

Service Manual

ORDER NO.
RRV3377

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-416-K VSX-416-S

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
VSX-416-K	MYXJ5	AC 220 V to 230 V	
VSX-416-S	MYXJ5	AC 220 V to 230 V	

● This service manual should be used together with the following manual(s):

Model No.	Order No.	Remarks
VSX-516-K/KUCXJ	RRV3329	

● For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

CONTENTS

1. CONTRAST OF MISCELLANEOUS PARTS	2
2. SCHEMATIC DIAGRAM	10

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES: ● Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

- The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Screws adjacent to ∇ mark on product are used for disassembly.

● Reference Nos. indicate the pages and Nos. in the service manual for the base model.

- For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 Ω \rightarrow 56×10^1 \rightarrow 561 RD1/4PU $\begin{matrix} 5 & 6 & 1 \\ \hline & & J \end{matrix}$
 47k Ω \rightarrow 47×10^3 \rightarrow 473 RD1/4PU $\begin{matrix} 4 & 7 & 3 \\ \hline & & J \end{matrix}$
 0.5 Ω \rightarrow R50 RN2H $\begin{matrix} R & 5 & 0 \\ \hline & & K \end{matrix}$
 1 Ω \rightarrow 1R0 RS1P $\begin{matrix} 1 & R & 0 \\ \hline & & K \end{matrix}$

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω \rightarrow 562×10^1 \rightarrow 5621 RN1/4PC $\begin{matrix} 5 & 6 & 2 & 1 \\ \hline & & & F \end{matrix}$

- Meaning of the figures and others in the parentheses in the parts list.

Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

IC 301 (A, 91, 111) IC NJM2068V

■ CONTRAST TABLE

VSX-416-K/MYXJ5, VSX-416-S/MYXJ5 and VSX-516-K/MYXJ5 are constructed the same except for the following :

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-516-K /MYXJ5	VSX-416-K /MYXJ5	VSX-416-S /MYXJ5	
PCB ASSEMBLIES						
P9 - 1		DSP ASSY	AWX8572	AWX8573	AWX8573	*1
P9 - 4		MAIN ASSY	XWK3230	XWK3228	XWK3228	
P9 - 3	NSP	AMP ASSY	XWK3220	XWK3218	XWK3218	
P9 -13		└ POWER PACK ASSY	XWZ4083	XWZ4081	XWZ4081	
		└ TRANS2 ASSY	XWZ4092	XWZ4091	XWZ4091	
P11- 1	NSP	COMPLEX ASSY	XWK3210	XWK3208	XWK3208	
P9 - 7		└ FRONT DISPLAY ASSY	XWZ4052	XWZ4051	XWZ4051	*1
P9 -11		└ VIDEO ASSY	XWZ4060	XWZ4058	XWZ4058	
		└ REGULATOR ASSY	XWZ4116	XWZ4077	XWZ4077	*1
P9 - 5		USB ASSY	AWX8704	Not used	Not used	
P11- 4		USB IN ASSY	XWK3247	Not used	Not used	
PACKING SECTION						
P7 - 3		Microphone	APM7008	Not Used	Not Used	
P7 -10		Remote control	XXD3102	XXD3101	XXD3101	
P7 -14		Packing Case	XHD3589	XHD3591	XHD3592	
EXTERIOR SECTION						
P9 -18	Δ	Transformer	XTS3102	XTS3090	XTS3090	
P9 -27		17P F. F. C/30V	Not used	XDD3203	XDD3203	
P9 -28		25P F. F. C/30V	XDD3201	Not used	Not used	
P9 -31		R Panel	XNC3414	XNC3417	XNC3434	
P9 -33	NSP	H/Sink	XNH3044	XNH3043	XNH3043	
P9 -37		Insulator	PNW2766	AMR7198	AMR7198	
P9 -39		Bonnet	XZN3183	XZN3183	XZN3184	
P9 -41		ICP Label	XAX3121	Not used	Not used	
P9 -46		Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI	
FRONT PANEL SECTION						
P11- 6		JOG Knob	XAB3046	XAB3046	XAB3048	
P11- 7		VOL Knob	XAB3049	XAB3049	XAB3051	
P11- 8		STDBY BTN	XAD3202	XAD3202	XAD3203	
P11- 9		D Panel	XAK3535	XAK3529	XAK3529	
P11-10	NSP	Gold Foil Label	XAX3487	Not used	Not used	
P11-11	NSP	F Panel Assy	XXG3249	XXG3253	XXG3254	
P11-12		Tuner BTN	XAD3230	XAD3230	XAD3248	
P11-13		SUB BTN	XAD3231	XAD3231	XAD3249	
P11-14		FUNC BTN	XAD3232	XAD3232	XAD3250	
P11-15		LISTEN BTN	XAD3233	XAD3233	XAD3251	

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-516-K /MYXJ5	VSX-416-K /MYXJ5	VSX-416-S /MYXJ5	
P11-16		JOG Button	XAD3240	XAD3240	XAD3252	
P11-17		PIONEER Badge	XAM3006	XAM3006	VAM1129	
P11-18		FRT Panel	XMB3227	XMB3232	XMB3233	
P11-20		Earth Plate FR V3	XNG3144	Not used	Not used	
P11-21		4P Shield Cable	XDX3028	Not used	Not used	
P11-22		5P F.F.C/30V	XDD3199	Not used	Not used	

Notes : *1 Refer to VSX-516/KUCXJ.

For PCB ASSEMBLIES, Refer to “ ■ CONTRAST OF PCB ASSEMBLIES ”, “ ■ PCB PARTS LIST ” and “ 2. SCHEMATIC DIAGRAM ”.

■ CONTRAST OF PCB ASSEMBLIES

D F TRANS2 ASSY

XWZ4091 and XWZ4092 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		XWZ4092	XWZ4091	
⚠	IC853 PROTECTOR(7A)	AEK7021	Not used	
⚠	IC853 PROTECTOR(4A)	Not used	AEK7018	

Q F VIDEO ASSY

XWZ4058 and XWZ4060 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		XWZ4060	XWZ4058	
⚠	D307	UDZS5R1(B)	Not used	CN306, JA305
	CN306 2P PIN JACK	XKB3041	Not used	
	CN308 6P PIN JACK	Not used	AKB7123	
	JA305 4P PIN JACK	AKB7100	Not used	
	R313, R316	RS3LMF560J	RS3LMF390J	
	R390	RS1/16S102J	Not used	

■ PCB PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A F MAIN ASSY MISCELLANEOUS	IC 103	(A,198,72) OP-AMP IC	HA17558AF	Q 251	(A,84,108) CHIP TRANSISTOR	2SD2704K	
	IC 104	(A,198,56) OP-AMP IC	HA17558AF	Q 252	(A,68,105) TRANSISTOR	2SD1858X	
	IC 105	(A,198,87) OP-AMP IC	HA17558AF	Q 253	(A,75,108) TRANSISTOR	RT1N241M	
	IC 107	(A,216,88) OP-AMP IC	HA17558AF	Q 254	(A,72,98) DIGITAL TR(SC-70)	RT1P241M	
	IC 108	(B,255,64) 8CH E-VOL	R2S15205FP	Q 255	(A,75,98) TRANSISTOR	RT1N241M	
	IC 110	(A,237,73) IC	TC4066BFN	Q 256	(A,75,94) CHIP TRANSISTOR	2SD2704K	
	IC 251	(A,85,102) OP-AMP IC	HA17558AF	Q 257	(A,78,108) TRANSISTOR	2SA1576A	
	IC 310	(A,142,40) OP-AMP IC	BA4560RF	Q 361	(A,166,78) CHIP TRANSISTOR	2SD2704K	
	IC 311	(A,152,59) OP-AMP IC	BA4560RF	Q 9001	(A,125,87) DIGITAL TR(SC-70)	RT1N431M	
	IC 312	(A,142,77) OP-AMP IC	BA4560RF	Q 9002	(A,66,80) DIGITAL TR(SC-70)	RT1P241M	
	IC 5001	(A,69,19) RDS DECORDER IC	LC72725M	Q 9003	(A,65,75) DIGITAL TR(SC-70)	RT1P241M	
	IC 9001	(B,82,64) CPU	PEG217A	Q 9007	(A,69,85) TRANSISTOR	DTC143TK	
	IC 9002	(A,103,44) EEPROM	BR24L16FV-W	Q 9064	(A,59,80) DIGITAL TR(SC-70)	RT1P241M	
	Q 231	(A,225,69) DIGITAL TR(SC-70)	RT1P241M	Q 9065	(A,55,78) TRANSISTOR	UMD2N	
	Q 232	(A,229,69) TRANSISTOR	RT1N241M	D 103	(B,173,35) DIODE	DAN217U	
				D 105	(B,163,37) DIODE	DAN217U	
				D 107	(B,166,37) DIODE	DAN217U	
				D 251	(A,83,96) DIODE	DAN217U	
				D 253	(A,70,114) DIODE	UDZS27(B)	
				D 254	(A,90,104) DIODE	UDZS5R1(B)	

