

Service Manual

ORDER NO.
RRV3477

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-84TXSi

VSX-84TXSi-S

VSX-82TXS

VSX-82TXS-S

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

Model	Type	Power Requirement	Remarks
VSX-84TXSi	KUXJ/CA	AC 120 V	
VSX-84TXSi-S	KUXJC	AC 120 V	
VSX-82TXS	KUXJ/CA	AC 120 V	
VSX-82TXS-S	KUXJC	AC 120 V	

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

Model No.	Order No.	Remarks
VSX-74TXVi/KUXJ/CA	RRV3197	

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

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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 $\begin{matrix} 5 & 6 & 1 \\ \hline \end{matrix}$ J

47k Ω $\rightarrow$ 47×10^3 $\rightarrow$ 473 RD1/4PU $\begin{matrix} 4 & 7 & 3 \\ \hline \end{matrix}$ J

0.5 Ω $\rightarrow$ R50 RN2H $\begin{matrix} R & 5 & 0 \\ \hline \end{matrix}$ K

1 Ω $\rightarrow$ 1R0 RS1P $\begin{matrix} 1 & R & 0 \\ \hline \end{matrix}$ K

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 $\begin{matrix} 5 & 6 & 2 & 1 \\ \hline \end{matrix}$ F

■ CONTRAST TABLE

VSX-84TXSi/KUXJ/CA, VSX-84TXSi-S/KUXJC and VSX-74TXVi/KUXJ/CA are constructed the same except for the following :

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-74TXVi /KUXJ/CA	VSX-84TXSi /KUXJ/CA	VSX-84TXSi-S /KUXJC	
P13- 2	NSP	PCB ASSEMBLIES 1394 ASSY	AWK7882	Not used	Not used	
P19- 1		COMPLEX ASSY └ DISPLAY ASSY	AWM7975 AWX8635	XWM3331 XWZ4170	XWM3331 XWZ4170	
P13- 5		DIGITAL MOTHER ASSY	AXX7226 (AWP7037)	AXX7218 (XWP3004)	AXX7218 (XWP3004)	
P13- 6 P13- 6		HDMI & DVC Assy HDMI & 1394 Assy	AWQ7024 Not used	Not used AXX7214 (AWX8717)	Not used AXX7214 (AWX8717)	
P15- 2 P15- 3 P15- 4	NSP	VIDEO ASSY └ COMPOSITE V Assy └ S VIDEO Assy └ PREOUT & CONTROL Assy	AWQ7026 AWX8620 AWX8622 AWX8625	XWQ3009 XWZ4167 XWZ4169 XWZ4175	XWQ3009 XWZ4167 XWZ4169 XWZ4175	
P15- 5		COMPONENT & VOL ASSY	AWQ7028	XWQ3002	XWQ3002	
P13-12 P13-15	NSP	SECONDARY ASSY └ INTERFACE Assy	AWR7023 AWX8651	XWR3004 XWZ4174	XWR3004 XWZ4174	
		DSP Assy	AWX8599	AWX8716	AWX8716	
P9- 1 P9- 4 P9- 5	NSP	PACKING SECTION Audio Control Cable for iPod Setup Microphone (for Auto MCACC setup) Remote Control Unit Sub Room Remote Control Unit Battery Cover (for Sub Room Remote Control Unit)	ADE7119 APM7006 AXD7455 Not used Not used	XDE7025 APM7008 XXD3116 XXD3113 AZN8018	XDE7025 APM7008 XXD3116 XXD3113 AZN8018	
P9- 7 P9- 8 P9- 9		AA/R6P Dry Cell Batteries Operating Instructions (English) Operating Instructions (Audio Control Cable for iPod)	VEM1031 ARB7334 ARE7600	XEX3001 XRB3066 Not used	XEX3001 XRB3066 Not used	
P9-16		Packing Case	AHD8418	XHD3627	XHD3628	
P9-17		iPod Label Disclaimer	ARW7332 ARX7073	Not used XRM3008	Not used XRM3008	
P11- 1 P11- 8		EXTERIOR SECTION Bonnet Screw	AZN8006 BCZ40P060FTB	AZN8006 BCZ40P060FTB	AZN8008 BCZ40P060FNI	

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-74TXVi /KUXJ/CA	VSX-84TXSi /KUXJ/CA	VSX-84TXSi-S /KUXJC	
		CHASSIS SECTION				
P13-24	NSP NSP	22P Flexible Cable (J52)	ADD7517	Not used	Not used	
P13-25		10P Flexible Cable (J53)	ADD7518	Not used	Not used	
P13-29		DSP Shield	ANG7540	XNG3155	XNG3155	
P13-33		HDMI Shield	ANK7124	XNK3011	XNK3011	
P13-37		Shield Cushion	AEB7372	Not used	Not used	
P13-38		Nyron Rivet	AEC7406	Not used	Not used	
P13-42		Locking Card Spacer	AEC7549	Not used	Not used	
		REAR PANEL SECTION				
P15-17		Rear Panel	ANC8324	XNC3451	XNC3459	
P15-23		Cushion Circle 16B	AED7093	AED7052	AED7052	
		FRONT PANEL SECTION				
P19-10		Cushion Circle	AED7083	AED7083	AED7080	
P19-13		Door Base	AMR7508	AMR7508	AMR7510	
P19-14		Door Panel	ANB7369	ANB7369	ANB7391	
P19-16		Rotary Knob	AAA7036	AAA7036	AAA7034	
P19-17		Hinge Button	AAD7744	AAD7744	AAD7746	
P19-18		ENTER Button	AAD7747	AAD7747	AAD7749	
P19-19		Door Sheet	AAK8291	AAK8291	AAK8293	
P19-20		Window	AAK8296	XAK3563	XAK3563	
P19-21		Filter	AAK8308	AAK8308	AAK8311	
P19-24		Panel Base	AMB7900	AMB7900	AMB7907	
P19-25		Front Panel	ANB7374	XNB3005	XNB3006	
P19-27		Pioneer Badge	PAN1376	PAN1376	VAM1124	
P19-28		STBY BTN Assy	XAD3216	XAD3216	XAD3217	
P19-30		Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI	

Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES", "PCB PARTS LIST", "2. SCHEMATIC DIAGRAM" and "3. PCB CONNECTION DIAGRAM".

VSX-82TXSi/KUXJ/CA, VSX-82TXSi-S/KUXJC and VSX-72TXVi/KUXJ/CA are constructed the same except for the following :

A

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-72TXVi /KUXJ/CA	VSX-82TXSi /KUXJ/CA	VSX-82TXSi-S /KUXJC	
P19- 1	NSP	PCB ASSEMBLIES COMPLEX ASSY └ DISPLAY ASSY	AWM7979 AWX8636	XWM3335 XWZ4172	XWM3335 XWZ4172	
P13- 5		DIGITAL MOTHER ASSY	AXX7230 (AWP7041)	AXX7222 (XWP3008)	AXX7222 (XWP3008)	
P13- 6		HDMI & DVC Assy	AWQ7024	AXX7215 (AWX8718)	AXX7215 (AWX8718)	
P15- 2	NSP	VIDEO ASSY └ COMPOSITE V Assy	AWQ7026 AWX8620	XWQ3009 XWZ4167	XWQ3009 XWZ4167	
P15- 3		└ S VIDEO Assy	AWX8622	XWZ4169	XWZ4169	
P15- 4		└ PREOUT & CONTROL Assy	AWX8625	XWZ4175	XWZ4175	
P15- 5		COMPONENT & VOL ASSY	AWQ7030	XWQ3006	XWQ3006	
P13-15		DSP Assy	AWX8599	AWX8716	AWX8716	
P9- 1		PACKING SECTION Audio Control Cable for iPod	ADE7119	XDE7025	XDE7025	
P9- 4		Setup Microphone (for Auto MCACC setup)	APM7006	APM7008	APM7008	
P9- 5		Remote Control Unit	AXD7455	XXD3116	XXD3116	
P9- 7	NSP	AA/R6P Dry Cell Batteries	VEM1031	XEX3001	XEX3001	
P9- 8		Operating Instructions (English)	ARB7334	XR3066	XR3066	
P9- 9		Operating Instructions (for Auto MCACC setup)	ARE7600	Not used	Not used	
P9-16		Packing Case	AHD8419	XHD3629	XHD3630	
P9-17		iPod Label	ARW7332	Not used	Not used	
		Disclaimer	ARX7073	XRM3008	XRM3008	
P11- 1		EXTERIOR SECTION Bonnet	AZN8006	AZN8006	AZN8008	
P11- 8		Screw	BCZ40P060FTB	BCZ40P060FTB	BCZ40P060FNI	
P13-29	NSP	CHASSIS SECTION DSP Shield	ANG7540	XNG3155	XNG3155	
P13-33	NSP	HDMI Shield	ANK7124	XNK3011	XNK3011	
P15-17		REAR PANEL SECTION Rear Panel	ANC8325	XNC3452	XNC3460	
P15-23		Cushion Circle 16B	AED7093	AED7052	AED7052	
P19-10		FRONT PANEL SECTION Cushion Circle	AED7083	AED7083	AED7080	
P19-13		Door Base	AMR7508	AMR7508	AMR7510	
P19-14		Door Panel	ANB7369	ANB7369	ANB7391	
P19-16		Rotary Knob	AAA7036	AAA7036	AAA7034	
P19-17		Hinge Button	AAD7744	AAD7744	AAD7746	
P19-18		ENTER Button	AAD7747	AAD7747	AAD7749	
P19-19		Door Sheet	AAK8291	AAK8291	AAK8293	
P19-20		Window	AAK8297	XAK3564	XAK3564	
P19-21		Filter	AAK8308	AAK8308	AAK8311	
P19-24		Panel Base	AMB7900	AMB7900	AMB7907	
P19-25		Front Panel	ANB7375	XNB3007	XNB3008	
P19-27		Pioneer Badge	PAN1376	PAN1376	VAM1124	
P19-28		STBY BTN Assy	XAD3216	XAD3216	XAD3217	
P19-30		Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FNI	

Notes : For PCB ASSEMBLIES, Refer to “CONTRAST OF PCB ASSEMBLIES”, “PCB PARTS LIST”, “2. SCHEMATIC DIAGRAM” and “3. PCB CONNECTION DIAGRAM”.

F

■ CONTRAST OF PCB ASSEMBLIES

■ F COMPOSITE V ASSY

XWZ4167 and AWX8620 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX8620	XWZ4167	
	IC2007 R2011 R2012 R2092 C2012	PDC131A Not used RS1/16S750J RS1/16S0R0J CEAT102M6R3	PDC132A RS1/16S0R0J RS1/16S473J Not used CEAT100M50	*

* : Refer to the stby parts of “3.7 COMPOSIT V ASSY” on the service manual RRV3197.

■ F COMPONENT&VOL ASSY (VSX-84TXSi)

XWQ3002 and AWQ7028 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWQ7028	XWQ3002	
	D2752 D2753, D2754 L2752 L2755 L2757-L2760	1SS355 Not used Not used QTL1013 VTL1083	Not used RB501V-40 QTL1013 Not used CTF1385	* *
	CN2409, CN2502 17P FFC CONNECTOR CN2601, CN2603 19P FFC CONNECTOR CN2602 26P FFC CONNECTOR CN2702 11P FFC CONNECTOR JA2703 JACK	52045-1745 52045-1945 52045-2645 52045-1145 Not used	CKS3382 CKS3384 CKS3391 CKS3376 CKS4124	*
	R2467-R2469 R2759 R2760 R2762 C2467	RS1/16S750J RS1/16S102J RS1/16S0R0J Not used CEAT102M6R3	RS1/16S473J Not used Not used RS1/16S0R0J CEAT100M50	*
	C2468, C2469 C2785 C2786	CEAT471M6R3 Not used Not used	CEAT100M50 CKSRYB104K16 CKSRYB471K50	* *

* : Refer to the stby parts of “3.12 COMPONENT & VOL ASSY (4/4)” on the service manual RRV3197.

■ F COMPONENT&VOL ASSY (VSX-82TXS)

XWQ3006 and AWQ7030 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWQ7030	XWQ3006	
	D2752 D2753, D2754 L2752 L2755 L2757-L2760	1SS355 Not used Not used QTL1013 VTL1083	Not used RB501V-40 QTL1013 Not used CTF1385	* *
	CN2409, CN2502 17P FFC CONNECTOR CN2601, CN2603 19P FFC CONNECTOR CN2602 26P FFC CONNECTOR CN2702 11P FFC CONNECTOR JA2703 JACK	52045-1745 52045-1945 52045-2645 52045-1145 Not used	CKS3382 CKS3384 CKS3391 CKS3376 CKS4124	*
	R2467-R2469 R2759 R2760 R2762 C2467	RS1/16S750J RS1/16S102J RS1/16S0R0J Not used CEAT102M6R3	RS1/16S473J Not used Not used RS1/16S0R0J CEAT100M50	*
	C2468, C2469 C2785 C2786	CEAT471M6R3 Not used Not used	CEAT100M50 CKSRYB104K16 CKSRYB471K50	* *

* : Refer to the stby parts of “3.12 COMPONENT & VOL ASSY (4/4)” on the service manual RRV3197.

JF S-VIDEO ASSY

XWZ4169 and AWX8622 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX8622	XWZ4169	
	R2221, R2222 C2221	RS1/16S750J CEAT102M6R3	RS1/16S473J CEAT100M50	

NF INTERFACE ASSY (VSX-84TXSi)

XWZ4174 and AWX8651 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX8651	XWZ4174	
	Q4303 L4311–L4318, L4320–L4324 CN4301 15P FFC CONNECTOR CN4310 24P SOCKET CN4322 30P SOCKET CN4323 6P CONNECTOR	RT1N241C VTL1083 52045-1545 AKP7203 Not used Not used	RT1N241C-12 CTF1385 CKS3380 Not used XKP3092 BTEM6S-1S	 * *

* : Refer to the stby parts of “3.23 INTERFACE ASSY” on the service manual RRV3197.

LF DIGITAL MOTHER ASSY (VSX-84TXSi)

XWP3004 and AWP7037 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWP7037	XWP3004	
	IC102 IC202 IC304, IC318 IC306, IC309 IC310 L309, L311, L313 CN101 23P FFC CONNECTOR CN103 19P FFC CONNECTOR CN303 22P FFC CONNECTOR CN305 10P FFC CONNECTOR CN306 B TO B CONNECTOR 6P R231, R435–R437 R242, R243 R300, R338, R342, R346, R350, R382, R386, R390 R412, R414, R417, R419, R421, R476, R477, R499 R962 R333, R335, R336, R339, R340, R343, R344, R347 R348, R379, R380, R383, R384, R387, R388, R488 R964 R337, R341, R345, R349, R381, R385, R389, R489 R391 R392–R394 R395, R400, R405, R410, R411, R413, R415, R416 R418, R420, R422, R425, R472, R473, R963 R396 R397–R399 R433, R434, R438 R471 R474, R475 C333, C338, C344, C355, C368, C374, C377 C334, C339, C345, C369 C347 C348 C357 C375	AYW7133 AYW7080 SN74LVC1G97DCK SN74LV157APW Not used QTL1013 52045-2345 52045-1945 RKN1063 AKN7041 Not used RS1/16S104J RS1/16S104J Not used Not used Not used RS1/16S101J RS1/16S101J RS1/16S101J RS1/16S470J Not used Not used RS1/16S0R0J RS1/16S0R0J Not used Not used RAB4C104J Not used RS1/16S0R0J RS1/16S0R0J CKSRYB104K16 CKSRYB471K50 Not used Not used CEAT101M10 CKSRYB472K50	AYW7114 AYW7115 Not used Not used TC74VHC541FTS1 Not used CKS3388 CKS3384 Not used Not used BTEM6P-1R Not used RS1/16S0R0J RS1/16S0R0J RS1/16S0R0J RS1/16S0R0J Not used Not used Not used Not used RAB4C101J RS1/16S101J Not used Not used RAB4C470J RS1/16S470J Not used RS1/16S104J RS1/16S104J Not used Not used CKSRYB104K16 CKSRYB471K50 Not used Not used	 * (6/8) * (3/8) * (4/8) * (3/8,4/8,6/8) * (6/8) * (6/8) * (6/8) * (6/8) * (3/8) * (6/8) * (6/8)

* : Refer to the stby parts of “3.13 – 3.20 DIGITAL MOTHER ASSY (1/8 – 8/8)” on the service manual RRV3197.

LF DIGITAL MOTHER ASSY (VSX-82TXS)

XWP3008 and AWP7041 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWP7041	XWP3008	
	IC102 IC202 IC211 IC310 CN101 23P FFC CONNECTOR	AYW7133 AYW7080 Not used Not used 52045-2345	AYW7114 AYW7115 CD4094BPW TC74VHC541FTS1 CKS3388	* (2/8) * (6/8)
	CN103 19P FFC CONNECTOR R231 R242, R243 R274 R275, R416, R418, R474, R475, R562–R564	52045-1945 RS1/16S104J RS1/16S104J RS1/16S0R0J RS1/16S0R0J	CKS3384 Not used RS1/16S0R0J RS1/16S473J Not used	
	R662–R664, R762–R764 R391 R392–R394, R555, R655, R755 R396 R397–R399	RS1/16S0R0J Not used Not used Not used Not used	Not used RAB4C101J RS1/16S101J RAB4C470J RS1/16S470J	* (6/8) * (6/8)-(8/8) * (6/8) * (6/8)
	R417, R419, R476, R477, R556, R557, R656, R657 R756, R757 R471 R474, R475 C201, C347	Not used Not used Not used RS1/16S0R0J Not used	RS1/16S0R0J RS1/16S0R0J RS1/16S104J RS1/16S104J CKSRYB104K16	* (3/8,4/8,7/8) * (8/8) * (3/8) * (2/8, 6/8)
	C348	Not used	CKSRYB471K50	* (6/8)

* : Refer to the stby parts of “3.13 – 3.20 DIGITAL MOTHER ASSY (1/8 – 8/8)” on the service manual RRV3197.

MF DSP ASSY

AWX8716 and AWX8599 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX8599	AWX8716	
	IC105 IC107 IC109 C351 C351 (100/16)	AYW7111 SN74AHC08PW SN74AHC1G32DCK CEVW101M16 Not used	AYW7112 SN74VHC08FTS1 TC7SH32FUS1 Not used VCH1262	

ACF DISPLAY ASSY

XWZ4170, XWZ4172 and AWX8635 are constructed the same except for the following :

Mark	Symbol and Description	Part No.			Remarks
		AWX8635	XWZ4170	XWZ4172	
	Q3356 D3315 D3317 D3320 D3351	Not used SLR-343BBT SLI-343DCW SLI-343URW Not used	UMB1N SLR-343BBT SLI-343URW SLI-343DCW DAN202U	UMB1N SLI-343URW SLI-343URW SLI-343DCW DAN202U	* *
	D3353 D3357 L3301 L3351 R3305	Not used Not used VTL1083 LFEA2R2J RS1/16S391J	DAN217 1SS355 CTF1385 LFCA2R2J RS1/16S391J	DAN217 1SS355 CTF1385 LFCA2R2J RS1/16S331J	* *
	R3362 R3363 R3364 R3365 R3375	RS1/16S0R0J RS1/16S0R0J Not used Not used Not used	RS1/16S392J RS1/16S103J RS1/16S223J RS1/16S103J RS1/16S0R0J	RS1/16S392J RS1/16S103J RS1/16S223J RS1/16S103J RS1/16S0R0J	* * * *
	R3376 C3352	RS1/16S0R0J Not used	Not used CKSRYB153K50	Not used CKSRYB153K50	*

* : Refer to the stby parts of “3.30 VOLUME, DISPLAY and INPUT SELECT ASSYS” on the service manual RRV3197.

AE F PREOUT & CONTROL ASSY

XWZ4175 and AWX8625 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX8625	XWZ4175	
	L2933~L2935 R3000 CN2801 26P FFC CONNECTOR	VTL1083 Not used 52045-2645	CTF1385 RS1/16S750J CKS3391	

PCB PARTS LIST

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
AG F HDMI & 1394 ASSY (VSX-84TXSi)				IC	1202 (A,40,105)	LOGIC IC	SN74CBT3257CPW
MISCELLANEOUS				IC	1203 (B,59,105)	EEPROM	BR24L02FV-W
B	⚠ IC 1	(A,107,120) REGULATOR IC	NJM2845DL1-33	IC	1204 (A,57,105)	LOGIC IC	SN74CBT3257CPW
	IC 101	(A,72,125) MICROCOMPUTER	PD5787A	IC	1205 (B,31,108)	IC	TC7WBD125AFK
	IC 102	(B,74,132) FLASH ROM	AYW7113	IC	1206 (B,49,108)	IC	TC7WBD125AFK
		FLASH MEMORY IC(4M)	S29AL004D70TFI010	IC	1251 (B,42,70)	EEPROM	BR24L02FV-W
	IC 103	(B,63,143) RESET IC	PST9245	IC	1252 (A,40,70)	LOGIC IC	SN74CBT3257CPW
	IC 104	(A,74,143) IC	TC74VHC125FTS1	IC	1253 (B,42,60)	EEPROM	BR24L02FV-W
				IC	1254 (A,40,60)	LOGIC IC	SN74CBT3257CPW
				IC	1256 (B,31,73)	IC	TC7WBD125AFK
	IC 201	(A,40,130) IEEE1394 PHY LINK	TSB43CA42ZGW	IC	1257 (B,31,63)	IC	TC7WBD125AFK
	IC 205	(A,56,114) IC	TC7SH08FUS1	IC	1301 (A,145,85)	IC(VIDEO FORMAT COV)	FLI2310-LF-CF
C	IC 301	(B,120,136) FLOW CONTROL IC	PD8112A	IC	1351 (B,145,70)	64M SDRAM	EDS6432AFTA-6B
	IC 302	(B,92,131) IC	K4S641632K-UC75	IC	1381 (B,124,66)	IC	TC74LCX541FTS1
	IC 303	(A,101,137) OP AMP IC	NJU7093AF	IC	1382 (B,124,48)	IC	TC74LCX541FTS1
				IC	1383 (B,127,57)	IC	TC74LCX541FTS1
	IC 401	(A,153,130) DSD/PCM CONVERTER IC	SM5819AF	Q	101 (A,86,135)	DIGITAL TR(SC-70)	RT1P241M
	IC 404	(B,157,145) IC	TC7SZ125FU	Q	301 (B,103,135)	DIGITAL TR(SC-70)	RT1P241M
	IC 405	(B,123,106) IC	TC74LCX541FTS1	Q	401 (B,151,126)	DIGITAL TR(SC-70)	RT1P431M
	IC 409	(B,142,134) IC	TC7SZ126FU	Q	461 (B,151,121)	DIGITAL TRANSISTOR	DTC124EUA
	IC 410	(A,135,144) VOLTAGE REGULATOR	S-L2980A25MC-C6K	Q	462 (B,122,99)	DIGITAL TRANSISTOR	DTC124EUA
				Q	463 (B,167,124)	DIGITAL TRANSISTOR	DTC124EUA
D	IC 461	(A,111,102) IC	TC74LCX541FTS1	Q	464 (A,124,103)	CHIP TRANSISTOR	RN4903
	IC 462	(A,140,135) IC	TC74LCX541FTS1	Q	465 (B,170,132)	CHIP TRANSISTOR	RN4903
	IC 463	(A,157,118) IC	TC74LCX157FTS1	Q	751 (B,114,34)	TRANSISTOR	2SA1576A
	IC 464	(A,112,93) IC	TC74VHC00FTS1	Q	752 (B,117,34)	CHIP TRANSISTOR	DTC114YUA
	IC 465	(A,123,109) IC	TC74LCX541FTS1	Q	771 (A,151,26)	TRANSISTOR	2SA1576A
				Q	781 (A,145,26)	TRANSISTOR	2SA1576A
	IC 466	(A,166,130) IC	TC74LCX541FTS1	Q	791 (A,139,26)	TRANSISTOR	2SA1576A
	IC 467	(A,166,121) IC	TC74LCX541FTS1	Q	801 (B,58,82)	DUAL MOS FET	HN1K02FU
	IC 501	(A,84,100) CPU	PEG118A	Q	901 (B,38,29)	CHIP DIGITAL TRANS.	DTA124EUA
	IC 502	(B,89,100) FLASH ROM	AYW7107	Q	951 (B,32,24)	CHIP TR (PNP X 2)	UMB1N
E		FLASH MEMORY IC(4M)	S29AL004D70TFI010	Q	952 (B,31,27)	CHIP TRANSISTOR	DTC114YUA
	IC 504	(A,53,96) IC	TC74VHC125FTS1	Q	953 (A,25,24)	DUAL MOS FET	HN1K02FU
				Q	1051 (A,63,25)	TRANSISTOR	2SA1576A
	IC 505	(A,109,78) LOGIC IC	CD4094BPW	Q	1052 (A,63,32)	DIGITAL TRANSISTOR	DTC124EUA
	IC 506	(A,109,85) LOGIC IC	CD4094BPW	Q	1101 (A,23,110)	CHIP TRANSISTOR	DTC114YUA
	IC 601	(B,164,37) VIDEO DECODER	ADV7401BSTZ-80	Q	1102 (A,24,89)	CHIP TRANSISTOR	DTC114YUA
	IC 602	(B,178,33) IC	TC7WU04FU	Q	1103 (B,40,92)	CHIP TRANSISTOR	2SB1689
	IC 701	(A,139,44) VIDEO ENCODER IC	ADV7322KSTZ	Q	1104 (B,36,96)	CHIP TRANSISTOR	DTC114YUA
				Q	1151 (A,25,65)	CHIP TRANSISTOR	DTC114YUA
	IC 884	(A,101,53) IC	TC74LCX541FTS1	Q	1152 (A,24,43)	CHIP TRANSISTOR	DTC114YUA
F	IC 901	(A,48,28) HDMI TRANSMITER	SII9030CTU-7	Q	1153 (B,40,47)	CHIP TRANSISTOR	2SB1689
	⚠ IC 1001	(B,101,43) REGULATOR IC	NJM2885DL1-25	Q	1154 (B,36,51)	CHIP TRANSISTOR	DTC114YUA
	⚠ IC 1002	(B,85,43) REGULATOR IC	NJM2845DL1-33	Q	1201 (B,37,109)	CHIP TRANSISTOR	DTC114YUA
	⚠ IC 1003	(B,93,43) REGULATOR IC	NJM2845DL1-33	Q	1202 (B,55,109)	CHIP TRANSISTOR	DTC114YUA
				Q	1203 (A,48,106)	CHIP TRANSISTOR	DTC114YUA
	⚠ IC 1004	(A,85,42) DC/DC CONVERTER IC	BD9106FVM	Q	1251 (B,36,74)	CHIP TRANSISTOR	DTC114YUA
	⚠ IC 1051	(A,70,32) REGULATOR IC	PQ200WNA1ZPH	Q	1252 (B,36,64)	CHIP TRANSISTOR	DTC114YUA
	IC 1101	(A,34,90) HDMI/DVI CABLE EQ	CXB1441R	Q	1253 (B,32,78)	CHIP TRANSISTOR	DTC114YUA
	IC 1151	(A,34,45) HDMI/DVI CABLE EQ	CXB1441R				
	IC 1201	(B,42,105) EEPROM	BR24L02FV-W				

Mark	No.	Description	Part No.
Q	1281	(B,31,69) DUAL MOS FET	HN1K02FU
D	102	(B,64,120) CHIP DIODE	RB501V-40
D	461	(A,119,103) DIODE	1SS355
D	462	(B,171,130) DIODE	1SS355
D	463	(B,148,126) DIODE	DAP202U
D	551	(B,102,103) CHIP DIODE	RB501V-40
D	801	(B,57,89) DIODE	DAN202U
D	802	(B,50,68) DIODE	DAN202U
D	981	(A,19,25) DIODE	UDZS5R1(B)
D	1101	(A,21,116) DIODE	DAN202U
D	1102	(A,18,92) DIODE	DAN202U
D	1151	(A,18,70) DIODE	DAN202U
D	1152	(A,18,47) DIODE	DAN202U
L	1	(A,112,119) CHIP SOLID INDUCTOR	ATL7002
L	101	(B,57,119) CHIP SOLID INDUCTOR	ATL7002
L	201	(B,24,131) CHIP SOLID INDUCTOR	ATL7002
L	202	(B,55,132) CHIP SOLID INDUCTOR	ATL7002
L	203	(A,98,125) CHIP SOLID INDUCTOR	ATL7002
⚠ L	204	(A,22,124) COIL	ATH7015
⚠ L	205	(A,22,126) COIL	ATH7015
⚠ L	206	(A,22,140) COIL	ATH7015
⚠ L	207	(A,22,143) COIL	ATH7015
L	301	(A,136,116) CHIP SOLID INDUCTOR	ATL7002
L	302	(A,88,124) CHIP SOLID INDUCTOR	ATL7002
L	401	(B,162,124) CHIP SOLID INDUCTOR	ATL7002
L	404	(A,135,148) CHIP SOLID INDUCTOR	ATL7002
L	405	(A,148,141) CHIP SOLID INDUCTOR	ATL7002
L	461	(A,145,139) CHIP SOLID INDUCTOR	ATL7002
L	462	(A,108,98) CHIP SOLID INDUCTOR	ATL7002
L	501	(B,57,93) CHIP SOLID INDUCTOR	ATL7002
L	601	(A,171,49) CHIP SOLID INDUCTOR	ATL7002
L	602	(A,174,27) CHIP SOLID INDUCTOR	ATL7002
L	603	(A,152,40) CHIP SOLID INDUCTOR	ATL7002
L	604	(A,166,14) CHIP SOLID INDUCTOR	ATL7002
L	701	(B,148,41) CHIP SOLID INDUCTOR	ATL7002
L	702	(B,136,42) CHIP SOLID INDUCTOR	ATL7002
L	703	(B,144,49) CHIP SOLID INDUCTOR	ATL7002
L	771	(A,148,31) INDUCTOR	LCTC100K2125
L	781	(A,143,31) INDUCTOR	LCTC100K2125
L	791	(A,137,31) INDUCTOR	LCTC100K2125
L	801	(B,80,52) CHIP BEADS	ATL7010
L	803	(B,50,88) CHIP BEADS	ATL7010
L	804	(B,45,55) CHIP BEADS	ATL7010
L	902	(B,35,30) CHIP BEADS	ATL7010
L	904	(B,45,36) CHIP BEADS	ATL7010
L	905	(B,60,45) CHIP BEADS	ATL7010
⚠ L	951	(A,27,12) COIL	ATH7022
⚠ L	952	(A,27,15) COIL	ATH7022
⚠ L	953	(A,27,18) COIL	ATH7022
⚠ L	954	(A,27,20) COIL	ATH7022
L	1002	(A,78,46) INDUCTOR	ATL7012
L	1018	CHIP BEADS	ATL7010
L	1028	CHIP BEADS	ATL7010
L	1101	(B,40,89) CHIP BEADS	ATL7010
L	1151	(B,40,44) CHIP BEADS	ATL7010
L	1301	(B,166,107) CHIP SOLID INDUCTOR	ATL7002
L	1302	(B,153,108) CHIP SOLID INDUCTOR	ATL7002
L	1303	(A,152,108) CHIP SOLID INDUCTOR	ATL7002
L	1304	(A,159,108) CHIP SOLID INDUCTOR	ATL7002
L	1305	(A,161,111) CHIP SOLID INDUCTOR	ATL7002

Mark	No.	Description	Part No.
L	1351	(B,167,71) CHIP SOLID INDUCTOR	ATL7002
JA	201	(A,13,141) 1394-TERMINAL	VKN1800
JA	202	(A,13,125) 1394-TERMINAL	VKN1800
JA	901	(A,14,13) HDMI CONNECTOR	AKP7210
JA	1101	(A,14,103) HDMI CONNECTOR	AKP7210
JA	1102	(A,14,81) HDMI CONNECTOR	AKP7210
JA	1151	(A,14,58) HDMI CONNECTOR	AKP7210
JA	1152	(A,14,36) HDMI CONNECTOR	AKP7210
X	101	(A,72,113) CERAMIC RESONATOR (6.14 MHz)	VSS1179
X	201	(A,34,116) CERAMIC RESONATOR (24.5760 MHz)	ASS7055
X	302	(B,130,121) CERAMIC RESONATOR (22.5792 MHz)	ASS7054
X	501	(A,83,88) CERAMIC RESONATOR (15.7 MHz)	XSS3004
X	601	(B,179,24) CERAMIC RESONATOR (28.63636 MHz)	ASS7069
X	801	(A,68,49) CERAMIC RESONATOR (27.000 MHz)	ASS7068
X	1301	(A,141,106) CERAMIC RESONATOR (13.5 MHz)	ASS7070
CN	101	(A,34,148) 07P CONNECTOR	RKN1048
CN	501	(A,51,148) 07P CONNECTOR	RKN1048
CN	1001	(A,70,18) CONNECTOR	CKS4668
CN	1002	(A,102,18) CONNECTOR ID LABEL ASSY	CKS4898 VXW1005

