u25	10P	22u50	0.22	NO	YES	4700u75 C90-3984-05	220P	15P	22u16	33u16	NO	NO	YES	MTZJ10(B) or RD10E(S)	MTZJ24(B) or RD24E(S)	NO	YES	NO	S76-0098-05	YES



K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1,2,14,15,20-23	W3,4,13	WH1,4,221
S76-0045-15	NO	NO	220K	1.5K	390	NO	1	10K	2.2K	2.2K	1.2K	YES	NO	NO
S76-0098-05	NO	NO	47K	430	430	NO	1	10K	1.2K	1.5K	1.5K	NO	NO	NO

K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1,2,14,15,20-23	W3,4,13	WH1,4,221
S76-0045-15	NO	NO	220K	1.5K	390	NO	1	10K	2.2K	2.2K	1.2K	YES	NO	NO
S76-0098-05	NO	NO	47K	430	430	NO	1	10K	1.2K	1.5K	1.5K	NO	NO	NO

R13, 14	R65,66,63,18,413,414,603,604	R79,80,129,130,179	R200,202	R303	R304	R358,359,383,384,403,404	R413,414	R603,604	W1,2,5-7,10-15,20-23	W3,4	W8	WH1,4,221
47K	1.5K	430	NO	1	10K	1.2K	1.2K	1.2K	NO	YES	NO	NO

L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179,180	R200,202	R303	R304	R358,359,383,384,403,404	R413,414	R603,604	W1,2,5-7,10-15,20-23	W3,4	W8	WH1,4,221
YES	NO	47K	2.2K	1.6K	YES	560	8.2K	2.2K	2.2K	9.1K	1.2K	NO	YES	YES

Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179,180	R200,202	R303	R304	R358,359,383,384,403,404	R413,414	R603,604	W1,2,5-7,10-15,20-23	W3,4	W8	WH1,4,221
NO	47K	2.2K	1.6K	YES	560	8.2K	2.2K	2.2K	9.1K	1.2K	NO	YES	YES

Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179,180	R200,202	R303	R304	R358,359,383,384,403,404	R413,414	R603,604	W1,2,5-7,10-15,20-23	W3,4	W8	WH1,4,221
NO	47K	2.2K	1.6K	YES	560	8.2K	2.2K	2.2K	9.1K	1.2K	NO	YES	YES

K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1-4,10-15	W5-8,20-23	WH1,4	WH221
S76-0045-15	YES	NO	47K	1.5K	390	4.7K	YES	1	10K	2.2K	1.2K	NO	YES	YES	NO
S76-0098-05	YES	NO	47K	1.5K	430	5.1K	YES	1	10K	1.2K	1.5K	NO	YES	YES	NO

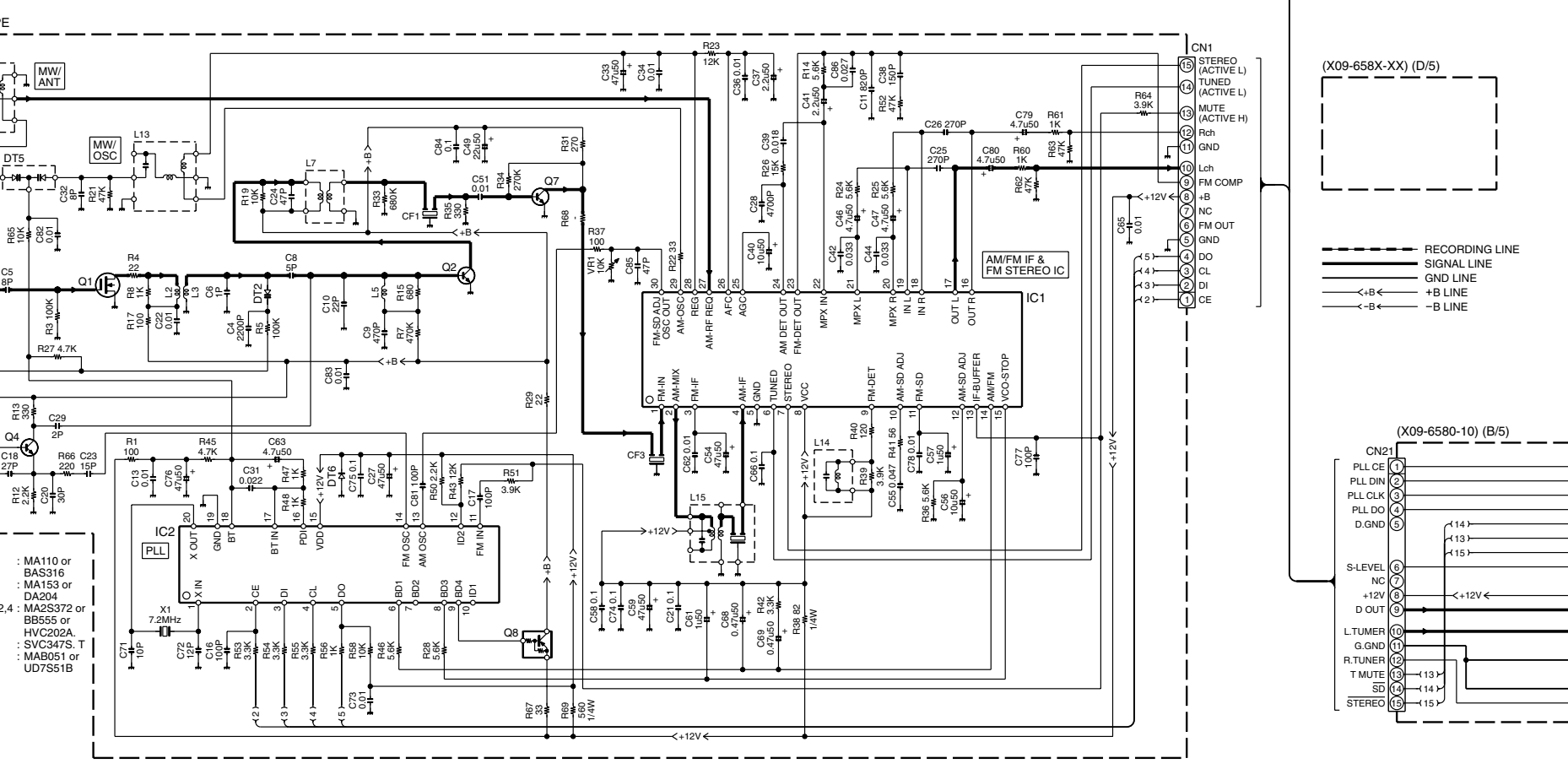
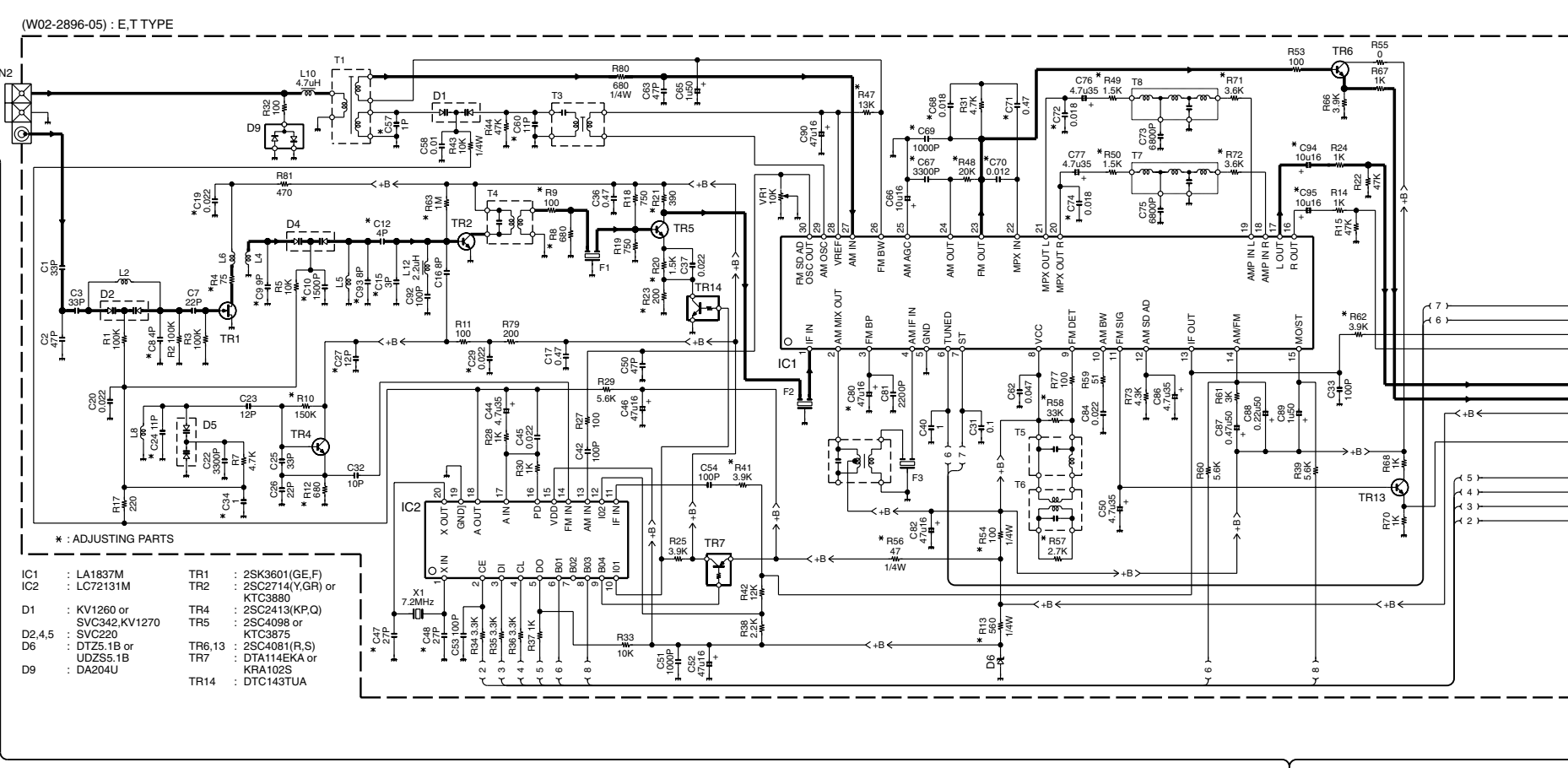
K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1-4,10-15	W5-8,20-23	WH1,4	WH221
S76-0045-15	YES	NO	47K	1.5K	390	4.7K	YES	1	10K	2.2K	1.2K	NO	YES	YES	NO
S76-0098-05	YES	NO	47K	1.5K	430	5.1K	YES	1	10K	1.2K	1.5K	NO	YES	YES	NO