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	D 311	(B,259,93) DIODE	1SS355	R	157	(B,293,114)	RS1/16S0R0J
	D 312	(B,268,93) DIODE	1SS355	R	180	(B,278,97)	RS1/16S0R0J
A	D 331	(B,260,87) DIODE	UDZS6R8(B)	R	181	(B,272,78)	RS1/16S0R0J
	D 332	(B,263,87) DIODE	UDZS6R8(B)				
	D 9001	(A,125,103) DIODE	DAP202U	R	182	(B,275,75)	RS1/16S0R0J
	D 9002	(A,119,103) DIODE	DAP202U	R	183	(B,276,67)	RS1/16S0R0J
	D 9003	(A,122,103) DIODE	DAN202U	R	201	(A,189,85)	RS1/16S473J
	D 9006	(B,99,89) DIODE	DAN217U	R	202	(A,189,90)	RS1/16S473J
	D 9007	(B,91,89) DIODE	DAN217U	R	203	(B,187,85)	RS1/16S392J
	D 9010	(A,128,88) DIODE	1SS355	R	204	(B,187,91)	RS1/16S392J
	D 9011	(A,60,75) DIODE	DAN202U	R	205	(B,189,85)	RS1/16S392J
	D 9064	(A,58,75) DIODE	DAP202U	R	206	(B,189,91)	RS1/16S392J
	D 9065	(A,63,80) DIODE	DAP202U	R	207	(B,191,85)	RS1/16S392J
B	D 9068	(A,53,81) DIODE	1SS355	R	208	(B,191,91)	RS1/16S392J
	L 101	(B,260,98) CHIP SOLID INDUCTOR	QTL1013	R	209	(B,198,85)	RS1/16S392J
	L 102	(B,265,97) CHIP SOLID INDUCTOR	QTL1013	R	210	(B,198,91)	RS1/16S392J
	L 5002	(A,257,104) CHIP SOLID INDUCTOR	QTL1013	R	211	(B,200,85)	RS1/16S332J
	L 9001	(A,123,107) CHIP SOLID INDUCTOR	ATL7002	R	212	(B,200,91)	RS1/16S332J
	L 9002	(A,121,107) CHIP SOLID INDUCTOR	ATL7002	R	213	(B,202,85)	RS1/16S680J
	L 9003	(A,106,98) RADIAL INDUCTOR	LFCA2R2J	R	214	(B,202,91)	RS1/16S680J
	X 5001	(A,67,27) CRYSTAL RESONATOR (4.332 MHz)	ASS7004	R	219	(B,216,84)	RS1/16S0R0J
	X 9001	(A,96,53) CERAMIC RESONATOR (15.7 MHz)	XSS3004	R	220	(B,215,91)	RS1/16S0R0J
	X 9001	(A,96,53) CERAMIC RESONATOR (15.7 MHz)	XSS3004	R	221	(B,220,84)	RS1/16S472J
	X 9001	(A,96,53) CERAMIC RESONATOR (15.7 MHz)	XSS3004	R	222	(B,219,91)	RS1/16S472J
C	CN 101	(A,41,27) CONNECTOR	CKS3382	R	223	(A,242,78)	RS1/16S472J
	CN 103	(A,230,17) 11P CONNECTOR	52044-1145	R	224	(A,236,78)	RS1/16S472J
	CN 104	(A,250,13) CONNECTOR	CKS3384	R	225	(B,225,84)	RS1/16S392J
	CN 105	(A,266,34) CONNECTOR	CKS3372	R	226	(B,225,91)	RS1/16S392J
	CN 109	(A,230,113) 19P SOCKET	XKP3054	R	227	(B,231,84)	RS1/16S101J
	CN 111	(A,276,113) 21P SOCKET	XKP3091	R	228	(B,233,89)	RS1/16S101J
	CN 112	(A,91,41) CONNECTOR	CKS3382	R	231	(A,229,72)	RS1/16S104J
	CN 114	(A,189,113) 21P SOCKET	XKP3091	R	233	(A,231,91)	RS1/16S474J
	CN 117	(A,302,77) PIN JACK(4P)	AKB7114	R	234	(A,231,84)	RS1/16S474J
	CN 118	(A,302,105) PIN JACK(4P)	AKB7114	R	237	(A,237,88)	RS1/16S122J
	CN 125	(A,302,42) 6P PIN JACK	XKB3055	R	238	(A,236,80)	RS1/16S122J
D	CN 251	(A,39,83) 3P JUMPER CONNECTOR	52147-0310	R	241	(A,190,69)	RS1/16S473J
	CN 252	(A,37,69) 3P TOP POST	B3B-EH	R	242	(A,190,74)	RS1/16S473J
				R	243	(B,186,69)	RS1/16S332J
				R	244	(B,186,75)	RS1/16S332J
RESISTORS							
	R 103	(B,283,62)	RS1/16S222J	R	245	(B,188,69)	RS1/16S332J
	R 104	(B,283,52)	RS1/16S222J	R	246	(B,188,75)	RS1/16S332J
	R 105	(B,283,47)	RS1/16S331J	R	247	(B,190,69)	RS1/16S332J
	R 106	(B,293,40)	RS1/16S331J	R	248	(B,190,75)	RS1/16S332J
	R 107	(B,283,87)	RS1/16S331J	R	249	(B,197,69)	RS1/16S332J
	R 108	(B,293,81)	RS1/16S331J	R	250	(B,197,75)	RS1/16S332J
	R 109	(B,283,73)	RS1/16S331J	R	251	(B,199,69)	RS1/16S182J
	R 110	(B,293,68)	RS1/16S331J	R	252	(B,199,75)	RS1/16S182J
E	R 111	(B,283,115)	RS1/16S222J	R	253	(B,202,69)	RS1/16S0R0J
	R 112	(B,283,106)	RS1/16S222J	R	254	(B,202,75)	RS1/16S0R0J
	R 113	(B,283,101)	RS1/16S331J	R	257	(B,213,69)	RS1/16S101J
	R 114	(B,293,96)	RS1/16S331J	R	258	(B,213,75)	RS1/16S101J
	R 129	(B,283,34)	RS1/16S331J	R	261	(A,189,53)	RS1/16S473J
	R 130	(B,283,25)	RS1/16S331J	R	262	(A,189,59)	RS1/16S473J
	R 145	(A,71,73)	RS1/16S102J	R	263	(B,186,53)	RS1/16S332J
	R 146	(A,71,74)	RS1/16S102J	R	264	(B,186,60)	RS1/16S332J
	R 147	(B,233,67)	RS1/16S472J	R	265	(B,188,53)	RS1/16S332J
	R 148	(B,228,62)	RS1/16S472J	R	266	(B,188,60)	RS1/16S682J
	R 149	(A,259,45)	RS1/16S104J	R	267	(B,190,53)	RS1/16S332J
F	R 154	(B,294,51)	RS1/16S0R0J	R	268	(B,190,60)	RS1/16S393J
	R 155	(B,293,58)	RS1/16S0R0J	R	269	(B,197,53)	RS1/16S332J
	R 156	(B,295,107)	RS1/16S0R0J				

Mark No.	Description	Part No.	Mark No.	Description	Part No.
R 270	(B,197,60)	RS1/16S122J	R 494	(A,141,83)	RS1/16S911J
R 271	(B,199,53)	RS1/16S182J	R 495	(A,147,71)	RS1/16S272J
R 272	(B,199,60)	RS1/16S272J	R 496	(A,148,83)	RS1/16S272J
R 273	(B,202,53)	RS1/16S0R0J	R 497	(A,139,69)	RS1/16S153J
			R 498	(A,139,83)	RS1/16S153J
R 274	(B,202,60)	RS1/16S271J			
R 277	(B,214,53)	RS1/16S101J	R 499	(B,133,72)	RS1/16S103J
R 278	(B,213,61)	RS1/16S101J	R 500	(B,133,79)	RS1/16S104J
R 280	(A,65,113)	RS1/16S0R0J	R 502	(B,144,80)	RS1/16S204J
R 303	(B,156,37)	RS1/16S101J	R 5005	(B,80,13)	RS1/16S0R0J
			R 5011	(A,81,15)	RS1/16S473J
R 304	(B,155,43)	RS1/16S101J			
R 305	(B,160,49)	RS1/16S101J	R 5012	(A,82,12)	RS1/16S102J
R 306	(B,164,61)	RS1/16S101J	R 5013	(A,57,26)	RS1/16S102J
R 307	(B,165,68)	RS1/16S101J	R 5016	(B,82,13)	RS1/16S0R0J
R 308	(B,171,72)	RS1/16S101J	R 5020	(A,73,13)	RS1/16S0R0J
			R 9002	(A,129,89)	RS1/16S473J
R 311	(A,258,102) METAL OXIDE RESISTOR	RS1LMF101J			
R 312	(A,266,102) METAL OXIDE RESISTOR	RS1LMF101J	R 9005	(A,91,55)	RS1/16S0R0J
R 431	(A,131,93)	RS1/16S104J	R 9006	(B,103,89)	RS1/16S474J
R 432	(A,127,93)	RS1/16S104J	R 9007	(B,93,89)	RS1/16S474J
R 433	(A,128,93)	RS1/16S104J	R 9008	(A,86,90)	RS1/16S221J
			R 9009	(A,65,85)	RS1/16S473J
R 435	(A,126,93)	RS1/16S104J			
R 436	(A,130,93)	RS1/16S104J	R 9010	(B,115,45)	RS1/16S512J
R 437	(A,89,107)	RS1/16S164J	R 9011	(A,63,76)	RS1/16S102J
R 438	(A,81,98)	RS1/16S104J	R 9012	(A,63,73)	RS1/16S0R0J
R 439	(A,86,96)	RS1/16S104J	R 9013	(B,112,45)	RS1/16S471J
			R 9014	(B,104,54)	RS1/16S471J
R 440	(A,81,108)	RS1/16S754J			
R 441	(A,79,98)	RS1/16S222J	R 9015	(B,101,54)	RS1/16S471J
R 442	(A,77,98)	RS1/16S104J	R 9016	(B,99,54)	RS1/16S471J
R 443	(A,63,104)	RS1/16S471J	R 9017	(B,97,54)	RS1/16S471J
R 445	(A,73,108)	RS1/16S223J	R 9018	(B,95,54)	RS1/16S471J
			R 9019	(B,98,76)	RS1/16S471J
R 446	(A,74,233)	RS1/16S104J			
R 447	(A,88,94)	RS1/16S472J	R 9020	(B,99,76)	RS1/16S471J
R 448	(A,89,104)	RS1/16S104J	R 9021	(B,101,76)	RS1/16S471J
R 449	(A,80,108)	RS1/16S102J	R 9022	(B,103,76)	RS1/16S471J
R 453	(A,146,35)	RS1/16S102J	R 9024	(B,105,68)	RS1/16S472J
			R 9025	(B,101,68)	RS1/16S0R0J
R 454	(A,142,46)	RS1/16S102J			
R 455	(A,146,38)	RS1/16S272J	R 9026	(B,107,68)	RS1/16S332J
R 456	(A,147,43)	RS1/16S272J	R 9028	(B,119,45)	RS1/16S104J
R 457	(A,140,35)	RS1/16S153J	R 9030	(A,68,79)	RS1/16S470J
R 458	(A,140,46)	RS1/16S153J	R 9031	(B,69,48)	RS1/16S104J
			R 9032	(A,66,59)	RS1/16S104J
R 459	(B,133,38)	RS1/16S103J			
R 460	(B,133,43)	RS1/16S103J	R 9033	(B,89,48)	RS1/16S104J
R 461	(B,145,39)	RS1/16S104J	R 9036	(A,88,89)	RS1/16S221J
R 462	(B,145,43)	RS1/16S104J	R 9037	(A,124,99)	RS1/16S104J
R 464	(A,78,102)	RS1/16S0R0J	R 9039	(A,87,58)	RS1/16S104J
			R 9041	(B,117,45)	RS1/16S104J
R 473	(A,151,53)	RS1/16S102J			
R 474	(A,152,65)	RS1/16S102J	R 9042	(B,83,81)	RS1/16S103J
R 475	(A,157,52)	RS1/16S272J	R 9043	(B,81,81)	RS1/16S103J
R 476	(A,158,66)	RS1/16S272J	R 9044	(B,79,81)	RS1/16S103J
R 477	(A,149,52)	RS1/16S153J	R 9045	(A,98,46)	RS1/16S471J
			R 9046	(A,107,45)	RS1/16S471J
R 478	(A,150,65)	RS1/16S153J			
R 479	(B,142,57)	RS1/16S103J	R 9047	(A,99,46)	RS1/16S103J
R 480	(B,142,62)	RS1/16S103J	R 9048	(A,98,43)	RS1/16S103J
R 481	(B,154,58)	RS1/16S104J	R 9060	(B,98,68)	RS1/16S473J
R 482	(B,154,62)	RS1/16S104J	R 9062	(B,87,48)	RS1/16S471J
			R 9064	(A,54,74)	RS1/16S103J
R 483	(B,144,76)	RS1/16S104J			
R 484	(A,165,71)	RS1/16S104J	R 9065	(A,56,74)	RS1/16S103J
R 485	(A,157,80)	RS1/16S472J	R 9066	(A,62,72)	RS1/16S103J
R 488	(A,165,73)	RS1/16S0R0J	R 9067	(A,57,83)	RS1/16S103J
R 493	(A,141,71)	RS1/16S102J	R 9081	(A,120,72)	RS1/16S221J
			R 9082	(A,122,69)	RS1/16S274J