RESISTORS

R	102	(A,64,114)	RS1/16SS101J
R	103	(A,65,114)	RS1/16SS472J
R	104	(A,67,114)	RS1/16SS472J
R	106	(B,75,120)	RS1/16SS472J
R	109	(A,83,119)	RS1/16SS101J
R	110	(A,83,120)	RS1/16SS101J
R	111	(A,83,121)	RS1/16SS101J
R	113	(A,86,120)	RS1/16SS103J
R	114	(A,86,121)	RS1/16SS103J
R	115	(A,86,122)	RS1/16SS472J
R	116	(A,84,124)	RS1/16SS101J
R	117	(A,86,125)	RS1/16SS103J
R	118	(A,82,126)	RS1/16SS101J
R	119	(A,82,128) RESISTOR ARRAY	RAB4CQ101J
R	122	(A,86,128) RESISTOR ARRAY	RAB4CQ103J
R	123	(A,82,131)	RS1/16SS101J
R	124	(A,84,131)	RS1/16SS103J
R	125	(A,82,132)	RS1/16SS101J
R	126	(A,80,136)	RS1/16SS101J
R	127	(A,78,136) RESISTOR ARRAY	RAB4CQ101J
R	128	(A,76,136) RESISTOR ARRAY	RAB4CQ101J
R	129	(A,70,136) RESISTOR ARRAY	RAB4CQ101J
R	130	(A,68,136) RESISTOR ARRAY	RAB4CQ101J
R	131	(A,62,123)	RS1/16SS101J
R	132	(A,62,119)	RS1/16SS472J
R	135	(B,64,125) RESISTOR ARRAY	RAB4CQ472J
R	136	(B,64,128) RESISTOR ARRAY	RAB4CQ472J
R	137	(B,64,131) RESISTOR ARRAY	RAB4CQ472J
R	138	(B,66,134) RESISTOR ARRAY	RAB4CQ472J
R	139	(B,79,144)	RS1/16SS472J
R	140	(B,36,145)	RS1/16SS103J
R	141	(B,34,145)	RS1/16SS103J
R	142	(B,63,118)	RS1/16SS0R0J

	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	R	143	(A,69,142)	RS1/16SS103J	R	265	(B,30,135)	RS1/16SS470J
	R	144	(A,69,143)	RS1/16SS470J	R	266	(B,35,134)	RS1/16SS470J
	R	145	(A,69,144)	RS1/16SS472J	R	267	(B,24,123)	RS1/16SS56R0D
	R	146	(A,69,145)	RS1/16SS470J	R	268	(B,24,124)	RS1/16SS56R0D
	R	147	(A,86,137)	RS1/16SS472J	R	269	(B,24,139)	RS1/16SS56R0D
	R	148	(B,61,139)	RS1/16SS101J	R	270	(B,24,141)	RS1/16SS56R0D
B	R	149	(B,62,139)	RS1/16SS472J	R	271	(B,24,125)	RS1/16SS56R0D
	R	201	(A,33,141)	RS1/16SS472J	R	272	(B,24,127)	RS1/16SS56R0D
	R	202	(A,32,141)	RS1/16SS472J	R	273	(B,24,142)	RS1/16SS56R0D
	R	203	(B,28,134)	RS1/16SS101J	R	274	(B,24,143)	RS1/16SS56R0D
	R	204	(B,35,132)	RS1/16SS101J	R	275	(B,24,128)	RS1/16SS5101F
	R	205	(B,31,139) RESISTOR ARRAY	RAB4CQ101J	R	276	(B,24,144)	RS1/16SS5101F
C	R	206	(B,29,131) RESISTOR ARRAY	RAB4CQ472J	R	289	(A,36,120)	RS1/16SS101J
	R	207	(B,40,125)	RS1/16SS472J	R	290	(A,38,117)	RS1/16SS220J
	R	208	(B,36,130)	RS1/16SS472J	R	291	(A,92,135)	RS1/16SS0R0J
	R	209	(B,27,118)	RS1/16SS0R0J	R	292	(A,92,136)	RS1/16SS0R0J
	R	210	(B,29,118)	RS1/16SS0R0J	R	294	(A,93,125)	RS1/16SS0R0J
	R	211	(A,29,122)	RS1/16SS103J	R	295	(A,93,124)	RS1/16SS0R0J
D	R	212	(A,30,122)	RS1/16SS103J	R	301	(A,130,145)	RS1/16SS470J
	R	213	(A,31,120) CHIP RESISTOR	RS1/16S6341D	R	302	(A,127,138) RESISTOR ARRAY	RAB4CQ680J
	R	214	(B,39,122)	RS1/16SS0R0J	R	303	(B,134,143)	RS1/16SS680J
	R	215	(B,39,121)	RS1/16SS0R0J	R	304	(B,134,142)	RS1/16SS680J
	R	216	(A,41,115) RESISTOR ARRAY	RAB4CQ472J	R	305	(B,134,141)	RS1/16SS680J
	R	217	(B,40,124)	RS1/16SS472J	R	307	(A,134,137)	RS1/16SS470J
E	R	218	(A,54,117)	RS1/16SS472J	R	308	(A,135,135) RESISTOR ARRAY	RAB4CQ470J
	R	219	(A,43,115)	RS1/16SS472J	R	309	(A,134,131)	RS1/16SS470J
	R	220	(A,46,115) RESISTOR ARRAY	RAB4CQ472J	R	310	(A,134,130)	RS1/16SS470J
	R	221	(A,49,115) RESISTOR ARRAY	RAB4CQ472J	R	325	(A,128,130)	RS1/16SS470J
	R	222	(A,51,115)	RS1/16SS472J	R	326	(B,127,121)	RS1/16SS101J
	R	223	(A,51,120) RESISTOR ARRAY	RAB4CQ472J	R	327	(A,124,129)	RS1/16SS0R0J
F	R	224	(A,51,122)	RS1/16SS472J	R	328	(A,60,121)	RS1/16SS101J
	R	225	(A,53,122)	RS1/16SS472J	R	329	(A,60,120)	RS1/16SS103J
	R	226	(A,51,123)	RS1/16SS472J	R	332	(A,113,134)	RS1/16SS101J
	R	227	(A,53,117)	RS1/16SS472J	R	333	(B,107,134)	RS1/16SS101J
	R	228	(A,53,124)	RS1/16SS472J	R	339	(B,106,146) RESISTOR ARRAY	RAB4CQ470J
	R	229	(A,51,124)	RS1/16SS472J	R	340	(B,103,147) RESISTOR ARRAY	RAB4CQ470J
G	R	230	(A,53,126) RESISTOR ARRAY	RAB4CQ101J	R	341	(A,112,147)	RS1/16SS470J
	R	231	(A,53,129) RESISTOR ARRAY	RAB4CQ101J	R	342	(A,112,148)	RS1/16SS470J
	R	232	(A,55,131) RESISTOR ARRAY	RAB4CQ101J	R	343	(A,114,143) RESISTOR ARRAY	RAB4CQ470J
	R	233	(A,56,134) RESISTOR ARRAY	RAB4CQ101J	R	344	(A,117,143) RESISTOR ARRAY	RAB4CQ470J
	R	234	(A,52,140) RESISTOR ARRAY	RAB4CQ472J	R	345	(A,117,138) RESISTOR ARRAY	RAB4CQ470J
	R	235	(A,51,137)	RS1/16SS472J	R	346	(A,121,136) RESISTOR ARRAY	RAB4CQ470J
H	R	236	(A,49,140)	RS1/16SS472J	R	347	(A,121,142) RESISTOR ARRAY	RAB4CQ470J
	R	237	(A,48,140)	RS1/16SS472J	R	348	(A,123,135)	RS1/16SS470J
	R	238	(A,46,141) RESISTOR ARRAY	RAB4CQ472J	R	349	(A,124,135)	RS1/16SS470J
	R	239	(A,43,142) RESISTOR ARRAY	RAB4CQ472J	R	350	(A,124,141) RESISTOR ARRAY	RAB4CQ470J
	R	240	(A,40,143) RESISTOR ARRAY	RAB4CQ472J	R	351	(A,102,141)	RS1/16SS123J
	R	241	(B,42,138)	RS1/16SS101J	R	352	(A,101,141)	RS1/16SS271J
I	R	242	(B,41,135)	RS1/16SS472J	R	353	(A,110,141)	RS1/16SS472J
	R	243	(B,42,135)	RS1/16SS472J	R	354	(A,104,136)	RS1/16SS223J
	R	244	(A,38,141)	RS1/16SS472J	R	355	(A,104,138)	RS1/16SS223J
	R	245	(B,40,143) RESISTOR ARRAY	RAB4CQ101J	R	356	(A,110,138)	RS1/16SS0R0J
	R	246	(B,37,142) RESISTOR ARRAY	RAB4CQ101J	R	357	(A,110,137)	RS1/16SS0R0J
	R	247	(A,36,141)	RS1/16SS472J	R	381	(B,134,136) RESISTOR ARRAY	RAB4CQ470J
J	R	251	(A,34,141)	RS1/16SS472J	R	382	(B,134,138)	RS1/16SS470J
	R	252	(B,35,139)	RS1/16SS101J	R	401	(A,160,131)	RS1/16SS680J
	R	253	(B,44,124)	RS1/16SS101J	R	402	(A,160,133) RESISTOR ARRAY	RAB4CQ680J
	R	254	(A,46,120)	RS1/16SS101J	R	403	(A,154,138)	RS1/16SS101J
	R	261	(A,92,138)	RS1/16SS0R0J	R	404	(B,149,134)	RS1/16SS221J
	R	262	(A,92,137)	RS1/16SS0R0J	R	405	(B,149,133)	RS1/16SS221J

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
R	406	(B,149,132)	RS1/16SS221J	R	551	(B,77,105)	RS1/16SS473J	A
R	407	(B,149,130) RESISTOR ARRAY	RAB4CQ221J	R	561	(B,86,91)	RS1/16SS103J	
R	411	(A,145,127)	RS1/16SS101J	R	562	(B,87,91)	RS1/16SS103J	
R	412	(A,152,122)	RS1/16SS0R0J	R	564	(B,89,91)	RS1/16SS103J	
R	418	(B,142,136)	RS1/16SS101J	R	565	(B,90,91)	RS1/16SS103J	
R	425	(B,143,131)	RS1/16SS101J	R	567	(B,91,91)	RS1/16SS103J	
R	436	(B,156,142)	RS1/16SS221J	R	569	(A,99,105)	RS1/16SS103J	
R	437	(B,155,145)	RS1/16SS101J	R	571	(B,53,145)	RS1/16SS103J	
R	441	(B,118,104)	RS1/16SS0R0J	R	574	(A,99,101)	RS1/16SS473J	
R	442	(B,129,103)	RS1/16SS101J	R	575	(A,99,104)	RS1/16SS101J	
R	443	(B,129,104)	RS1/16SS101J	R	576	(A,99,103)	RS1/16SS101J	B
R	444	(B,129,106)	RS1/16SS101J	R	577	(A,97,110)	RS1/16SS101J	
R	445	(B,129,108) RESISTOR ARRAY	RAB4CQ101J	R	581	(A,99,106)	RS1/16SS101J	
R	456	(B,157,142)	RS1/16SS0R0J	R	586	(B,75,91)	RS1/16SS103J	
R	463	(A,118,111)	RS1/16SS0R0J	R	588	(B,94,91)	RS1/16SS103J	
R	464	(A,118,93)	RS1/16SS103J	R	594	(B,89,82)	RS1/16SS0R0J	
R	466	(B,147,123)	RS1/16SS0R0J	R	601	(A,160,43)	RS1/16SS101J	
R	468	(B,120,102)	RS1/16SS103J	R	602	(B,158,47)	RS1/16SS470J	C
R	469	(B,167,120)	RS1/16SS101J	R	603	(B,162,48) RESISTOR ARRAY	RAB4CQ470J	
R	471	(A,127,103)	RS1/16SS103J	R	604	(B,165,47)	RS1/16SS330J	
R	472	(B,170,134)	RS1/16SS103J	R	605	(B,167,47)	RS1/16SS330J	
R	473	(B,169,126)	RS1/16SS103J	R	606	(B,168,47)	RS1/16SS330J	
R	474	(A,129,111)	RS1/16SS390J	R	607	(B,170,49) RESISTOR ARRAY	RAB4CQ560J	
R	475	(A,129,110)	RS1/16SS101J	R	608	(A,172,43)	RS1/16SS560J	
R	476	(A,129,109)	RS1/16SS101J	R	609	(A,172,42)	RS1/16SS560J	
R	477	(A,129,107) RESISTOR ARRAY	RAB4CQ101J	R	610	(A,172,41)	RS1/16SS103J	
R	478	(A,172,133)	RS1/16SS390J	R	611	(A,172,38)	RS1/16SS100J	
R	479	(A,172,132)	RS1/16SS101J	R	612	(A,172,35)	RS1/16SS560J	D
R	480	(A,172,131)	RS1/16SS101J	R	613	(A,172,34)	RS1/16SS560J	
R	481	(A,172,129) RESISTOR ARRAY	RAB4CQ101J	R	614	(B,178,30)	RS1/16SS105J	
R	482	(A,172,124)	RS1/16SS390J	R	615	(B,181,30)	RS1/16SS331J	
R	483	(A,172,122)	RS1/16SS101J	R	616	(B,175,37)	RS1/16SS101J	
R	484	(A,172,121)	RS1/16SS101J	R	617	(B,181,35)	RS1/16SS0R0J	
R	485	(A,172,119) RESISTOR ARRAY	RAB4CQ101J	R	618	(A,175,32)	RS1/16SS132J	
R	486	(A,160,129)	RS1/16SS100J	R	619	(A,173,32)	RS1/16SS391J	
R	506	(A,80,87)	RS1/16SS221J	R	621	(B,174,17)	RS1/10S0R0J	
R	508	(B,84,91)	RS1/16SS472J	R	622	(B,174,14)	RS1/10S0R0J	
R	511	(A,87,87)	RS1/16SS101J	R	623	(A,169,29)	RS1/16SS103J	E
R	517	(A,91,87)	RS1/16SS101J	R	624	(A,164,32)	RS1/16SS272J	
R	520	(B,78,83)	RS1/16SS103J	R	625	(A,165,32)	RS1/16SS272J	
R	524	(B,92,87)	RS1/16SS100J	R	631	(B,151,32)	RS1/16SS471J	
R	525	(A,93,87)	RS1/16SS100J	R	632	(B,154,35)	RS1/16SS103J	
R	526	(A,99,89)	RS1/16SS100J	R	634	(B,154,36)	RS1/16SS330J	
R	527	(A,99,90)	RS1/16SS100J	R	635	(B,154,37)	RS1/16SS330J	
R	528	(A,99,97)	RS1/16SS470J	R	636	(B,154,40) RESISTOR ARRAY	RAB4CQ470J	
R	529	(A,99,99)	RS1/16SS473J	R	637	(B,154,42)	RS1/16SS470J	
R	530	(B,95,82)	RS1/16SS222J	R	638	(B,154,43)	RS1/16SS470J	
R	531	(B,96,82)	RS1/16SS222J	R	661	(B,152,53) RESISTOR ARRAY	RAB4CQ473J	F
R	533	(A,101,89)	RS1/16SS472J	R	662	(B,152,50) RESISTOR ARRAY	RAB4CQ473J	
R	534	(A,101,90)	RS1/16SS472J	R	663	(B,152,58) RESISTOR ARRAY	RAB4CQ473J	
R	537	(A,75,87)	RS1/16SS101J	R	664	(B,152,56) RESISTOR ARRAY	RAB4CQ473J	
R	538	(B,74,87)	RS1/16SS101J	R	665	(A,172,39)	RS1/16SS473J	
R	539	(A,69,93)	RS1/16SS101J	R	666	(B,152,47) RESISTOR ARRAY	RAB4CQ473J	
R	540	(A,48,96)	RS1/16SS470J	R	701	(A,149,36)	RS1/16SS1501F	
R	541	(A,59,96)	RS1/16SS103J	R	702	(A,151,36)	RS1/16SS1501F	
R	542	(A,59,97)	RS1/16SS470J	R	703	(A,151,35)	RS1/16SS390J	
R	543	(A,59,95)	RS1/16SS472J	R	704	(A,133,37)	RS1/16SS681J	
R	544	(A,59,94)	RS1/16SS470J	R	705	(A,134,36)	RS1/16SS1501F	
R	546	(A,99,94)	RS1/16SS101J	R	706	(A,132,36)	RS1/16SS1501F	
R	549	(A,99,98)	RS1/16SS473J	R	707	(A,130,36)	RS1/16SS390J	

	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	R	708	(A,128,39)	RS1/16SS471J	R	856	(B,56,84)	RS1/16SS103J
	R	709	(A,128,40)	RS1/16SS103J	R	857	(B,58,79)	RS1/16SS104J
	R	710	(A,131,46)	RS1/16SS470J	R	858	(B,61,79)	RS1/16SS103J
	R	711	(A,131,47)	RS1/16SS470J	R	859	(B,58,78)	RS1/16SS103J
	R	712	(B,133,47)	RS1/16SS103J	R	881	(A,95,77) RESISTOR ARRAY	RAB4CQ220J
	R	713	(B,138,46)	RS1/16SS472J	R	882	(A,94,75)	RS1/16SS150J
■	R	714	(A,148,43)	RS1/16SS0R0J	R	883	(A,107,71) RESISTOR ARRAY	RAB4CQ470J
	R	715	(A,148,40)	RS1/16SS0R0J	R	884	(A,107,68) RESISTOR ARRAY	RAB4CQ470J
	R	716	(A,148,42)	RS1/16SS473J	R	885	(A,107,62) RESISTOR ARRAY	RAB4CQ220J
	R	717	(A,148,41)	RS1/16SS473J	R	886	(A,107,59) RESISTOR ARRAY	RAB4CQ220J
	R	718	(A,149,38)	RS1/16SS103J	R	887	(A,107,53) RESISTOR ARRAY	RAB4CQ220J
	R	719	(A,132,30) CHIP RESISTOR	RS1/16SS3000F	R	888	(A,107,50) RESISTOR ARRAY	RAB4CQ220J
B	R	720	(A,131,32) CHIP RESISTOR	RS1/16SS3000F	R	903	(A,50,37)	RS1/16SS100J
	R	721	(A,130,33) CHIP RESISTOR	RS1/16SS3000F	R	906	(A,46,37)	RS1/16SS101J
	R	751	(B,114,31)	RS1/16SS473J	R	912	(B,41,28) CHIP RESISTOR	RS1/16S4750F
	R	752	(B,116,31)	RS1/16SS821J	R	913	(A,39,34)	RS1/16SS472J
	R	771	(A,149,24)	RS1/16SS471J	R	914	(A,44,16)	RS1/16SS100J
■	R	773	(A,150,29)	RS1/16SS2701F	R	915	(A,44,18)	RS1/16SS100J
	R	774	(A,151,33) CHIP RESISTOR	RS1/16SS3300F	R	916	(B,44,20)	RS1/16SS471J
	R	781	(A,143,24)	RS1/16SS471J	R	918	(B,42,20)	RS1/16SS472J
	R	783	(A,145,29)	RS1/16SS2701F	R	919	(B,40,33)	RS1/10S0R0J
	R	784	(A,145,33) CHIP RESISTOR	RS1/16SS3300F	R	920	(B,41,30)	RS1/16S3901F
C	R	791	(A,136,25)	RS1/16SS471J	R	925	(B,59,26)	RS1/16SS150J
	R	793	(A,139,29)	RS1/16SS2701F	R	926	(A,44,37)	RS1/16SS100J
	R	794	(A,139,33) CHIP RESISTOR	RS1/16SS3300F	R	927	(A,42,37)	RS1/16SS100J
	R	801	(A,59,82) RESISTOR ARRAY	RAB4CQ100J	R	931	(A,60,36) RESISTOR ARRAY	RAB4CQ473J
	R	802	(A,80,80) RESISTOR ARRAY	RAB4CQ470J	R	932	(B,60,27)	RS1/16SS473J
■	R	803	(A,60,82)	RS1/16SS100J	R	933	(A,60,31) RESISTOR ARRAY	RAB4CQ473J
	R	804	(A,62,82)	RS1/16SS100J	R	934	(A,60,28) RESISTOR ARRAY	RAB4CQ473J
	R	805	(B,55,82)	RS1/16SS103J	R	935	(A,60,25) RESISTOR ARRAY	RAB4CQ473J
	R	806	(B,60,78)	RS1/16SS103J	R	936	(A,59,22) RESISTOR ARRAY	RAB4CQ473J
	R	807	(A,65,83) RESISTOR ARRAY	RAB4CQ470J	R	937	(B,51,21) RESISTOR ARRAY	RAB4CQ473J
D	R	808	(A,68,83) RESISTOR ARRAY	RAB4CQ470J	R	938	(B,47,21) RESISTOR ARRAY	RAB4CQ473J
	R	809	(A,70,82)	RS1/16SS470J	R	951	(B,30,23)	RS1/16SS472J
	R	810	(B,70,77)	RS1/16SS470J	R	952	(B,35,23)	RS1/16SS472J
	R	811	(B,59,62)	RS1/16SS101J	R	953	(B,30,25)	RS1/16SS272J
	R	812	(A,57,54)	RS1/16SS470J	R	954	(B,35,24)	RS1/16SS272J
■	R	813	(A,60,51)	RS1/16SS680J	R	955	(A,23,25)	RS1/16SS472J
	R	815	(A,76,54)	RS1/16SS472J	R	956	(A,28,25)	RS1/16SS472J
	R	818	(A,68,55)	RS1/16SS105J	R	986	(A,16,23)	RS1/16SS473J
	R	822	(A,61,51)	RS1/16SS470J	R	989	(A,16,26)	RS1/16SS102J
	R	823	(A,64,54)	RS1/16SS100J	R	1016	(B,69,41)	RS1/10S100J
E	R	824	(A,68,53)	RS1/16SS152J	R	1017	(B,109,33)	RS1/10S0R0J
	R	825	(A,58,51) RESISTOR ARRAY	RAB4CQ680J	R	1019	(B,104,35)	RS1/10S0R0J
	R	826	(A,80,76) RESISTOR ARRAY	RAB4CQ470J	R	1020	(B,88,35)	RS1/10S0R0J
	R	827	(A,80,73) RESISTOR ARRAY	RAB4CQ470J	R	1021	(B,96,35)	RS1/10S0R0J
	R	828	(A,80,70) RESISTOR ARRAY	RAB4CQ220J	R	1022	(A,91,42) CHIP RESISTOR	RS1/16SS1502F
■	R	829	(A,80,67) RESISTOR ARRAY	RAB4CQ220J	R	1023	(A,90,42) CHIP RESISTOR	RS1/16SS1202F
	R	830	(A,80,63) RESISTOR ARRAY	RAB4CQ220J	R	1024	(A,89,42)	RS1/16SS273J
	R	831	(A,80,60) RESISTOR ARRAY	RAB4CQ220J	R	1026	(A,73,41)	RS1/10S0R0J
	R	832	(A,80,65)	RS1/16SS220J	R	1027	(A,73,43)	RS1/10S0R0J
	R	839	(A,54,85)	RS1/10S0R0J	R	1052	(A,62,17)	RS1/10S6R8J
F	R	847	(A,71,53)	RS1/16SS0R0J	R	1053	(A,62,19)	RS1/10S6R8J
	R	848	(A,73,53)	RS1/16SS0R0J	R	1054	(A,65,25)	RS1/16SS102J
	R	849	(A,75,54)	RS1/16SS472J	R	1056	(A,63,28)	RS1/16SS333J
	R	850	(B,69,63)	RS1/16SS471J	R	1057	(A,65,27)	RS1/16SS103J
	R	851	(B,70,63)	RS1/16SS221J	R	1058	(A,71,24)	RS1/16SS2001F
■	R	852	(B,72,63)	RS1/16SS221J	R	1059	(A,69,40) CHIP RESISTOR	RS1/16SS1801F
	R	853	(B,58,86)	RS1/16SS103J	R	1061	(A,72,24)	RS1/16SS0R0J
	R	855	(B,57,86)	RS1/16SS104J	R	1091	(A,97,27)	RS1/10S0R0J

	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	C	211	(A,31,118)	CKSSYB102K50	C	410	(A,150,124)	CKSSYB104K10
	C	212	(B,37,124)	CKSSYB104K10	C	411	(A,157,124)	CKSSYB104K10
	C	213	(B,35,124)	CKSSYB102K50	C	412	(A,156,136)	CKSSYB104K10
	C	214	(A,39,120)	CKSSYB104K10	C	415	(B,157,147)	CKSSYB104K10
	C	215	(B,42,120)	CKSSYB102K50	C	416	(B,123,102)	CKSSYB104K10
	C	216	(B,41,120)	CKSSYB102K50	C	419	(B,142,145)	CEVW101M16
	C	217	(B,53,139)	CEVW101M16	C	420	(B,136,144)	CKSSYB104K10
B	C	218	(B,59,143)	CKSSYB104K10	C	424	(B,140,134)	CKSSYB104K10
	C	219	(B,43,128)	CKSSYB104K10	C	427	(A,135,146)	CKSSYB104K10
	C	220	(B,43,129)	CKSSYB104K10	C	429	(A,149,144)	CKSQYB225K10
	C	221	(B,44,131)	CKSSYB104K10	C	461	(A,110,107)	CKSSYB104K10
	C	222	(B,49,134)	CKSSYB104K10	C	462	(A,140,139)	CKSSYB104K10
	C	223	(B,41,133)	CKSSYB104K10	C	463	(A,157,121)	CKSSYB104K10
	C	224	(B,40,135)	CKSSYB104K10	C	464	(A,112,97)	CKSSYB104K10
C	C	225	(B,38,137)	CKSSYB104K10	C	465	(A,123,113)	CKSSYB104K10
	C	226	(B,35,136)	CKSSYB104K10	C	466	(A,166,134)	CKSSYB104K10
	C	232	(A,95,130)	CEVW101M16	C	467	(A,166,125)	CKSSYB104K10
	C	235	(A,100,133)	CKSSYB104K10	C	501	(B,81,91)	CKSSYB103K16
	C	241	(A,56,116)	CKSSYB104K10	C	502	(B,85,93)	CKSSYB104K10
	C	242	(B,24,130)	CCSRCH221J50	C	503	(B,64,91)	CEVW101M16
	C	243	(B,27,145)	CCSRCH221J50	C	504	(A,110,81)	CKSSYB104K10
D	C	244	(B,24,122)	CKSRYB105K10	C	505	(A,71,95)	CKSSYB104K10
	C	245	(B,24,138)	CKSRYB105K10	C	506	(A,85,109)	CKSSYB104K10
	C	246	(B,24,118)	CKSSYB104K10	C	507	(A,53,100)	CKSSYB104K10
	C	247	(B,23,135)	CKSSYB104K10	C	508	(A,109,88)	CKSSYB104K10
	C	248	(A,52,115)	CKSSYB104K10	C	551	(B,77,100)	CKSSYB104K10
	C	249	(B,43,125)	CKSSYB104K10	C	552	(B,101,100)	CKSSYB104K10
	C	291		CKSSYB104K10	C	571	(B,49,145)	CKSSYB104K10
E	C	292		CKSSYB104K10	C	601	(A,166,47)	CEVW101M16
	C	301	(B,133,148)	CKSSYB104K10	C	602	(B,160,47)	CKSSYB104K10
	C	302	(B,133,139)	CKSSYB104K10	C	603	(A,163,41)	CKSRYB105K10
	C	303	(B,133,132)	CKSSYB104K10	C	604	(A,166,43)	CKSSYB104K10
	C	304	(A,142,117)	CEVW101M16	C	605	(A,168,36)	CKSSYB104K10
	C	305	(A,136,120)	CKSSYB104K10	C	606	(B,183,22)	CCSRCH8R0D50
	C	309	(B,127,118)	CKSSYB104K10	C	607	(B,183,27)	CCSRCH8R0D50
F	C	310	(B,129,118)	CKSSYB102K50	C	608	(B,181,32)	CKSSYB104K10
	C	311	(A,126,129)	CKSSYB104K10	C	609	(A,173,31) CHIP CAPACITOR	CKSRYB823K25
	C	315	(B,118,123)	CKSSYB104K10	C	610	(A,171,32)	CKSSYB103K16
	C	316	(A,110,128)	CKSSYB104K10	C	611	(A,172,30)	CCSRCH471J50
	C	317	(B,107,136)	CKSSYB104K10	C	612	(A,171,28)	CKSQYB225K10
	C	318	(B,107,138)	CKSSYB104K10	C	621	(B,169,26)	CKSSYB104K10
	C	319	(B,107,143)	CKSSYB104K10	C	622	(B,168,26)	CKSSYB104K10
G	C	320	(A,121,146)	CKSSYB104K10	C	623	(B,166,26)	CKSSYB104K10
	C	321	(A,90,119)	CEVW101M16	C	624	(A,166,29)	CKSSYB103K16
	C	322	(B,85,132)	CKSSYB104K10	C	625	(A,166,28)	CKSSYB104K10
	C	323	(B,85,138)	CKSSYB104K10	C	626	(A,166,26)	DCH1201
	C	324	(B,100,136)	CKSSYB102K50	C	627	(A,166,25)	CKSSYB104K10
	C	325	(B,92,118)	CKSSYB104K10	C	628	(A,165,23)	CKSSYB104K10
	C	326	(A,105,136)	CKSRYB105K10	C	629	(A,168,19)	CEVW101M16
H	C	327	(A,102,134)	CKSSYB104K10	C	630	(A,160,26)	CKSSYB104K10
	C	328	(A,100,141)	CKSRYB474K10	C	631	(A,159,23)	CEVW100M16
	C	329	(A,98,137)	DCH1201	C	632	(A,162,20)	CKSSYB104K10
	C	330	(A,110,139)	CKSRYB472K50	C	633	(A,160,17)	CEVW100M16
	C	333	(B,98,143)	CKSSYB104K10	C	634	(A,160,29)	CKSSYB103K16
	C	401	(B,157,130)	CEVW101M16	C	635	(A,160,30)	CKSSYB104K10
	C	402	(B,162,127)	CCSRCH471J50	C	636	(A,160,32)	DCH1201
I	C	404	(A,153,136)	CKSSYB104K10	C	637	(A,163,32)	CKSSYB104K10
	C	405	(A,154,124)	CKSSYB104K10	C	638	(B,160,26)	CKSSYB104K10
	C	408	(A,159,128)	CKSSYB104K10	C	639	(B,159,26)	CKSSYB104K10
	C	409	(A,149,136)	CKSSYB104K10	C	640	(B,154,29)	CKSSYB104K10