K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1-4,10-15	W5-8,20-23	WH1,4	WH221
S76-0045-15	YES	NO	47K	1.5K	390	4.7K	YES	1	10K	2.2K	1.2K	NO	YES	YES	NO
S76-0098-05	YES	NO	47K	1.5K	430	5.1K	YES	1	10K	1.2K	1.5K	NO	YES	YES	NO

K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1-4,10-15	W5-8,20-23	WH1,4	WH221
S76-0045-15	YES	NO	47K	1.5K	390	4.7K	YES	1	10K	2.2K	1.2K	NO	YES	YES	NO
S76-0098-05	YES	NO	47K	1.5K	430	5.1K	YES	1	10K	1.2K	1.5K	NO	YES	YES	NO

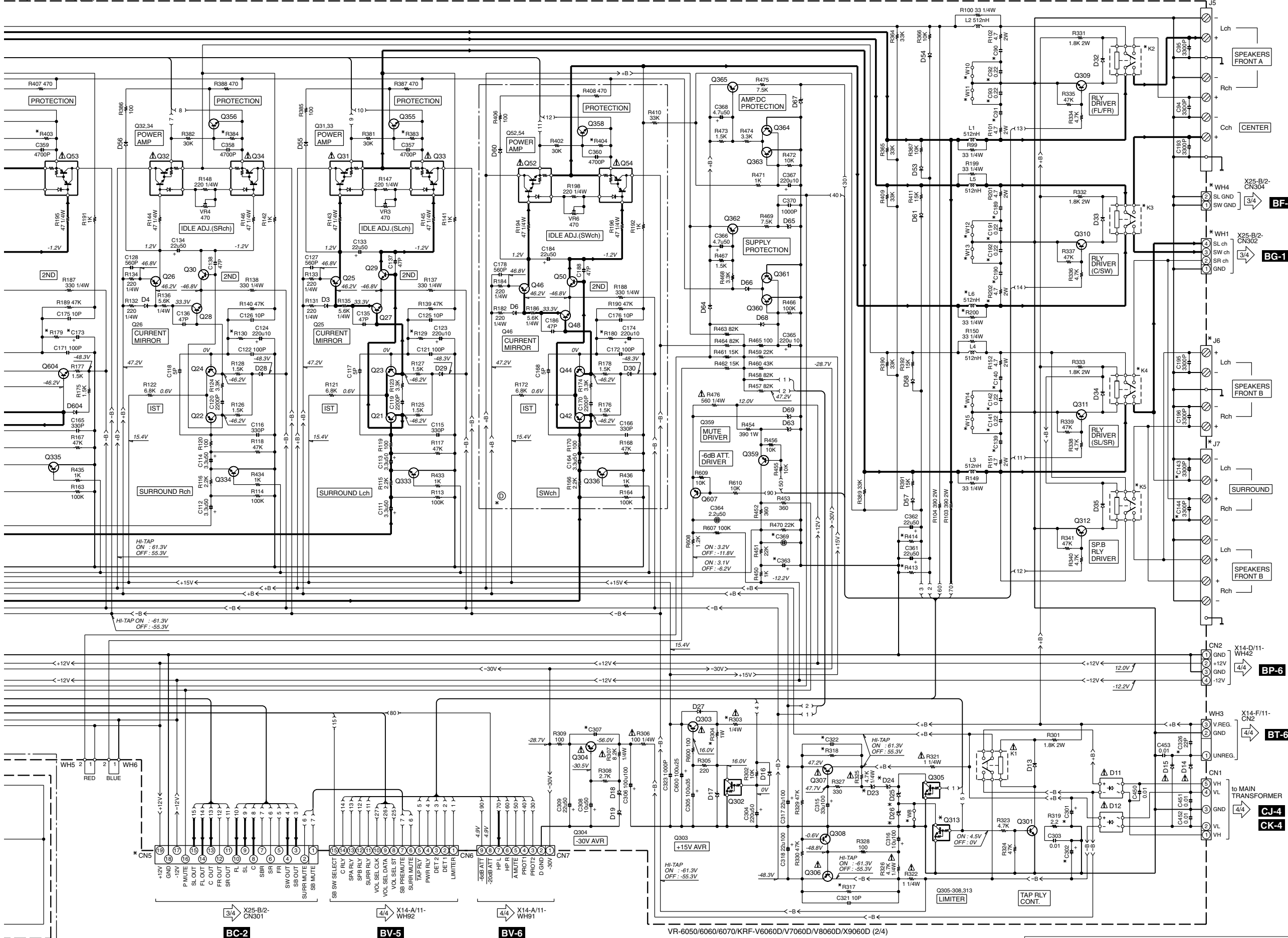
K2-5	L6	Q313	R13, 14	R65,66,63,18,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	R318	R413,414	W1-4,10-15	W5-8,20-23	WH1,4	WH221
S76-0045-15	YES	NO	47K	1.5K	390	4.7K	YES	1	10K	2.2K	1.2K	NO	YES	YES	NO
S76-0098-05	YES	NO	47K	1.5K	430	5.1K	YES	1	10K	1.2K	1.5K	NO	YES	YES	NO

Q313	R13, 14	R65,66,63,18,413,414,603,604	R79,80,129,130,179	R180,200,202	R303	R304,358,359,383,384,403,404	R317	W1-4,10-15	W5-8,20-23	WH1,4	WH221
NO	47K	1.5K	430	5.1K	YES	1	10K	1.2K	NO	YES	NO



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 right. 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



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.

BF-1

BG-1

BP-6

BT-6

CJ-4

CK-4

BC-2

BV-5

BV-6

VR-6050/6060/6070/KRF-V6060D/V7060D/V8060D/X9060D (2/4)

KRF-V6060D/V7060D/V8060D/X9060D/VR-6050/6060/6070

VR-6060 (X25-6490-10)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-10	NO	YES	YES
CANADA	P				

VR-6070 (X25-6490-11)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-11	YES	NO	
CANADA	P				

KRF-V8060D (X25-6492-71)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-10	NO	NO	
CANADA	P				

KRF-V8060D-G (X25-6492-71)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-11	NO	NO	
CANADA	P				

KRF-V8060D-S (X25-6492-71)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-11	NO	NO	
CANADA	P				

KRF-X9060D (X25-6492-72)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-10	YES	NO	NO
CANADA	P				

KRF-X9060D-G (X25-6492-72)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-11	YES	NO	NO
CANADA	P				

KRF-X9060D-S (X25-6492-72)