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
CAPACITORS				C	188	(A,284,83)	CCSRCH101J50
	C	103 (B,295,56)	CCSRCH101J50	C	189	(A,284,71)	CCSRCH101J50
A	C	104 (B,296,51)	CCSRCH101J50	C	190	(B,287,70)	CCSRCH101J50
	C	105 (B,293,45)	CCSRCH101J50	C	191	(B,283,97)	CCSRCH101J50
	C	106 (B,296,40)	CCSRCH101J50	C	192	(B,285,96)	CCSRCH101J50
	C	107 (B,293,86)	CCSRCH101J50	C	197	(B,292,29)	CCSRCH101J50
	C	108 (B,296,81)	CCSRCH101J50	C	198	(B,294,25)	CCSRCH101J50
	C	109 (B,293,72)	CCSRCH101J50	C	199	(A,281,50)	CKSRYP103K50
	C	110 (B,296,68)	CCSRCH101J50	C	201	(A,183,85)	CEAT2R2M50
	C	111 (B,296,111)	CCSRCH101J50	C	202	(A,184,92)	CEAT2R2M50
	C	112 (B,297,107)	CCSRCH101J50	C	203	(A,191,85)	CCSRCH471J50
	C	113 (B,293,100)	CCSRCH101J50	C	204	(A,191,90)	CCSRCH471J50
B	C	114 (B,296,96)	CCSRCH101J50	C	205	(A,193,85)	CCSRCH331J50
	C	115 (B,262,98)	CKSRYP103K50	C	206	(A,194,90)	CCSRCH331J50
	C	116 (B,267,97)	CKSRYP103K50	C	207	(B,193,85)	CCSRCH331J50
	C	117 (A,287,109)	CCSRCH220J50	C	208	(B,193,91)	CCSRCH331J50
	C	118 (B,285,109)	CCSRCH220J50	C	213	(A,223,84)	CEAT100M50
	C	121 (A,280,34)	CEAT100M50	C	214	(A,223,90)	CEAT100M50
	C	122 (A,280,25)	CEAT100M50	C	215	(B,233,84)	CKSRYP103K50
	C	125 (A,280,62)	CEAT100M50	C	216	(B,231,89)	CKSRYP103K50
	C	126 (A,280,53)	CEAT100M50	C	217	(A,202,85)	CKSRYP103K50
	C	127 (A,280,47)	CEAT100M50	C	218	(A,202,90)	CKSRYP103K50
	C	128 (A,280,40)	CEAT100M50	C	219	(A,221,87)	CKSRYP104K16
C	C	131 (A,280,87)	CEAT100M50	C	220	(A,210,93)	CKSRYP104K16
	C	132 (A,280,80)	CEAT100M50	C	221	(A,230,75)	CKSRYP103K50
	C	133 (A,280,74)	CEAT100M50	C	222	(A,243,70)	CKSRYP103K50
	C	134 (A,280,67)	CEAT100M50	C	241	(A,183,70)	CEAT2R2M50
	C	135 (A,280,114)	CEAT100M50	C	242	(A,183,77)	CEAT2R2M50
	C	136 (A,280,106)	CEAT100M50	C	243	(A,192,69)	CCSRCH101J50
	C	137 (A,280,101)	CEAT100M50	C	244	(A,192,74)	CCSRCH101J50
	C	138 (A,280,93)	CEAT100M50	C	245	(A,194,69)	CCSRCH331J50
	C	141 (A,256,82)	CKSRYP104K50	C	246	(A,194,74)	CCSRCH331J50
	C	145 (B,256,81)	CCSRCH101J50	C	247	(B,193,69)	CCSRCH331J50
	C	146 (B,258,81)	CCSRCH101J50	C	248	(B,193,75)	CCSRCH331J50
	C	147 (B,253,81)	CKSRYP103K50	C	249	(A,205,69)	CEAT100M50
D	C	148 (B,238,67)	CKSRYP223K50	C	250	(A,205,75)	CEAT100M50
	C	149 (B,235,67)	CKSRYP473K25	C	251	(A,204,65)	CKSRYP103K50
	C	150 (B,231,67)	CKSQYB154K16	C	252	(A,211,78)	CKSRYP103K50
	C	151 (B,49,51)	CKSRYP103K50	C	253	(B,43,89)	CKSRYP103K50
	C	152 (B,230,62)	CKSRYP223K50	C	254	(A,58,108)	ELECT. CAPACITOR
	C	153 (B,234,62)	CKSRYP473K25	C	255	(A,51,108)	ELECT. CAPACITOR
	C	154 (B,232,62)	CKSQYB154K16	C	256	(A,81,105)	CKSRYP103K50
	C	155 (A,226,62)	CEAT101M16	C	257	(B,216,69)	CKSRYP472K50
	C	156 (A,229,56)	CEAT101M16	C	258	(B,217,75)	CKSRYP472K50
	C	157 (A,236,56)	CEAT101M16	C	261	(A,183,54)	CEAT2R2M50
	C	158 (A,232,50)	CEAT101M16	C	262	(A,183,62)	CEAT2R2M50
E	C	159 (A,241,50)	CEAT101M16	C	263	(A,192,53)	CCSRCH101J50
	C	160 (A,234,44)	CEAT101M16	C	264	(A,191,59)	CKSRYP223K50
	C	161 (A,241,44)	CEAT101M16	C	265	(A,194,53)	CCSRCH331J50
	C	162 (A,248,44)	CEAT101M16	C	266	(A,194,59)	CKSRYP103K50
	C	165 (A,240,86)	CEAT1R0M50	C	267	(B,193,53)	CCSRCH331J50
	C	166 (A,248,86)	CEAT1R0M50	C	268	(B,193,60)	CKSRYP562K50
	C	179 (B,294,76)	CKSRYP103K50	C	269	(A,205,54)	CEAT100M50
	C	180 (A,277,16)	CKSRYP103K50	C	270	(A,205,60)	CEAT100M50
	C	181 (A,283,30)	CCSRCH101J50	C	271	(A,203,51)	CKSRYP103K50
	C	182 (B,285,28)	CCSRCH101J50	C	272	(A,210,64)	CKSRYP103K50
F	C	185 (A,286,44)	CCSRCH101J50	C	277	(B,216,53)	CKSRYP472K50
	C	186 (B,288,42)	CCSRCH101J50	C	278	(B,215,61)	CKSRYP472K50
	C	187 (A,286,90)	CCSRCH101J50	C	321	(A,153,38)	CEAT100M50

Mark	No.	Description	Part No.
C	322	(A,153,45)	CEAT100M50
C	323	(A,145,35)	CCSRCH101J50
C	324	(A,140,47)	CCSRCH101J50
C	325	(A,136,39) ELECT. CAPACITOR	CEAT220M50
C	326	(A,136,46) ELECT. CAPACITOR	CEAT220M50
C	327	(A,132,42)	CKSRYB103K50
C	328	(A,132,38)	CKSRYB103K50
C	333	(A,255,93)	CEAT101M10
C	334	(A,268,81)	CEAT101M10
C	341	(A,161,56)	CEAT100M50
C	342	(A,161,63)	CEAT100M50
C	343	(A,149,51)	CCSRCH101J50
C	344	(A,150,66)	CCSRCH101J50
C	345	(A,145,56) ELECT. CAPACITOR	CEAT220M50
C	346	(A,145,63) ELECT. CAPACITOR	CEAT220M50
C	347	(A,140,64)	CKSRYB103K50
C	348	(A,141,58)	CKSRYB103K50
C	361	(A,161,70)	CEAT100M50
C	362	(A,169,70)	CEAT100M50
C	363	(A,139,68)	CCSRCH101J50
C	364	(A,139,84)	CKSRYB472K50
C	365	(A,136,73) ELECT. CAPACITOR	CEAT220M50
C	366	(A,136,80) ELECT. CAPACITOR	CEANP4R7M50
C	367	(A,135,88)	CKSRYB103K50
C	368	(A,147,75)	CKSRYB103K50
C	370	(A,161,74)	CEAT4R7M50
C	392	(B,91,95)	CKSRYB102K50
C	1031	(A,286,57)	CCSRCH220J50
C	1041	(B,287,55)	CCSRCH220J50
C	5001	(B,233,10)	CKSRYB102K50
C	5002	(B,235,10)	CKSRYB103K50
C	5003	(B,237,10)	CKSRYB105K10
C	5011	(A,77,16)	CEJQ100M50
C	5013	(A,54,17)	CCSRCH270J50
C	5014	(A,54,18)	CCSRCH270J50
C	5015	(A,59,20)	CEJQ470M16
C	5016	(A,54,15)	CKSRYB103K50
C	5017	(A,73,14)	CCSRCH561J50
C	5020	(A,69,13)	CKSRYB472K50
C	5025	(A,166,12)	CKSRYB102K50
C	5026	(A,169,13)	CKSRYB102K50
C	5027	(A,177,12)	CKSRYB102K50
C	5028	(A,179,13)	CCSRCH220J50
C	9004	(A,121,94)	CKSRYB103K50
C	9005	(A,116,99)	CEJQ2R2M50
C	9006	(A,122,88)	CKSRYB105K10
C	9007	(A,79,92) ELECT. CAPACITOR	CEAT331M6R3
C	9008	(B,77,90)	CKSRYB103K50
C	9011	(B,95,89)	CKSRYB473K25
C	9014	(B,87,88)	CKSRYB473K25
C	9015	(A,100,95)	CKSRYB102K50
C	9018	(B,72,72)	CKSRYB104K50
C	9081	(A,120,69)	CKSRYB103K50