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
C	641	(B,154,30)	CKSSYB102K50	C	827	(B,57,56)	CKSSYB104K10	A
C	643	(B,151,33)	CKSSYB103K16	C	828	(B,60,58)	CKSSYB104K10	
C	644	(A,157,38)	CEVW101M16	C	829	(A,78,57)	CKSSYB104K10	
C	645	(A,161,39)	CKSSYB104K10	C	830	(B,68,63)	CKSSYB103K16	
C	701	(B,133,37)	CEVW101M16	C	831	(A,73,55)	CKSSYB103K16	
C	702	(B,139,38)	CKSSYB104K10	C	832	(A,78,74)	CKSSYB104K10	
C	704	(B,143,40)	CEVW101M16	C	833	(A,78,71)	CKSSYB104K10	
C	705	(B,139,42)	CKSSYB104K10	C	834	(A,78,68)	CKSSYB104K10	■
C	706	(A,138,52)	CKSSYB104K10	C	835	(B,75,65)	CKSSYB104K10	
C	707	(B,139,49)	CEVW100M16	C	836	(A,78,62)	CKSSYB104K10	
C	708	(A,143,52)	CKSSYB104K10	C	837	(B,55,84)	CKSSYB103K16	
C	709	(A,149,35)	CKSSYB104K10	C	838	(B,61,80)	CKSSYB103K16	
C	710	(B,139,35)	CKSSYB104K10	C	881	(A,90,80)	CKSSYB104K10	B
C	711	(A,131,35)	CKSSYB104K10	C	882	(A,102,75)	CKSSYB104K10	
C	712	(A,130,37)	CKSRYB392K50	C	883	(A,102,66)	CKSSYB104K10	
C	713	(A,130,38)	CCSRCH821J50	C	884	(A,102,57)	CKSSYB104K10	
C	714	(A,128,37)	CKSSYB103K16	C	901	(B,52,33)	CKSSYB104K10	
C	751	(B,115,40)	CEVW101M16	C	902	(B,47,33)	CKSSYB104K10	■
C	752	(A,116,37)	CKSSYB104K10	C	903	(B,45,33)	CKSSYB104K10	
C	753	(A,124,30)	CKSSYB104K10	C	904	(B,43,25)	CKSSYB104K10	
C	754	(A,124,32)	CKSSYB104K10	C	905	(B,40,26)	CKSRYB105K10	
C	756	(A,124,34)	CKSSYB104K10	C	908	(B,45,27)	CKSSYB104K10	
C	757	(A,124,31)	CKSSYB104K10	C	911	(B,43,32)	CKSSYB104K10	C
C	758	(A,124,33)	CKSSYB104K10	C	912	(B,53,24)	CKSRYB105K10	
C	759	(A,124,35)	CKSSYB104K10	C	913	(B,47,24)	CKSSYB104K10	
C	771	(A,152,24)	CKSSYB104K10	C	914	(B,45,24)	CKSSYB104K10	
C	772	(A,151,30)	CCSRCH680J50	C	915	(B,43,20)	CKSSYB103K16	
C	773	(A,151,31)	CCSRCH330J50	C	916	(B,50,42)	CEVW101M16	■
C	781	(A,145,24)	CKSSYB104K10	C	917	(B,59,40)	CEVW101M16	
C	782	(A,145,30)	CCSRCH680J50	C	918	(B,51,28)	CKSRYB105K10	
C	783	(A,145,31)	CCSRCH330J50	C	919	(A,57,29)	CKSSYB104K10	
C	791	(A,140,24)	CKSSYB104K10	C	951	(A,20,17)	CKSSYB104K10	
C	792	(A,140,30)	CCSRCH680J50	C	1001	(B,77,35)	CEVW101M16	D
C	793	(A,140,31)	CCSRCH330J50	C	1002	(B,70,39)	CKSSYB104K10	
C	801	(B,81,62)	CKSRYB105K10	C	1012	(B,101,36)	CKSRYB105K10	
C	802	(A,61,80)	CKSSYB104K10	C	1013	(B,85,36)	CKSRYB105K10	
C	803	(A,57,80)	CKSSYB104K10	C	1014	(B,93,36)	CKSRYB105K10	
C	804	(A,63,81)	CKSSYB104K10	C	1015	(B,100,34)	CHIP CERAMIC C.	■
C	805	(B,65,60)	CKSSYB104K10	C	1016	(B,84,34)	CKSQYB225K10	
C	806	(A,67,80)	CKSSYB104K10	C	1017	(B,92,34)	CKSQYB225K10	
C	807	(A,66,55)	CKSSYB104K10	C	1019	(A,85,46)	DCH1201	
C	808	(A,66,46)	CCSRCH120J50	C	1020	(A,83,50)	DCH1201	
C	809	(A,70,46)	CCSRCH100D50	C	1021	(A,89,45)	CHIP CERAMIC C.	E
C	810	(A,72,80)	CKSSYB104K10	C	1052	(A,64,29)	CCSRCH821J25	
C	811	(B,67,60)	CKSSYB104K10	C	1053	(A,68,24)	CKSQYB105K16	
C	812	(B,81,57)	CEVW101M16	C	1054	(B,64,30)	CKSSYB104K10	
C	813	(A,70,54)	CKSSYB104K10	C	1055	(B,68,35)	CEVW101M16	
C	814	(A,74,53)	CKSSYB104K10	C	1056	(A,64,35)	CKSRYB224K16	■
C	815	(B,46,83)	CEVW101M16	C	1057	(B,61,18)	CKSSYB102K50	
C	816	(B,55,58)	CKSRYB105K10	C	1058	(B,61,16)	CKSSYB104K10	
C	817	(A,54,83)	CKSRYB105K10	C	1101	(B,35,84)	CEVW101M16	
C	818	(B,56,74)	CKSSYB104K10	C	1102	(A,31,84)	CKSSYB104K10	
C	819	(B,56,72)	CKSSYB104K10	C	1103	(A,39,82)	CKSSYB104K10	F
C	820	(B,56,70)	CKSSYB104K10	C	1104	(A,41,90)	CKSSYB104K10	
C	821	(B,58,68)	CKSRYB105K10	C	1105	(A,38,97)	CKSSYB104K10	
C	822	(B,56,65)	CKSSYB104K10	C	1106	(A,29,97)	CKSSYB104K10	
C	823	(B,56,63)	CKSSYB104K10	C	1107	(A,28,94)	CKSSYB104K10	
C	824	(B,56,60)	CKSSYB104K10	C	1108	(A,28,90)	CKSSYB104K10	
C	825	(B,50,57)	CEVW101M16	C	1109	(A,28,86)	CKSSYB104K10	
C	826	(B,57,58)	CKSSYB104K10	C	1151	(B,35,39)	CEVW101M16	

Mark	No.	Description	Part No.
A	C	1152 (A,31,39)	CKSSYB104K10
	C	1153 (A,39,37)	CKSSYB104K10
	C	1154 (A,41,45)	CKSSYB104K10
	C	1155 (A,38,52)	CKSSYB104K10
	C	1156 (A,29,52)	CKSSYB104K10
	C	1157 (A,28,49)	CKSSYB104K10
B	C	1158 (A,28,45)	CKSSYB104K10
	C	1159 (A,28,41)	CKSSYB104K10
	C	1201 (B,42,108)	CKSSYB104K10
	C	1202 (A,39,109)	CKSSYB104K10
	C	1203 (B,59,108)	CKSSYB104K10
	C	1204 (A,56,109)	CKSSYB104K10
C	C	1205 (B,31,110)	CKSSYB104K10
	C	1206 (B,49,110)	CKSSYB104K10
	C	1251 (B,42,73)	CKSSYB104K10
	C	1252 (A,40,73)	CKSSYB104K10
	C	1253 (B,42,63)	CKSSYB104K10
	C	1254 (A,40,63)	CKSSYB104K10
D	C	1255 (B,31,75)	CKSSYB104K10
	C	1256 (B,31,65)	CKSSYB104K10
	C	1301 (B,160,104)	CEVW101M16
	C	1302 (B,151,104)	CEVW100M16
	C	1305 (A,166,109)	CEVW101M16
	C	1306 (A,138,110)	CCSRCH120J50
E	C	1307 (A,143,110)	CCSRCH120J50
	C	1308 (A,128,94)	CKSSYB104K10
	C	1309 (A,128,90)	CKSSYB104K10
	C	1310 (A,128,83)	CKSSYB104K10
	C	1311 (A,128,80)	CKSSYB104K10
	C	1312 (A,128,73)	CKSSYB104K10
F	C	1313 (B,130,74)	CKSSYB103K16
	C	1314 (A,137,67)	CKSSYB105K6R3
	C	1315 (A,140,66)	CKSSYB105K6R3
	C	1316 (A,146,66)	CKSSYB105K6R3
	C	1317 (A,150,66)	CKSSYB105K6R3
	C	1318 (A,154,66)	CKSSYB105K6R3
G	C	1319 (B,159,76)	CKSSYB104K10
	C	1320 (B,157,81)	CKSSYB104K10
	C	1321 (A,163,83)	CKSSYB104K10
	C	1322 (A,163,90)	CKSSYB104K10
	C	1323 (A,163,92)	CKSSYB104K10
	C	1324 (A,158,102)	CKSSYB104K10
H	C	1325 (A,157,104)	CKSSYB104K10
	C	1326 (A,156,102)	CKSSYB104K10
	C	1327 (A,154,104)	CKSSYB104K10
	C	1328 (A,153,102)	CKSSYB104K10
	C	1329 (A,152,104)	CKSSYB104K10
	C	1330 (A,151,102)	CKSSYB104K10
I	C	1331 (A,149,104)	CKSSYB104K10
	C	1332 (A,148,102)	CKSSYB104K10
	C	1333 (A,147,104)	CKSSYB104K10
	C	1334 (A,144,102)	CKSSYB104K10
	C	1335 (B,140,96)	CKSSYB104K10
	C	1336 (A,137,102)	CKSSYB104K10
J	C	1351 (B,162,69) CHIP OS CAPACITOR	ACH7174
	C	1352 (B,135,78)	CKSSYB105K6R3
	C	1353 (B,136,78)	CKSSYB105K6R3
	C	1354 (B,139,78)	CKSSYB105K6R3
	C	1355 (B,141,78)	CKSSYB105K6R3
	C	1356 (B,149,78)	CKSSYB105K6R3

Mark	No.	Description	Part No.
C	1357 (B,152,78)		CKSSYB105K6R3
C	1358 (B,154,78)		CKSSYB105K6R3
C	1359 (B,156,78)		CKSSYB105K6R3
C	1360 (B,153,61)		CKSSYB105K6R3
C	1361 (B,150,61)		CKSSYB105K6R3
C	1362 (B,141,62)		CKSSYB105K6R3
C	1363 (B,137,61)		CKSSYB105K6R3
C	1381 (B,123,71)		CKSSYB104K10
C	1382 (B,123,53)		CKSSYB104K10
C	1383 (B,126,62)		CKSSYB104K10
C	2001 (A,27,112)		CKSSYB104K10
C	2002 (A,27,111)		CKSSYB102K50

AGF HDMI & DVC ASSY (VSX-82TXS)

MISCELLANEOUS

IC	405 (B,123,106)	IC	TC74LCX541FTS1
IC	464 (A,112,93)	IC	TC74VHC00FTS1
IC	465 (A,123,109)	IC	TC74LCX541FTS1
IC	501 (A,84,100)	CPU	PEG118A
IC	502 (B,89,100)	FLASH ROM	AYW7107
		FLASH MEMORY IC(4M)	S29AL004D70TFI010
IC	504 (A,53,96)	IC	TC74VHC125FTS1
IC	505 (A,109,78)	LOGIC IC	CD4094BPW
IC	601 (B,164,37)	VIDEO DECODER	ADV7401BSTZ-80
IC	602 (B,178,33)	IC	TC7WU04FU
IC	701 (A,139,44)	VIDEO ENCODER IC	ADV7322KSTZ
IC	751 (A,117,32)	VIDEO FILTER IC	FMS6403MTC
IC	801 (A,65,68)	HDMI RECEIVER	SII9033CTU
IC	881 (A,89,76)	IC	TC74LCX541FTS1
IC	882 (A,101,71)	IC	TC74LCX541FTS1
IC	883 (A,101,62)	IC	TC74LCX541FTS1
IC	884 (A,101,53)	IC	TC74LCX541FTS1
IC	901 (A,48,28)	HDMI TRANSMITTER	SII9030CTU-7
△ IC	1001 (B,101,43)	REGULATOR IC	NJM2885DL1-25
△ IC	1002 (B,85,43)	REGULATOR IC	NJM2845DL1-33
△ IC	1003 (B,93,43)	REGULATOR IC	NJM2845DL1-33
△ IC	1004 (A,85,42)	DC/DC CONVERTER IC	BD9106FVM
△ IC	1051 (A,70,32)	REGULATOR IC	PQ200WNA1ZPH
IC	1101 (A,34,90)	HDMI/DVI CABLE EQ	CXB1441R
IC	1201 (B,42,105)	EEPROM	BR24L02FV-W
IC	1202 (A,40,105)	LOGIC IC	SN74CBT3257CPW
IC	1203 (B,59,105)	EEPROM	BR24L02FV-W
IC	1204 (A,57,105)	LOGIC IC	SN74CBT3257CPW
IC	1205 (B,31,108)	IC	TC7WBD125AFK
IC	1206 (B,49,108)	IC	TC7WBD125AFK
IC	1251 (B,42,70)	EEPROM	BR24L02FV-W
IC	1252 (A,40,70)	LOGIC IC	SN74CBT3257CPW
IC	1301 (A,145,85)	IC(VIDEO FORMAT COV)	FLI2310-LF-CF
IC	1351 (B,145,70)	64M SDRAM	EDS6432AFTA-6B
IC	1381 (B,124,66)	IC	TC74LCX541FTS1
IC	1382 (B,124,48)	IC	TC74LCX541FTS1
IC	1383 (B,127,57)	IC	TC74LCX541FTS1
Q	462 (B,122,99)	DIGITAL TRANSISTOR	DTC124EUA
Q	464 (A,124,103)	CHIP TRANSISTOR	RN4903
Q	751 (B,114,34)	TRANSISTOR	2SA1576A
Q	752 (B,117,34)	CHIP TRANSISTOR	DTC114YUA
Q	771 (A,151,26)	TRANSISTOR	2SA1576A
Q	781 (A,145,26)	TRANSISTOR	2SA1576A
Q	791 (A,139,26)	TRANSISTOR	2SA1576A
Q	801 (B,58,82)	DUAL MOS FET	HN1K02FU
Q	901 (B,38,29)	CHIP DIGITAL TRANS.	DTA124EUA

Mark	No.	Description	Part No.
X	601	(B,179,24) CRYSTAL RESONATOR (28.63636 MHz)	ASS7069
X	801	(A,68,49) CRYSTAL RESONATOR (27.000 MHz)	ASS7068
X	1301	(A,141,106) CRYSTAL RESONATOR (13.5 MHz)	ASS7070
CN	501	(A,13,36) 07P CONNECTOR	RKN1048
CN	1001	(A,70,18) CONNECTOR	CKS4668
CN	1002	(A,102,18) CONNECTOR	CKS4668
RESISTORS			
R	441	(B,118,104)	RS1/16SS0R0J
R	442	(B,129,103)	RS1/16SS101J
R	443	(B,129,104)	RS1/16SS101J
R	444	(B,129,106)	RS1/16SS101J
R	445	(B,129,108) RESISTOR ARRAY	RAB4CQ101J
R	461	(B,113,100) RESISTOR ARRAY	RAB4CQ100J
R	462	(B,113,103) RESISTOR ARRAY	RAB4CQ100J
R	463	(A,118,111)	RS1/16SS0R0J
R	464	(A,118,93)	RS1/16SS103J
R	465	(A,120,113)	RS1/16SS0R0J
R	467	(A,124,100)	RS1/16SS0R0J
R	468	(B,120,102)	RS1/16SS103J
R	470	(B,129,101)	RS1/16SS0R0J
R	471	(A,127,103)	RS1/16SS103J
R	474	(A,129,111)	RS1/16SS390J
R	475	(A,129,110)	RS1/16SS101J
R	476	(A,129,109)	RS1/16SS101J
R	477	(A,129,107) RESISTOR ARRAY	RAB4CQ101J
R	506	(A,80,87)	RS1/16SS221J
R	508	(B,84,91)	RS1/16SS472J
R	511	(A,87,87)	RS1/16SS101J
R	517	(A,91,87)	RS1/16SS101J
R	520	(B,78,83)	RS1/16SS103J
R	524	(B,92,87)	RS1/16SS100J
R	525	(A,93,87)	RS1/16SS100J
R	526	(A,99,89)	RS1/16SS100J
R	527	(A,99,90)	RS1/16SS100J
R	528	(A,99,97)	RS1/16SS470J
R	529	(A,99,99)	RS1/16SS473J
R	530	(B,95,82)	RS1/16SS222J
R	531	(B,96,82)	RS1/16SS222J
R	533	(A,101,89)	RS1/16SS472J
R	534	(A,101,90)	RS1/16SS472J
R	537	(A,75,87)	RS1/16SS101J
R	538	(B,74,87)	RS1/16SS101J
R	539	(A,69,93)	RS1/16SS101J
R	540	(A,48,96)	RS1/16SS470J
R	541	(A,59,96)	RS1/16SS103J
R	542	(A,59,97)	RS1/16SS470J
R	543	(A,59,95)	RS1/16SS472J
R	544	(A,59,94)	RS1/16SS470J
R	546	(A,99,94)	RS1/16SS101J
R	549	(A,99,98)	RS1/16SS473J
R	551	(B,77,105)	RS1/16SS473J
R	561	(B,86,91)	RS1/16SS103J
R	562	(B,87,91)	RS1/16SS103J
R	564	(B,89,91)	RS1/16SS103J
R	565	(B,90,91)	RS1/16SS103J
R	567	(B,91,91)	RS1/16SS103J
R	569	(A,99,105)	RS1/16SS103J

	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	R	571	(A,20,38)	RS1/16SS103J	R	715	(A,148,40)	RS1/16SS0R0J
	R	574	(A,99,101)	RS1/16SS473J	R	716	(A,148,42)	RS1/16SS473J
	R	575	(A,99,104)	RS1/16SS101J	R	717	(A,148,41)	RS1/16SS473J
	R	576	(A,99,103)	RS1/16SS101J	R	718	(A,149,38)	RS1/16SS103J
	R	577	(A,97,110)	RS1/16SS101J	R	719	(A,132,30) CHIP RESISTOR	RS1/16SS3000F
■	R	581	(A,99,106)	RS1/16SS101J	R	720	(A,131,32) CHIP RESISTOR	RS1/16SS3000F
	R	586	(B,75,91)	RS1/16SS103J	R	721	(A,130,33) CHIP RESISTOR	RS1/16SS3000F
	R	588	(B,94,91)	RS1/16SS103J	R	751	(B,114,31)	RS1/16SS473J
	R	594	(B,89,82)	RS1/16SS0R0J	R	752	(B,116,31)	RS1/16SS821J
	R	601	(A,160,43)	RS1/16SS101J	R	771	(A,149,24)	RS1/16SS471J
B	R	602	(B,158,47)	RS1/16SS470J	R	773	(A,150,29)	RS1/16SS2701F
	R	603	(B,162,48) RESISTOR ARRAY	RAB4CQ470J	R	774	(A,151,33) CHIP RESISTOR	RS1/16SS3300F
	R	604	(B,165,47)	RS1/16SS330J	R	781	(A,143,24)	RS1/16SS471J
	R	605	(B,167,47)	RS1/16SS330J	R	783	(A,145,29)	RS1/16SS2701F
	R	606	(B,168,47)	RS1/16SS330J	R	784	(A,145,33) CHIP RESISTOR	RS1/16SS3300F
■	R	607	(B,170,49) RESISTOR ARRAY	RAB4CQ560J	R	791	(A,136,25)	RS1/16SS471J
	R	608	(A,172,43)	RS1/16SS560J	R	793	(A,139,29)	RS1/16SS2701F
	R	609	(A,172,42)	RS1/16SS560J	R	794	(A,139,33) CHIP RESISTOR	RS1/16SS3300F
	R	610	(A,172,41)	RS1/16SS103J	R	801	(A,59,82) RESISTOR ARRAY	RAB4CQ100J
	R	611	(A,172,38)	RS1/16SS100J	R	802	(A,80,80) RESISTOR ARRAY	RAB4CQ470J
C	R	612	(A,172,35)	RS1/16SS560J	R	803	(A,60,82)	RS1/16SS100J
	R	613	(A,172,34)	RS1/16SS560J	R	804	(A,62,82)	RS1/16SS100J
	R	614	(B,178,30)	RS1/16SS105J	R	805	(B,55,82)	RS1/16SS103J
	R	615	(B,181,30)	RS1/16SS331J	R	806	(B,60,78)	RS1/16SS103J
	R	616	(B,175,37)	RS1/16SS101J	R	807	(A,65,83) RESISTOR ARRAY	RAB4CQ470J
■	R	617	(B,181,35)	RS1/16SS0R0J	R	808	(A,68,83) RESISTOR ARRAY	RAB4CQ470J
	R	618	(A,175,32)	RS1/16SS132J	R	809	(A,70,82)	RS1/16SS470J
	R	619	(A,173,32)	RS1/16SS391J	R	810	(B,70,77)	RS1/16SS470J
	R	621	(B,174,17)	RS1/10S0R0J	R	811	(B,59,62)	RS1/16SS101J
	R	622	(B,174,14)	RS1/10S0R0J	R	812	(A,57,54)	RS1/16SS470J
D	R	623	(A,169,29)	RS1/16SS103J	R	813	(A,60,51)	RS1/16SS680J
	R	624	(A,164,32)	RS1/16SS272J	R	815	(A,76,54)	RS1/16SS472J
	R	625	(A,165,32)	RS1/16SS272J	R	818	(A,68,55)	RS1/16SS105J
	R	631	(B,151,32)	RS1/16SS471J	R	822	(A,61,51)	RS1/16SS470J
	R	632	(B,154,35)	RS1/16SS103J	R	823	(A,64,54)	RS1/16SS100J
■	R	634	(B,154,36)	RS1/16SS330J	R	824	(A,68,53)	RS1/16SS152J
	R	635	(B,154,37)	RS1/16SS330J	R	825	(A,58,51) RESISTOR ARRAY	RAB4CQ680J
	R	636	(B,154,40) RESISTOR ARRAY	RAB4CQ470J	R	826	(A,80,76) RESISTOR ARRAY	RAB4CQ470J
	R	637	(B,154,42)	RS1/16SS470J	R	827	(A,80,73) RESISTOR ARRAY	RAB4CQ470J
	R	638	(B,154,43)	RS1/16SS470J	R	828	(A,80,70) RESISTOR ARRAY	RAB4CQ220J
■	R	661	(B,152,53) RESISTOR ARRAY	RAB4CQ473J	R	829	(A,80,67) RESISTOR ARRAY	RAB4CQ220J
	R	662	(B,152,50) RESISTOR ARRAY	RAB4CQ473J	R	830	(A,80,63) RESISTOR ARRAY	RAB4CQ220J
	R	663	(B,152,58) RESISTOR ARRAY	RAB4CQ473J	R	831	(A,80,60) RESISTOR ARRAY	RAB4CQ220J
	R	664	(B,152,56) RESISTOR ARRAY	RAB4CQ473J	R	832	(A,80,65)	RS1/16SS220J
	R	665	(A,172,39)	RS1/16SS473J	R	839	(A,54,85)	RS1/10S0R0J
E	R	666	(B,152,47) RESISTOR ARRAY	RAB4CQ473J	R	847	(A,71,53)	RS1/16SS0R0J
	R	701	(A,149,36)	RS1/16SS1501F	R	848	(A,73,53)	RS1/16SS0R0J
	R	702	(A,151,36)	RS1/16SS1501F	R	849	(A,75,54)	RS1/16SS472J
	R	703	(A,151,35)	RS1/16SS390J	R	850	(B,69,63)	RS1/16SS471J
	R	704	(A,133,37)	RS1/16SS681J	R	851	(B,70,63)	RS1/16SS221J
■	R	705	(A,134,36)	RS1/16SS1501F	R	852	(B,72,63)	RS1/16SS221J
	R	706	(A,132,36)	RS1/16SS1501F	R	853	(B,58,86)	RS1/16SS103J
	R	707	(A,130,36)	RS1/16SS390J	R	855	(B,57,86)	RS1/16SS104J
	R	708	(A,128,39)	RS1/16SS471J	R	856	(B,56,84)	RS1/16SS103J
	R	709	(A,128,40)	RS1/16SS103J	R	857	(B,58,79)	RS1/16SS104J
F	R	710	(A,131,46)	RS1/16SS470J	R	858	(B,61,79)	RS1/16SS103J
	R	711	(A,131,47)	RS1/16SS470J	R	859	(B,58,78)	RS1/16SS103J
	R	712	(B,133,47)	RS1/16SS103J	R	881	(A,95,77) RESISTOR ARRAY	RAB4CQ220J
	R	713	(B,138,46)	RS1/16SS472J	R	882	(A,94,75)	RS1/16SS150J
	R	714	(A,148,43)	RS1/16SS0R0J	R	883	(A,107,71) RESISTOR ARRAY	RAB4CQ470J

5				6				7				8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	884	(A,107,68)	RESISTOR ARRAY	RAB4CQ470J	R	1116 (A,29,96)	RS1/16SS101J	R	1116 (A,29,96)	RS1/16SS101J		R	1116 (A,29,96)	RS1/16SS101J	
R	885	(A,107,62)	RESISTOR ARRAY	RAB4CQ220J	R	1151 (A,21,63)	RS1/16SS102J	R	1151 (A,21,63)	RS1/16SS102J		R	1151 (A,21,63)	RS1/16SS102J	
R	886	(A,107,59)	RESISTOR ARRAY	RAB4CQ220J	R	1153 (A,21,70)	RS1/16SS473J	R	1153 (A,21,70)	RS1/16SS473J		R	1153 (A,21,70)	RS1/16SS473J	A
R	887	(A,107,53)	RESISTOR ARRAY	RAB4CQ220J	R	1201 (B,36,106)	RS1/16SS103J	R	1201 (B,36,106)	RS1/16SS103J		R	1201 (B,36,106)	RS1/16SS103J	
R	888	(A,107,50)	RESISTOR ARRAY	RAB4CQ220J	R	1202 (B,36,104)	RS1/16SS103J	R	1202 (B,36,104)	RS1/16SS103J		R	1202 (B,36,104)	RS1/16SS103J	
R	903	(A,50,37)		RS1/16SS100J	R	1203 (B,37,101)	RS1/16SS103J	R	1203 (B,37,101)	RS1/16SS103J		R	1203 (B,37,101)	RS1/16SS103J	
R	906	(A,46,37)		RS1/16SS101J	R	1204 (B,37,106)	RS1/16SS101J	R	1204 (B,37,106)	RS1/16SS101J		R	1204 (B,37,106)	RS1/16SS101J	
R	912	(B,41,28)	CHIP RESISTOR	RS1/16S4750F	R	1205 (B,37,104)	RS1/16SS100J	R	1205 (B,37,104)	RS1/16SS100J		R	1205 (B,37,104)	RS1/16SS100J	
R	913	(A,39,34)		RS1/16SS472J	R	1206 (B,37,102)	RS1/16SS100J	R	1206 (B,37,102)	RS1/16SS100J		R	1206 (B,37,102)	RS1/16SS100J	
R	914	(A,44,16)		RS1/16SS100J	R	1207 (B,53,106)	RS1/16SS103J	R	1207 (B,53,106)	RS1/16SS103J		R	1207 (B,53,106)	RS1/16SS103J	
R	915	(A,44,18)		RS1/16SS100J	R	1208 (B,53,104)	RS1/16SS103J	R	1208 (B,53,104)	RS1/16SS103J		R	1208 (B,53,104)	RS1/16SS103J	
R	916	(B,44,20)		RS1/16SS471J	R	1209 (B,54,101)	RS1/16SS103J	R	1209 (B,54,101)	RS1/16SS103J		R	1209 (B,54,101)	RS1/16SS103J	
R	918	(B,42,20)		RS1/16SS472J	R	1210 (B,55,106)	RS1/16SS101J	R	1210 (B,55,106)	RS1/16SS101J		R	1210 (B,55,106)	RS1/16SS101J	
R	919	(B,40,33)		RS1/10S0R0J	R	1211 (B,55,104)	RS1/16SS100J	R	1211 (B,55,104)	RS1/16SS100J		R	1211 (B,55,104)	RS1/16SS100J	B
R	920	(B,41,30)		RS1/16S3901F	R	1212 (B,54,102)	RS1/16SS100J	R	1212 (B,54,102)	RS1/16SS100J		R	1212 (B,54,102)	RS1/16SS100J	
R	925	(B,59,26)		RS1/16SS150J	R	1213 (A,49,109)	RS1/16SS103J	R	1213 (A,49,109)	RS1/16SS103J		R	1213 (A,49,109)	RS1/16SS103J	
R	926	(A,44,37)		RS1/16SS100J	R	1214 (B,29,105)	RS1/16SS101J	R	1214 (B,29,105)	RS1/16SS101J		R	1214 (B,29,105)	RS1/16SS101J	
R	927	(A,42,37)		RS1/16SS100J	R	1215 (A,29,109)	RS1/16SS472J	R	1215 (A,29,109)	RS1/16SS472J		R	1215 (A,29,109)	RS1/16SS472J	
R	931	(A,60,36)	RESISTOR ARRAY	RAB4CQ473J	R	1216 (A,47,109)	RS1/16SS472J	R	1216 (A,47,109)	RS1/16SS472J		R	1216 (A,47,109)	RS1/16SS472J	
R	932	(B,60,27)		RS1/16SS473J	R	1251 (B,36,71)	RS1/16SS103J	R	1251 (B,36,71)	RS1/16SS103J		R	1251 (B,36,71)	RS1/16SS103J	
R	933	(A,60,31)	RESISTOR ARRAY	RAB4CQ473J	R	1252 (B,36,69)	RS1/16SS103J	R	1252 (B,36,69)	RS1/16SS103J		R	1252 (B,36,69)	RS1/16SS103J	
R	934	(A,60,28)	RESISTOR ARRAY	RAB4CQ473J	R	1253 (B,37,66)	RS1/16SS103J	R	1253 (B,37,66)	RS1/16SS103J		R	1253 (B,37,66)	RS1/16SS103J	
R	935	(A,60,25)	RESISTOR ARRAY	RAB4CQ473J	R	1254 (B,37,71)	RS1/16SS101J	R	1254 (B,37,71)	RS1/16SS101J		R	1254 (B,37,71)	RS1/16SS101J	
R	936	(A,59,22)	RESISTOR ARRAY	RAB4CQ473J	R	1255 (B,37,69)	RS1/16SS100J	R	1255 (B,37,69)	RS1/16SS100J		R	1255 (B,37,69)	RS1/16SS100J	
R	937	(B,51,21)	RESISTOR ARRAY	RAB4CQ473J	R	1256 (B,37,67)	RS1/16SS100J	R	1256 (B,37,67)	RS1/16SS100J		R	1256 (B,37,67)	RS1/16SS100J	C
R	938	(B,47,21)	RESISTOR ARRAY	RAB4CQ473J	R	1265 (A,29,73)	RS1/16SS472J	R	1265 (A,29,73)	RS1/16SS472J		R	1265 (A,29,73)	RS1/16SS472J	
R	951	(B,30,23)		RS1/16SS472J	R	1266 (A,29,64)	RS1/16SS472J	R	1266 (A,29,64)	RS1/16SS472J		R	1266 (A,29,64)	RS1/16SS472J	
R	952	(B,35,23)		RS1/16SS472J	R	1301 (A,139,103)	RS1/16SS332J	R	1301 (A,139,103)	RS1/16SS332J		R	1301 (A,139,103)	RS1/16SS332J	
R	953	(B,30,25)		RS1/16SS272J	R	1302 (A,142,103)	RS1/16SS474J	R	1302 (A,142,103)	RS1/16SS474J		R	1302 (A,142,103)	RS1/16SS474J	
R	954	(B,35,24)		RS1/16SS272J	R	1303 (B,135,96)	RS1/16SS0R0J	R	1303 (B,135,96)	RS1/16SS0R0J		R	1303 (B,135,96)	RS1/16SS0R0J	
R	955	(A,23,25)		RS1/16SS472J	R	1305 (B,131,78)	RS1/16SS220J	R	1305 (B,131,78)	RS1/16SS220J		R	1305 (B,131,78)	RS1/16SS220J	
R	956	(A,28,25)		RS1/16SS472J	R	1306 (B,131,77)	RS1/16SS103J	R	1306 (B,131,77)	RS1/16SS103J		R	1306 (B,131,77)	RS1/16SS103J	
R	986	(A,16,23)		RS1/16SS473J	R	1307 (B,131,76)	RS1/16SS103J	R	1307 (B,131,76)	RS1/16SS103J		R	1307 (B,131,76)	RS1/16SS103J	
R	989	(A,16,26)		RS1/16SS102J	R	1308 (B,126,77)	RS1/16SS101J	R	1308 (B,126,77)	RS1/16SS101J		R	1308 (B,126,77)	RS1/16SS101J	
R	1016	(B,69,41)		RS1/10S100J	R	1309 (B,126,76)	RS1/16SS101J	R	1309 (B,126,76)	RS1/16SS101J		R	1309 (B,126,76)	RS1/16SS101J	
R	1017	(B,109,33)		RS1/10S0R0J	R	1310 (B,126,74)	RS1/16SS101J	R	1310 (B,126,74)	RS1/16SS101J		R	1310 (B,126,74)	RS1/16SS101J	D
R	1019	(B,104,35)		RS1/10S0R0J	R	1311 (A,163,75)	RS1/16SS101J	R	1311 (A,163,75)	RS1/16SS101J		R	1311 (A,163,75)	RS1/16SS101J	
R	1020	(B,88,35)		RS1/10S0R0J	R	1312 (A,163,79)	RESISTOR ARRAY	R	1312 (A,163,79)	RESISTOR ARRAY		R	1312 (A,163,79)	RESISTOR ARRAY	
R	1021	(B,96,35)		RS1/10S0R0J	R	1313 (A,163,81)	RS1/16SS220J	R	1313 (A,163,81)	RS1/16SS220J		R	1313 (A,163,81)	RS1/16SS220J	
R	1022	(A,91,42)	CHIP RESISTOR	RS1/16SS1502F	R	1314 (A,163,85)	RESISTOR ARRAY	R	1314 (A,163,85)	RESISTOR ARRAY		R	1314 (A,163,85)	RESISTOR ARRAY	
R	1023	(A,90,42)	CHIP RESISTOR	RS1/16SS1202F	R	1315 (A,163,88)	RESISTOR ARRAY	R	1315 (A,163,88)	RESISTOR ARRAY		R	1315 (A,163,88)	RESISTOR ARRAY	
R	1024	(A,89,42)		RS1/16SS273J	R	1316 (A,163,94)	RESISTOR ARRAY	R	1316 (A,163,94)	RESISTOR ARRAY		R	1316 (A,163,94)	RESISTOR ARRAY	
R	1052	(A,62,17)		RS1/10S6R8J	R	1317 (A,163,97)	RESISTOR ARRAY	R	1317 (A,163,97)	RESISTOR ARRAY		R	1317 (A,163,97)	RESISTOR ARRAY	
R	1053	(A,62,19)		RS1/10S6R8J	R	1318 (A,163,99)	RS1/16SS103J	R	1318 (A,163,99)	RS1/16SS103J		R	1318 (A,163,99)	RS1/16SS103J	
R	1054	(A,65,25)		RS1/16SS102J	R	1351 (B,144,62)	RS1/16SS102J	R	1351 (B,144,62)	RS1/16SS102J		R	1351 (B,144,62)	RS1/16SS102J	
R	1056	(A,63,28)		RS1/16SS333J	R	1381 (B,118,69)	RS1/16SS680J	R	1381 (B,118,69)	RS1/16SS680J		R	1381 (B,118,69)	RS1/16SS680J	E
R	1057	(A,65,27)		RS1/16SS103J	R	1382 (B,118,67)	RS1/16SS680J	R	1382 (B,118,67)	RS1/16SS680J		R	1382 (B,118,67)	RS1/16SS680J	
R	1058	(A,71,24)		RS1/16SS2001F	R	1383 (B,118,66)	RS1/16SS680J	R	1383 (B,118,66)	RS1/16SS680J		R	1383 (B,118,66)	RS1/16SS680J	
R	1059	(A,69,40)	CHIP RESISTOR	RS1/16SS1801F	R	1384 (B,118,65)	RS1/16SS330J	R	1384 (B,118,65)	RS1/16SS330J		R	1384 (B,118,65)	RS1/16SS330J	
R	1091	(A,97,27)		RS1/10S0R0J	R	1385 (B,118,49)	RESISTOR ARRAY	R	1385 (B,118,49)	RESISTOR ARRAY		R	1385 (B,118,49)	RESISTOR ARRAY	
R	1092	(A,97,24)		RS1/10S0R0J	R	1386 (B,118,46)	RESISTOR ARRAY	R	1386 (B,118,46)	RESISTOR ARRAY		R	1386 (B,118,46)	RESISTOR ARRAY	
R	1101	(A,20,108)		RS1/16SS102J	R	1387 (B,121,58)	RESISTOR ARRAY	R	1387 (B,121,58)	RESISTOR ARRAY		R	1387 (B,121,58)	RESISTOR ARRAY	
R	1103	(A,23,113)		RS1/16SS473J	R	1388 (B,121,55)	RESISTOR ARRAY	R	1388 (B,121,55)	RESISTOR ARRAY		R	1388 (B,121,55)	RESISTOR ARRAY	
R	1104	(A,20,85)		RS1/16SS102J	R	1389 (B,115,69)	RS1/16SS473J	R	1389 (B,115,69)	RS1/16SS473J		R	1389 (B,115,69)	RS1/16SS473J	
R	1106	(A,21,93)		RS1/16SS473J	R	1390 (B,115,67)	RS1/16SS473J	R	1390 (B,115,67)	RS1/16SS473J		R	1390 (B,115,67)	RS1/16SS473J	
R	1107	(B,40,94)		RS1/16SS473J	R	1391 (B,115,66)	RS1/16SS473J	R	1391 (B,115,66)	RS1/16SS473J		R	1391 (B,115,66)	RS1/16SS473J	
R	1108	(B,38,94)		RS1/16SS271J	R	1392 (B,115,65)	RS1/16SS473J	R	1392 (B,115,65)	RS1/16SS473J		R	1392 (B,115,65)	RS1/16SS473J	F
R	1109	(A,28,83)		RS1/16SS102J	R	1393 (B,129,92)	RESISTOR ARRAY	R	1393 (B,129,92)	RESISTOR ARRAY		R	1393 (B,129,92)	RESISTOR ARRAY	
R	1110	(A,39,83)	CHIP RESISTOR	RS1/16SS4701F	R	1394 (B,129,89)	RESISTOR ARRAY	R	1394 (B,129,89)	RESISTOR ARRAY		R	1394 (B,129,89)	RESISTOR ARRAY	
R	1115	(A,39,97)		RS1/16SS101J	R	1395 (A,114,49)	RESISTOR ARRAY	R	1395 (A,114,49)	RESISTOR ARRAY		R	1395 (A,114,49)	RESISTOR ARRAY	