DESTINATION	UNIT	(A)	(C)	(D)	W5
COUNTRY	ABB.	No.			
U.S.A.	K	0-11	YES	NO	NO
CANADA	P				

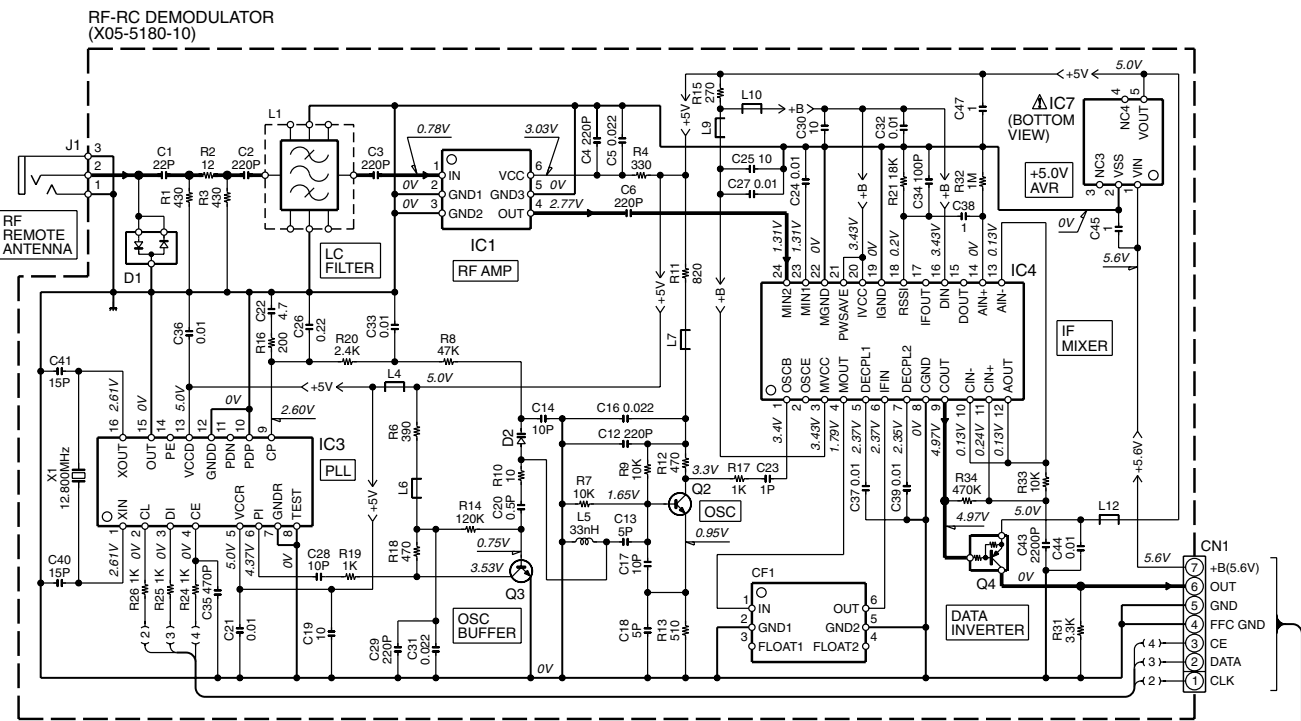
IC101 : NJM2284D
 IC102 : BA7666FS
 IC201 : BA05T
 IC202 : TC74HC00AP
 IC401,403 : NJM4580D-D
 IC402,404 : NJM4565D-D

Q101,201 : UN4212 or DTC124ESA
 Q202,203 : KTC3199(Y,GR) or 2SC2785(F,E) or 2SC1740S(Q,R)

Q204 : KTA1267(Y,GR) or 2SA1175(F,E) or 2SA933A(S,Q,R)

Q301-320,403-408,411,412 : 2SC2878(B)
 Q401,402,409 : DTA124ESA or UN4112

D201-206 : 1SS133 or HSS104A
 D401 : MTZJ3.9(B) or RD3.9ES(B)
 D402 : MTZJ5.1(B) or RD5.1ES(B)



RECEIVING FREQUENCY(MHz)/ VCO OSCILLATING FREQUENCY(MHz)/ TUNING VOLTAGE(V) TABLE

RECEIVING FREQUENCY	VCO OSCILLATING FREQUENCY	TUNING VOLTAGE
309.5	298.8	2.38 ± 0.5
315.0	304.3	2.56 ± 0.5

IC1 : UPC2748T-E3
 IC3 : LV2105V
 IC4 : TK14583V
 IC7 : XC6201P502MR

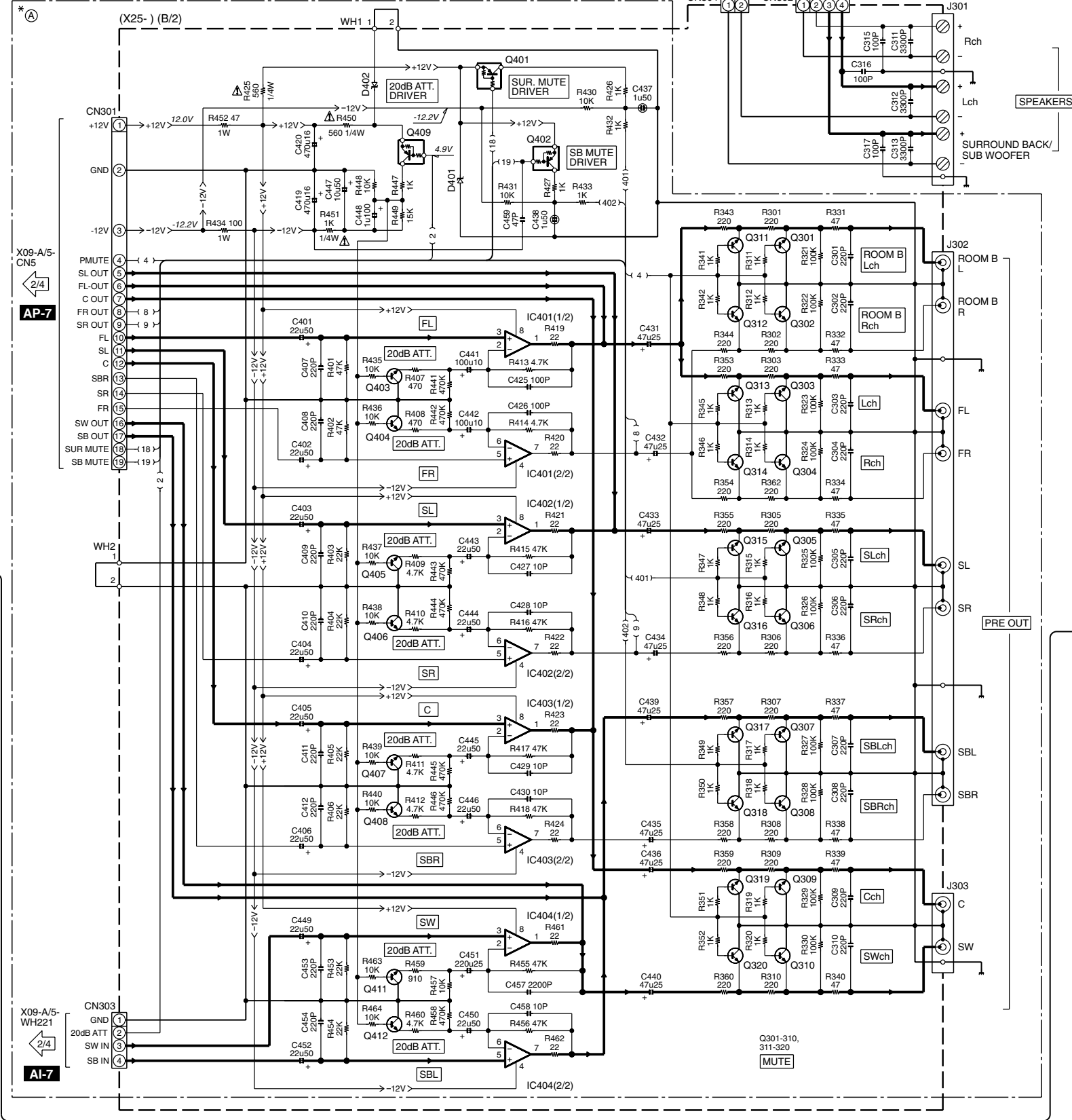
Q2,3 : 2SC5065(O, Y)
 Q4 : DTA124EUA

D1 : 1SS302
 D2 : KV1832E

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.