Mark	No.	Description	Part No.
CF POWER PACK ASSY			
MISCELLANEOUS			
△ IC	601	(A,265,14) POWER PACK 2CH	STK412-230C
△ IC	603	(A,132,14) POWER PACK 3CH	STK413-230C
△ IC	610	(A,59,28) PROTECTOR(1A)	AEK7009
△ IC	701	(A,100,75) IC PROTECTOR	ICP-N10
△ IC	702	(A,84,81) IC PROTECTOR	ICP-N10
△ IC	803	(A,238,87) IC	TA7805S
△ IC	804	(A,282,111) REGULATOR IC	TA7809S
△ IC	805	(B,271,135) IC	BA178M05FP
Q	501	(B,85,42) CHIP TRANSISTOR	2SD2704K
Q	505	(A,111,47) TRANSISTOR	2SC2240
Q	601	(B,93,47) CHIP TRANSISTOR	2SD2704K
Q	602	(B,227,45) CHIP TRANSISTOR	2SD2704K
Q	605	(A,118,40) TRANSISTOR	2SC2240
Q	606	(A,252,40) TRANSISTOR	2SC2240
Q	652	(B,219,42) CHIP TRANSISTOR	2SD2704K
Q	656	(A,244,47) TRANSISTOR	2SC2240
Q	681	(B,72,63) CHIP TRANSISTOR	2SD2704K
Q	683	(A,59,65) TRANSISTOR	2SC2240
Q	696	(B,284,22) TRANSISTOR	2SC4081
Q	697	(B,282,26) TRANSISTOR	2SC4081
Q	698	(B,246,67) TRANSISTOR	RT1N241M
△ Q	701	(A,110,75) TRANSISTOR	2SC5511
△ Q	702	(A,96,86) TRANSISTOR	2SA2005
Q	703	(A,155,76) TRANSISTOR	2SA1145
Q	704	(A,166,79) TRANSISTOR	2SC2240
Q	705	(B,245,74) CHIP TRANSISTOR	RN4903
Q	707	(B,241,74) CHIP TRANSISTOR	RN4903
Q	721	(A,142,71) TRANSISTOR	2SA1145
Q	722	(A,161,74) TRANSISTOR	2SC2240
Q	801	(B,277,141) DIGITAL TR(SC-70)	RT1P241M
Q	802	(B,274,145) TRANSISTOR	RT1N241M
Q	803	(B,265,140) DIGITAL TR(SC-70)	RT1P241M
Q	804	(B,268,145) TRANSISTOR	RT1N241M
Q	805	(B,277,146) DIGITAL TR(SC-70)	RT1P241M
Q	806	(B,271,145) TRANSISTOR	RT1N241M
Q	807	(B,276,53) CHIP TR(2*PNP)	RN2903
Q	808	(B,283,56) CHIP TRANSISTOR	RN1903
Q	809	(A,266,101) TRANSISTOR	2SD1858X
D	601	(A,125,57) DIODE	1SS133
D	602	(A,267,17) ZENER DIODE	MTZJ15A
D	603	(A,119,57) DIODE	1SS133
D	604	(A,261,21) ZENER DIODE	MTZJ15A
D	606	(A,259,57) DIODE	1SS133
D	608	(A,253,52) DIODE	1SS133
D	652	(A,262,57) DIODE	1SS133
D	654	(A,242,52) DIODE	1SS133
D	681	(A,132,17) ZENER DIODE	MTZJ15A
D	682	(A,129,22) ZENER DIODE	MTZJ15A
D	683	(A,135,58) DIODE	1SS133
D	684	(A,65,72) DIODE	1SS133
△ D	701	(A,9,88) DIODE	D5SBA20(B)
△ D	702	(A,9,126) DIODE	D5SBA20(B)
D	703	(B,252,76) DIODE	1SS355
D	711	(A,196,103) ZENER DIODE	MTZJ22D
D	712	(A,192,103) DIODE	MTZJ6R8(B)

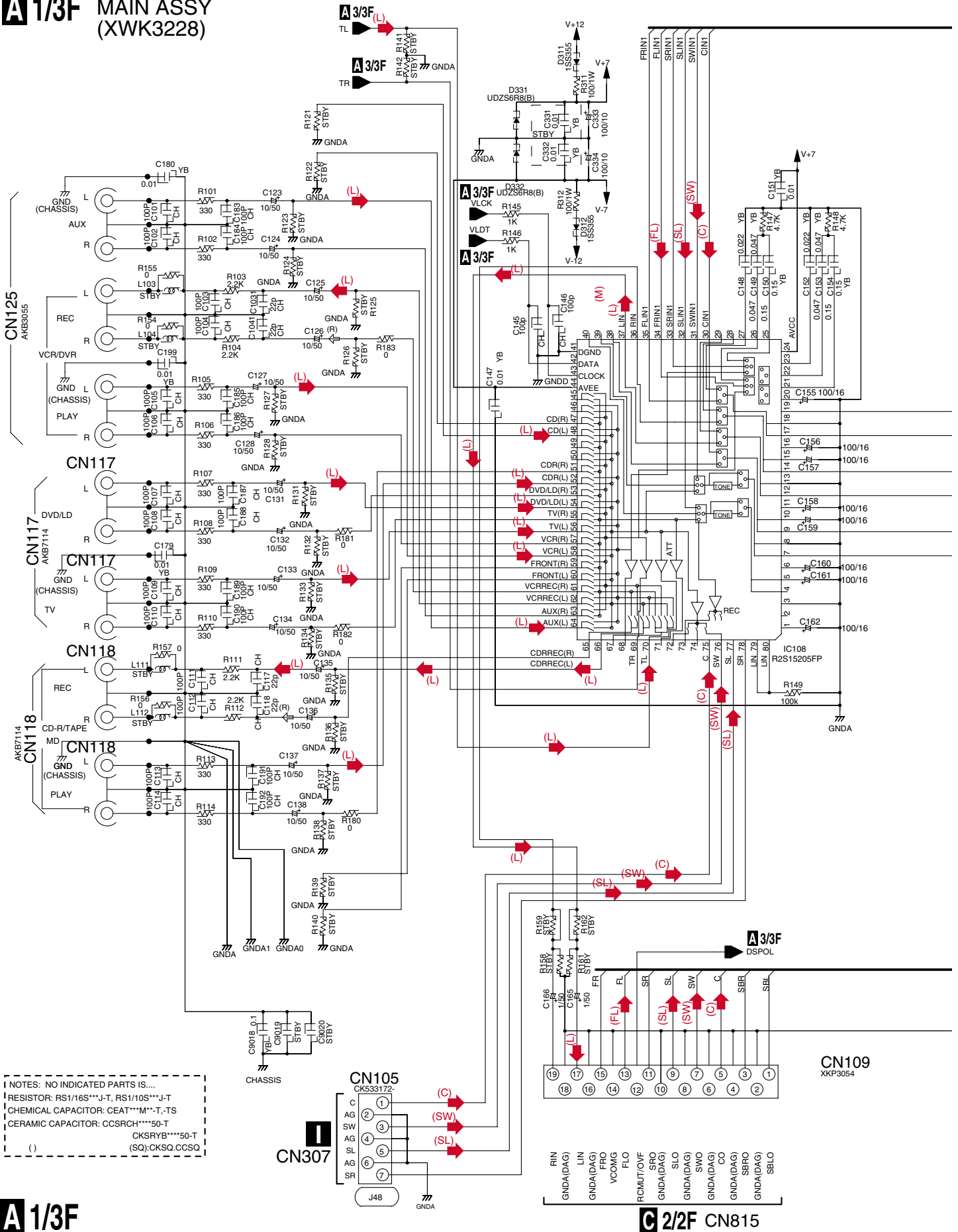
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	D 713	(A,120,78) DIODE	1SS133	R	626	(A,258,49)	RD1/4PU821J
	D 751	(B,168,135) DIODE	1SS355	R	628	(A,250,48)	RD1/4PU223J
A	D 752	(B,170,135) DIODE	1SS355	R	630	(A,230,21)	RD1/4PU333J
	D 753	(B,138,132) DIODE	1SS355	R	652	(A,215,41)	RD1/4PU222J
	D 754	(B,141,132) DIODE	1SS355	R	654	(B,219,46)	RS1/16S103J
	D 777	(A,127,57) DIODE	1SS133	R	660	(A,220,29)	RD1/4PU273J
	D 778	(A,108,57) DIODE	1SS133	R	662	(A,216,20)	RD1/4PU821J
	⚠ D 801	(B,221,113) BRIDGE DIODE	S1WB(A)60SD	R	664	(A,238,21)	RD1/4PU273J
	D 805	(A,276,131) DIODE	1SS133	R	666	(A,240,35)	RD1/4PU331J
	D 806	(A,287,62) DIODE	MTZJ6R2(B)	⚠ R	668	(A,239,31) RESISTOR (0.22, 5W)	ACN7094
	D 807	(A,284,67) DIODE	1SS133	R	670	(A,245,52)	RD1/4PU182J
	D 827	(A,262,133) DIODE	MTZJ6R2(B)	R	672	(A,240,57)	RD1/4PU821J
	D 828	(A,239,98) DIODE	MTZJ6R2(B)	R	674	(A,236,38)	RD1/4PU223J
B	⚠ D 829	(A,239,128) DIODE	D3SBA20(B)	R	681	(A,66,63)	RD1/4PU222J
	L 751	(A,160,108) COIL	ATH1004	R	682	(B,76,63)	RS1/16S103J
	L 752	(A,173,108) COIL	ATH1004	R	685	(A,77,41)	RD1/4PU273J
	L 753	(A,120,107) COIL	ATH1004	R	686	(A,78,35)	RD1/4PU821J
	L 761	(A,130,108) COIL	ATH1004	R	687	(A,83,10)	RD1/4PU273J
	L 762	(A,142,108) COIL	ATH1004	R	688	(A,135,27)	RD1/4PU562J
	J 43	JUMPER WIRE 11P	D20PYY1120E	R	689	(A,133,27)	RD1/4PU562J
	KN 601	(A,65,23) WRAPPING TERMINAL	VNF1084	R	690	(A,60,52)	RD1/4PU331J
	RY 751	(A,173,130) RELAY	XSR3012	⚠ R	691	(A,55,55) RESISTOR (0.22, 5W)	ACN7094
	RY 752	(A,141,126) RELAY	XSR3012	R	692	(A,70,72)	RD1/4PU182J
	RY 753	(A,117,120) RELAY	XSR3012	R	693	(A,67,77)	RD1/4PU821J
C	CN 701	(A,212,134) 11P JUMPER CONNECTOR	52147-1110	R	694	(A,62,72)	RD1/4PU223J
	CN 702	(A,201,106) 6P JUMPER CONNECTOR	52147-0610	R	695	(A,97,22)	RD1/4PU333J
	CN 705	(A,295,40) 21P PLUG	XKM3011	R	696	(B,281,38)	RS1/16S103J
	CN 754	SP TERMINAL 4-P(V0)	XKE3050	R	697	(B,255,68)	RS1/16S103J
	CN 755	SP TERMINAL 6-P(V0)	XKE3049	R	698	(B,243,67)	RS1/16S333J
	CN 803	(A,231,129) 6P PLUG	KM200TA6	R	701	(A,117,78)	RD1/4PU682J
	CN 805	(A,317,153) 13P PLUG	XKP3066	R	702	(A,101,84)	RD1/4PU682J
	CN 806	19P PLUG	XKP3069	R	703	(A,151,72)	RD1/4PU683J
	CN 807	(A,317,82) 15P PLUG	XKP3067	R	704	(A,147,76)	RD1/4PU683J
	CN 815	(A,295,79) 19P PLUG	XKM3005	R	705	(A,283,85)	RD1/4PU473J
	CN 816	(A,295,126) 21P PLUG	XKM3011	R	706	(A,283,75)	RD1/4PU473J
D	CN 817	(A,308,38) CONNECTOR	CKS3382	R	707	(A,135,77)	RD1/4PU124J
	810	(A,277,90) 11P CABLE HOLDER	51048-1100	R	708	(A,147,81)	RD1/4PU124J
				⚠ R	711	(A,181,86) METAL OXIDE RESISTOR	RS2LMF222J
				R	713	(A,117,81)	RD1/4PU102J
				R	714	(B,252,68)	RS1/16S102J
				R	715	(B,250,75)	RS1/16S103J
				R	716	(B,247,75)	RS1/16S103J
				R	721	(A,125,77)	RD1/4PU822J
				R	722	(A,123,77)	RD1/4PU822J
				R	723	(A,276,78)	RD1/4PU473J
				R	724	(A,279,83)	RD1/4PU473J
				R	725	(A,276,74)	RD1/4PU103J
				R	726	(B,291,59)	RS1/16S103J
				R	727	(B,287,59)	RS1/16S103J
				⚠ R	751	(A,158,119) CARBON FILM RESISTOR	RD1/4PUF101J
				⚠ R	752	(A,185,120) CARBON FILM RESISTOR	RD1/4PUF101J
				⚠ R	753	(A,156,126) METAL OXIDE RESISTOR	RS1LMF4R7J
				⚠ R	754	(A,181,126) METAL OXIDE RESISTOR	RS1LMF4R7J
				⚠ R	755	(A,103,117) CARBON FILM RESISTOR	RD1/4PUF101J
				⚠ R	756	(A,101,120) METAL OXIDE RESISTOR	RS1LMF4R7J
				⚠ R	761	(A,125,117) CARBON FILM RESISTOR	RD1/4PUF101J
				⚠ R	762	(A,155,119) CARBON FILM RESISTOR	RD1/4PUF101J
				⚠ R	763	(A,124,132) METAL OXIDE RESISTOR	RS1LMF4R7J
				⚠ R	764	(A,149,139) METAL OXIDE RESISTOR	RS1LMF4R7J
				R	777	(A,81,41)	RD1/4PU222J
	R 601	(A,96,56)	RD1/4PU222J				
	R 602	(A,230,52)	RD1/4PU222J				
	R 603	(B,93,52)	RS1/16S103J				
	R 604	(B,226,49)	RS1/16S103J				
	R 609	(A,91,35)	RD1/4PU273J				
	R 610	(A,225,35)	RD1/4PU273J				
	R 611	(A,90,28)	RD1/4PU821J				
E	R 612	(A,223,28)	RD1/4PU821J				
	R 613	(A,114,21)	RD1/4PU273J				
	R 614	(A,247,21)	RD1/4PU273J				
	R 615	(A,123,36)	RD1/4PU331J				
	R 616	(A,270,29)	RD1/4PU562J				
	⚠ R 617	(A,114,31) RESISTOR (0.22, 5W)	ACN7094	⚠ R	752	(A,185,120) CARBON FILM RESISTOR	RD1/4PUF101J
	R 618	(A,266,28)	RD1/4PU562J	⚠ R	753	(A,156,126) METAL OXIDE RESISTOR	RS1LMF4R7J
	R 619	(A,122,52)	RD1/4PU182J	⚠ R	754	(A,181,126) METAL OXIDE RESISTOR	RS1LMF4R7J
	R 620	(A,257,36)	RD1/4PU331J	⚠ R	755	(A,103,117) CARBON FILM RESISTOR	RD1/4PUF101J
	R 621	(A,124,49)	RD1/4PU821J	⚠ R	756	(A,101,120) METAL OXIDE RESISTOR	RS1LMF4R7J
	⚠ R 622	(A,248,31) RESISTOR (0.22, 5W)	ACN7094	⚠ R	761	(A,125,117) CARBON FILM RESISTOR	RD1/4PUF101J
F	R 623	(A,116,48)	RD1/4PU223J	⚠ R	762	(A,155,119) CARBON FILM RESISTOR	RD1/4PUF101J
	R 624	(A,257,52)	RD1/4PU182J	⚠ R	763	(A,124,132) METAL OXIDE RESISTOR	RS1LMF4R7J
				⚠ R	764	(A,149,139) METAL OXIDE RESISTOR	RS1LMF4R7J