	Mark	No.	Description	Part No.		Mark	No.	Description	Part No.
A	R	1396 (A,114,46)	RESISTOR ARRAY	RAB4CQ473J	C	702 (B,139,38)		CKSSYB104K10	
	R	1397 (A,117,58)	RESISTOR ARRAY	RAB4CQ473J	C	704 (B,143,40)		CEVW101M16	
	R	1398 (A,117,55)	RESISTOR ARRAY	RAB4CQ473J	C	705 (B,139,42)		CKSSYB104K10	
	R	2003		RS1/16SS0R0J	C	706 (A,138,52)		CKSSYB104K10	
	R	2004		RS1/16SS0R0J	C	707 (B,139,49)		CEVW100M16	
■	R	2007		RS1/16SS0R0J	C	708 (A,143,52)		CKSSYB104K10	
	R	2008		RS1/16SS0R0J	C	709 (A,149,35)		CKSSYB104K10	
	R	2011		RS1/16SS0R0J	C	710 (B,139,35)		CKSSYB104K10	
	R	2012		RS1/16SS0R0J	C	711 (A,131,35)		CKSSYB104K10	
CAPACITORS					C	712 (A,130,37)		CKSRYB392K50	
B	C	416 (B,123,102)		CKSSYB104K10	C	713 (A,130,38)		CCSRCH821J50	
	C	464 (A,112,97)		CKSSYB104K10	C	714 (A,128,37)		CKSSYB103K16	
	C	465 (A,123,113)		CKSSYB104K10	C	751 (B,115,40)		CEVW101M16	
	C	501 (B,81,91)		CKSSYB103K16	C	752 (A,116,37)		CKSSYB104K10	
	C	502 (B,85,93)		CKSSYB104K10	C	753 (A,124,30)		CKSSYB104K10	
■	C	503 (B,64,91)		CEVW101M16	C	754 (A,124,32)		CKSSYB104K10	
	C	504 (A,110,81)		CKSSYB104K10	C	756 (A,124,34)		CKSSYB104K10	
	C	505 (A,71,95)		CKSSYB104K10	C	757 (A,124,31)		CKSSYB104K10	
	C	506 (A,85,109)		CKSSYB104K10	C	758 (A,123,33)		CKSSYB104K10	
	C	507 (A,53,100)		CKSSYB104K10	C	759 (A,124,35)		CKSSYB104K10	
C	C	551 (B,77,100)		CKSSYB104K10	C	771 (A,152,24)		CKSSYB104K10	
	C	552 (B,101,100)		CKSSYB104K10	C	772 (A,151,30)		CCSRCH680J50	
	C	571 (A,20,35)		CKSSYB104K10	C	773 (A,151,31)		CCSRCH330J50	
	C	601 (A,166,47)		CEVW101M16	C	781 (A,145,24)		CKSSYB104K10	
	C	602 (B,160,47)		CKSSYB104K10	C	782 (A,145,30)		CCSRCH680J50	
■	C	603 (A,163,41)		CKSRYB105K10	C	783 (A,145,31)		CCSRCH330J50	
	C	604 (A,166,43)		CKSSYB104K10	C	791 (A,140,24)		CKSSYB104K10	
	C	605 (A,168,36)		CKSSYB104K10	C	792 (A,140,30)		CCSRCH680J50	
	C	606 (B,183,22)		CCSRCH8R0D50	C	793 (A,140,31)		CCSRCH330J50	
	C	607 (B,183,27)		CCSRCH8R0D50	C	801 (B,81,62)		CKSRYB105K10	
D	C	608 (B,181,32)		CKSSYB104K10	C	802 (A,61,80)		CKSSYB104K10	
	C	609 (A,173,31)	CHIP CAPACITOR	CKSRYB823K25	C	803 (A,57,80)		CKSSYB104K10	
	C	610 (A,171,32)		CKSSYB103K16	C	804 (A,63,81)		CKSSYB104K10	
	C	611 (A,172,30)		CCSRCH471J50	C	805 (B,65,60)		CKSSYB104K10	
	C	612 (A,171,28)		CKSQYB225K10	C	806 (A,67,80)		CKSSYB104K10	
■	C	621 (B,169,26)		CKSSYB104K10	C	807 (A,66,55)		CKSSYB104K10	
	C	622 (B,168,26)		CKSSYB104K10	C	808 (A,66,46)		CCSRCH120J50	
	C	623 (B,166,26)		CKSSYB104K10	C	809 (A,70,46)		CCSRCH100D50	
	C	624 (A,166,29)		CKSSYB103K16	C	810 (A,72,80)		CKSSYB104K10	
	C	625 (A,166,28)		CKSSYB104K10	C	811 (B,67,60)		CKSSYB104K10	
E	C	626 (A,166,26)		DCH1201	C	812 (B,81,57)		CEVW101M16	
	C	627 (A,166,25)		CKSSYB104K10	C	813 (A,70,54)		CKSSYB104K10	
	C	628 (A,165,23)		CKSSYB104K10	C	814 (A,74,53)		CKSSYB104K10	
	C	629 (A,168,19)		CEVW101M16	C	815 (B,46,83)		CEVW101M16	
	C	630 (A,160,26)		CKSSYB104K10	C	816 (B,55,58)		CKSRYB105K10	
■	C	631 (A,159,23)		CEVW100M16	C	817 (A,54,83)		CKSRYB105K10	
	C	632 (A,162,20)		CKSSYB104K10	C	818 (B,56,74)		CKSSYB104K10	
	C	633 (A,160,17)		CEVW100M16	C	819 (B,56,72)		CKSSYB104K10	
	C	634 (A,160,29)		CKSSYB103K16	C	820 (B,56,70)		CKSSYB104K10	
	C	635 (A,160,30)		CKSSYB104K10	C	821 (B,58,68)		CKSRYB105K10	
F	C	636 (A,160,32)		DCH1201	C	822 (B,56,65)		CKSSYB104K10	
	C	637 (A,163,32)		CKSSYB104K10	C	823 (B,56,63)		CKSSYB104K10	
	C	638 (B,160,26)		CKSSYB104K10	C	824 (B,56,60)		CKSSYB104K10	
	C	639 (B,159,26)		CKSSYB104K10	C	825 (B,50,57)		CEVW101M16	
	C	640 (B,154,29)		CKSSYB104K10	C	826 (B,57,58)		CKSSYB104K10	
■	C	641 (B,154,30)		CKSSYB102K50	C	827 (B,57,56)		CKSSYB104K10	
	C	643 (B,151,33)		CKSSYB103K16	C	828 (B,60,58)		CKSSYB104K10	
	C	644 (A,157,38)		CEVW101M16	C	829 (A,78,57)		CKSSYB104K10	
	C	645 (A,161,39)		CKSSYB104K10	C	830 (B,68,63)		CKSSYB103K16	
	C	701 (B,133,37)		CEVW101M16	C	831 (A,73,55)		CKSSYB103K16	

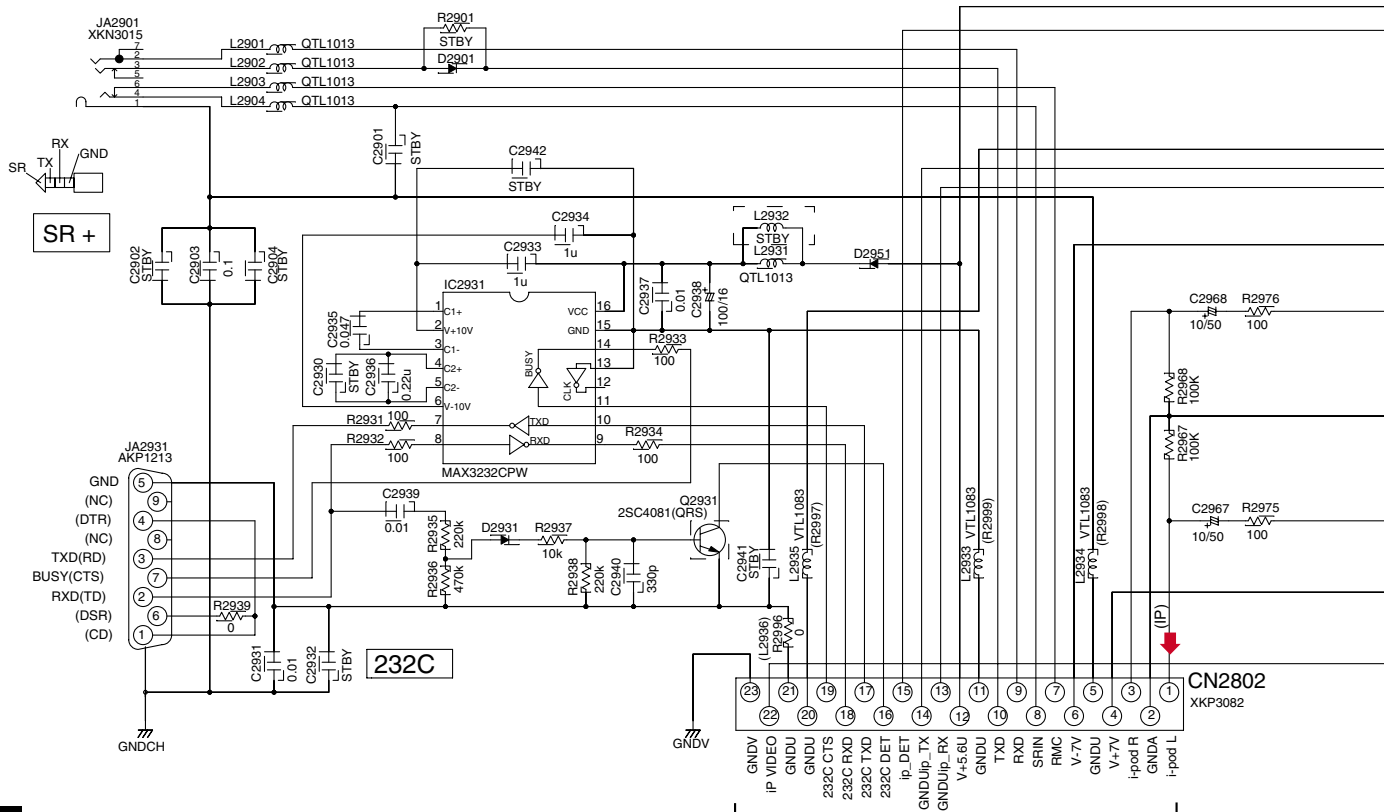
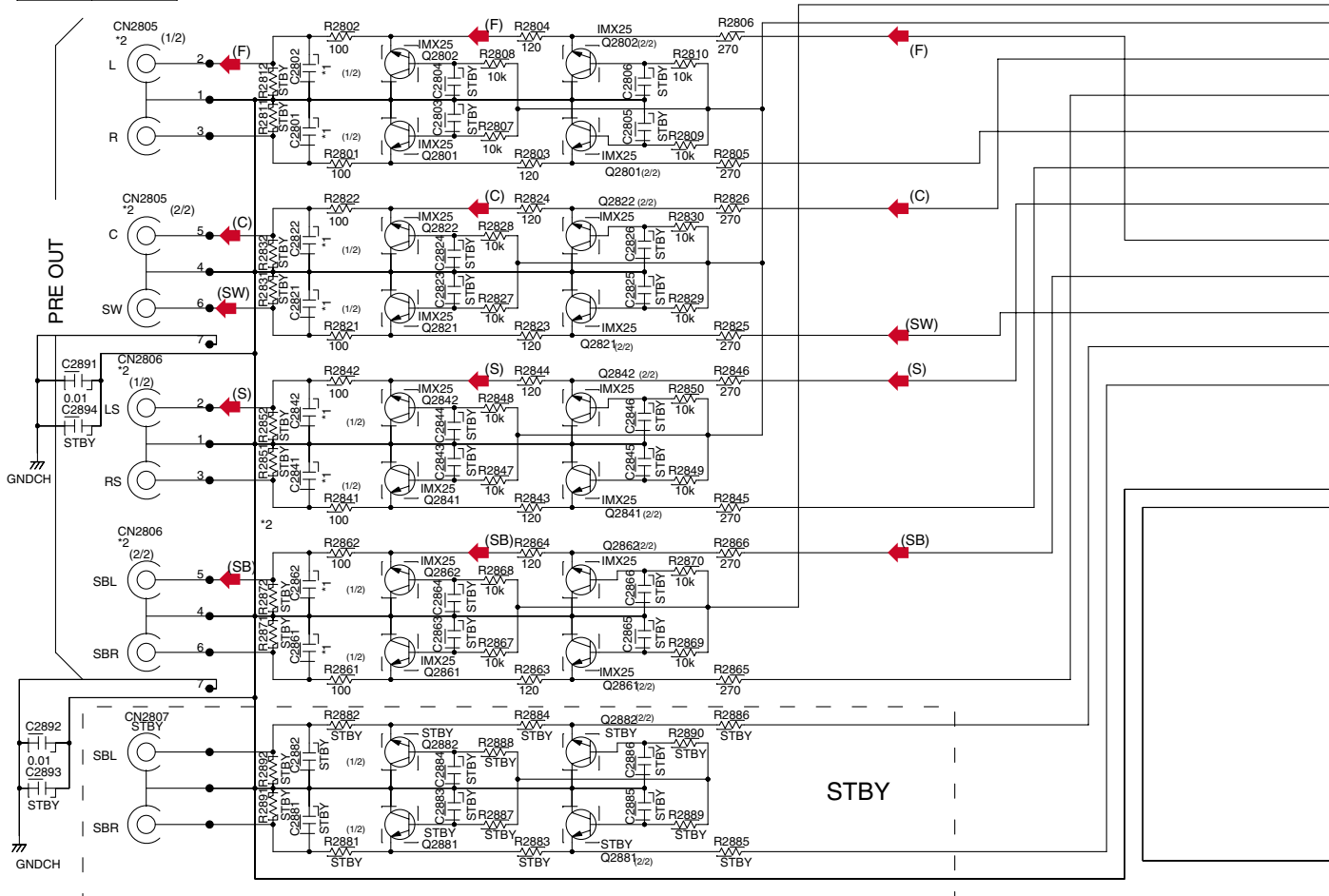
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
C	832	(A,78,74)	CKSSYB104K10	C	1251	(B,42,73)	CKSSYB104K10	
C	833	(A,78,71)	CKSSYB104K10	C	1252	(A,40,73)	CKSSYB104K10	
C	834	(A,78,68)	CKSSYB104K10	C	1301	(B,160,104)	CEVW101M16	A
C	835	(B,75,65)	CKSSYB104K10	C	1302	(B,151,104)	CEVW100M16	
C	836	(A,78,62)	CKSSYB104K10	C	1305	(A,166,109)	CEVW101M16	
C	837	(B,55,84)	CKSSYB103K16	C	1306	(A,138,110)	CCSRCH120J50	
C	838	(B,61,80)	CKSSYB103K16	C	1307	(A,143,110)	CCSRCH120J50	
C	881	(A,90,80)	CKSSYB104K10	C	1308	(A,128,94)	CKSSYB104K10	■
C	882	(A,102,75)	CKSSYB104K10	C	1309	(A,128,90)	CKSSYB104K10	
C	883	(A,102,66)	CKSSYB104K10	C	1310	(A,128,83)	CKSSYB104K10	
C	884	(A,102,57)	CKSSYB104K10	C	1311	(A,128,80)	CKSSYB104K10	
C	901	(B,52,33)	CKSSYB104K10	C	1312	(A,128,73)	CKSSYB104K10	
C	902	(B,47,33)	CKSSYB104K10	C	1313	(B,130,74)	CKSSYB103K16	
C	903	(B,45,33)	CKSSYB104K10	C	1314	(A,137,67)	CKSSYB105K6R3	B
C	904	(B,43,25)	CKSSYB104K10	C	1315	(A,140,66)	CKSSYB105K6R3	
C	905	(B,40,26)	CKSRYB105K10	C	1316	(A,146,66)	CKSSYB105K6R3	
C	908	(B,45,27)	CKSSYB104K10	C	1317	(A,150,66)	CKSSYB105K6R3	
C	911	(B,43,32)	CKSSYB104K10	C	1318	(A,154,66)	CKSSYB105K6R3	
C	912	(B,53,24)	CKSRYB105K10	C	1319	(B,159,76)	CKSSYB104K10	■
C	913	(B,47,24)	CKSSYB104K10	C	1320	(B,157,81)	CKSSYB104K10	
C	914	(B,45,24)	CKSSYB104K10	C	1321	(A,163,83)	CKSSYB104K10	
C	915	(B,43,20)	CKSSYB103K16	C	1322	(A,163,90)	CKSSYB104K10	
C	916	(B,50,42)	CEVW101M16	C	1323	(A,163,92)	CKSSYB104K10	
C	917	(B,59,40)	CEVW101M16	C	1324	(A,158,102)	CKSSYB104K10	
C	918	(B,51,28)	CKSRYB105K10	C	1325	(A,157,104)	CKSSYB104K10	C
C	919	(A,57,29)	CKSSYB104K10	C	1326	(A,156,102)	CKSSYB104K10	
C	951	(A,20,17)	CKSSYB104K10	C	1327	(A,154,104)	CKSSYB104K10	
C	1001	(B,77,35)	CEVW101M16	C	1328	(A,153,102)	CKSSYB104K10	
C	1002	(B,70,39)	CKSSYB104K10	C	1329	(A,152,104)	CKSSYB104K10	
C	1012	(B,101,36)	CKSRYB105K10	C	1330	(A,151,102)	CKSSYB104K10	■
C	1013	(B,85,36)	CKSRYB105K10	C	1331	(A,149,104)	CKSSYB104K10	
C	1014	(B,93,36)	CKSRYB105K10	C	1332	(A,148,102)	CKSSYB104K10	
C	1015	(B,100,34) CHIP CERAMIC C.	DCG1028	C	1333	(A,147,104)	CKSSYB104K10	
C	1016	(B,84,34)	CKSQYB225K10	C	1334	(A,144,102)	CKSSYB104K10	
C	1017	(B,92,34)	CKSQYB225K10	C	1335	(B,140,96)	CKSSYB104K10	
C	1019	(A,85,46)	DCH1201	C	1336	(A,137,102)	CKSSYB104K10	D
C	1020	(A,83,50)	DCH1201	C	1351	(B,162,69) CHIP OS CAPACITOR	ACH7174	
C	1021	(A,89,45) CHIP CERAMIC C.	CCSRCH821J25	C	1352	(B,135,78)	CKSSYB105K6R3	
C	1052	(A,64,29)	CKSQYB105K16	C	1353	(B,136,78)	CKSSYB105K6R3	
C	1053	(A,68,24)	CKSQYB105K16	C	1354	(B,139,78)	CKSSYB105K6R3	
C	1054	(B,64,30)	CKSSYB104K10	C	1355	(B,141,78)	CKSSYB105K6R3	■
C	1055	(B,68,35)	CEVW101M16	C	1356	(B,149,78)	CKSSYB105K6R3	
C	1056	(A,64,35)	CKSRYB224K16	C	1357	(B,152,78)	CKSSYB105K6R3	
C	1057	(B,61,18)	CKSSYB102K50	C	1358	(B,154,78)	CKSSYB105K6R3	
C	1058	(B,61,16)	CKSSYB104K10	C	1359	(B,156,78)	CKSSYB105K6R3	
C	1101	(B,35,84)	CEVW101M16	C	1360	(B,153,61)	CKSSYB105K6R3	E
C	1102	(A,31,84)	CKSSYB104K10	C	1361	(B,150,61)	CKSSYB105K6R3	
C	1103	(A,39,82)	CKSSYB104K10	C	1362	(B,141,62)	CKSSYB105K6R3	
C	1104	(A,41,90)	CKSSYB104K10	C	1363	(B,137,61)	CKSSYB105K6R3	
C	1105	(A,38,97)	CKSSYB104K10	C	1381	(B,123,71)	CKSSYB104K10	
C	1106	(A,29,97)	CKSSYB104K10	C	1382	(B,123,53)	CKSSYB104K10	
C	1107	(A,28,94)	CKSSYB104K10	C	1383	(B,126,62)	CKSSYB104K10	■
C	1108	(A,28,90)	CKSSYB104K10	C	2001	(A,27,112)	CKSSYB104K10	
C	1109	(A,28,86)	CKSSYB104K10	C	2002	(A,27,111)	CKSSYB102K50	
C	1201	(B,42,108)	CKSSYB104K10					
C	1202	(A,39,109)	CKSSYB104K10					
C	1203	(B,59,108)	CKSSYB104K10					F
C	1204	(A,56,109)	CKSSYB104K10					
C	1205	(B,31,110)	CKSSYB104K10					
C	1206	(B,49,110)	CKSSYB104K10					

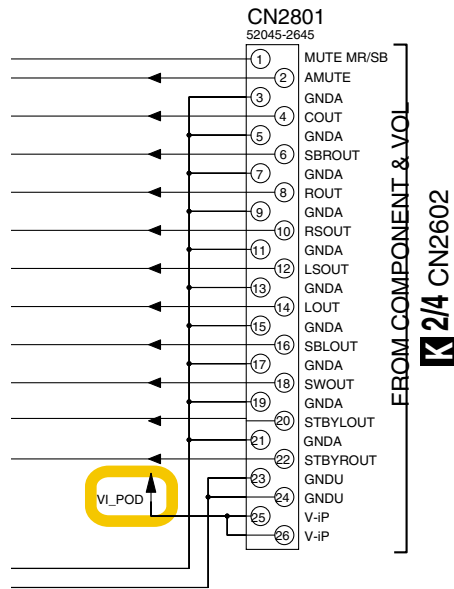
2. SCHEMATIC DIAGRAM

2.1 PREOUT & CONTROL ASSY

*2	XWZ4175
CN2805	AKB7172

PREOUT





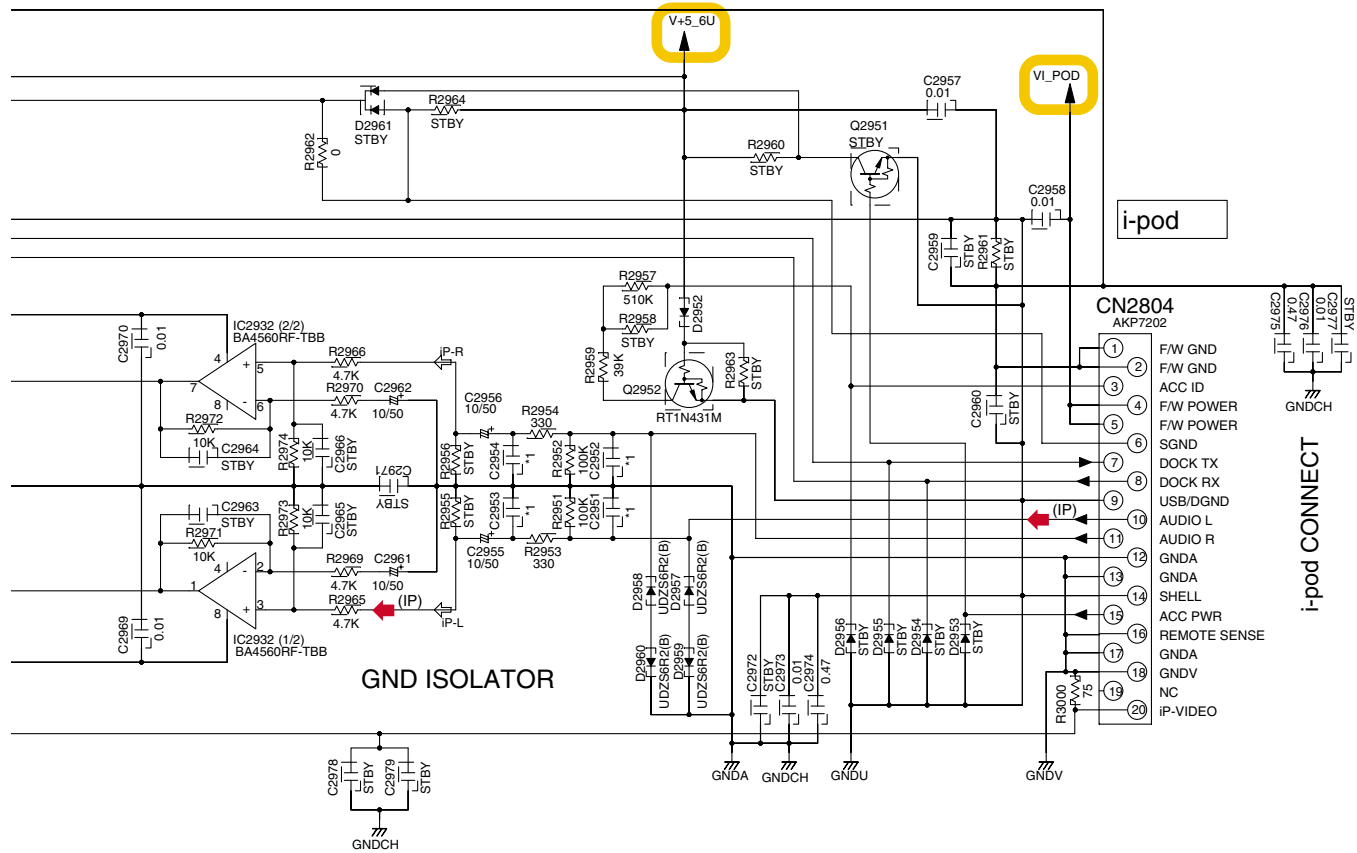
*1	XWZ4175
C2801, C2802 C2851, C2852 C2841, C2842 C2851, C2852 C2951, C2952 C2953, C2954	STBY

AE F PREOUT & CONTROL ASSY (XWZ4175)

NOTES

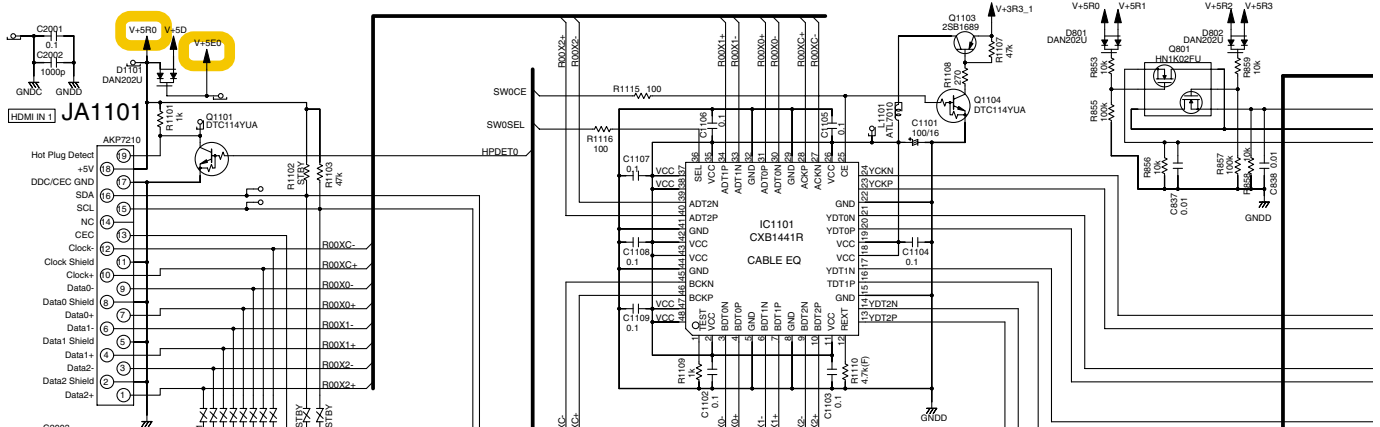
- 1.RESISTORS**
Unit: k- Ω , M-M Ω or Ω unless otherwise noted.
Rated power: 1/16W unless otherwise noted.
Tolerance: $\pm 5\%$ (J) unless otherwise noted.
- 2.CAPACITORS**
No marked Capacitors are CEAT or CKSRYB.
Unit: p-pF or μ F unless otherwise noted.
Rated Voltage: shown as "Capacity(μ F)/Voltage(V)", or 50V unless otherwise noted.
- 3.DIODES**
No marked Diodes are 1SS355.
* Parts or parts block marked by "STBY" are standby.