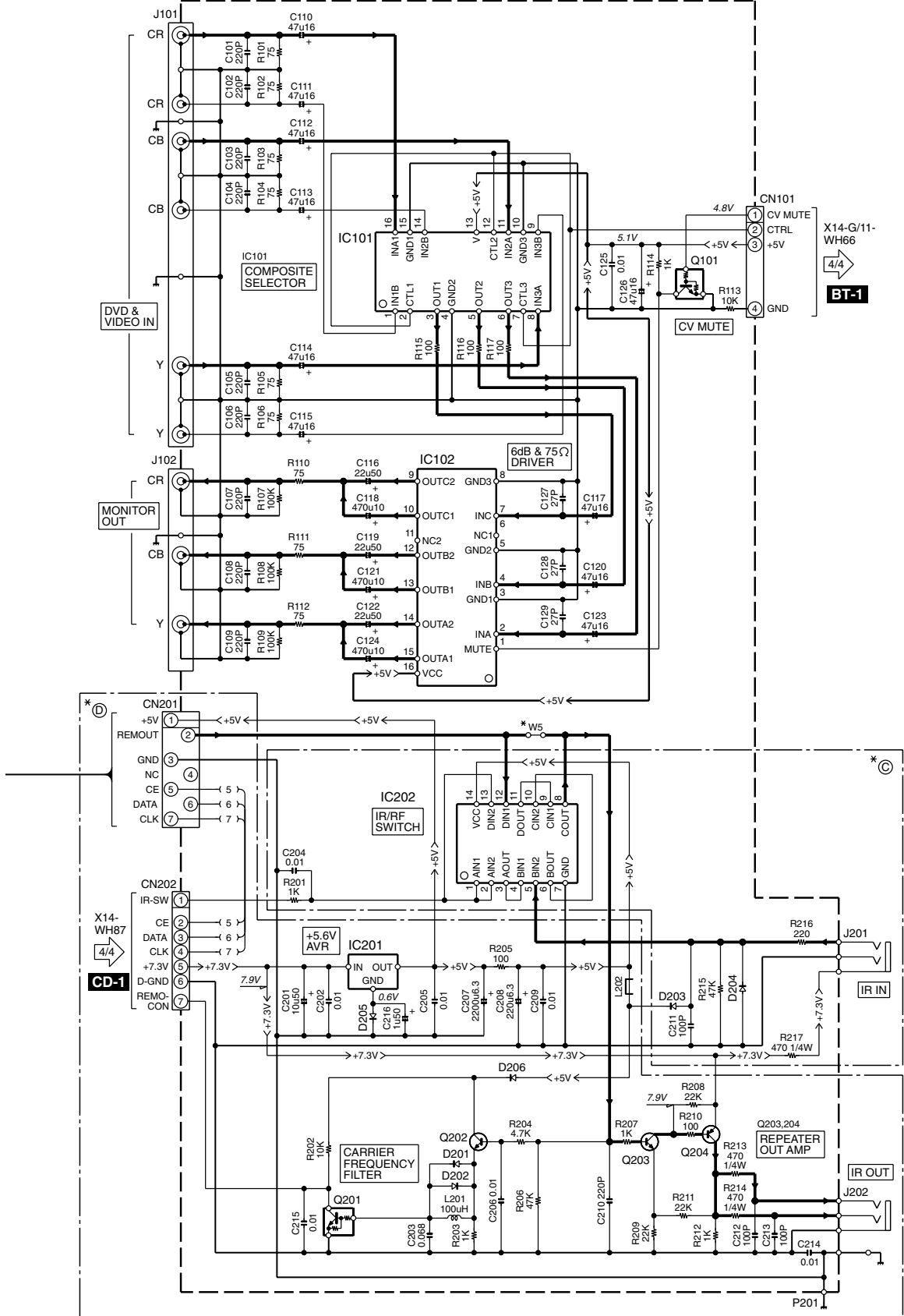
The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading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



Q301-310, 311-320 MUTE

(X25-649X-XX) (A/2)



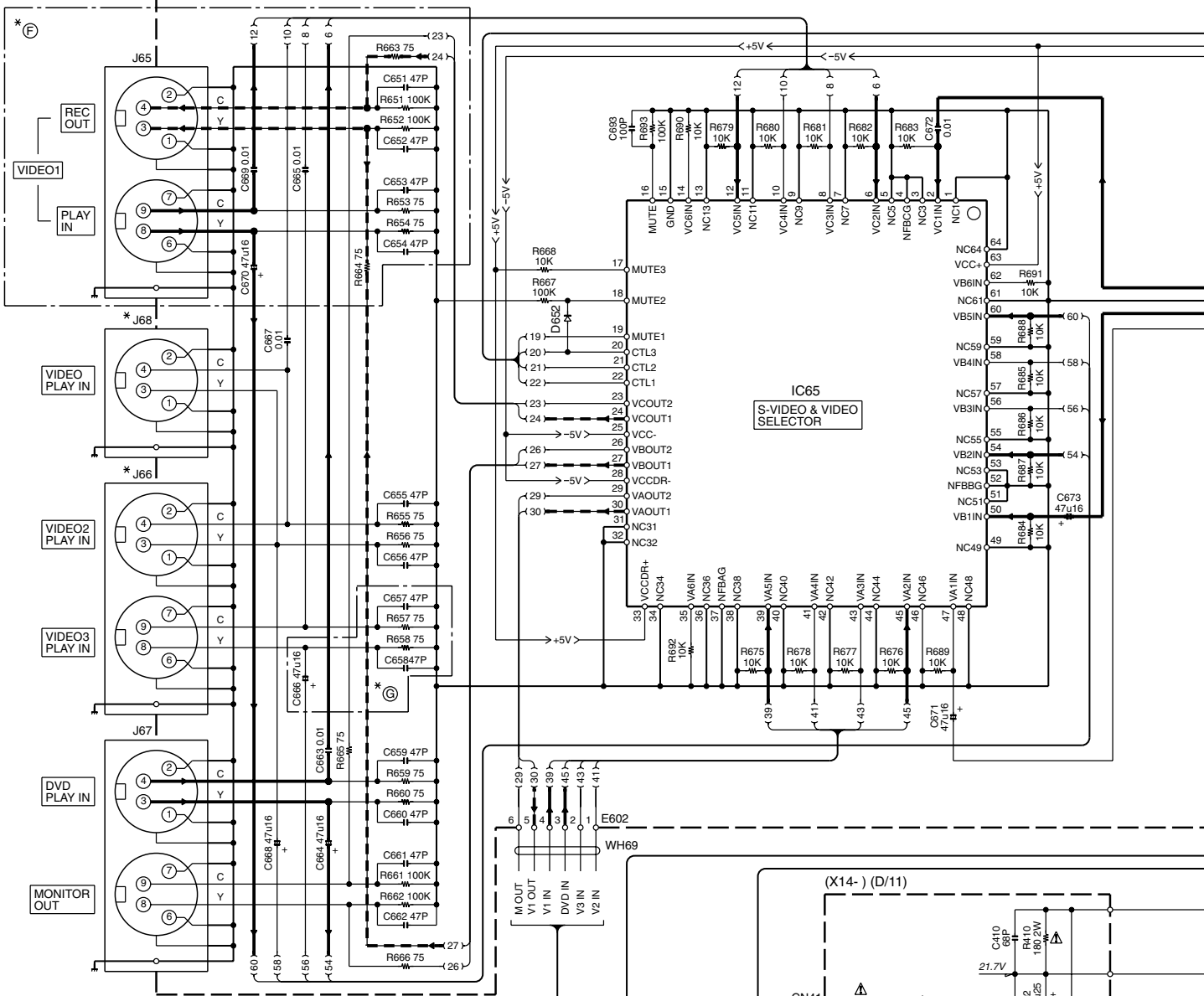
VR-6050/6060/6070/KRF-V6060D/V7060D/V8060D/X9060D (3/4)

KRF-V6060D/V7060D/V8060D/X9060D/VR-6050/6060/6070

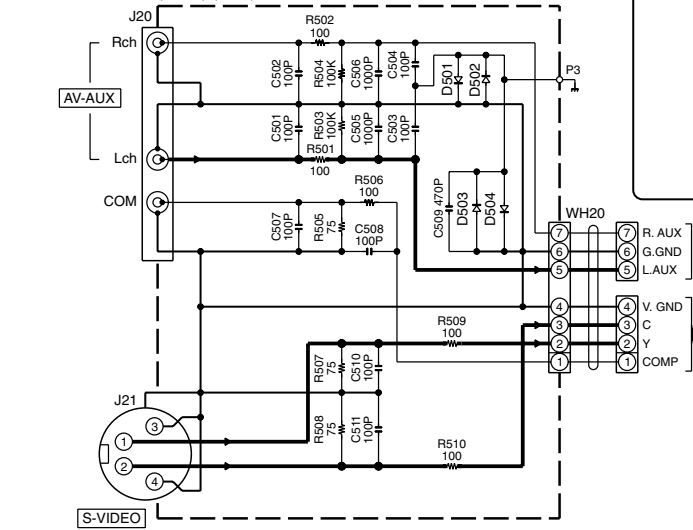
Y05-4660-10

KENWOOD

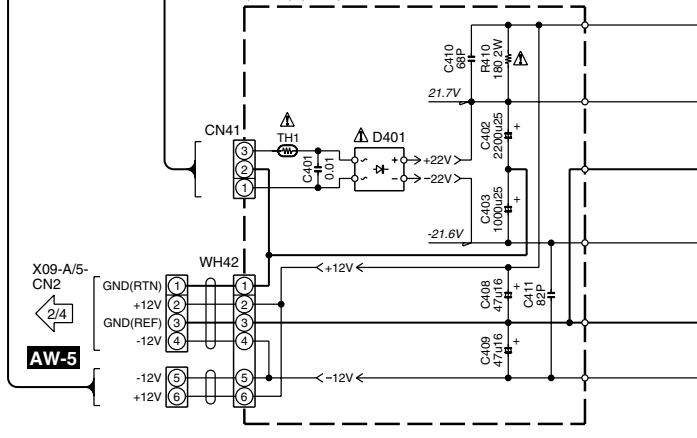
(X14-) (G/11)



(X14-) (H/11)