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	778	(B,84,48)	RS1/16S103J	C	703	(A,43,130) ELECT.CAPACITOR	XCH3012
R	781	(A,87,30)	RD1/4PU273J	C	704	(A,38,150) ELECT.CAPACITOR	XCH3012
R	782	(A,84,22)	RD1/4PU821J				
R	783	(A,104,21)	RD1/4PU273J	C	705	(A,156,81) ELECT. CAPACITOR	CEAT100M2A
R	784	(A,111,35)	RD1/4PU331J	C	706	(A,143,84) ELECT. CAPACITOR	CEAT100M2A
△R	785	(A,105,31) RESISTOR (0.22, 5W)	ACN7094	C	707	(A,17,99) MYLAR FILM CAPACITOR	CQMA103K2E
R	786	(A,111,57)	RD1/4PU182J	C	708	(A,16,137) MYLAR FILM CAPACITOR	CQMA103K2E
R	787	(A,106,57)	RD1/4PU821J	C	709	(A,257,73)	CEAT1R0M50
R	788	(A,102,38)	RD1/4PU223J	C	711	(A,195,99) ELECT. CAPACITOR	CEAT101M35
R	806	(B,283,48)	RS1/16S103J	C	712	(A,189,105)	CEAT101M10
R	807	(B,278,48)	RS1/16S103J	C	751	(A,159,143) FILM CAPACITOR	CQMA224J50
R	808	(B,283,52)	RS1/16S102J	C	752	(A,181,150) FILM CAPACITOR	CQMA224J50
R	809	(B,261,105)	RS1/16S122J	C	753	(A,157,155) FILM CAPACITOR	CQMA224J50
R	810	(B,264,105)	RS1/16S271J	C	754	(A,181,158) FILM CAPACITOR	CQMA224J50
R	885	(B,310,57)	RS1/16S221J	C	755	(A,103,147) FILM CAPACITOR	CQMA224J50
R	886	(B,310,61)	RS1/16S221J	C	756	(A,96,151) FILM CAPACITOR	CQMA224J50
R	887	(B,310,65)	RS1/16S221J	C	757	(A,157,164) FILM CAPACITOR	CQMA224J50
R	888	(B,315,22)	RS1/16S221J	C	758	(A,177,164) FILM CAPACITOR	CQMA224J50
R	1101	(B,273,68)	RS1/16S0R0J	C	759	(A,101,164) FILM CAPACITOR	CQMA224J50
R	1102	(B,274,61)	RS1/16S0R0J	C	761	(A,122,139) FILM CAPACITOR	CQMA224J50
R	1106	(B,146,53)	RS1/16S0R0J	C	762	(A,152,145) FILM CAPACITOR	CQMA224J50
R	1107	(B,211,58)	RS1/16S0R0J	C	763	(A,122,146) FILM CAPACITOR	CQMA224J50
R	1108	(B,233,58)	RS1/16S0R0J	C	764	(A,150,152) FILM CAPACITOR	CQMA224J50
R	1109	(B,285,56)	RS1/16S0R0J	C	773	(A,138,164) FILM CAPACITOR	CQMA224J50
R	1110	(B,241,68)	RS1/16S0R0J	C	778	(B,84,34)	CKSRB331K50
CAPACITORS				C	779	(A,81,33)	CEAT4R7M50
C	521	(A,120,164) FILM CAPACITOR	CQMA123J50	C	780	(B,88,18)	CCSRCH470J50
C	603	(B,94,39)	CKSRB331K50	C	781	(A,87,27)	CEAT101M16
C	604	(B,227,38)	CKSRB331K50	C	782	(B,107,27)	CCSRCH470J50
C	605	(A,96,38)	CEAT4R7M50	C	783	(B,107,24)	CCSRCH470J50
C	606	(A,230,38)	CEAT4R7M50	C	784	(A,105,49)	CEANP2R2M50
C	607	(B,95,20)	CCSRCH470J50	C	801	(A,248,114) ELECT. CAPACITOR	CEAT222M25
C	608	(B,230,17)	CCSRCH470J50	C	802	(A,249,100) ELECT. CAPACITOR	CEAT222M25
C	609	(A,91,32)	CEAT101M16	C	806	(A,288,55)	CEAT1R0M50
C	610	(A,225,32)	CEAT101M16	C	807	(B,226,95)	CKSRB103K25
C	611	(B,117,22)	CCSRCH470J50	C	808	(A,245,142) ELECT. CAPACITOR	CEAT472M16
C	612	(B,250,24)	CCSRCH470J50	C	809	(A,234,95)	CEAT101M10
C	613	(B,117,27)	CCSRCH470J50	C	810	(A,266,133)	CEAT101M10
C	614	(B,250,28)	CCSRCH470J50	C	811	(B,279,128)	CKSRB103K25
C	615	(A,116,45)	CEANP2R2M50	C	812	(B,278,109)	CKSRB103K25
C	616	(A,250,45)	CEANP2R2M50	C	813	(A,276,118)	CEAT101M16
C	654	(B,217,33)	CKSRB331K50				
C	656	(A,215,33)	CEAT4R7M50				
C	658	(B,221,17)	CCSRCH470J50				
C	660	(A,219,25)	CEAT101M16				
C	662	(B,241,27)	CCSRCH470J50				
C	664	(B,241,24)	CCSRCH470J50				
C	666	(A,239,49)	CEANP2R2M50				
C	682	(B,74,48)	CKSRB331K50				
C	683	(A,74,50)	CEAT4R7M50				
C	684	(B,82,18)	CCSRCH470J50				
C	685	(A,78,38)	CEAT101M16				
C	686	(B,92,9)	CCSRCH470J50				
C	687	(B,87,8)	CCSRCH470J50				
C	688	(A,75,78)	CEANP2R2M50				
C	696	(B,281,35)	CKSRB102K50				
C	697	(A,286,34)	CEAT221M6R3				
C	701	(A,49,80) ELECT.CAPACITOR	XCH3026				
C	702	(A,49,107) ELECT.CAPACITOR	XCH3026				

2. SCHEMATIC DIAGRAM

2.1 MAIN ASSY (1/3)

A 1/3F MAIN ASSY (XWK3228)



A 1/3F

C 2/2F CN815

(L) : Audio Signal Route (L ch)