- (F) : AUDIO SIGNAL ROUTE (F)
(C) : AUDIO SIGNAL ROUTE (C)
(S) : AUDIO SIGNAL ROUTE (S)
(SB) : AUDIO SIGNAL ROUTE (SB)
(SW) : AUDIO SIGNAL ROUTE (SW)
(IP) : AUDIO SIGNAL ROUTE (IP)

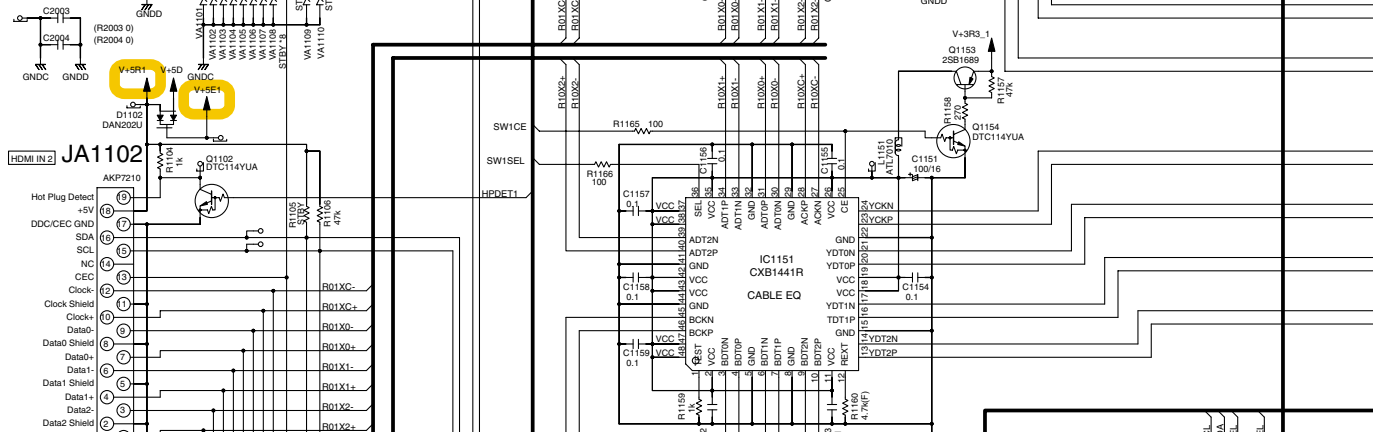


2.2 HDMI&1394 ASSY (1/5) (VSX-84TXSi)

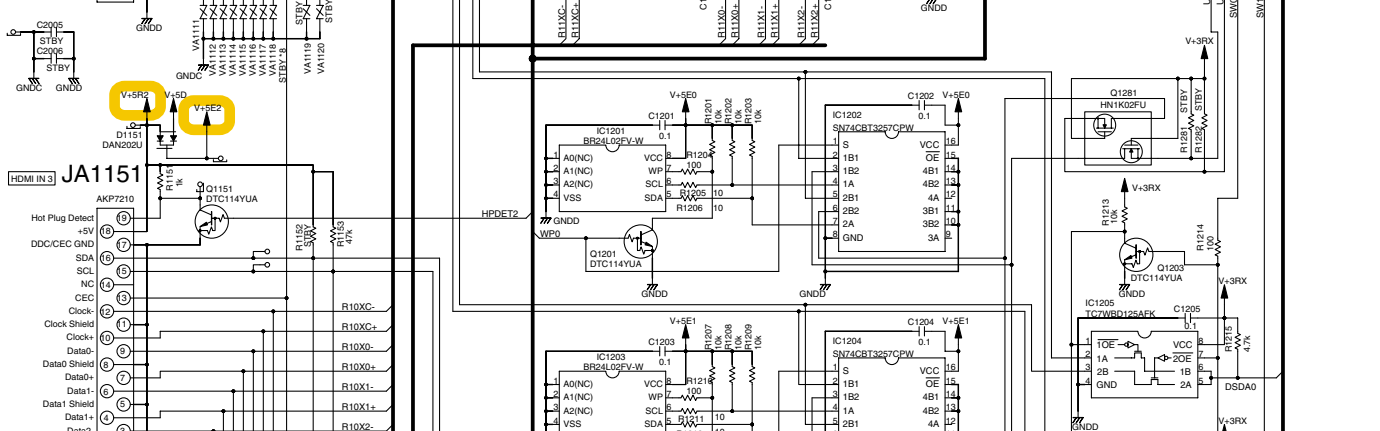
A



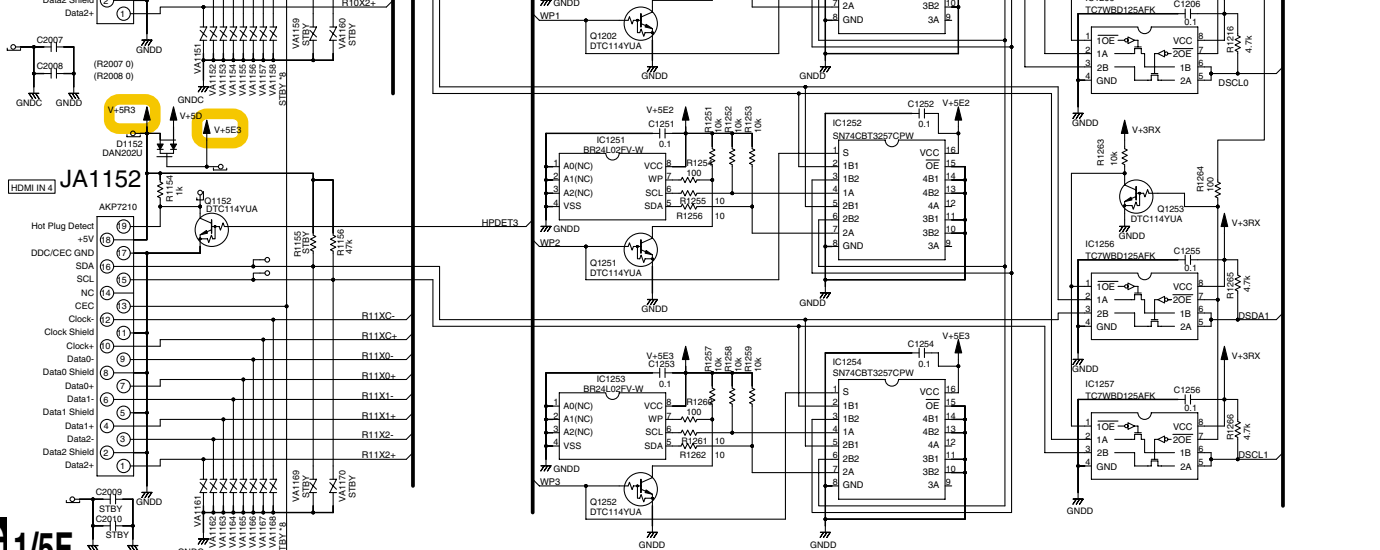
B



C

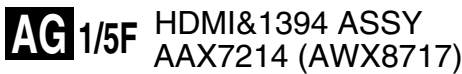


D



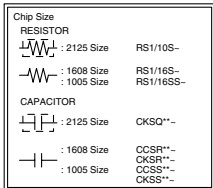
E

F

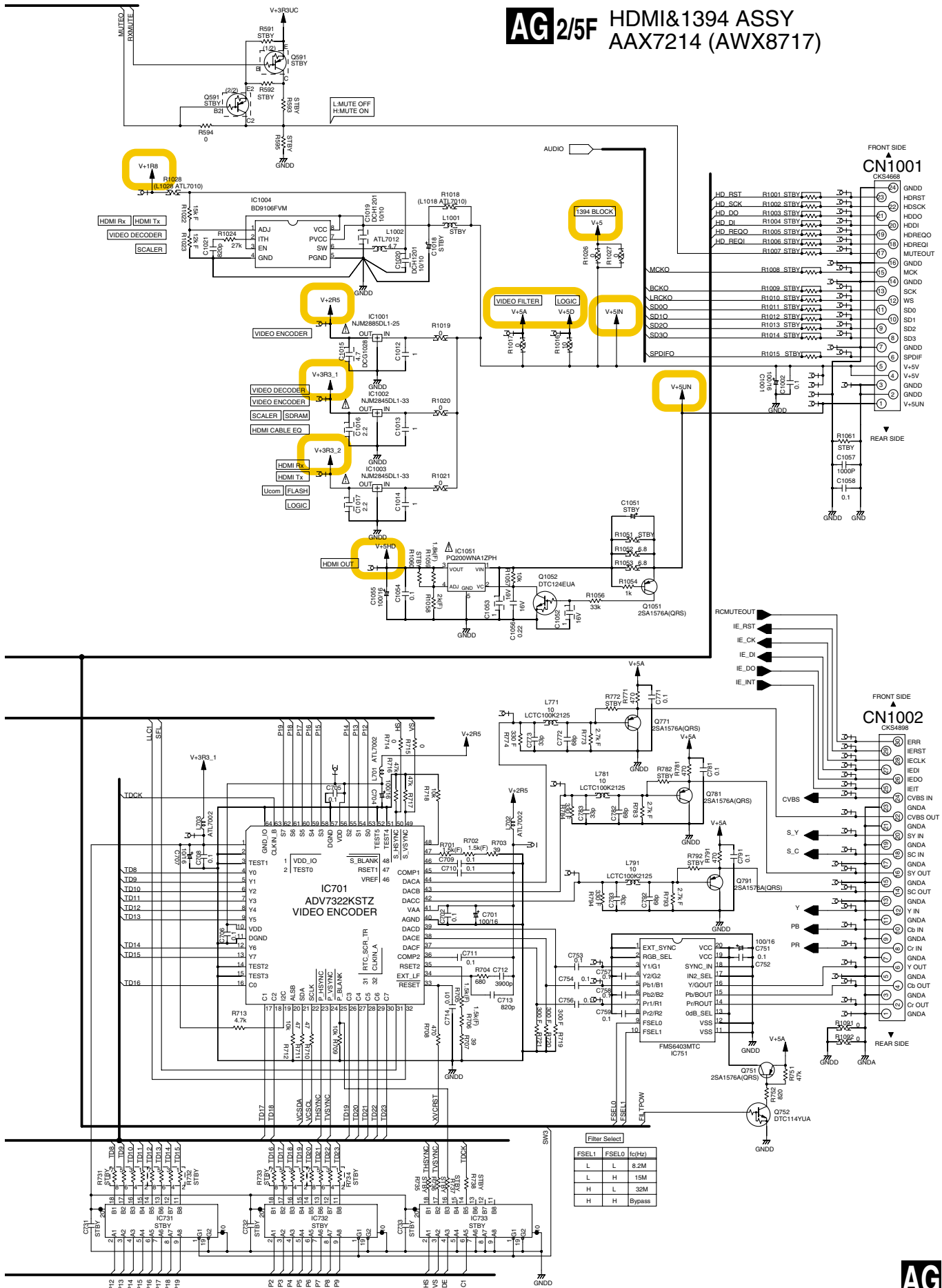


A

4



AG 2/5F HDMI&1394 ASSY AAX7214 (AWX8717)



AG 3/5F

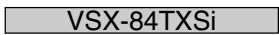
B

C

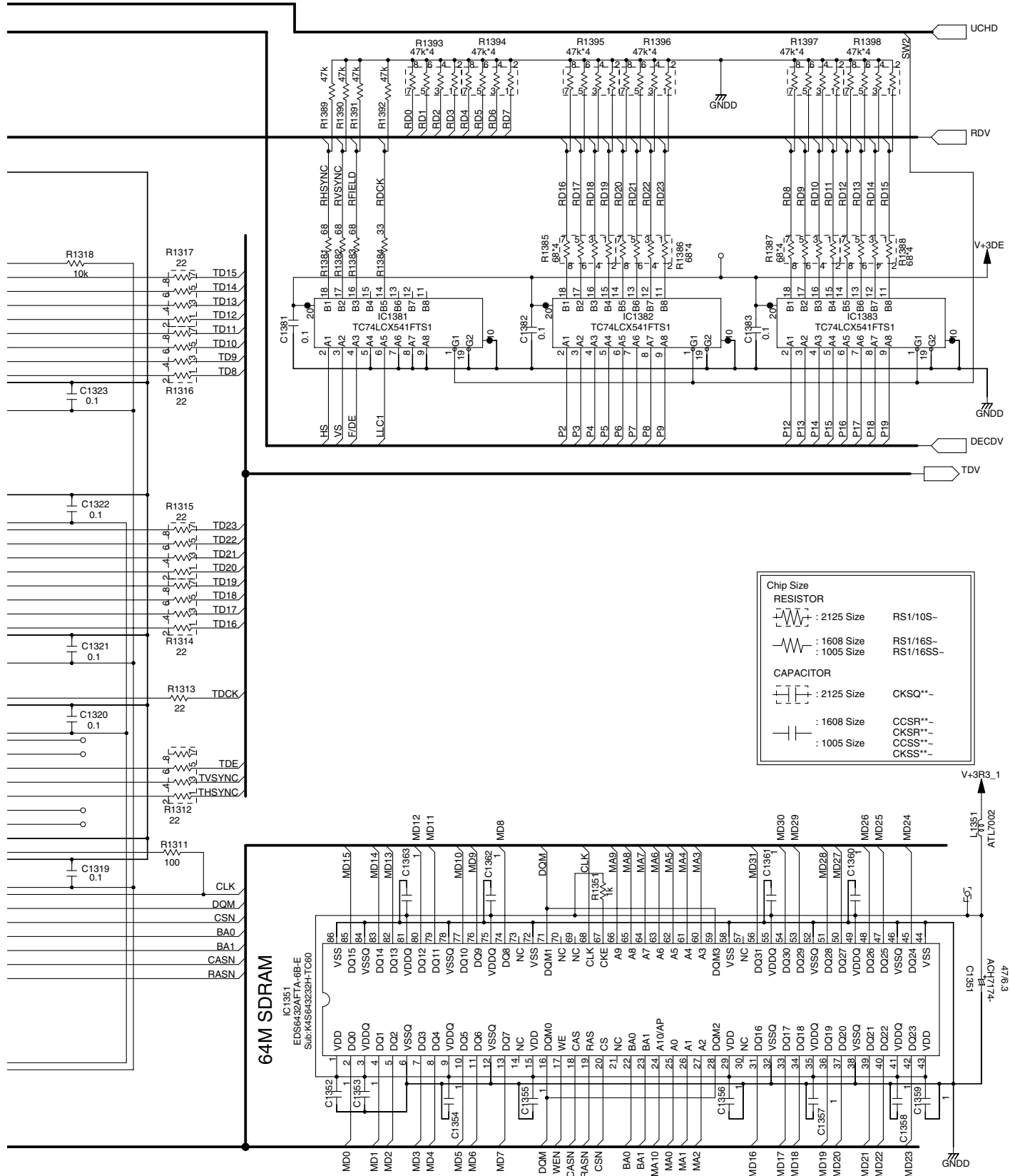
D

E

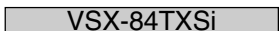
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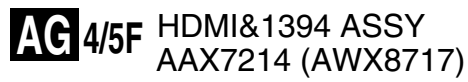


AG 3/5F HDMI&1394 ASSY AAX7214 (AWX8717)



AG 4/5F





GUID LABEL:VXW1005

IC301
FLOW CONTROL IC
PD8112A
(Gate Array)

Chip Size		
RESISTOR		
	: 2125 Size	RS1/10S-
	: 1608 Size	RS1/16S-
	: 1005 Size	RS1/16SS-
CAPACITOR		
	: 2125 Size	CKSQ**--
	: 1608 Size	CCSR**--
	: 1005 Size	CCSR**--
		CCSS**--
		CKSS**--

DSGAIN

SEL4FS

XINIT

SEL_DTYPE1

SEL_DTYPE0

IE_CK

IE_RST

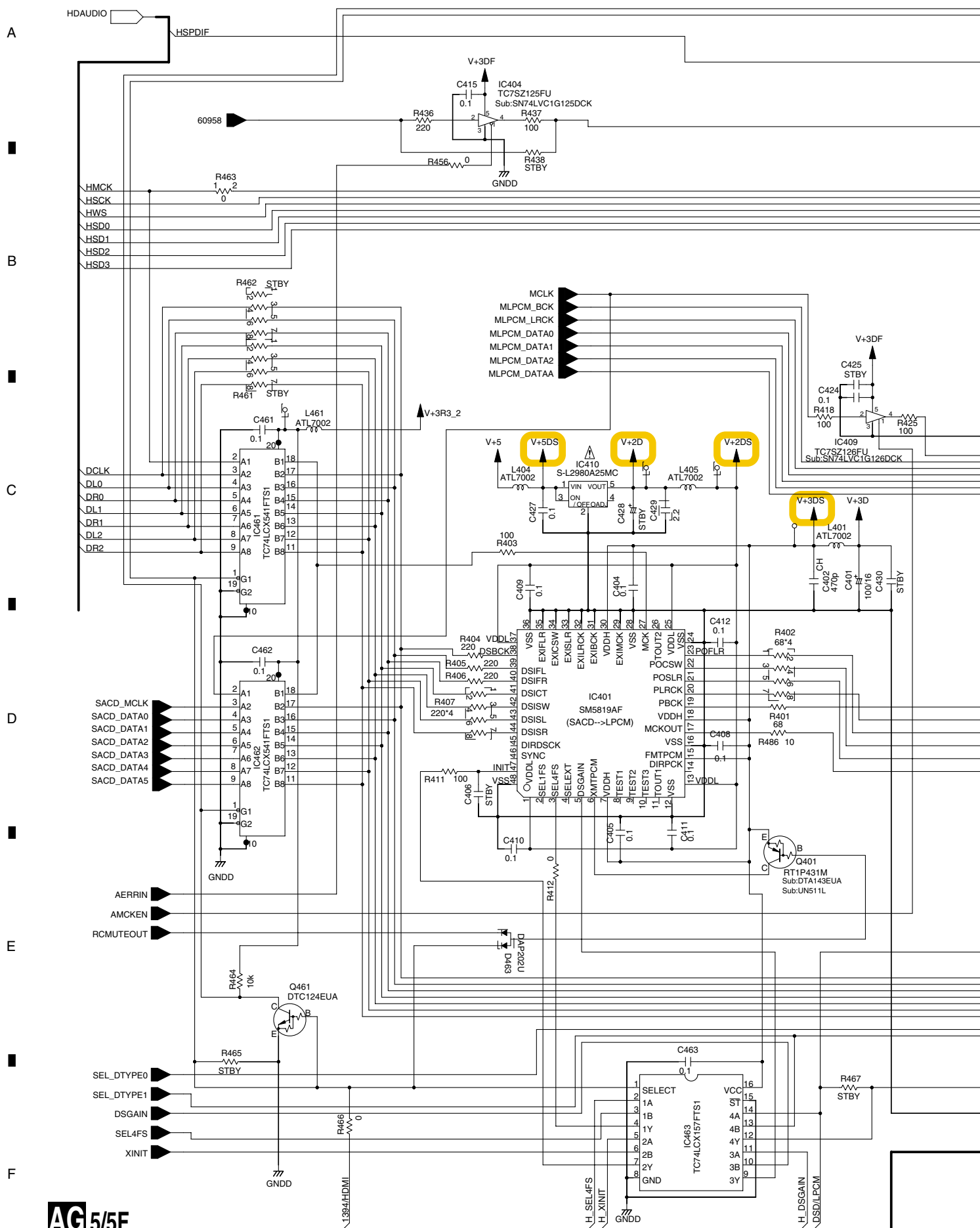
IE_DI

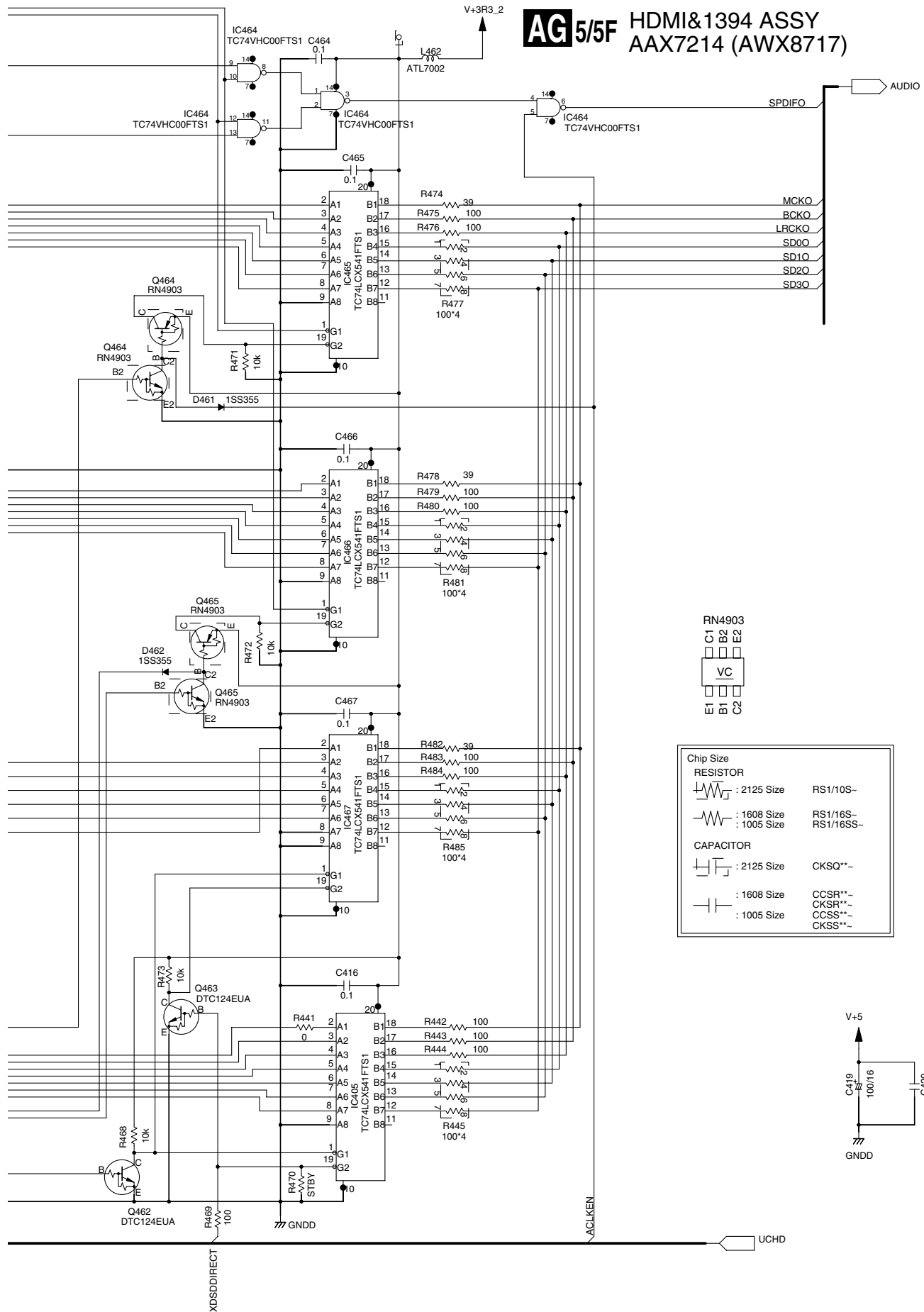
IE_DO

IE_INT

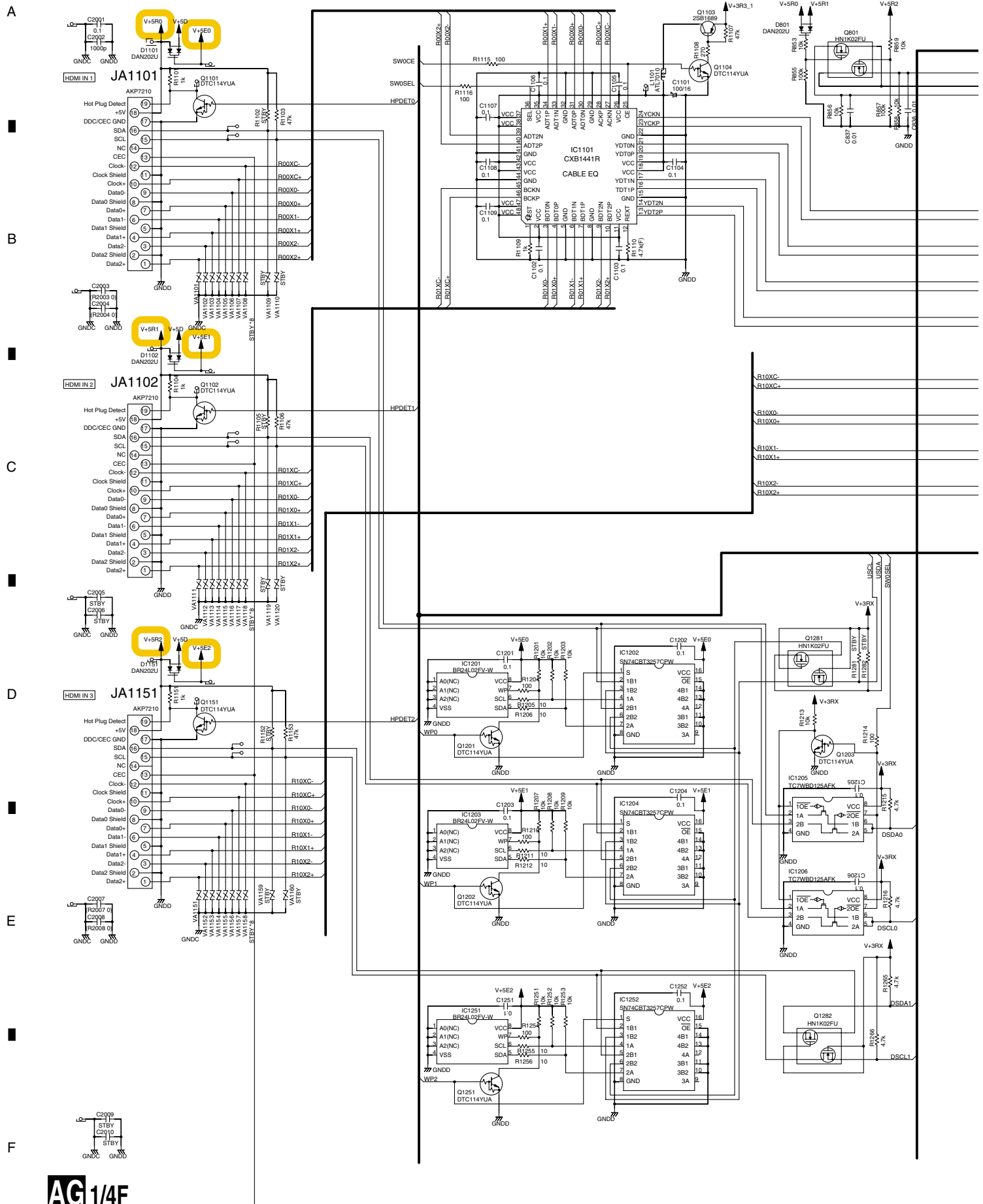
AG 4/5F

2.6 HDMI&1394 ASSY (5/5) (VSX-84TXSi)





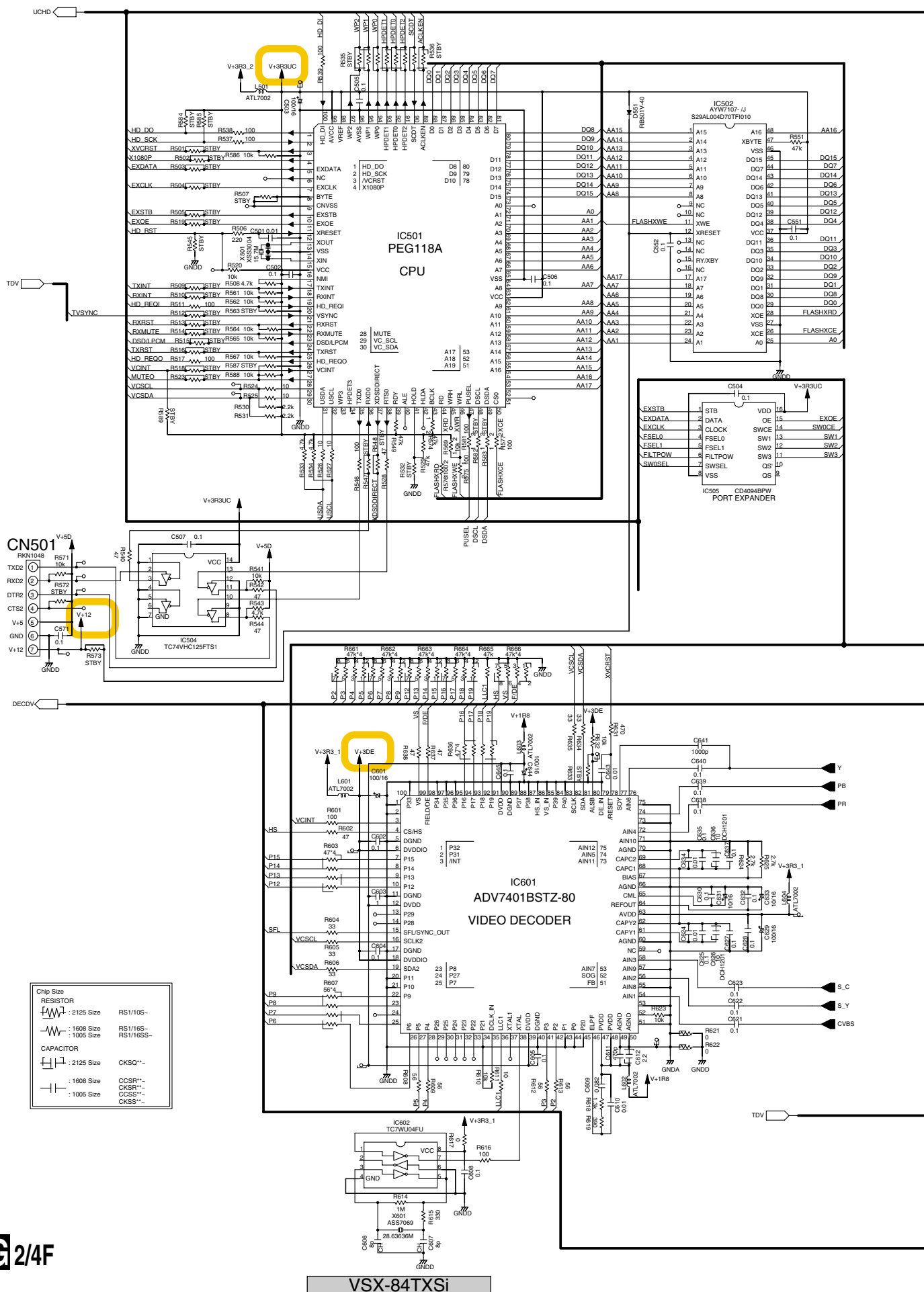
2.7 HDMI&DVC ASSY (1/4) (VSX-82TXS)



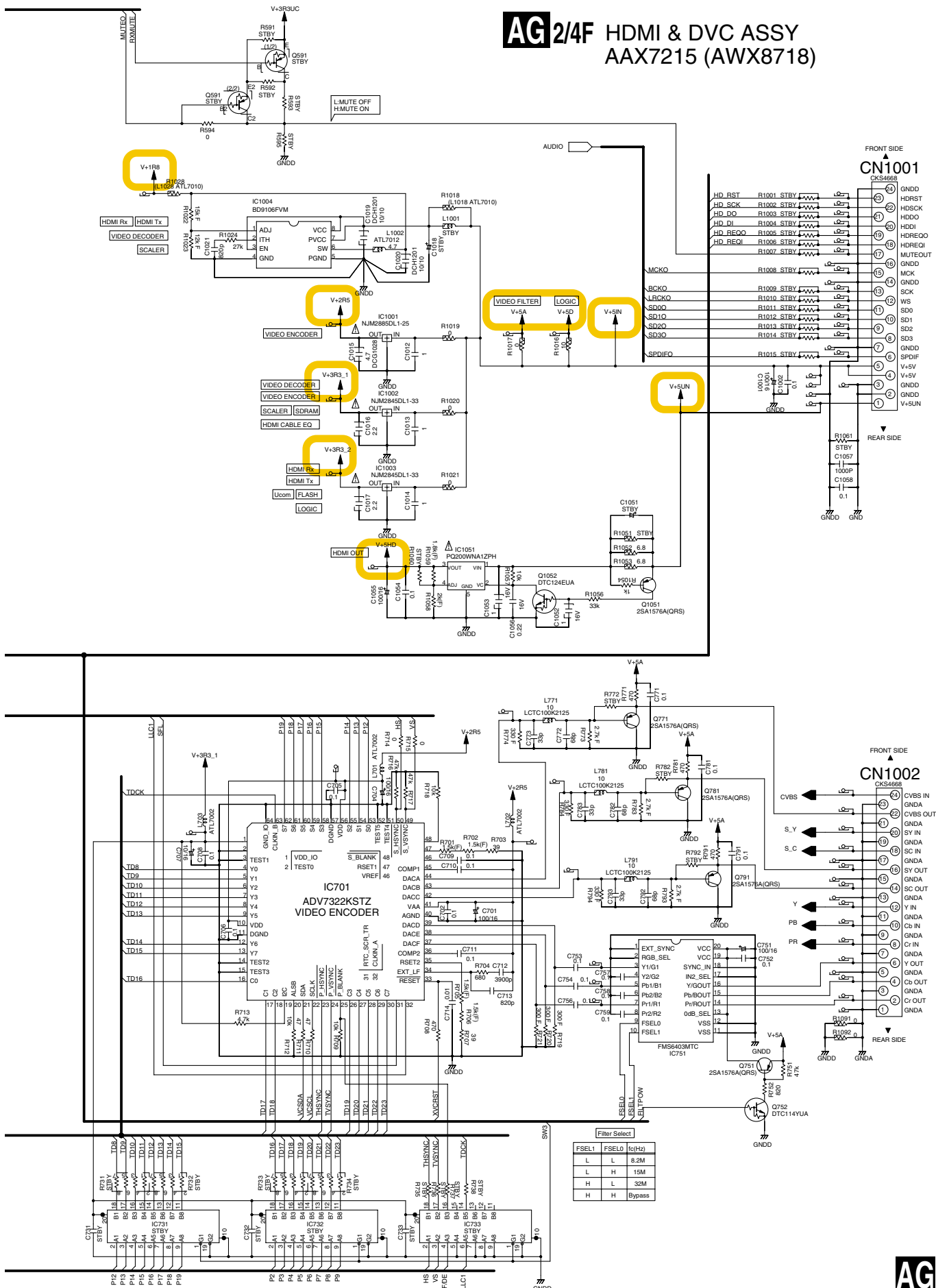
A



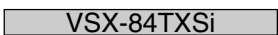
F



AG 2/4F HDMI & DVC ASSY AAX7215 (AWX8718)