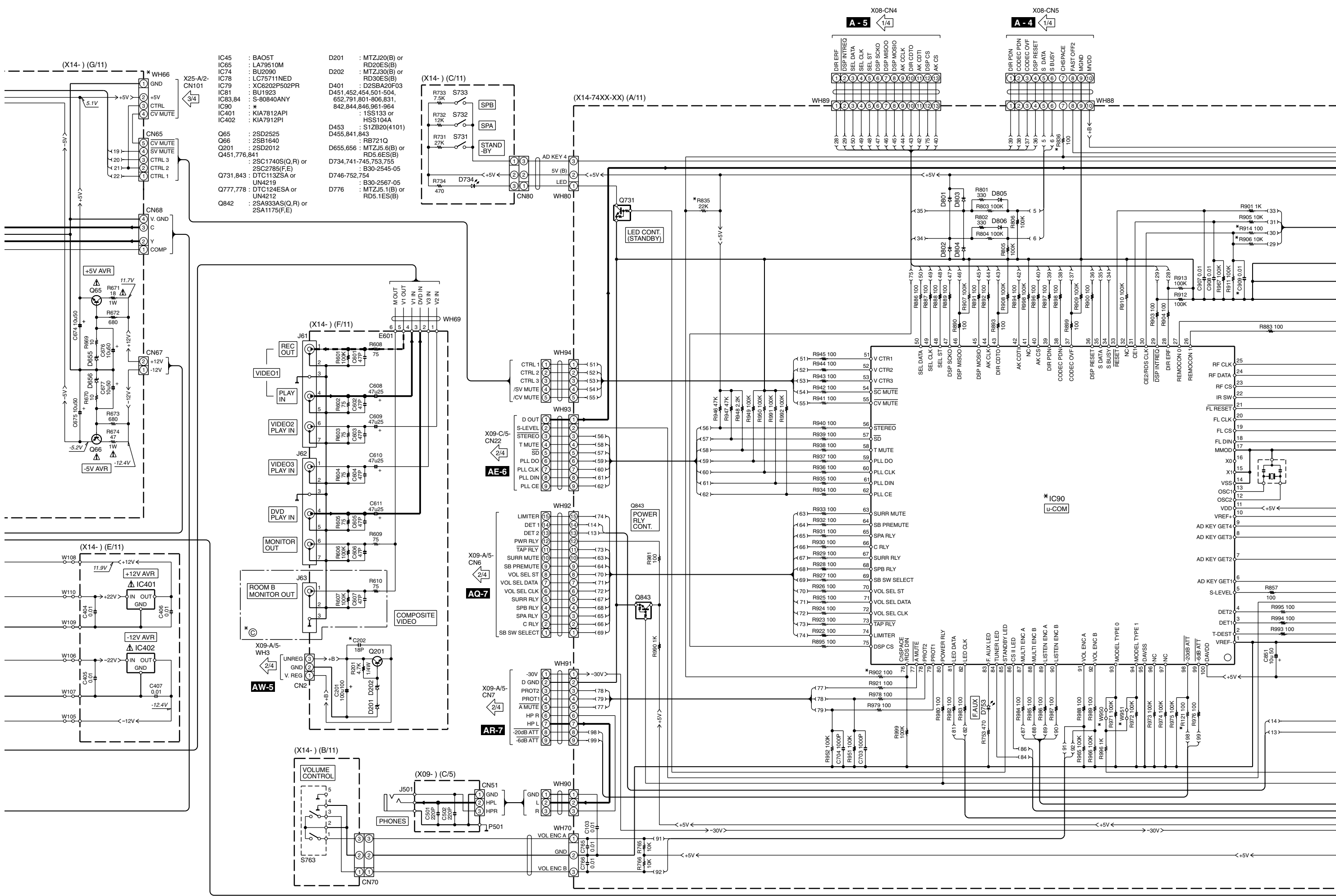
(X14-) (D/11)



X09-A/5-CN2 AW-5

X09-CN3 AH-7

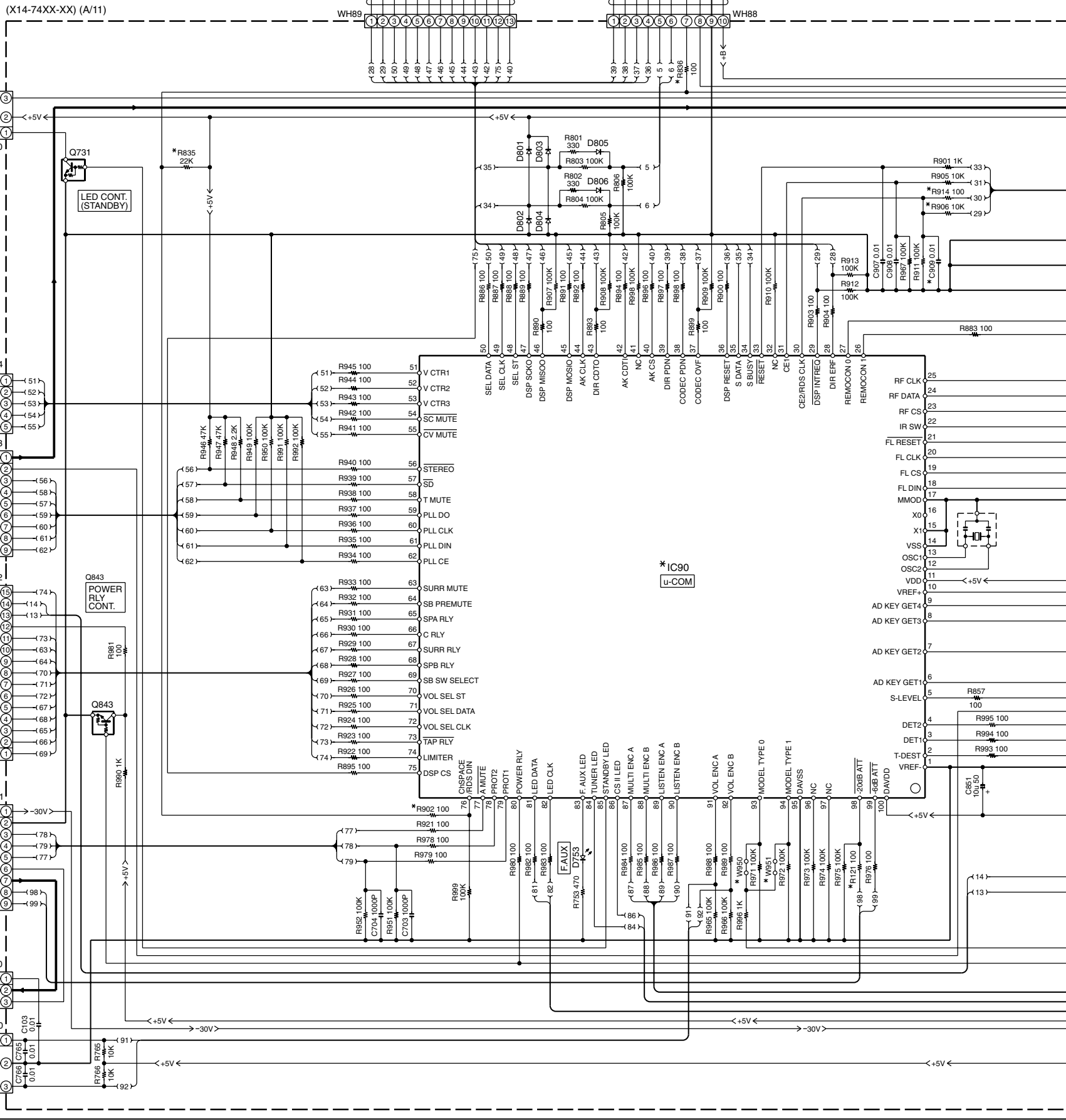
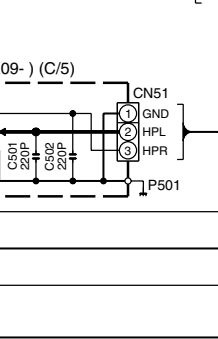
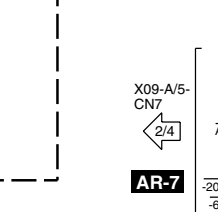
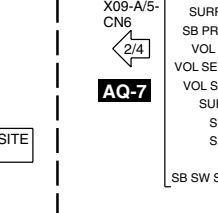
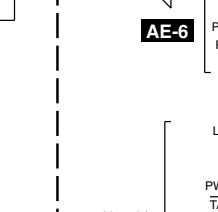
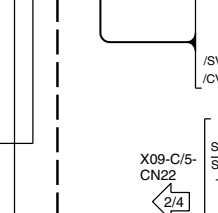
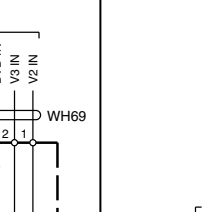
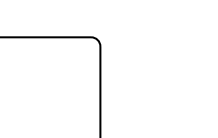
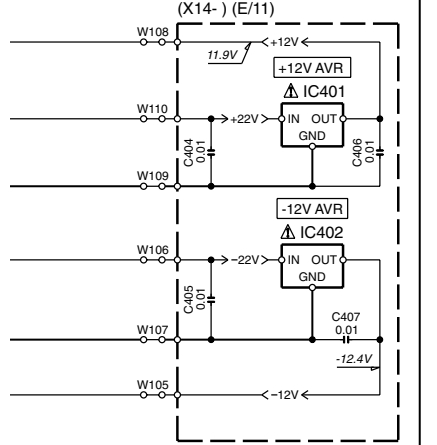
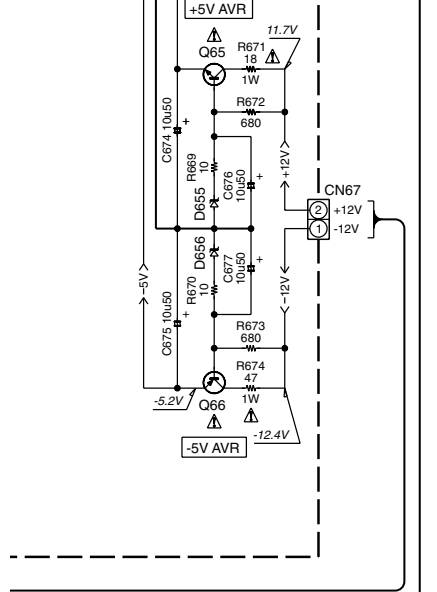
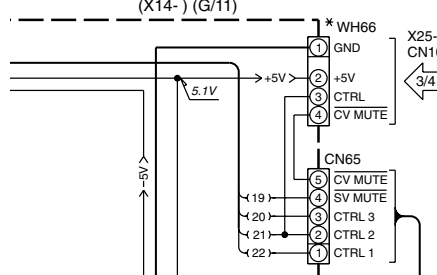
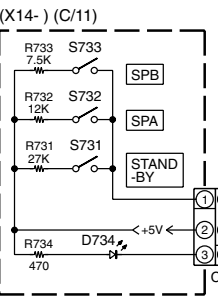
1
2
3
4
5
6
7