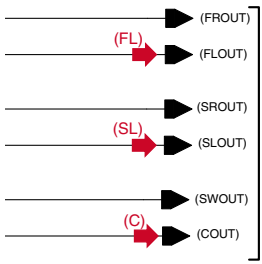
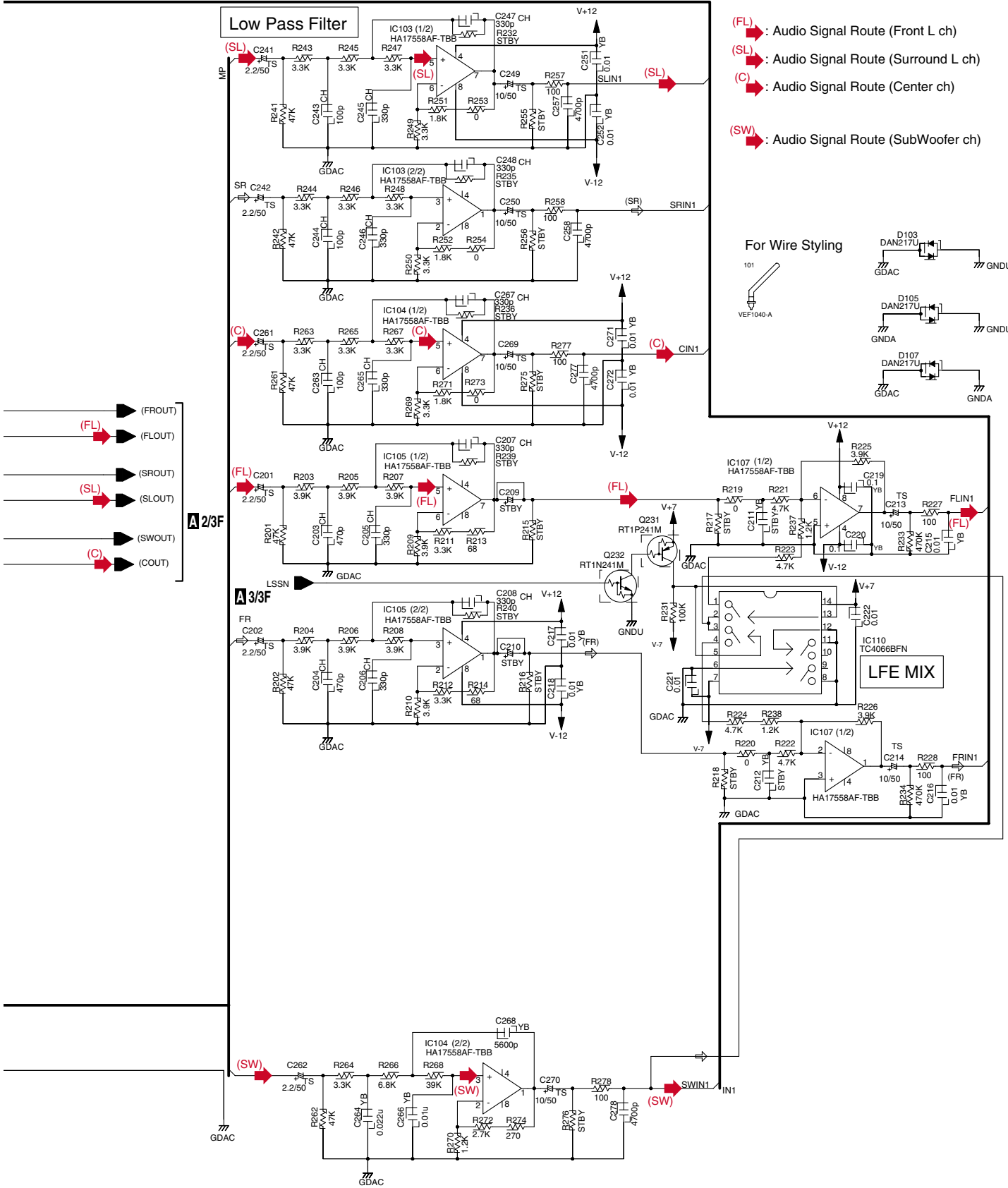
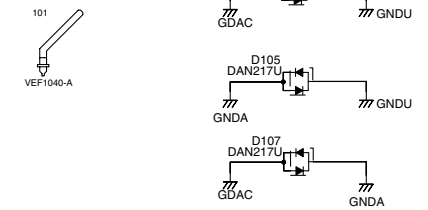
(FL) : Audio Signal Route (Front L ch)

(SL) : Audio Signal Route (Surround L ch)

(C) : Audio Signal Route (Center ch)

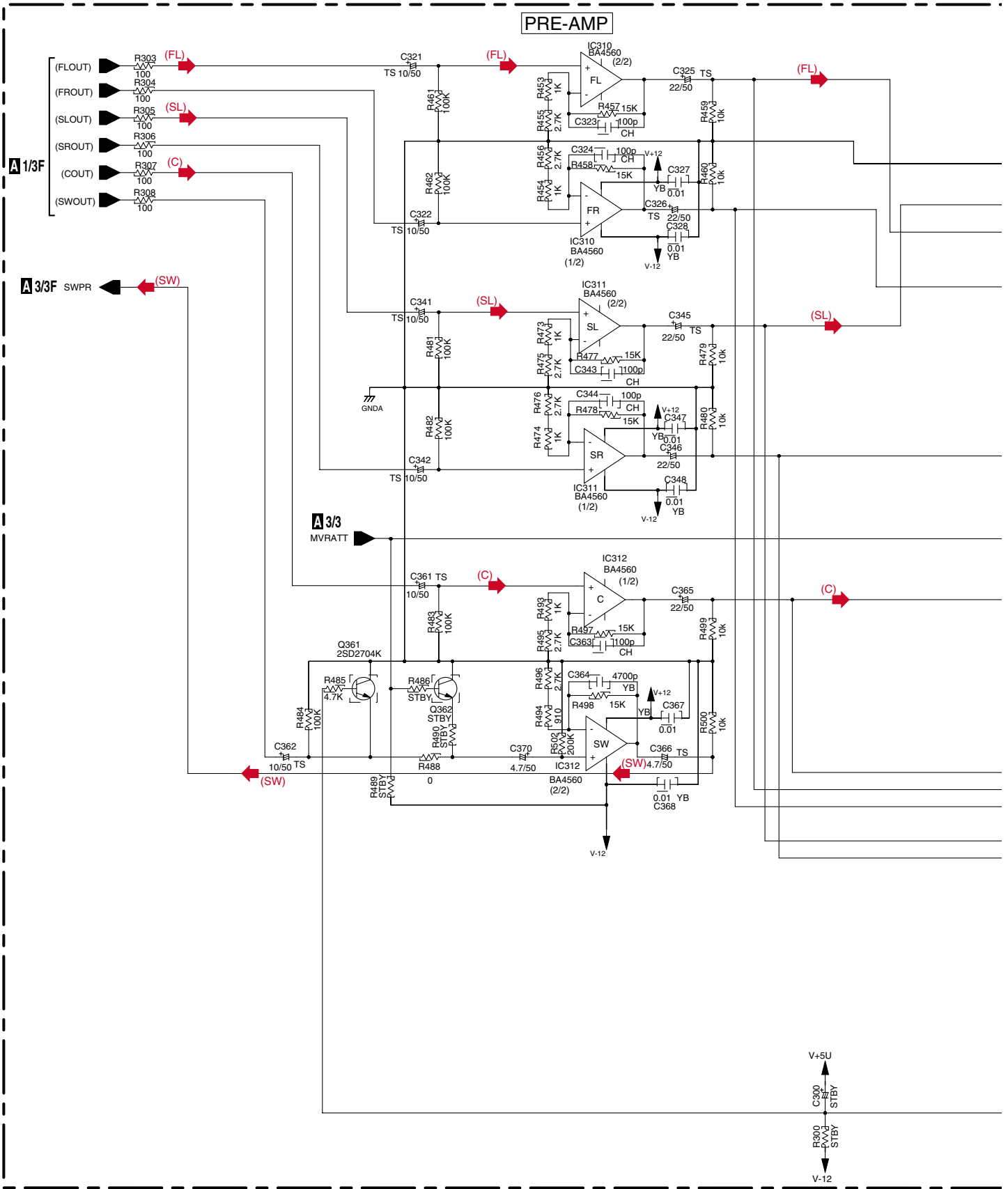
(SW) : Audio Signal Route (SubWoofer ch)

For Wire Styling



2.2 MAIN ASSY (2/3)

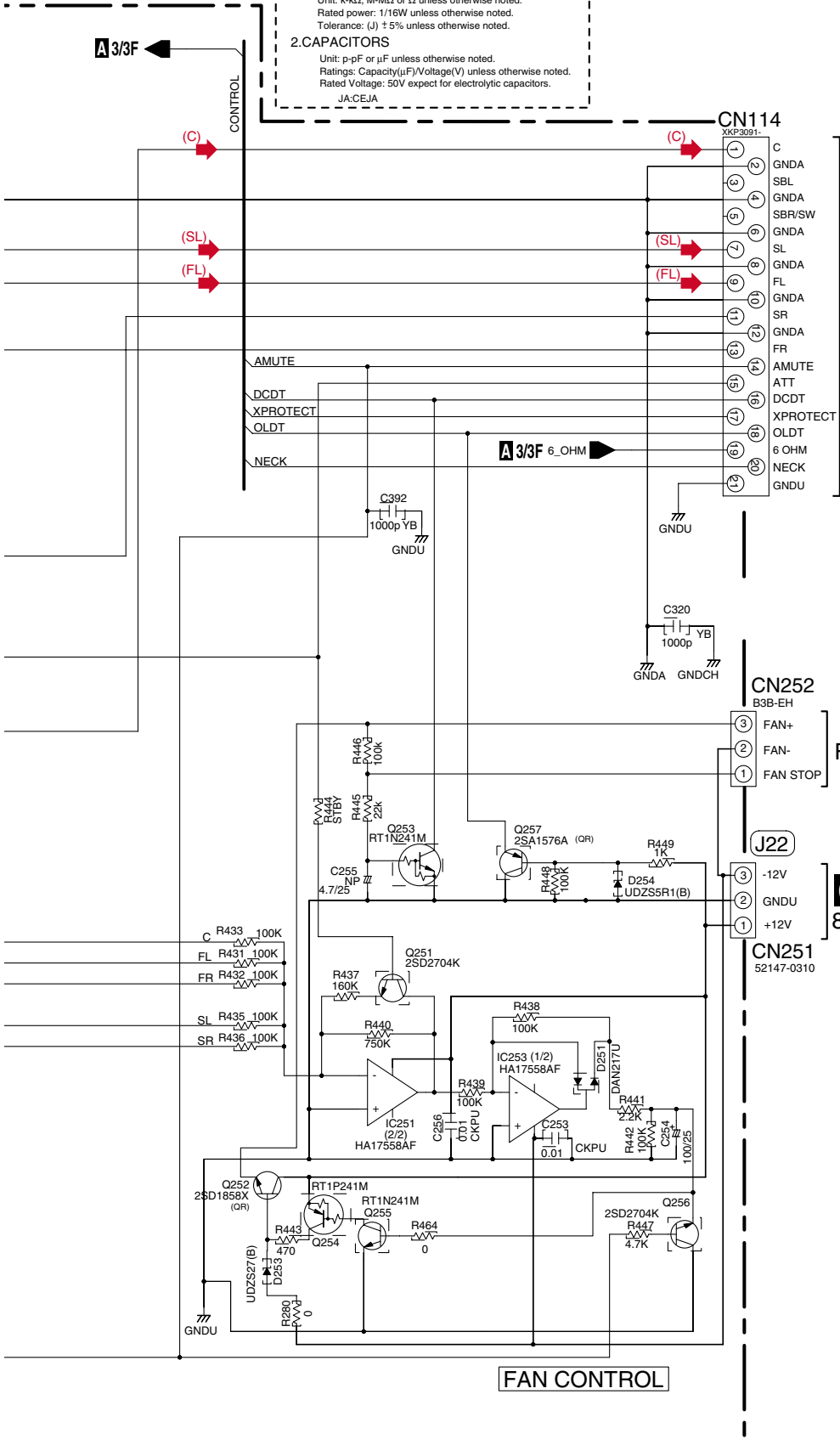
A 2/3F MAIN ASSY (XWK3228)