38

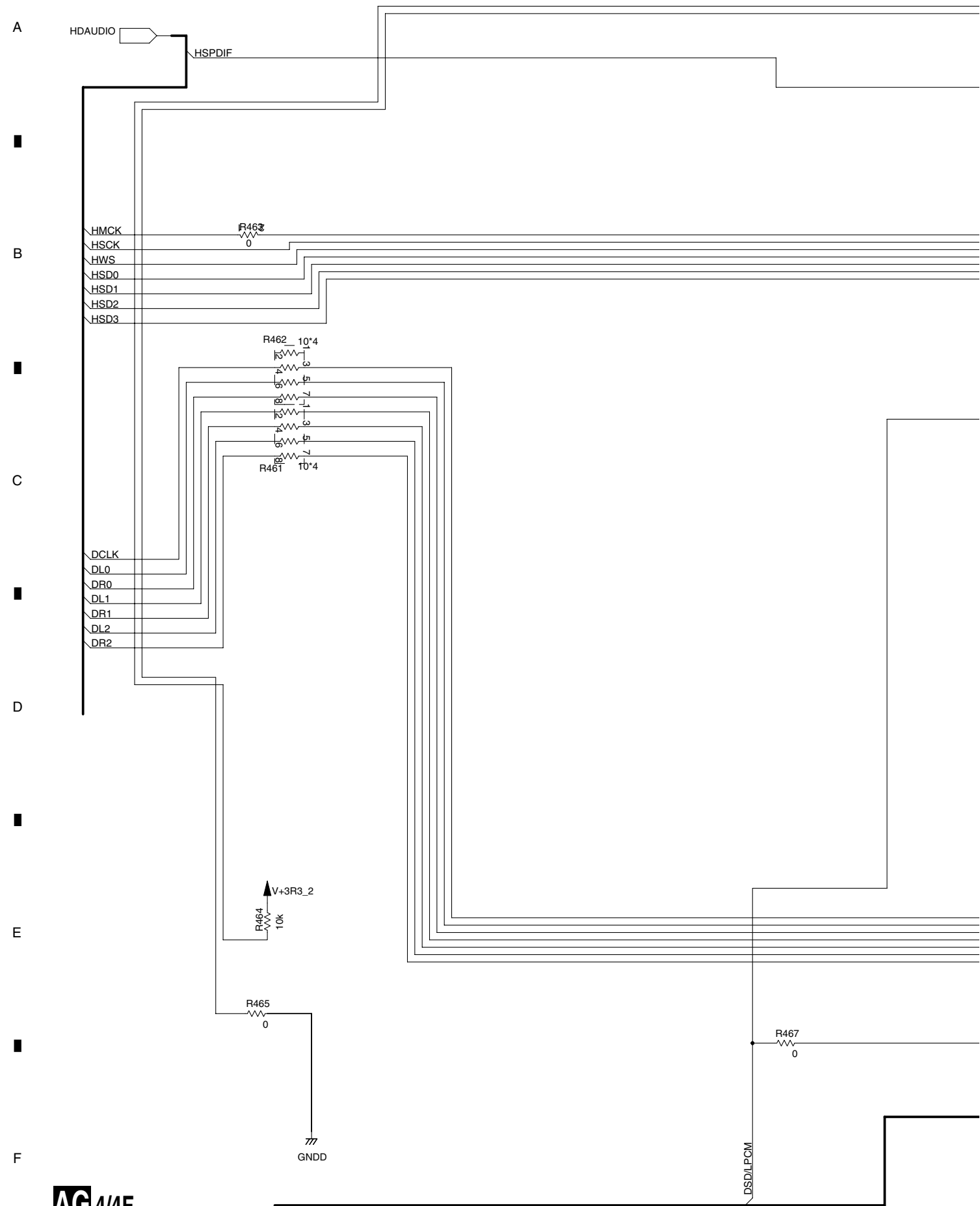


A

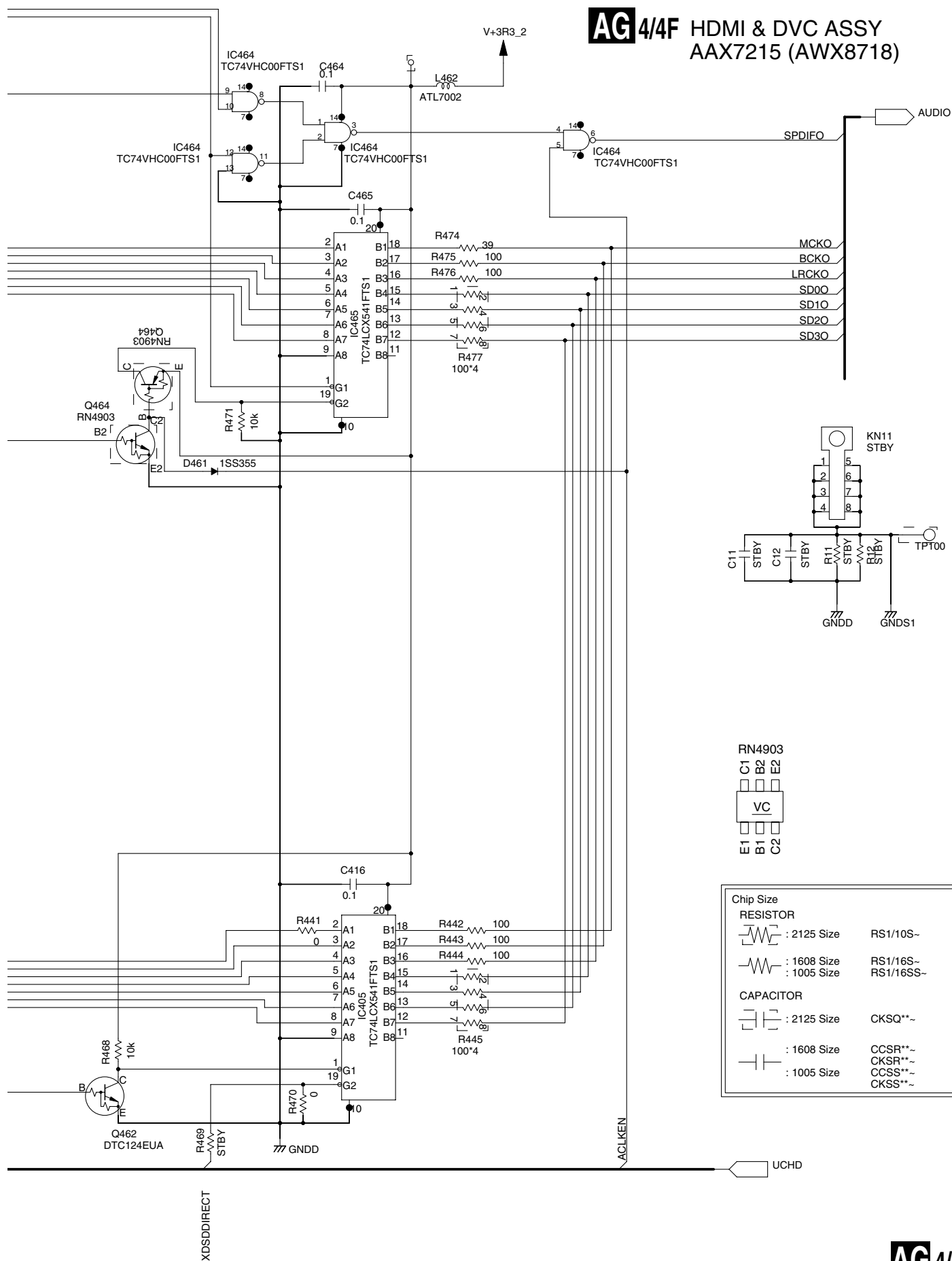


39

2.10 HDMI&DVC ASSY (4/4) (VSX-82TXS)



AG 4/4F HDMI & DVC ASSY AAX7215 (AWX8718)



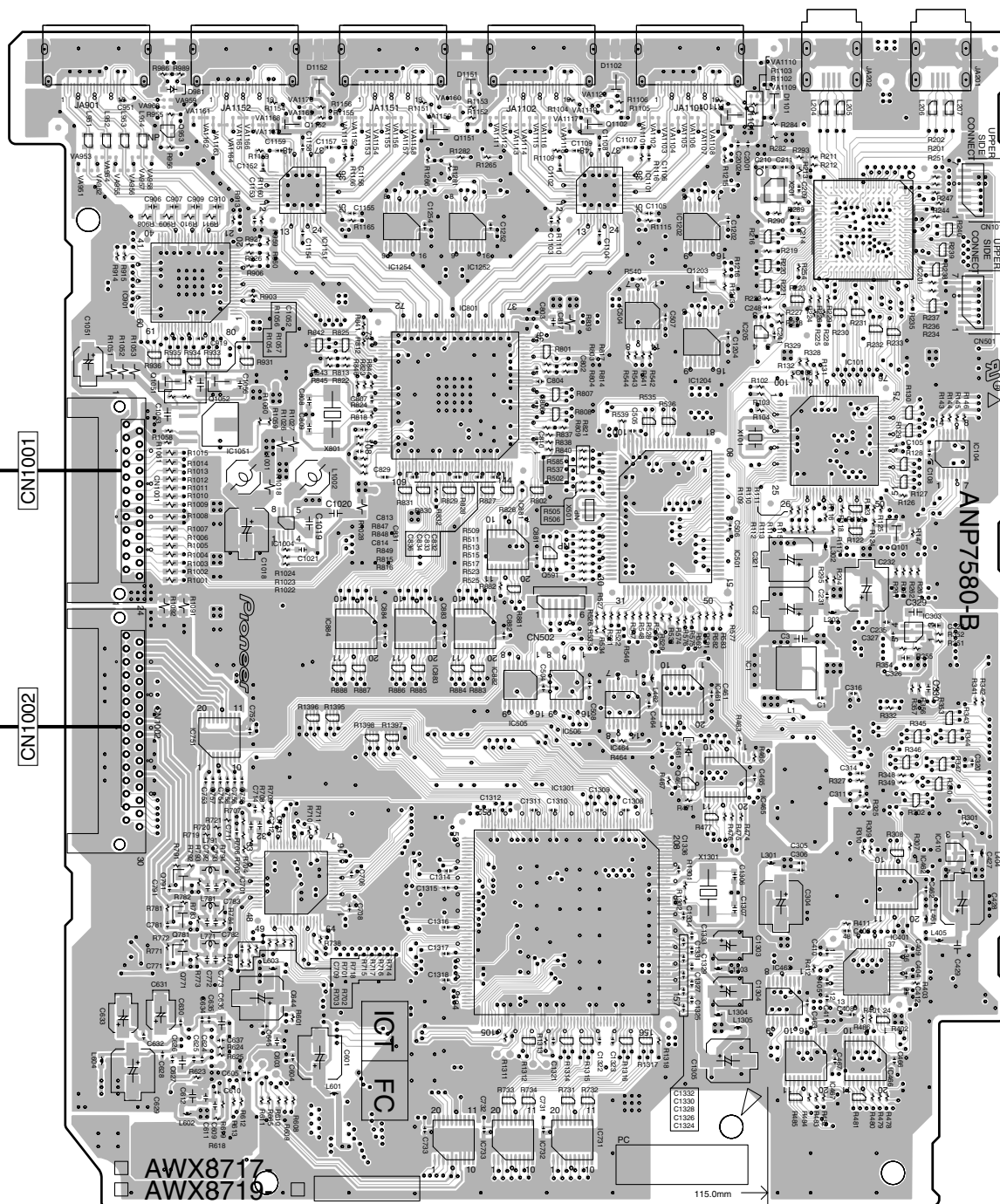
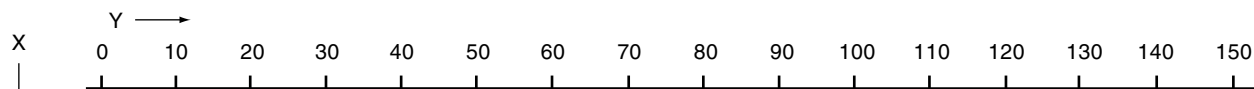
3. PCB CONNECTION DIAGRAM

3.1 HDMI&1394 ASSY (VSX-84TXSi)

SIDE A

AGF HDMI&1394 ASSY

SIDE A



(ANP7580-B)

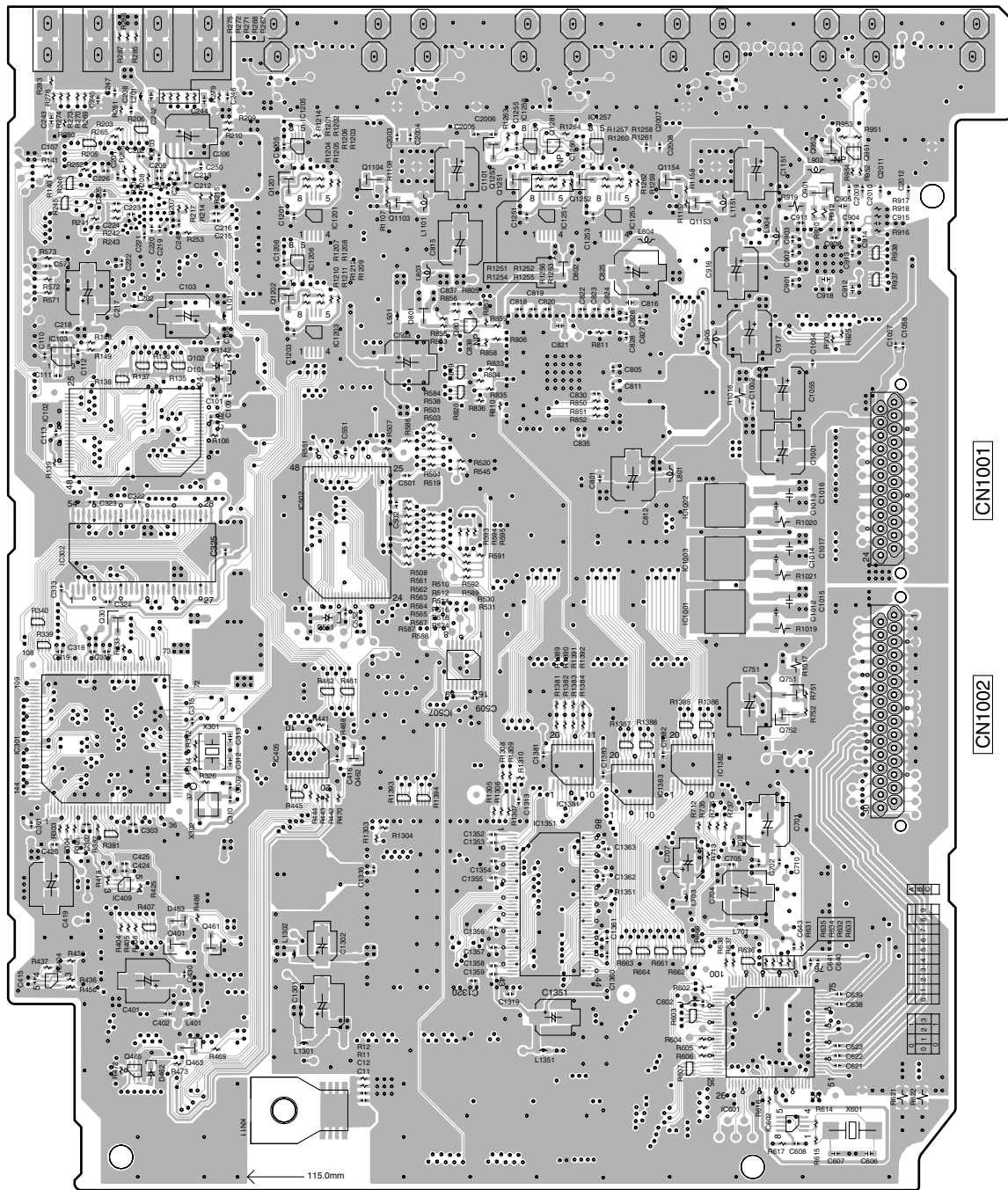
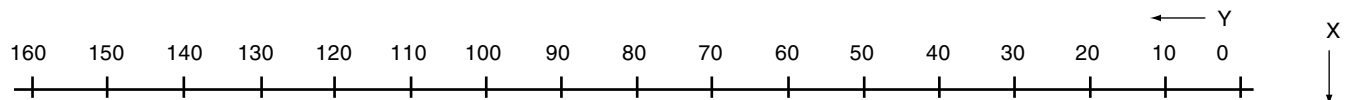
AGF

AGF

SIDE B

AGF HDMI&1394 ASSY

SIDE B



(ANP7580-B)

AGF

VSX-84TXSi

AGF

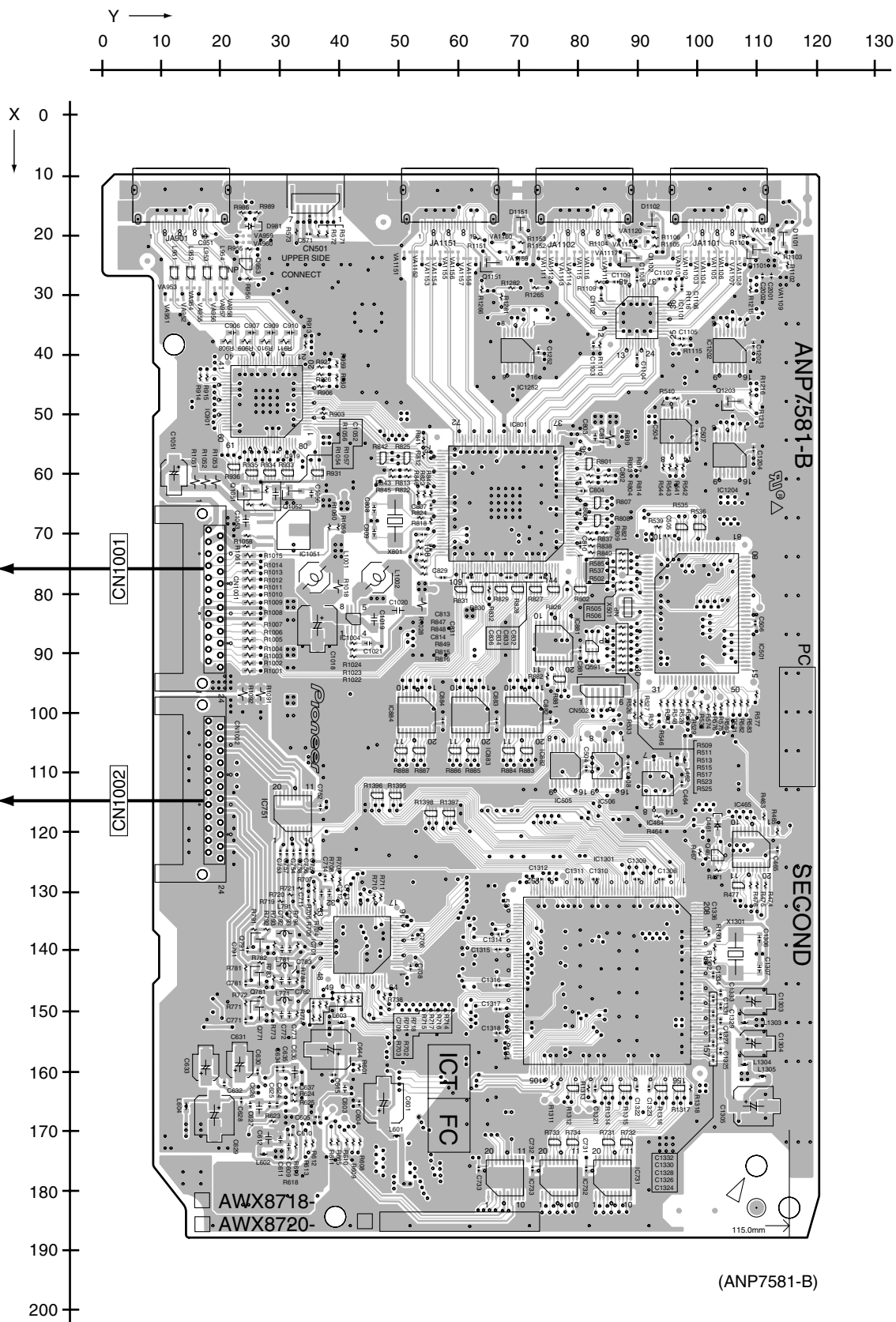
43

3.2 HDMI&DVC ASSY (VSX-82TXS)

SIDE A

AGF HDMI&DVC ASSY

SIDE A



(ANP7581-B)

AGF

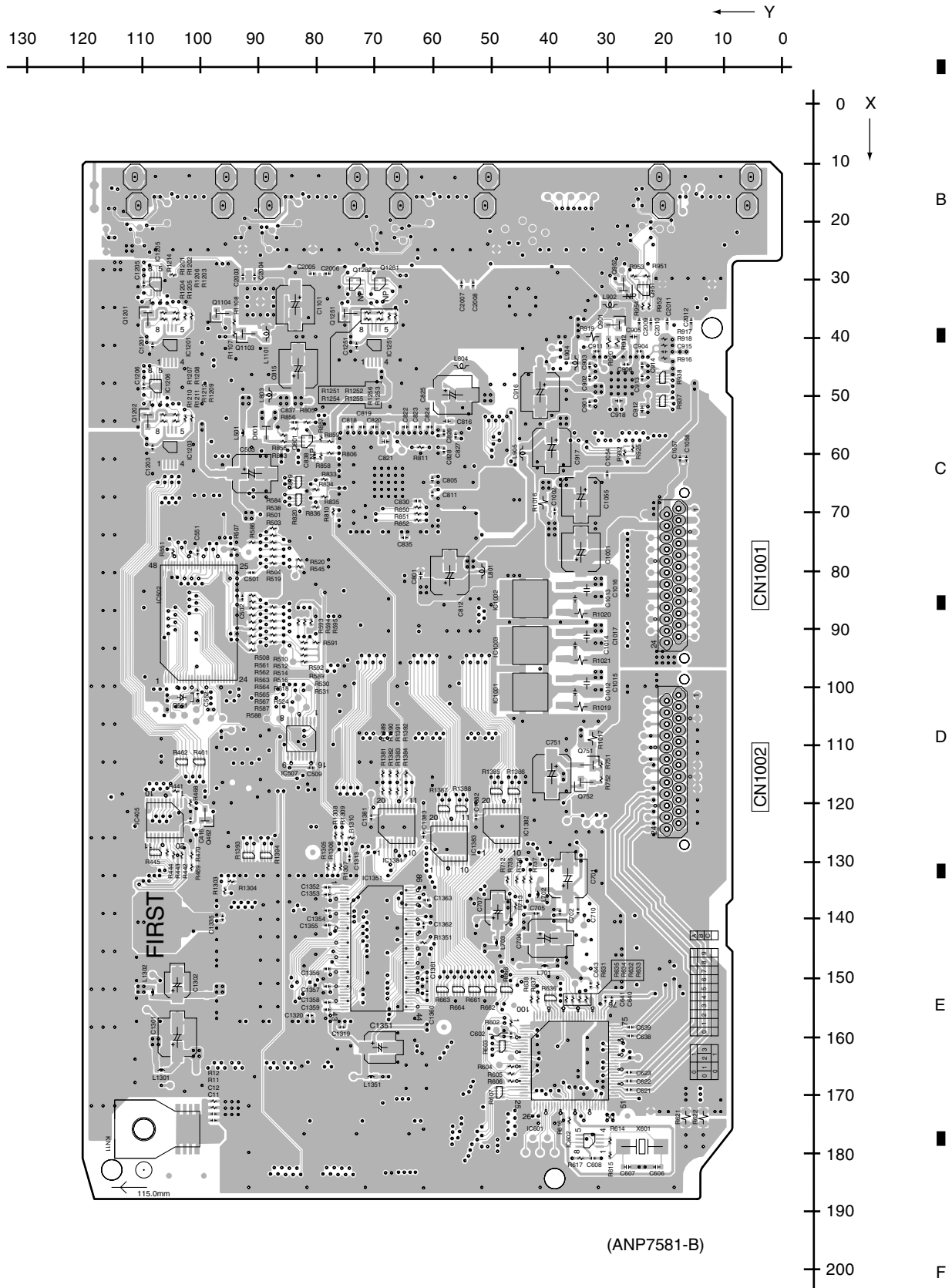
AGF

SIDE B

AGF HDMI&DVC ASSY

SIDE B

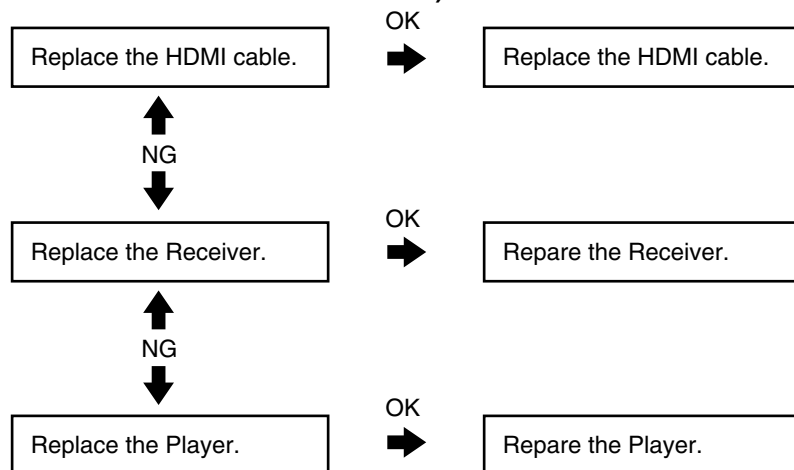
A



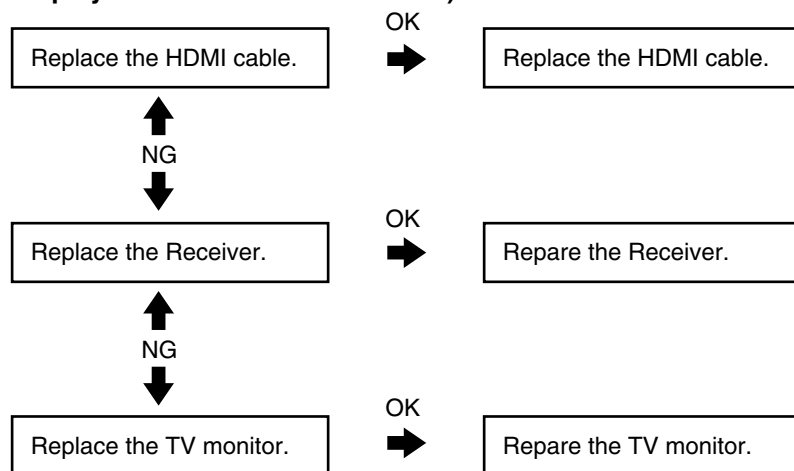
4. DIAGNOSIS METHOD OF HDMI ASSY (HDMI & 1394 and HDMI & DVC ASSY)

■ HDMI Simple Diagnosis

1. Causes for noncompletion of HDMI authentication between the source equipment and this unit (the HDMI indicator is unlit or flashes)

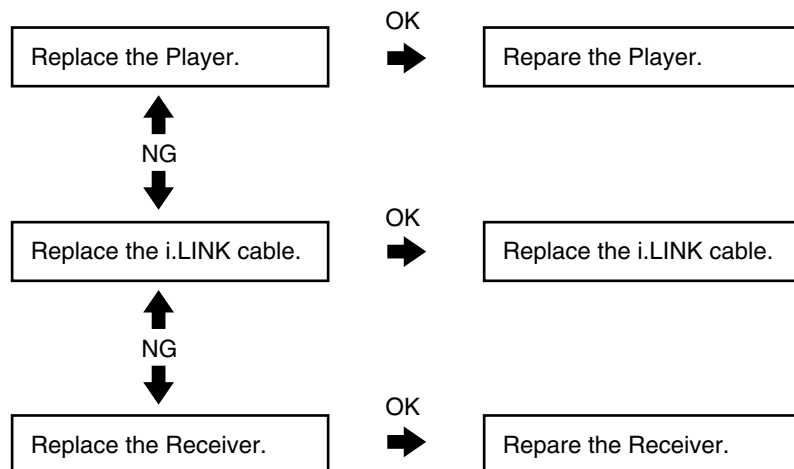


2. Causes for noncompletion of HDMI authentication between the monitor and this unit (no display or sound from the monitor)



■ 1394 Simple Diagnosis (VSX-84TXSi)

1. Causes that the i.LINK indicator is unlit or flashes



■ Preparations for diagnosis

Note : Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.

Jig cable (VSX-84TXSi)

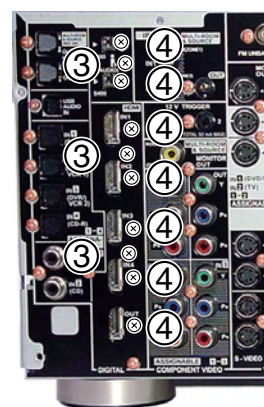
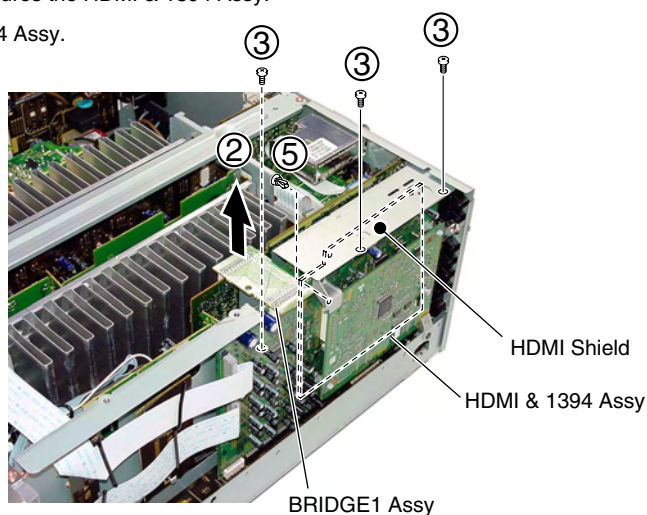
- 24P board to board extension jig cable (GGD1491)
- 30P board to board extension jig cable (GGD1492)

Jig cable (VSX-82TXS)

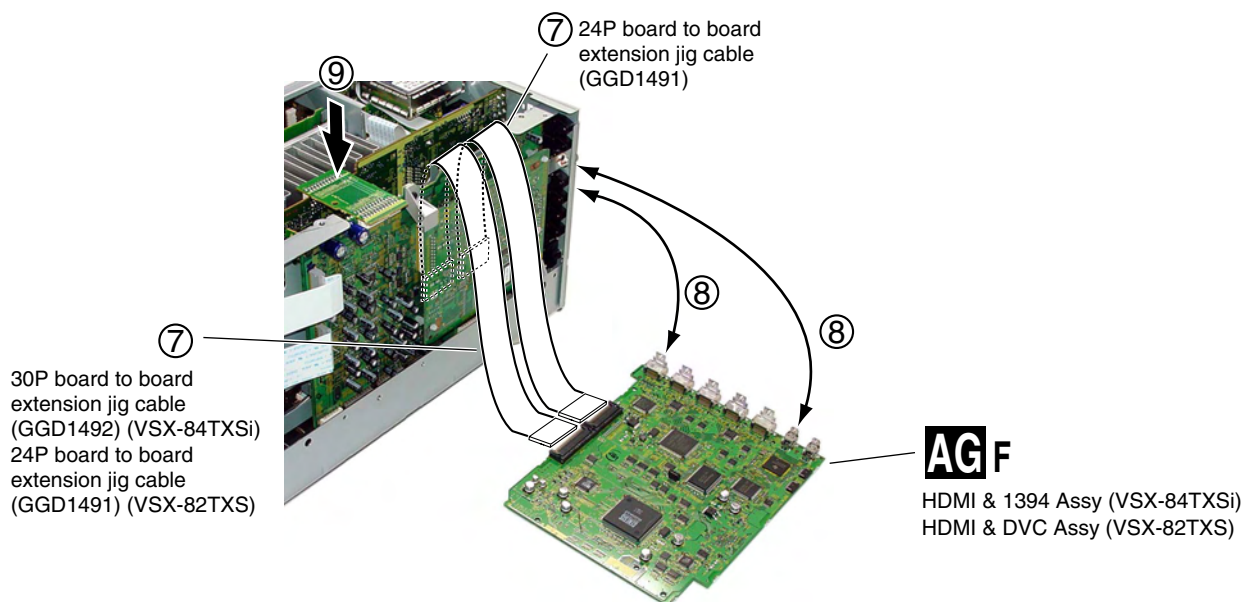
- 24P board to board extension jig cable (GGD1491) ×2

[Procedures]

- ① Remove the bonnet.
- ② Remove the BRIDGE1 Assy.
- ③ Remove the HDMI shield, first removing the six screws.
- ④ Remove the five screws that secure the HDMI connector to the rear panel.
Remove the two screws that secure the 1394 connector to the rear panel. (VSX-84TXSi)
- ⑤ Remove the rivet that secures the HDMI & 1394 Assy.
- ⑥ Remove the HDMI & 1394 Assy.