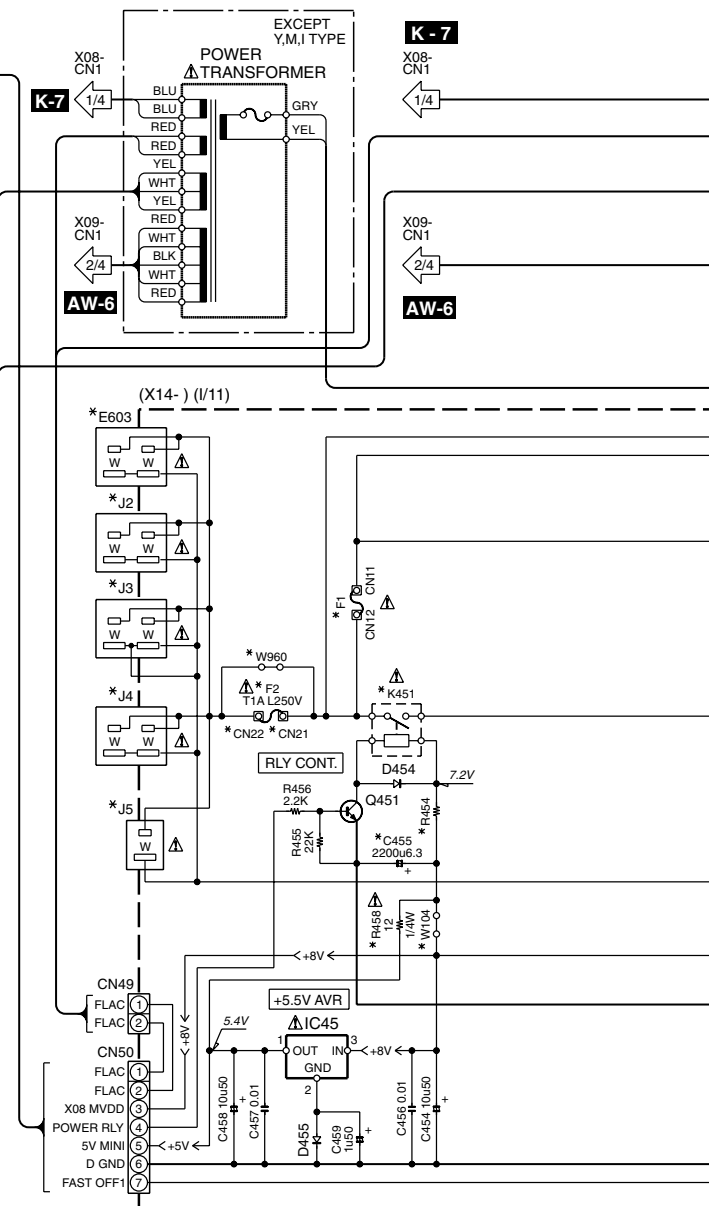
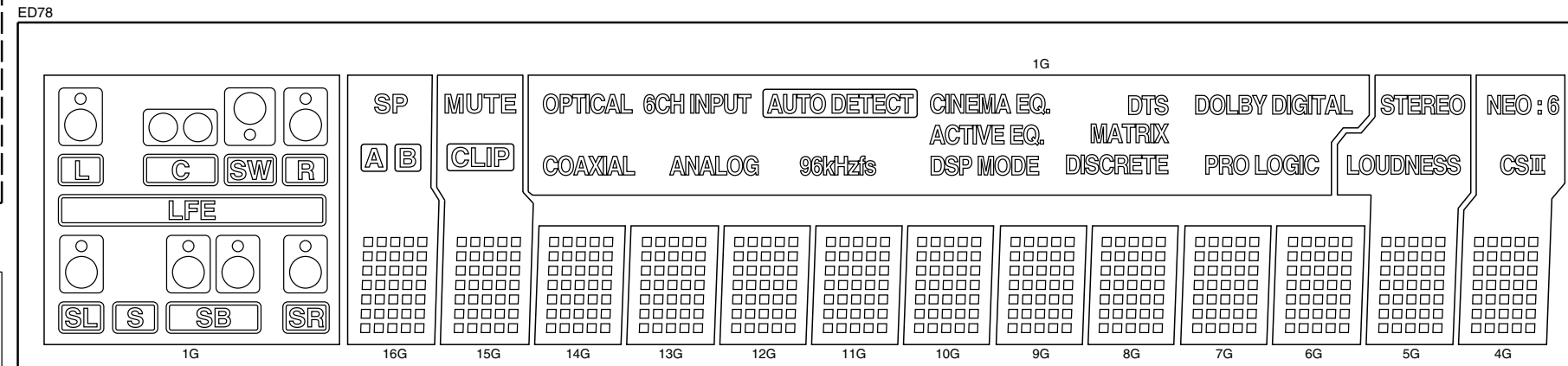
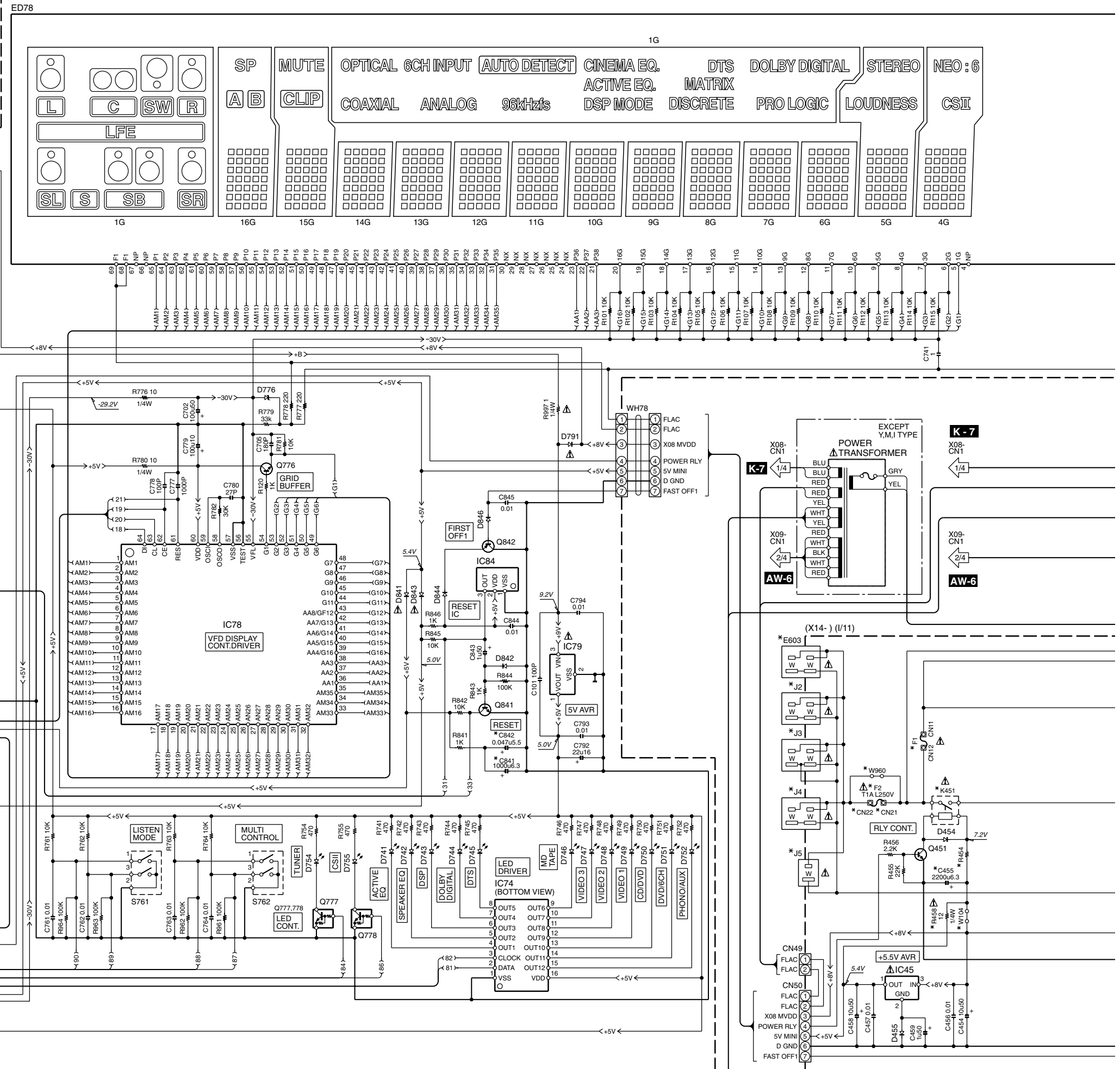
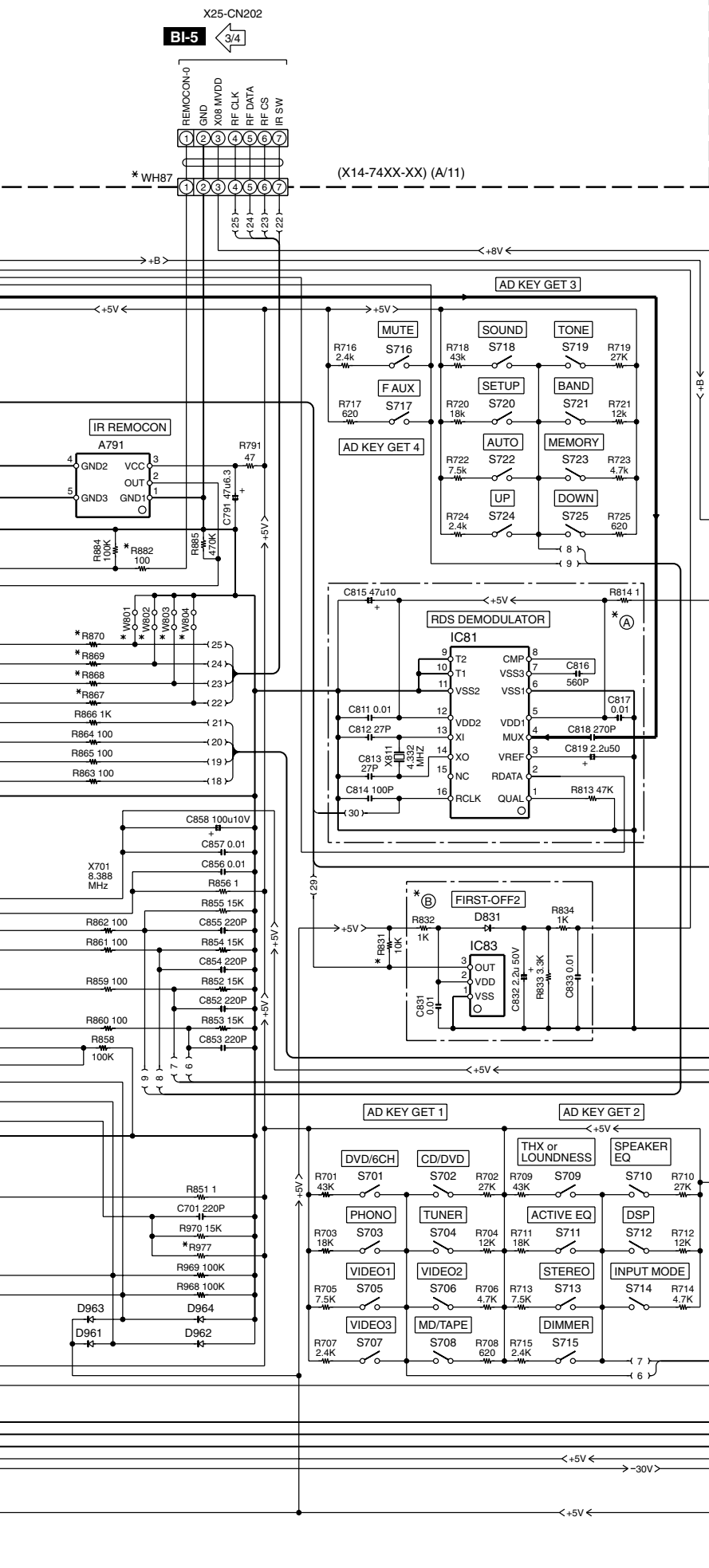