A 2/3F

- (FL) : Audio Signal Route (Front L ch)
- (SL) : Audio Signal Route (Surround L ch)
- (C) : Audio Signal Route (Center ch)
- (SW) : Audio Signal Route (SubWoofer ch)

NOTE
1.RESISTORS
 Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
 Rated power: 1/16W unless otherwise noted.
 Tolerance: (J) ±5% unless otherwise noted.
2.CAPACITORS
 Unit: p-pF or μF unless otherwise noted.
 Ratings: Capacity(μF)/Voltage(V) unless otherwise noted.
 Rated Voltage: 50V expect for electrolytic capacitors.
 JA:CEJA



C 1/2F
CN705

FAN

891

FAN CONTROL

A 2/3F

2.3 MAIN ASSY (3/3)

A 3/3F MAIN ASSY (XWK3228)

A

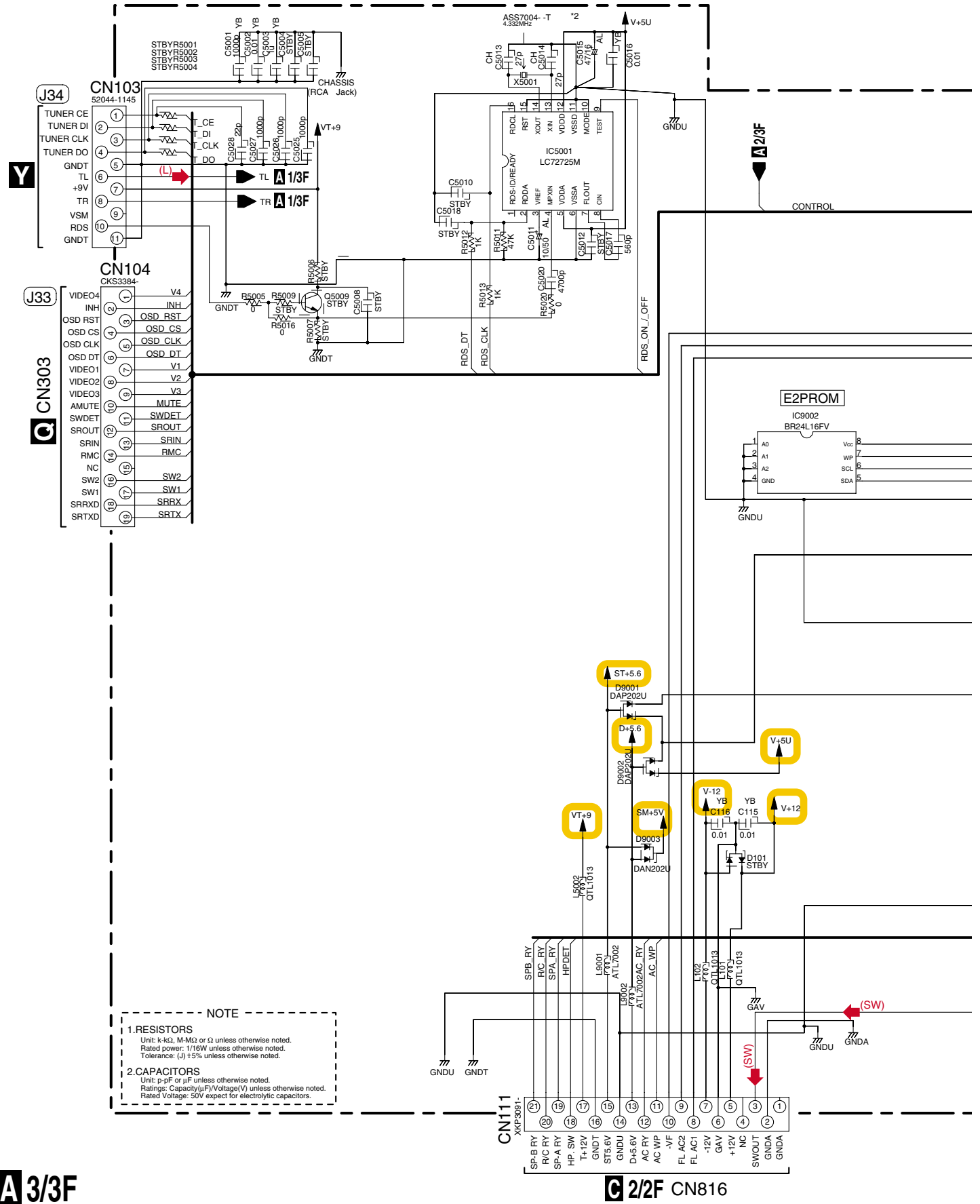
B

C

D

E

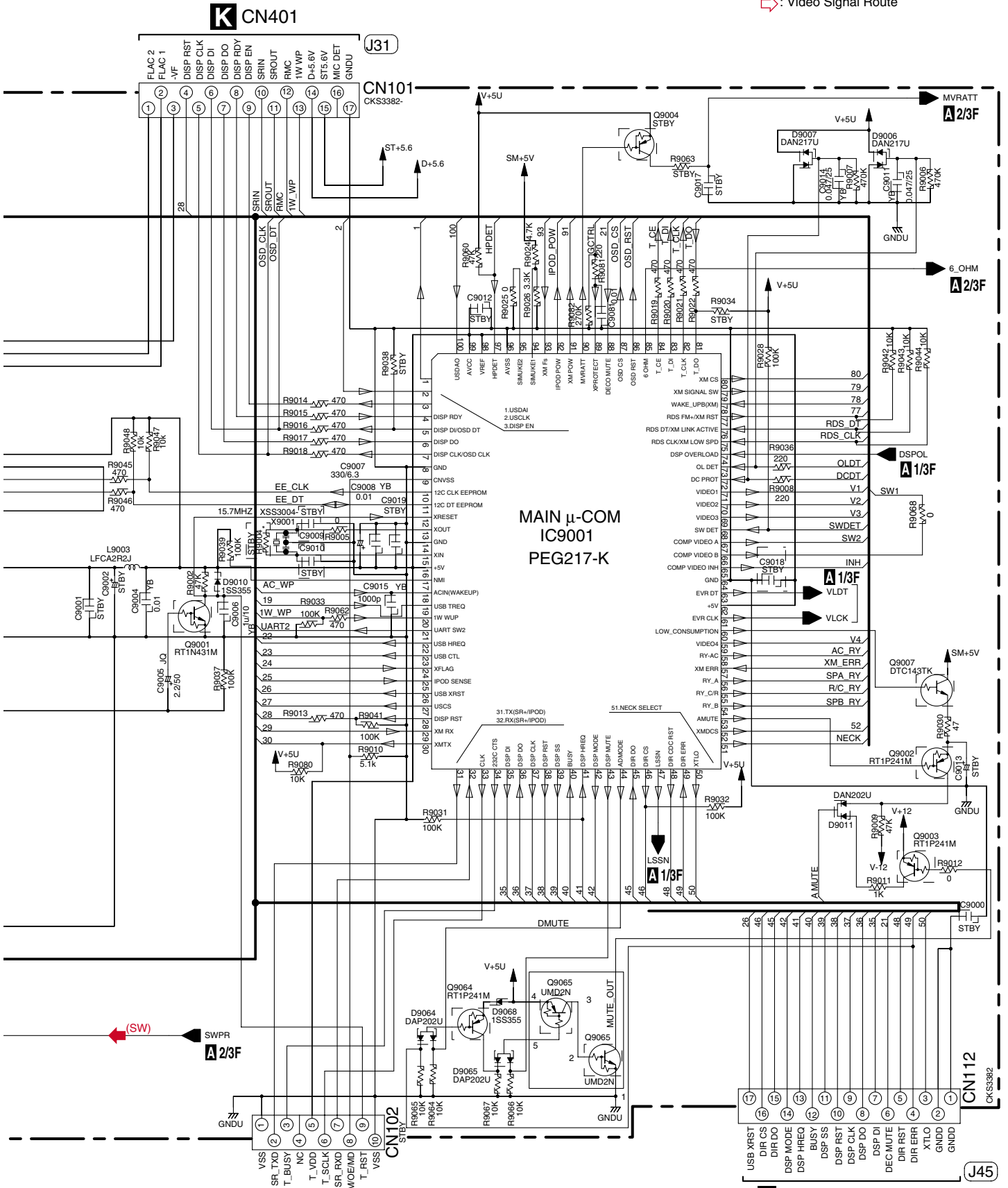
F



A 3/3F

C 2/2F CN816

(L) : Audio Signal Route (L ch)
 (SW) : Audio Signal Route (SubWoofer ch)
 (V) : Video Signal Route



K CN401

J31

CN101
CKS3382

MAIN μ-COM
IC9001
PEG217-K

CN102

CN112
CKS3382

G 2/2F CN817

A 3/3F

FLASH U-COM

VSX-416-K

2.4 POWER PACK (1/2), TRANS2 and TRANS3 ASSYS

C 1/2F POWER PACK ASSY (XWZ4081)