- ⑦ Connect the two extension jig cables.
- ⑧ Connect a cable between the HDMI connector and the chassis.
- ⑨ Connect the BRIDGE1 Assy.

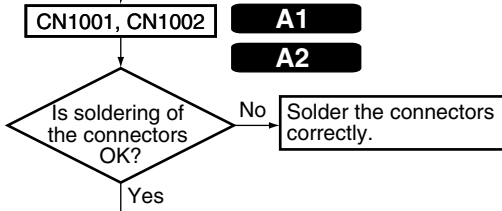


HDMI Troubleshooting

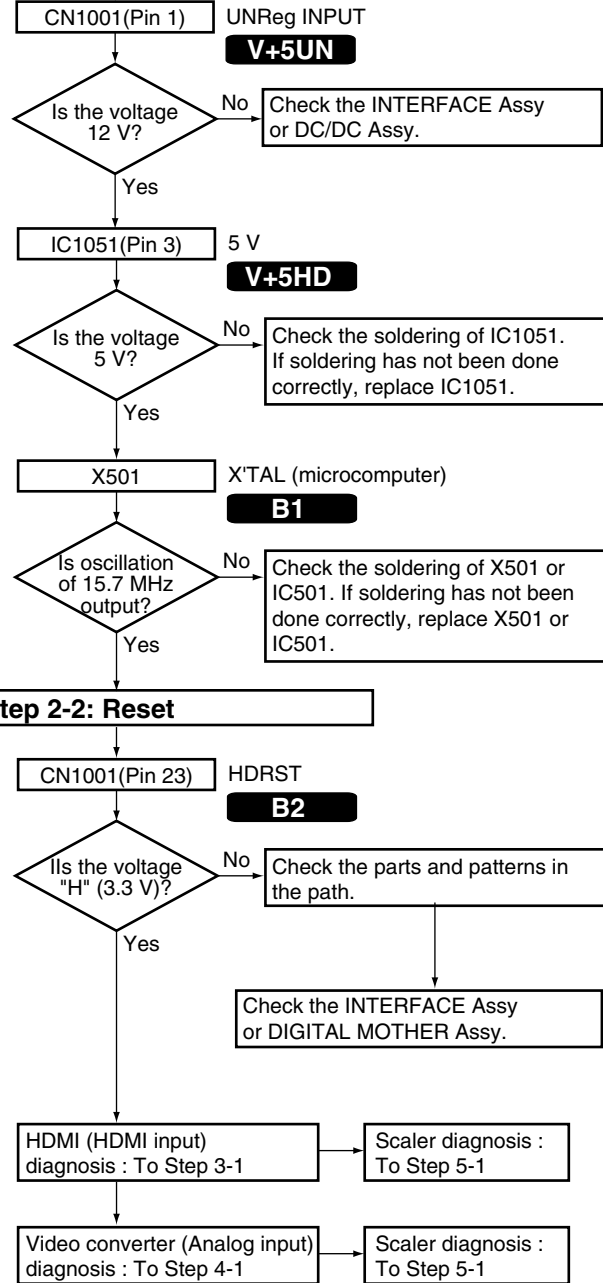
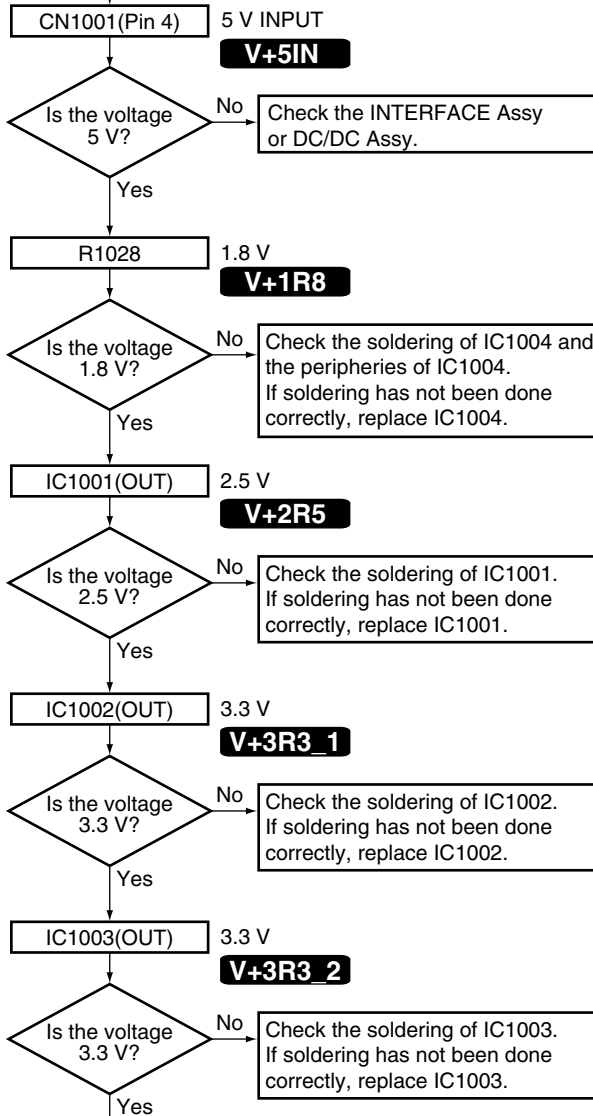
- The parts marked like **V+5** in the following chart are located in "HDMI & 1394 Assy Check Points".

Common section

Step 1: Connections

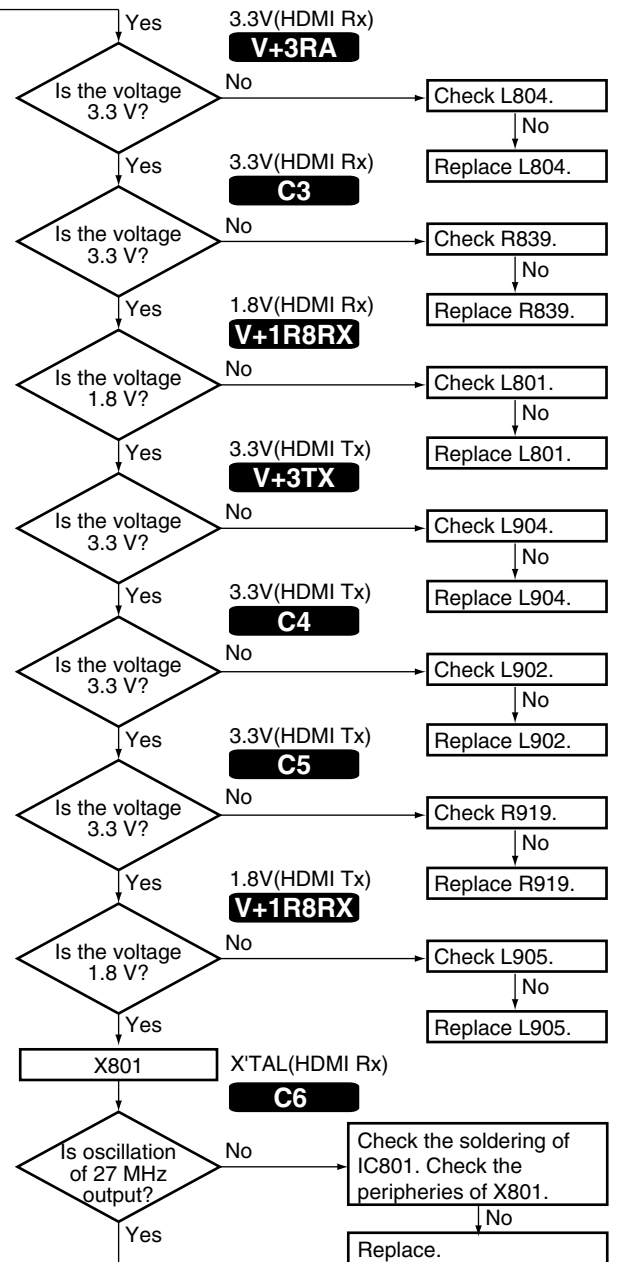
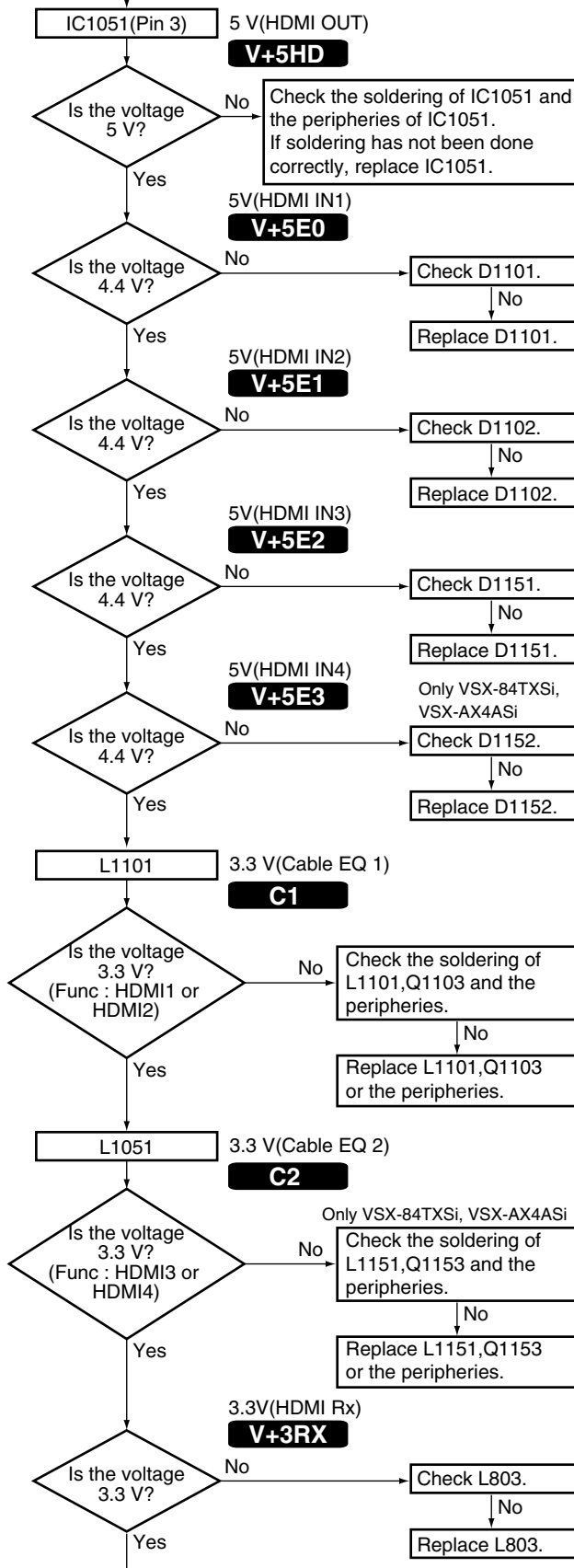


Step 2-1: Power supply, CLK

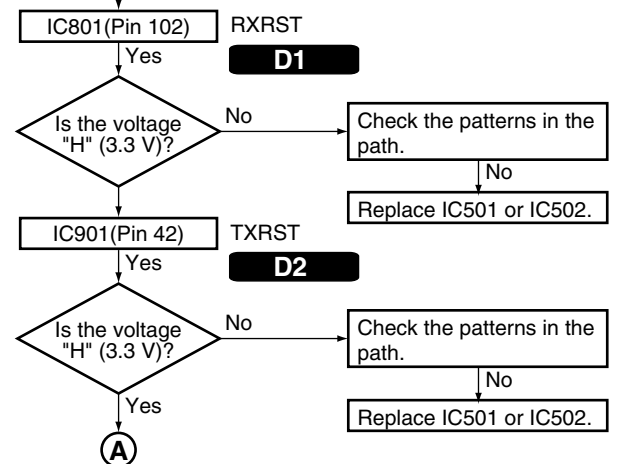


HDMI section

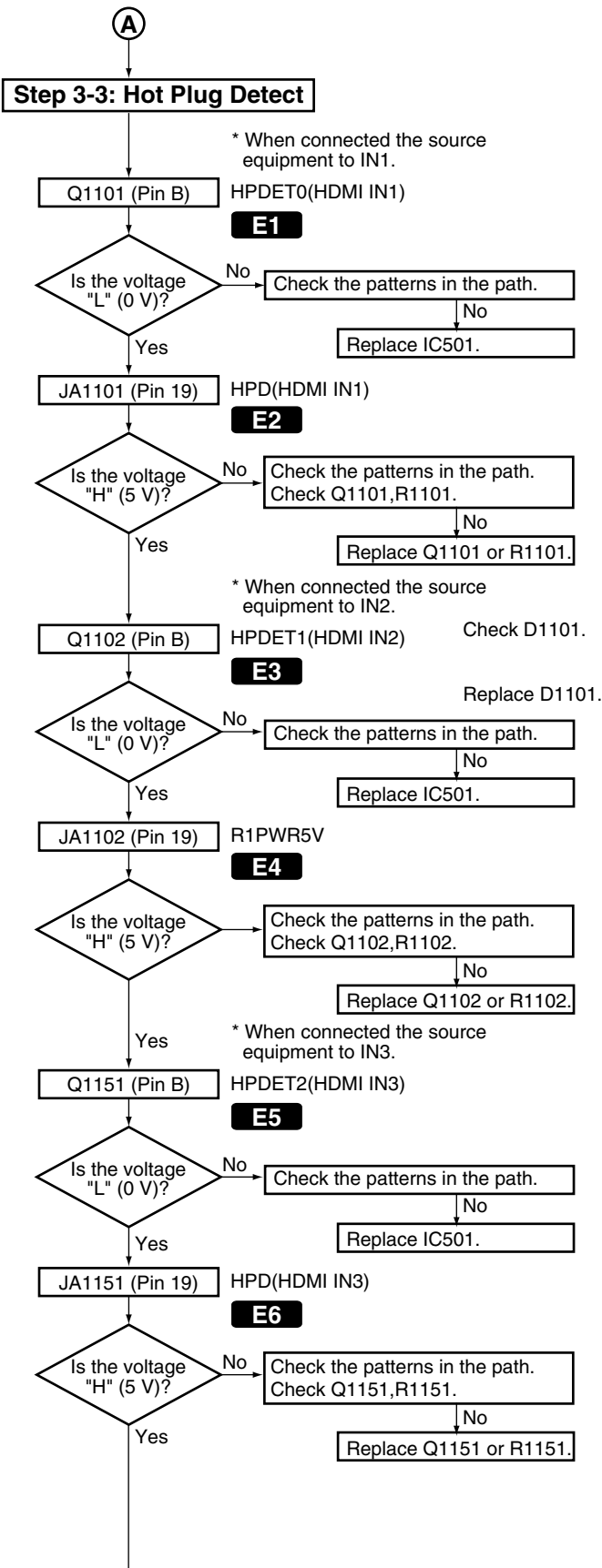
Step 3-1: Power supply, CLK



Step 3-2 : Reset



A



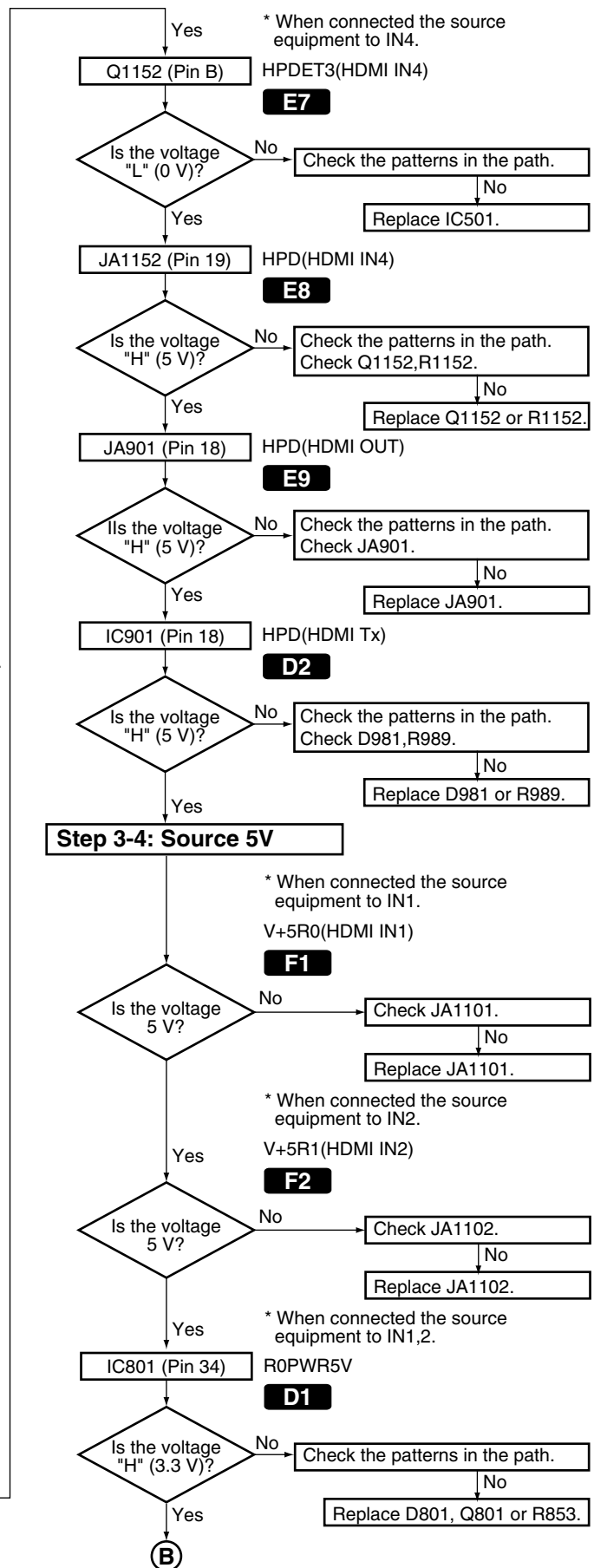
B

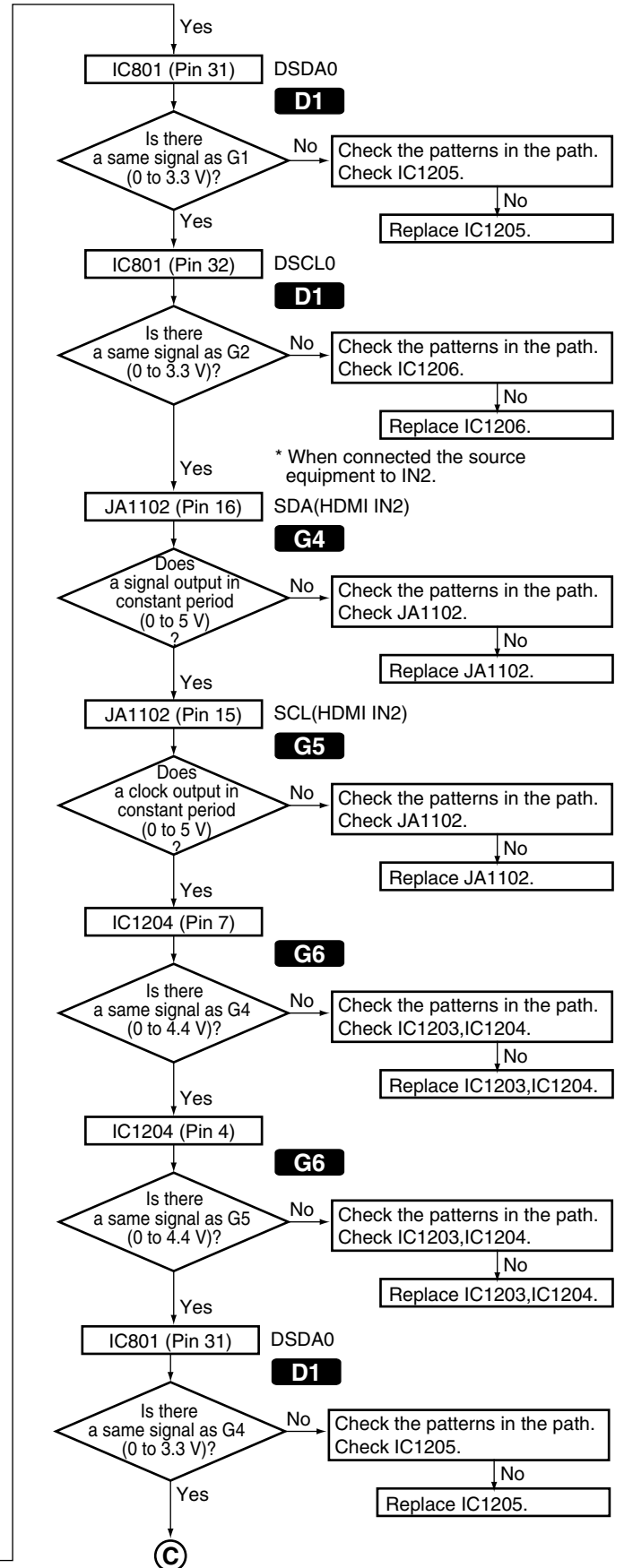
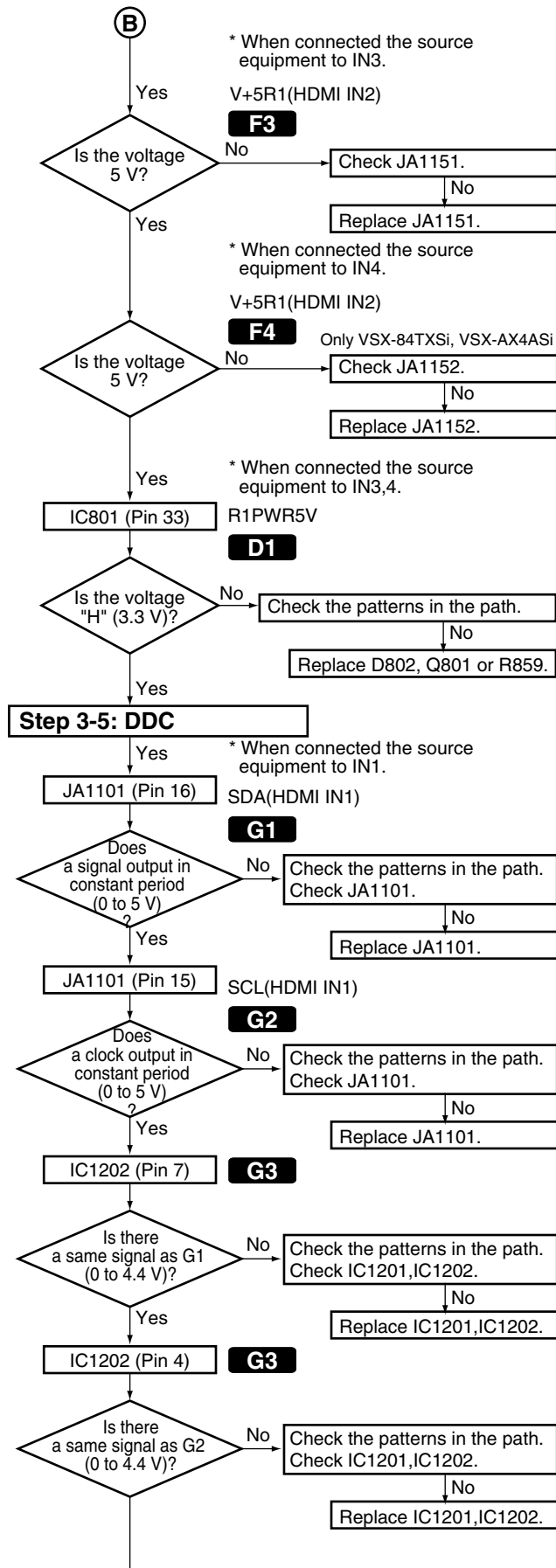
C

D

E

F





A

C

Yes

IC801 (Pin 32) DSCL0

D1Is there
a same signal as G5
(0 to 3.3 V)?

No

Check the patterns in the path.
Check IC1206.

Replace IC1206.

Yes

* When connected the source
equipment to IN3.

JA1151 (Pin 16) SDA(HDMI IN3)

G7Does
a signal output in
constant period
(0 to 5 V)?

No

Check the patterns in the path.
Check JA1151.

Replace JA1151.

Yes

JA1151 (Pin 15) SCL(HDMI IN3)

G8Does
a clock output in
constant period
(0 to 5 V)?

No

Check the patterns in the path.
Check JA1151.

Replace JA1151.

Yes

IC1252 (Pin 7) **G9**Is there
a same signal as G7
(0 to 4.4 V)?

No

Check the patterns in the path.
Check IC1251, IC1252.

Replace IC1251, IC1252.

Yes

IC1252 (Pin 4) **G9**Is there
a same signal as G8
(0 to 4.4 V)?

No

Check the patterns in the path.
Check IC1251, IC1252.

Replace IC1251, IC1252.

Yes

IC801 (Pin 29) DSDA1 Only VSX-84TXSi, VSX-AX4ASi

D1Is there
a same signal as G7
(0 to 3.3 V)?

No

Check the patterns in the path.
Check IC1256 (Q1282*).

Replace IC1256 (Q1282*).

* VSX-82TXS, VSX-AX2AS

Yes

IC801 (Pin 30) DSCL1

D1Is there
a same signal as G8
(0 to 3.3 V)?

No

Check the patterns in the path.
Check IC1257 (Q1282*).

Replace IC1257 (Q1282*).

* VSX-82TXS, VSX-AX2AS

Yes

B

C

D

E

F

Yes

JA1152 (Pin 16) SDA(HDMI IN4)

G10

Only VSX-84TXSi, VSX-AX4ASi

Does
a signal output in
constant period
(0 to 5 V)?

No

Check the patterns in the path.
Check JA1152.

Replace JA1152.

Yes

JA1152 (Pin 15) SCL(HDMI IN4)

G11

Only VSX-84TXSi, VSX-AX4ASi

Does
a clock output in
constant period
(0 to 5 V)?

No

Check the patterns in the path.
Check JA1152.

Replace JA1152.

Yes

IC1254 (Pin 7) **G12**

Only VSX-84TXSi, VSX-AX4ASi

Is there
a same signal as G10
(0 to 4.4 V)?

No

Check the patterns in the path.
Check IC1253, IC1254.

Replace IC1253, IC1254.

Yes

IC1254 (Pin 4) **G12**

Only VSX-84TXSi, VSX-AX4ASi

Is there
a same signal as G11
(0 to 4.4 V)?

No

Check the patterns in the path.
Check IC1253, IC1254.

Replace IC1253, IC1254.

Yes

IC801 (Pin 29) DSDA1

D1

Only VSX-84TXSi, VSX-AX4ASi

Is there
a same signal as G10
(0 to 3.3 V)?

No

Check the patterns in the path.
Check IC1256.

Replace IC1256.

Yes

IC801 (Pin 30) DSCL1

D1

Only VSX-84TXSi, VSX-AX4ASi

Is there
a same signal as G11
(0 to 3.3 V)?

No

Check the patterns in the path.
Check IC1257.

Replace IC1257.

Yes

JA901 (Pin 16) SDA(HDMI OUT)

G13Does
a signal output in
constant period
(0 to 5 V)?

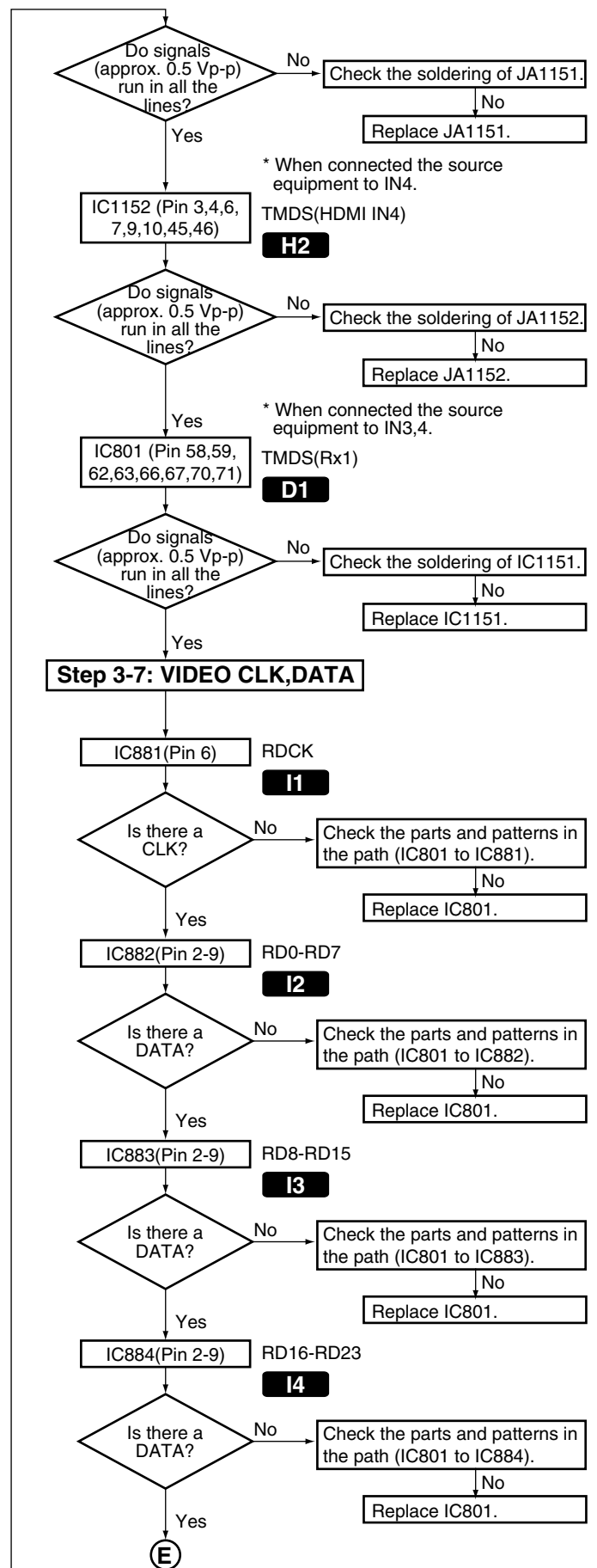
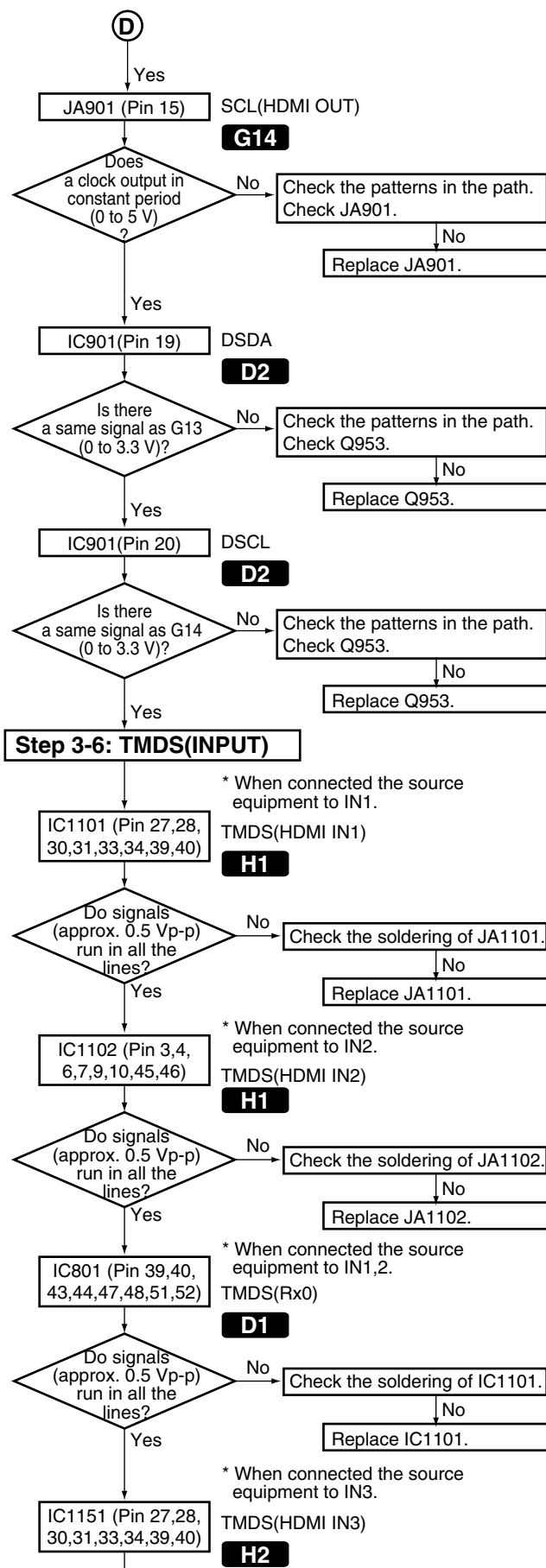
No

Check the patterns in the path.
Check JA901.