- IC45 : BAO5T
- IC65 : LA79510M
- IC74 : BU2090
- IC78 : LC75711NED
- IC79 : XC6202P502PR
- IC81 : BU1923
- IC83,84 : S-80840ANY
- IC90 : * KIA7812API
- IC401 : KIA7912PI
- IC402 : KIA7912PI

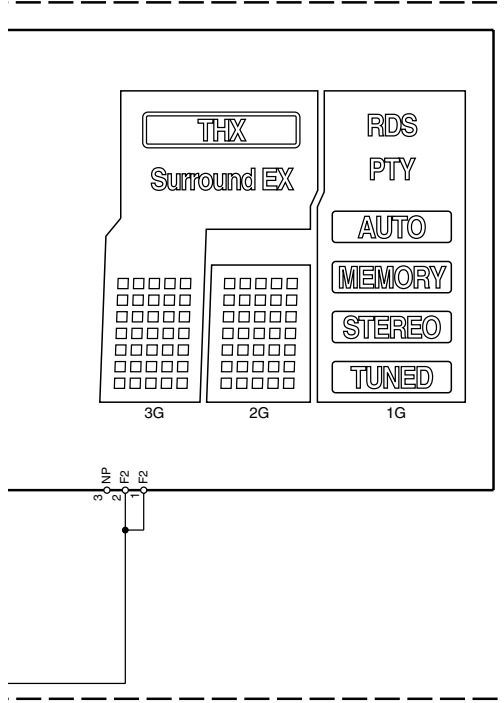
- D201 : MTZJ20(B) or RD20ES(B)
- D202 : MTZJ30(B) or RD30ES(B)
- D401 : D2SBA20F03
- D451,452,454,501-504,552,791,801-806,831,842,844,846,961-964
- D453 : S1ZB20(4101)
- D455,841,843
- D731 : RB721Q
- D734,741-745,753,755
- D746-752,754
- D766 : MTZJ5.1(B) or RD5.1ES(B)

- Q65 : 2SD2525
- Q66 : 2SB1640
- Q201 : 2SD2012
- Q451,776,841
- Q731,843 : DTC113ZSA or UN4219
- Q777,778 : DTC124ESA or UN4212
- Q842 : 2SA933AS(Q,R) or 2SA1175(F,E)





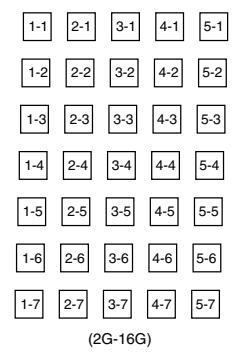
(X14-74XX-XX) (A/11)



ANODE CONNECTION

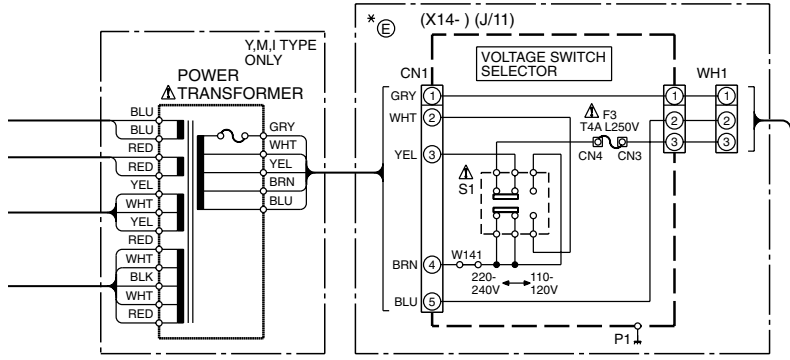
	1G	2G	3G	4G	5G	6-14G	15G	16G
P1	L	1-1	1-1	1-1	1-1	1-1	1-1	1-1
P2	C	2-1	2-1	2-1	2-1	2-1	2-1	2-1
P3	R	3-1	3-1	3-1	3-1	3-1	3-1	3-1
P4	SR	4-1	4-1	4-1	4-1	4-1	4-1	4-1
P5	SB	5-1	5-1	5-1	5-1	5-1	5-1	5-1
P6	SL	1-2	1-2	1-2	1-2	1-2	1-2	1-2
P7	S	2-2	2-2	2-2	2-2	2-2	2-2	2-2
P8	SW	3-2	3-2	3-2	3-2	3-2	3-2	3-2
P9	LFE	4-2	4-2	4-2	4-2	4-2	4-2	4-2
P10	(L)	5-2	5-2	5-2	5-2	5-2	5-2	5-2
P11	(C)	1-3	1-3	1-3	1-3	1-3	1-3	1-3
P12	(R)	2-3	2-3	2-3	2-3	2-3	2-3	2-3
P13	(SR)	3-3	3-3	3-3	3-3	3-3	3-3	3-3
P14	(SBR)	4-3	4-3	4-3	4-3	4-3	4-3	4-3
P15	(SBL)	5-3	5-3	5-3	5-3	5-3	5-3	5-3
P16	(SL)	1-4	1-4	1-4	1-4	1-4	1-4	1-4
P17	(SW)	2-4	2-4	2-4	2-4	2-4	2-4	2-4