A

B

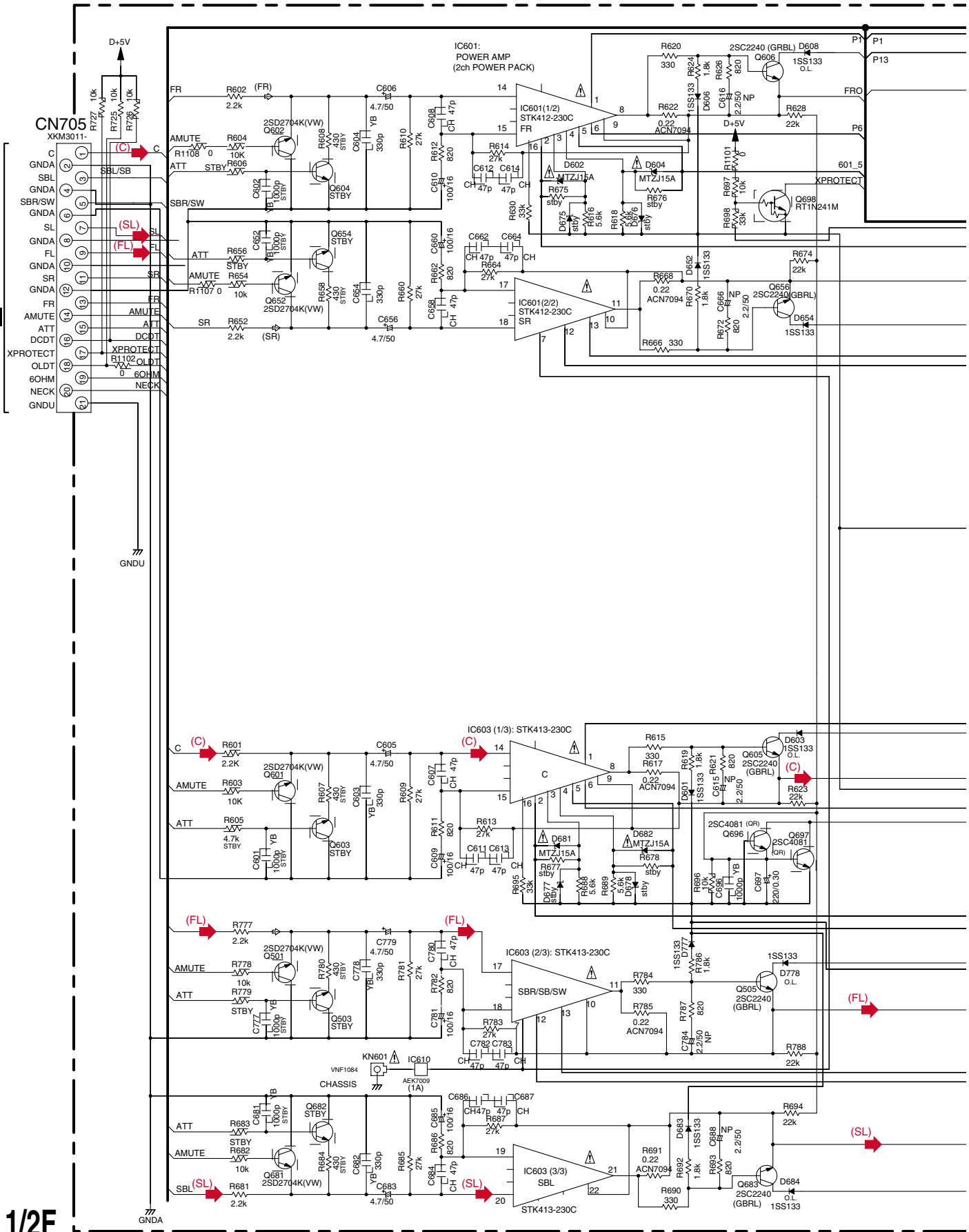
C

D

E

F

A 2/3F CN114



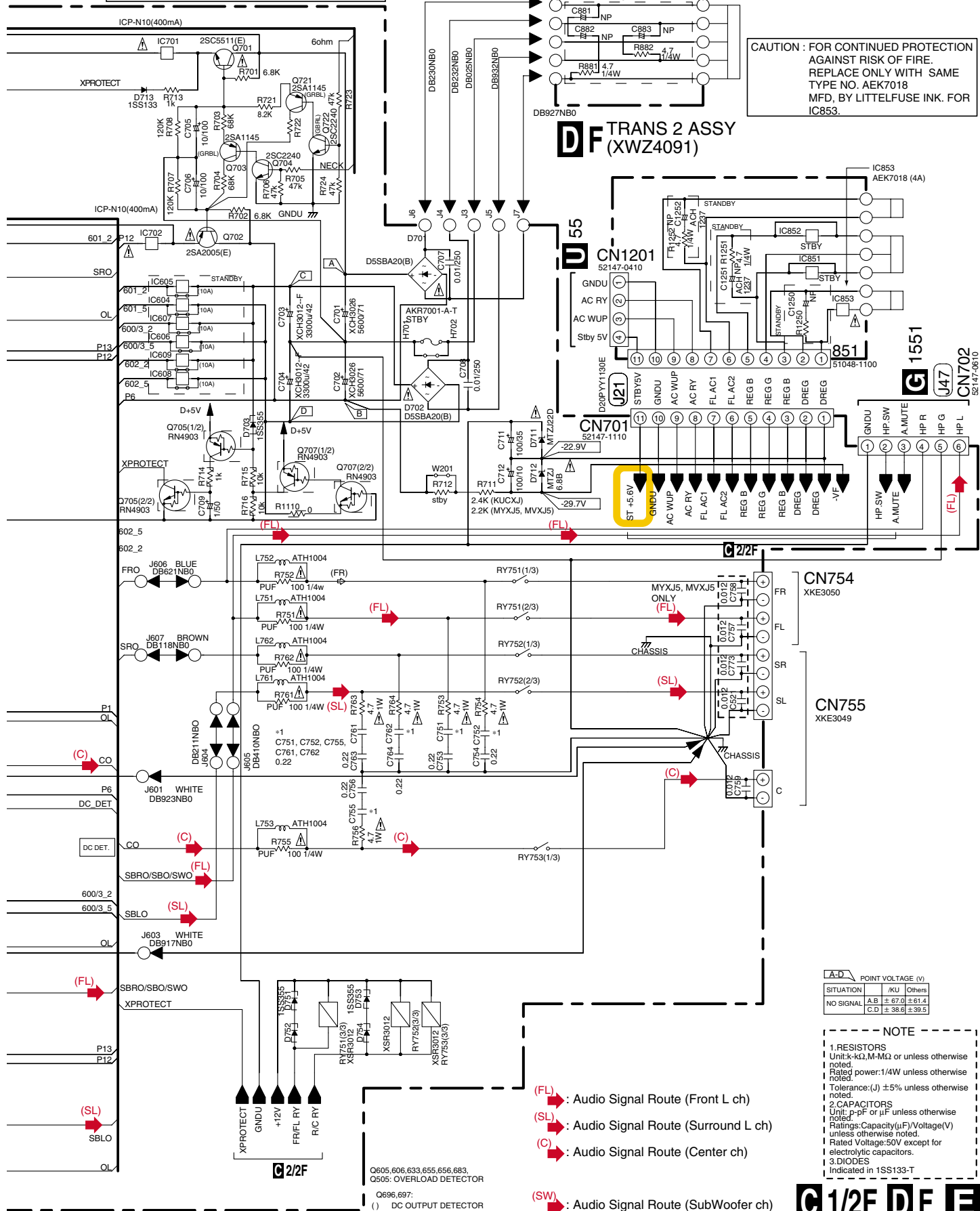
C 1/2F

CAUTION : FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH SAME TYPE NO. ICP-N10, MFD BY ROHM CO., LTD. FOR IC701 and IC702.

E TRANS 3 ASSY (XWZ4079)

CAUTION : FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH SAME TYPE NO. AEK7018 MFD. BY LITTELFUSE INK. FOR IC853.

D TRANS 2 ASSY (XWZ4091)



A-D POINT VOLTAGE (V)		
SITUATION	KU	Others
NO SIGNAL	A.B ± 67.0 ± 61.4	C.D ± 38.6 ± 39.5

- NOTE**
- 1. RESISTORS
Unit:k-kΩ, M-MΩ or unless otherwise noted.
Rated power:1/4W unless otherwise noted.
 - 1 Tolerance:(J) ±5% unless otherwise noted.
 - 2. CAPACITORS
Unit: p-pF or μF unless otherwise noted.
Ratings:Capacity(μF)/Voltage(V) unless otherwise noted.
Rated Voltage:50V except for electrolytic capacitors.
 - 3. DIODES
Indicated in 1SS133-T

- (FL) : Audio Signal Route (Front L ch)
- (SL) : Audio Signal Route (Surround L ch)
- (C) : Audio Signal Route (Center ch)
- (SW) : Audio Signal Route (SubWoofer ch)

O605,606,633,655,656,683,
O505: OVERLOAD DETECTOR
O696,697:
() DC OUTPUT DETECTOR

C 1/2F D F E

2.5 POWER PACK ASSY (1/2)

C 2/2F POWER PACK ASSY (XWZ4081)

A

B

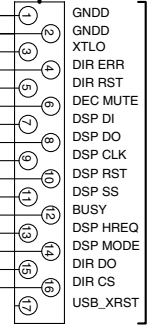
C

D

E

F

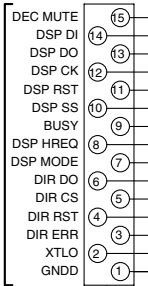
J45



A 3/3F
CN112

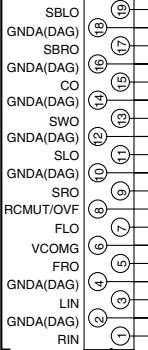
CN817
CKS3382

CN807
XKP3067



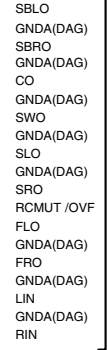
B 2/2
CN952

CN806
XKP3069



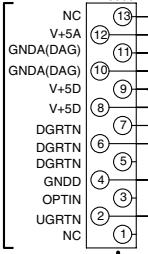
B 1/2
CN701

CN815
XKM3005

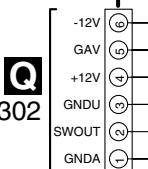


A 1/3F
CN109

CN805
XKP3066



B 1/2
CN902



CN803
KM200TA6



C 2/2F

- (L) : Audio Signal Route (L ch)
- (FL) : Audio Signal Route (Front L ch)
- (SL) : Audio Signal Route (Surround L ch)
- (C) : Audio Signal Route (Center ch)
- (SW) : Audio Signal Route (SubWoofer ch)

NOTE

1.RESISTORS
Unit:k- Ω ,M-M Ω or unless otherwise noted.
Rated power:1/4W unless otherwise noted.
Tolerance:(J) \pm 5% unless otherwise noted.

2.CAPACITORS
Unit: p-pF or μ F unless otherwise noted.
Ratings:Capacity(μ F)/Voltage(V) unless otherwise noted.
Rated Voltage:50V except for electrolytic capacitors.