P18	OPTICAL	3-4	3-4	3-4	3-4	3-4	3-4	3-4
P19	COAXIAL	4-4	4-4	4-4	4-4	4-4	4-4	4-4
P20	CH INPUT	5-4	5-4	5-4	5-4	5-4	5-4	5-4
P21	ANALOG	1-5	1-5	1-5	1-5	1-5	1-5	1-5
P22	AUTO DETECT	2-5	2-5	2-5	2-5	2-5	2-5	2-5
P23	MEMO	3-5	3-5	3-5	3-5	3-5	3-5	3-5
P24	CINEMA EQ	4-5	4-5	4-5	4-5	4-5	4-5	4-5
P25	ACTIVE EQ	5-5	5-5	5-5	5-5	5-5	5-5	5-5
P26	DSP MODE	1-6	1-6	1-6	1-6	1-6	1-6	1-6
P27	DTS	2-6	2-6	2-6	2-6	2-6	2-6	2-6
P28	MATRIX	3-6	3-6	3-6	3-6	3-6	3-6	3-6
P29	DISCRETE	4-6	4-6	4-6	4-6	4-6	4-6	4-6
P30	DOLBY DIGITAL	5-6	5-6	5-6	5-6	5-6	5-6	5-6
P31	PRO LOGIC	1-7	1-7	1-7	1-7	1-7	1-7	1-7
P32		2-7	2-7	2-7	2-7	2-7	2-7	2-7
P33	RDS	3-7	3-7	3-7	3-7	3-7	3-7	3-7
P34	PTY	4-7	4-7	4-7	4-7	4-7	4-7	4-7
P35	AUTO	5-7	5-7	5-7	5-7	5-7	5-7	5-7
P36	MEMORY		THX	NEO:6	LOUDNESS		MUTE SP	
P37	STEREO		Surround EX	CSI	STEREO		CLIP	A
P38	TUNED							B



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 with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



VR-6050 (X14-742X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	C	D	E	F	G	C202,455,842,909	C452	C453	C841	CN21,22,48	CN47	E603	F1	F2	IC90	J2,66	J3-5,66	K451	R121,458,831,835,836,882,902,906,914,977	R451	R454	R457	R867,870	T1	W121,801,804,950,960	W951	WH5,66,87
U.S.A.	K		0-10								NO			NO	NO	NO	NO	125V 10A	NO	MN101C49 GGH	YES	NO	S76-0107-05		39K	27 1/4W	YES	100K	L07-2809-05	YES	NO	NO
CANADA	P										NO			NO	NO	NO	NO	125V 10A	NO	MN101C49 GGH	YES	NO	S76-0107-05		39K	27 1/4W	YES	100K	L07-2809-05	YES	NO	NO

KRF-V6060D (X14-742X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	C	D	E	F	G	C202,841	C452	C453	C455,909	C842	CN21,22	CN47	CN48	E603	F1	F2	IC90	J2,66	J3	J4,5,66	J66	K451	R121,457,882	R451	R454	R458,831,835,836,882,906	R867,870	R902	R914	R977	T1	W121,951,960	W801-804,950	WH5	WH66,87	
PX	Y		2-91	NO	YES						NO	0.068	3300u 25	YES	YES	YES	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	18K	15 1/4W	YES	100K	YES	NO	12K	L07-2805-05	NO	YES	YES	NO	
EUROPE	E		2-71	YES	NO						NO	0.039	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	NO	NO	NO	NO	NO	NO	NO	130K	27 1/4W	NO	NO	NO	100K	YES	27K	L07-2761-05	NO	YES	YES	NO

KRF-V6060D-S (X14-742X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	C	D	E	F	G	C202,841	C452	C453	C455,909	C842	CN21,22	CN47	CN48	E603	F1	F2	IC90	J2,66	J3	J4	J5	J66	K451	R121,457,882	R451	R454	R458,831,835,836,882,906	R867,870	R902	R914	R977	T1	W121,951,960	W801-804,950	WH5	WH66,87	
GENERAL MARKET	M		0-21	NO	YES						NO	0.068	3300u 25	YES	YES	YES	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	18K	15 1/4W	YES	100K	YES	NO	12K	L07-2805-05	NO	YES	YES	NO		
KOREA	H		4-11	NO							NO	0.047	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	NO	NO	NO	NO	NO	NO	NO	150K	27 1/4W	NO	NO	NO	100K	YES	NO	4.7K	L07-2758-05	NO	YES	YES	NO
AUSTRALIA	X		0-71	NO							NO	0.039	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	130K	27 1/4W	NO	NO	NO	100K	YES	27K	L07-2761-05	NO	YES	YES	NO	
U.K.	T		0-51	YES	NO						NO	0.039	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	130K	27 1/4W	NO	NO	NO	100K	YES	27K	L07-2761-05	NO	YES	YES	NO	
EUROPE	E		2-71	YES	NO						NO	0.039	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	130K	27 1/4W	NO	NO	NO	100K	YES	27K	L07-2761-05	NO	YES	YES	NO	

KRF-V7060D-S (X14-7422-71)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	D	B	C	E	F	G	C202,455,841,909	C452	C453	C842	CN21,22,47	CN48	E603	F1	F2	IC90	J2,4,5,66	J3,66	K451	R121,457,458,831,835,836,882,906	R451	R454	R867,870	R902,914	R977	T1	W121,951,960	W801-804,950	WH5	WH66,87			
EUROPE	E		2-71	YES							NO	0.039	3300u 25	YES	YES	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	130K	27 1/4W	100K	YES	27K	L07-2761-05	NO	YES	YES	NO

VR-6070 (X14-7430-11)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	D	E	C	F	G	C202,455,842,909	C452	C453	C841	CN21,22,48	CN47	E603	F1	F2	IC90	J2,66	J3-5,66	K451	R121,457,882	R451	R454	R458,831,835,836,882,906	R867,870	T1	W121,951,960	W801-804,950,951	WH5	WH66,87
U.S.A.	K		0-11								NO	0.1	3300u 16	YES	NO	NO	NO	NO	NO	125V 10A	NO	NO	NO	NO	NO	NO	NO	100	L07-2809-05	YES	NO	NO	YES
CANADA	P										NO	0.1	3300u 16	YES	NO	NO	NO	NO	NO	125V 10A	NO	NO	NO	NO	NO	NO	NO	100	L07-2809-05	YES	NO	NO	YES

KRF-X9060D (X14-7432-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	E	C	D	F	G	C202,841	C452	C453	C455,909	C842	CN21,22	CN47	CN48	E603	F1	F2	IC90	J2,66	J3	J4,5,66	J66	K451	R121,902	R451	R454	R457,882	R458,831,835,836,882,906	R867,870	R914	R977	T1	W121,950,951,960	W801-804,950	WH5,66	WH87	
PX	Y		2-92	NO	YES						NO	0.068	3300u 25	YES	YES	YES	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	18K	15 1/4W	NO	NO	NO	100K	NO	12K	L07-2805-05	NO	YES	YES	NO
EUROPE	E		2-72	YES	NO						NO	0.039	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	NO	NO	NO	NO	NO	NO	NO	130K	27 1/4W	NO	NO	NO	100K	YES	27K	L07-2761-05	NO	YES	YES	NO

KRF-X9060D-G (X14-74XX-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	E	C	D	F	G	C202,841	C452	C453	C455,909	C842	CN21,22	CN47	CN48	E603	F1	F2	IC90	J2,4,5,66	J3,66	J66	K451	R121,831,835,902,906	R451	R454	R457,882,914	R458,836	R867,870	R977	T1	W121,950,951,960	W801-804,950	WH5,66	WH87			
GENERAL MARKET	M		30-22	NO							NO	0.068	3300u 25	YES	YES	YES	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	18K	15 1/4W	YES	100K	NO	12K	L07-2805-05	NO	YES	YES	NO		
KOREA	H		24-12	NO							NO	0.047	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	NO	NO	NO	NO	NO	NO	NO	150K	27 1/4W	NO	NO	NO	100K	YES	4.7K	L07-2758-05	NO	YES	YES	NO

KRF-X9060D-S (X14-743X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	A	B	E	C	D	F	G	C202,455,841,909	C452	C453	C842	CN21,22,47	CN48	E603	F1	F2	IC90	J2,66	J3	J4	J5	J66	K451	R121,457,458,831,835,836,882,906	R451	R454	R457,458,836,882	R831,835,906	R867,870	R914	R977	T1	W121,950,951,960	W801-804,951	WH5,66	WH87	
AUSTRALIA	X		0-72	NO							NO	0.047	3300u 25	YES	YES	NO	NO	NO	NO	250V T4A L	YES	NO	NO	NO	NO	NO	NO	150K	27 1/4W	NO	NO	NO	100K	NO	4.7K	L07-2758-05	NO	YES	YES	NO
EUROPE	E		2-72	YES	NO						NO	0.039	3300u 25	NO	NO	NO	NO	NO	NO	NO	250V T4A L	NO	NO	NO	NO	NO	NO	NO	130K	27 1/4W										