Replace JA901.

Yes

D



A

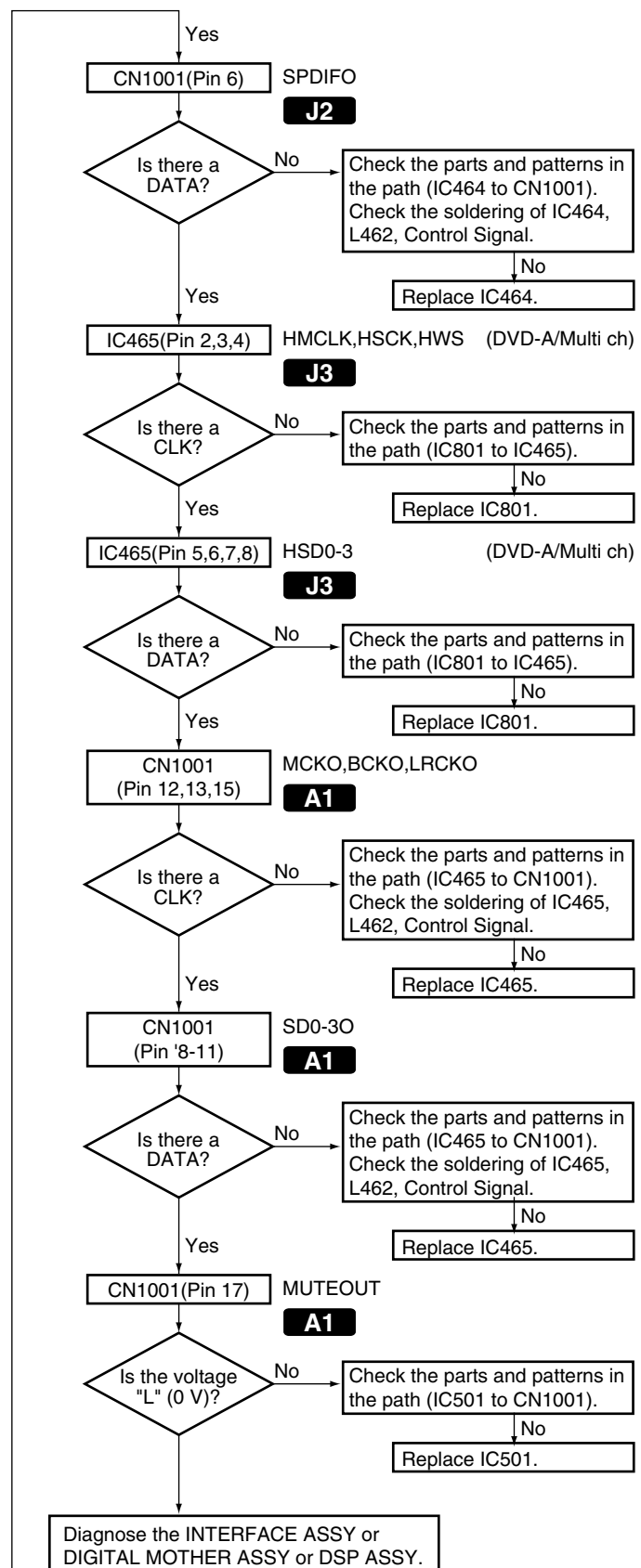
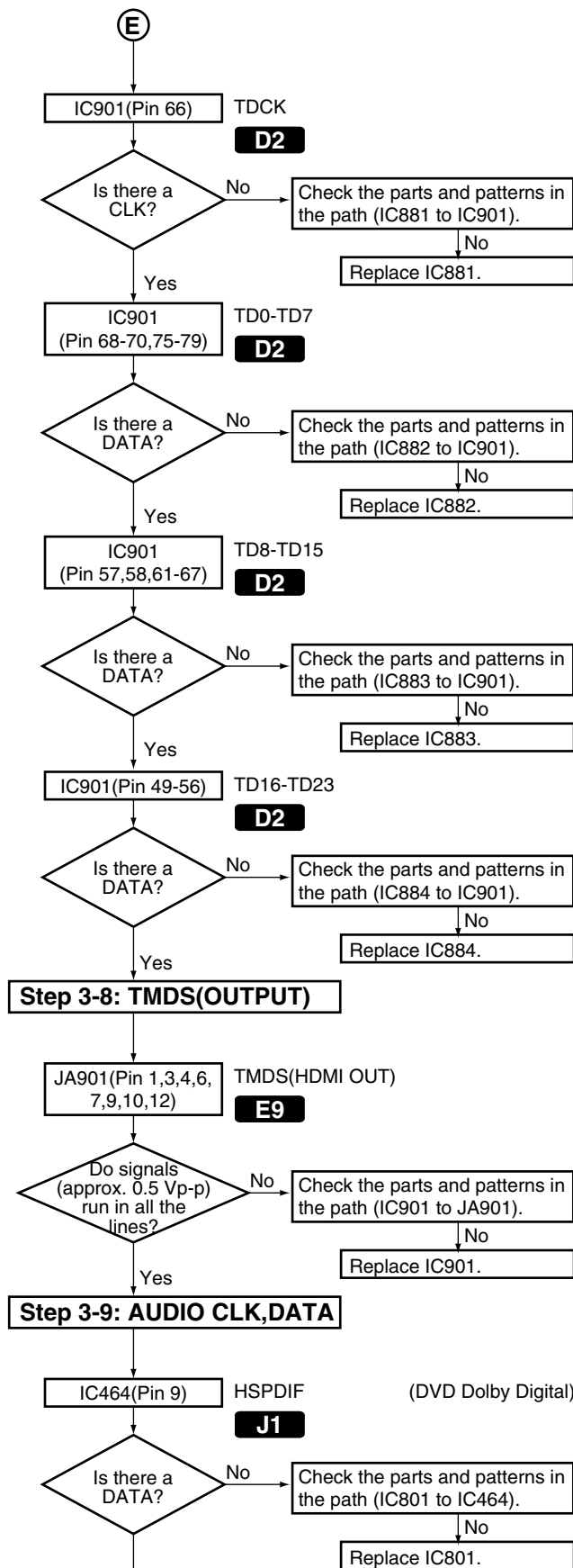
B

C

D

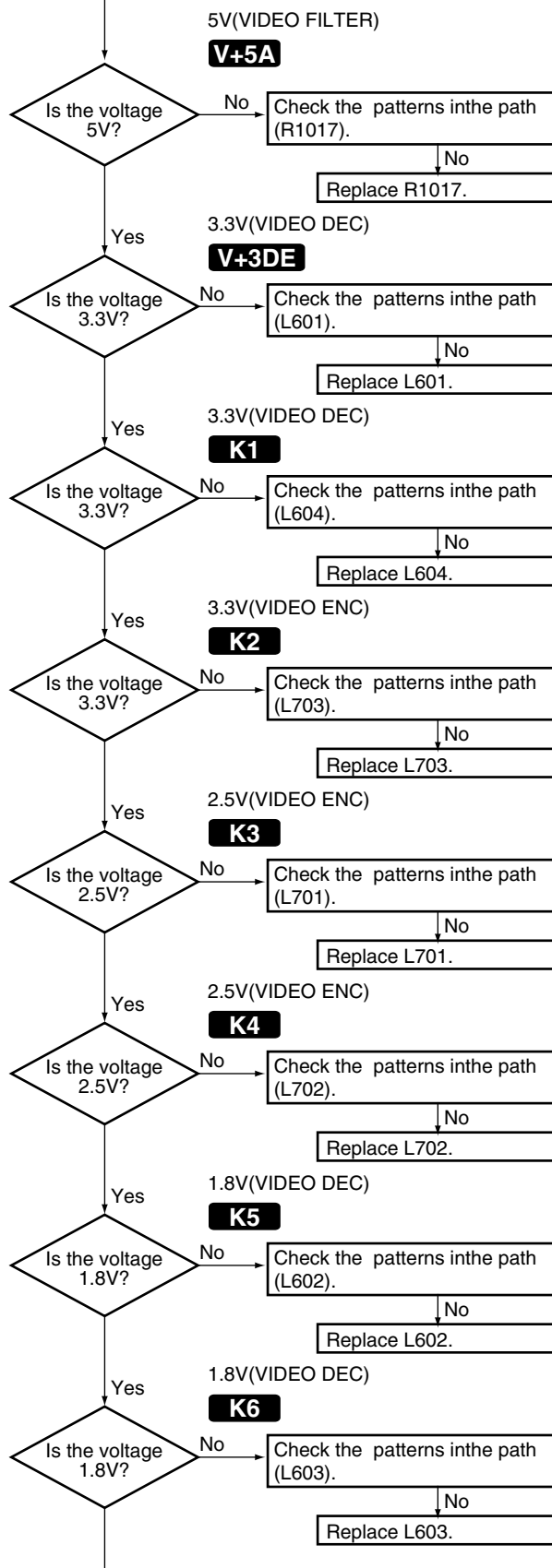
E

F

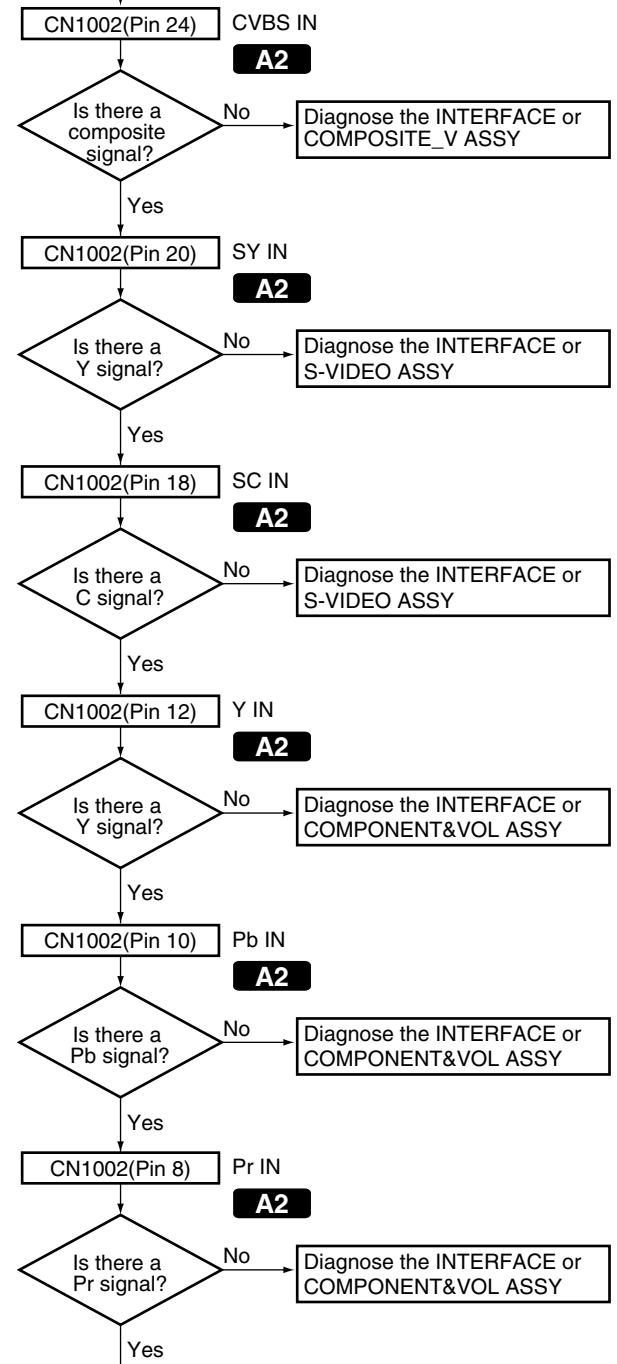


Video converter section

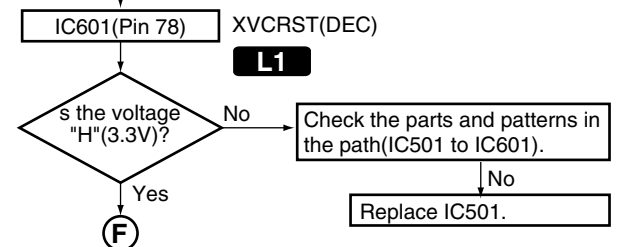
Step 4-1: Power supply



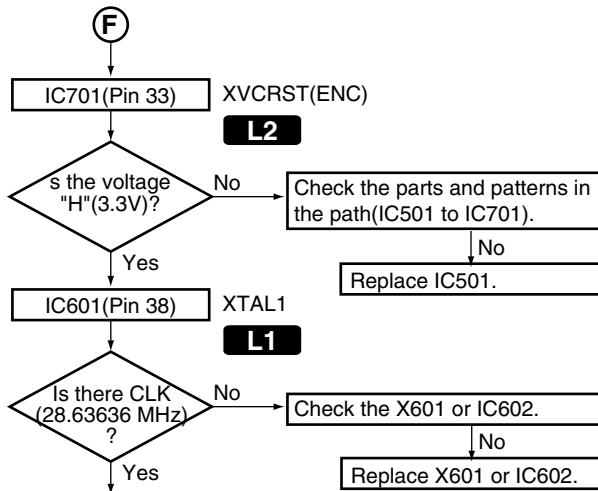
Step 4-2: VIDEO INPUT



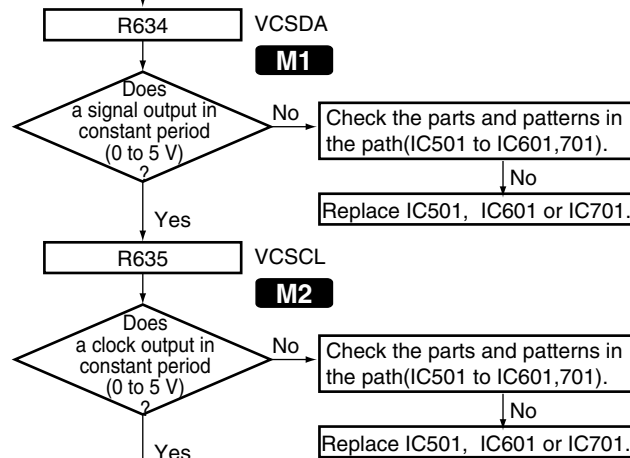
Step 4-3: Reset



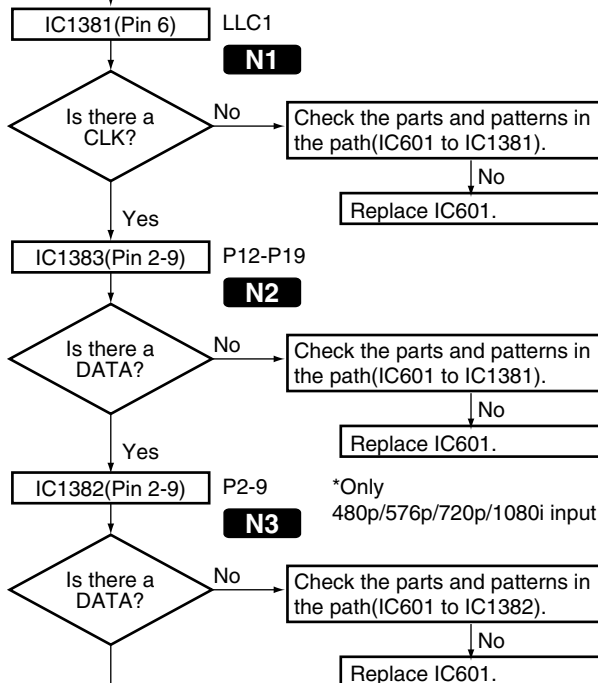
A



B

Step 4-4: I2C

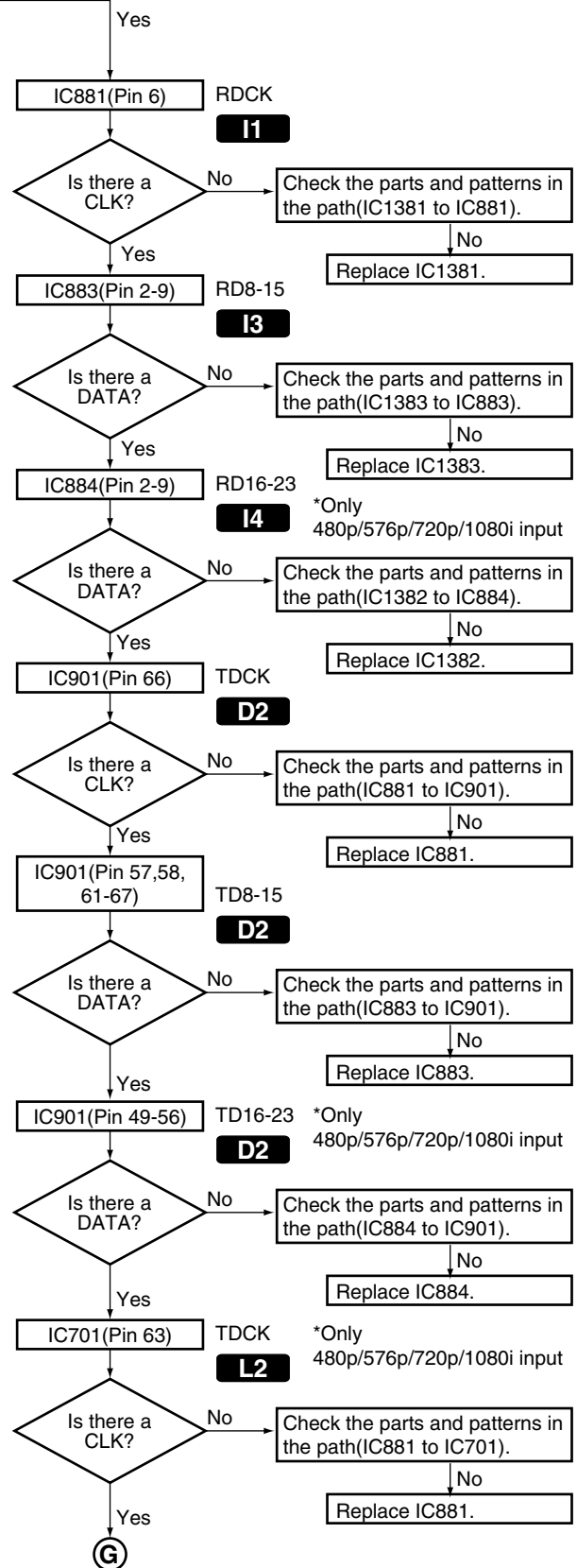
C

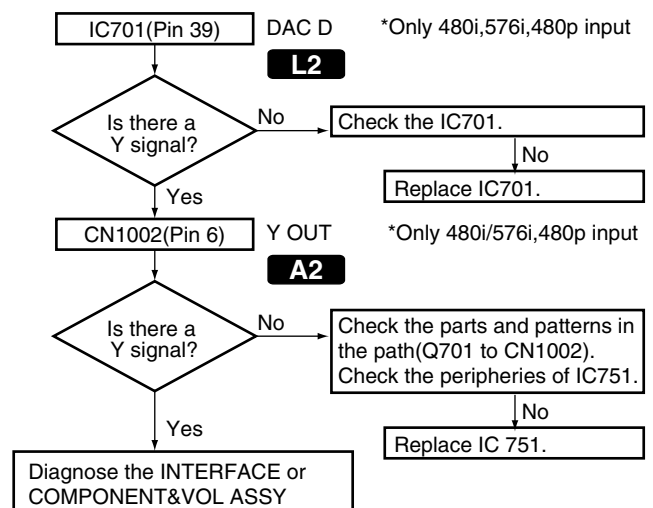
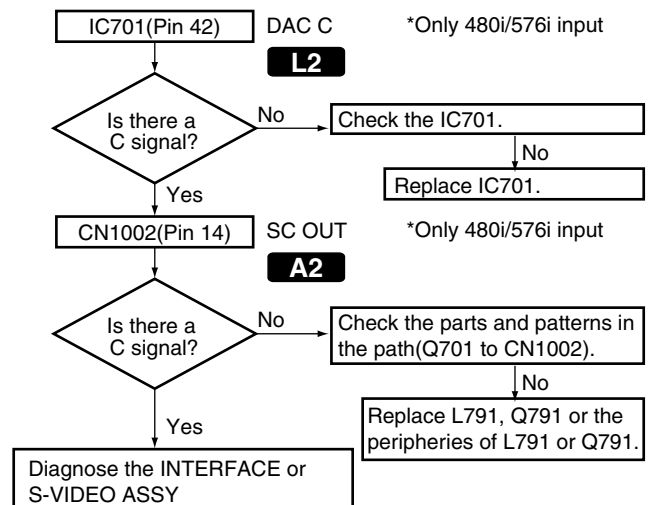
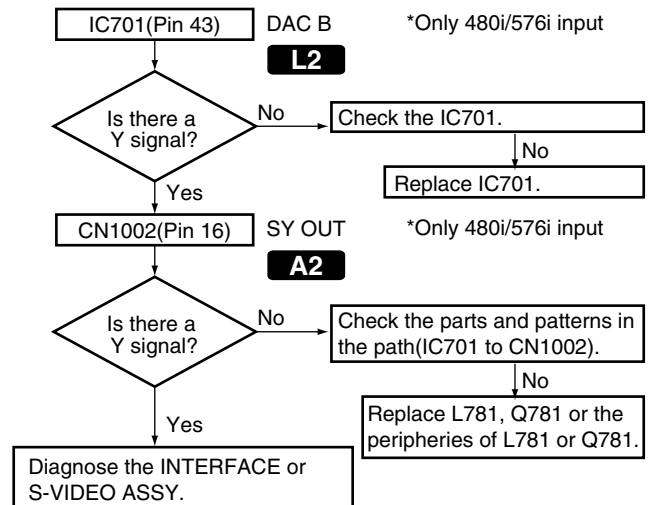
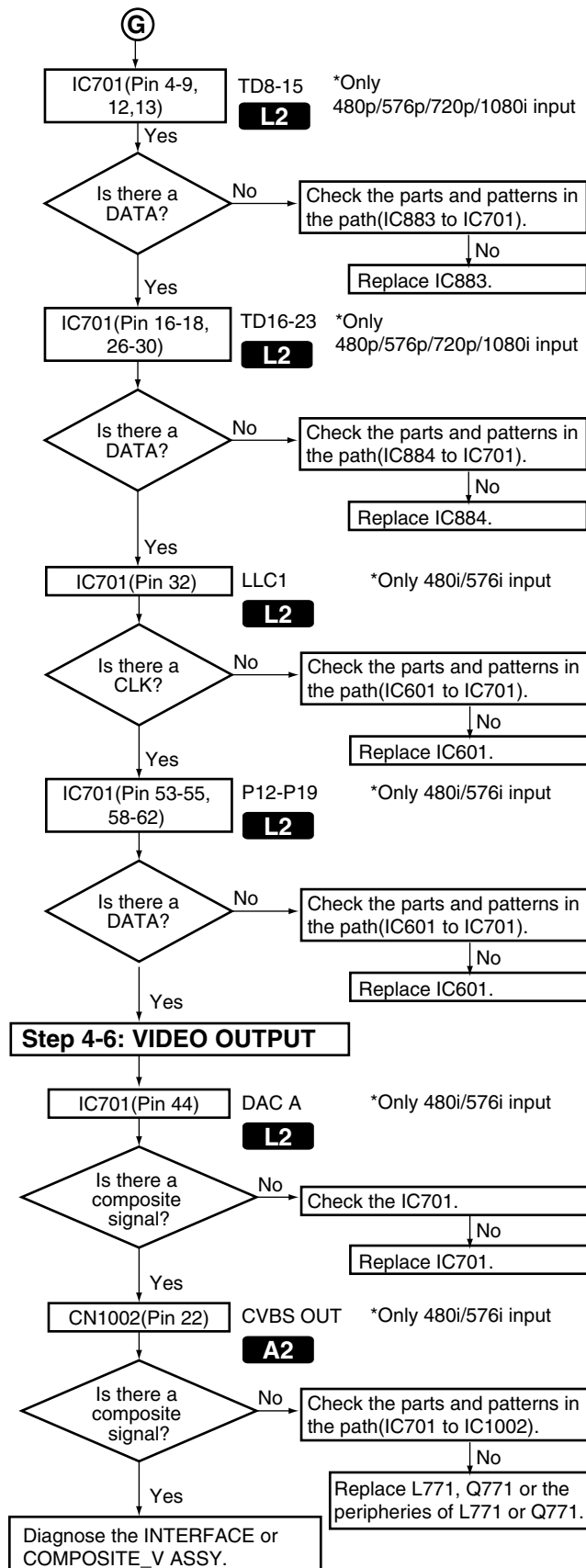
Step 4-5: VIDEO CLK,DATA

D

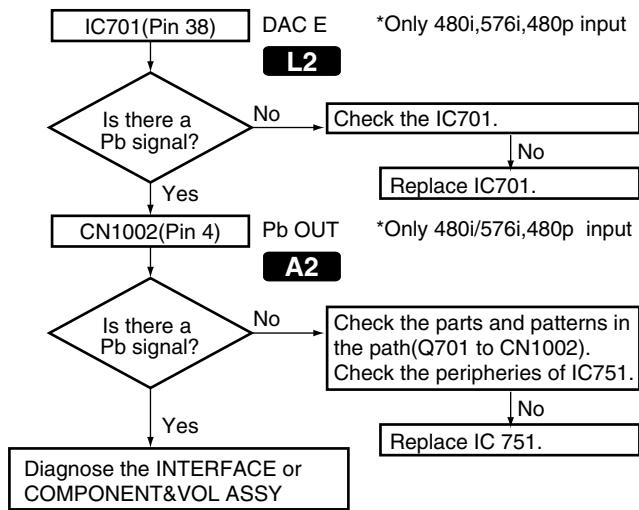
E

F





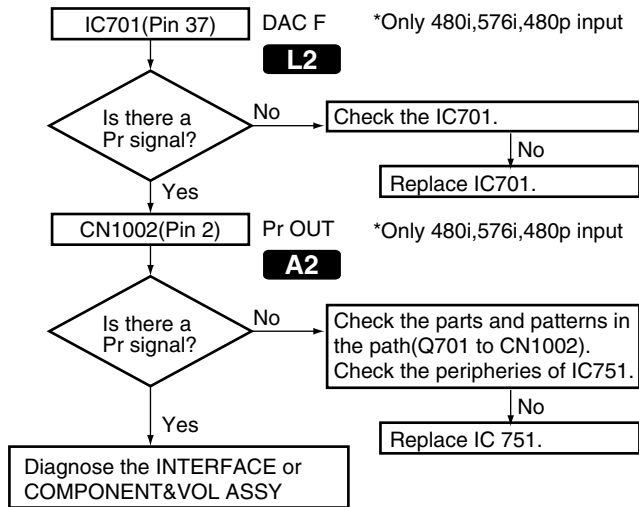
A



B

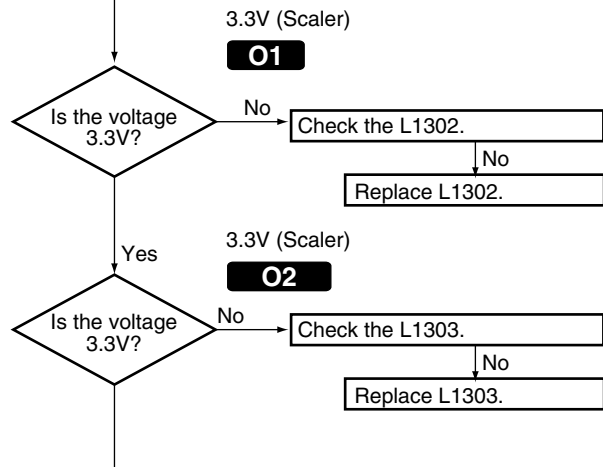
C

D



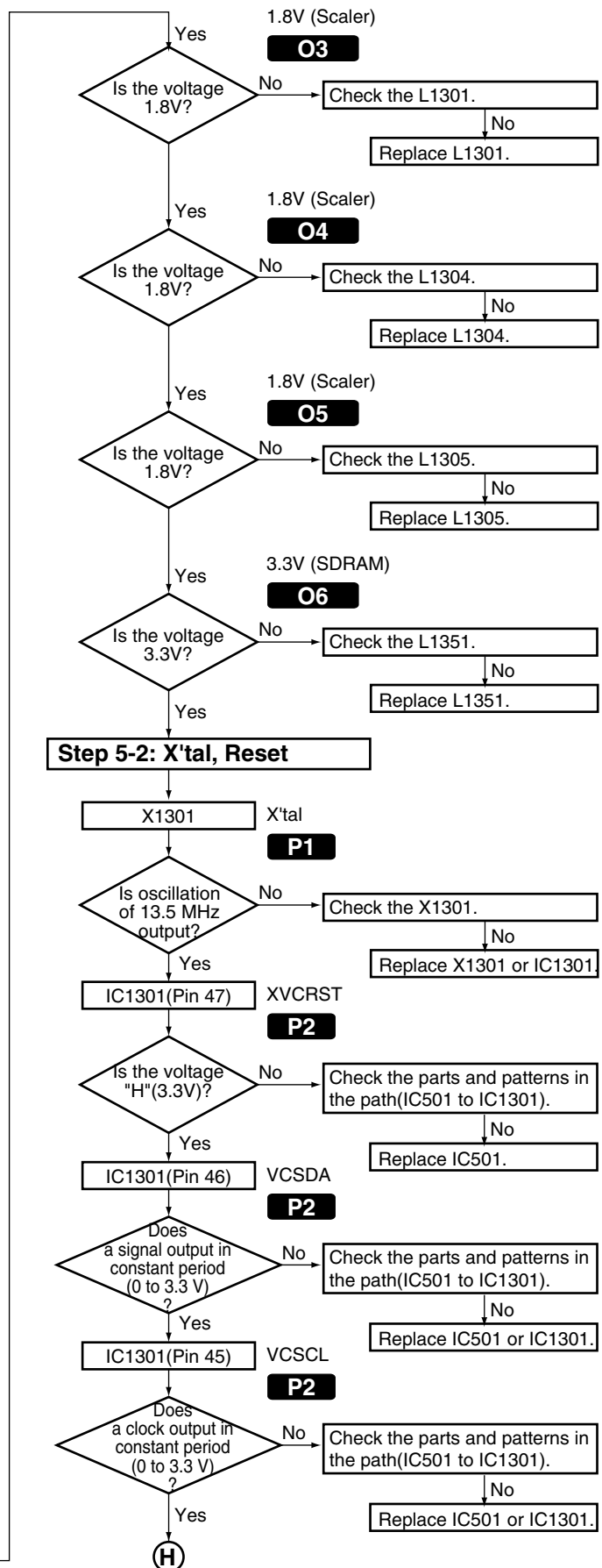
Scaler section

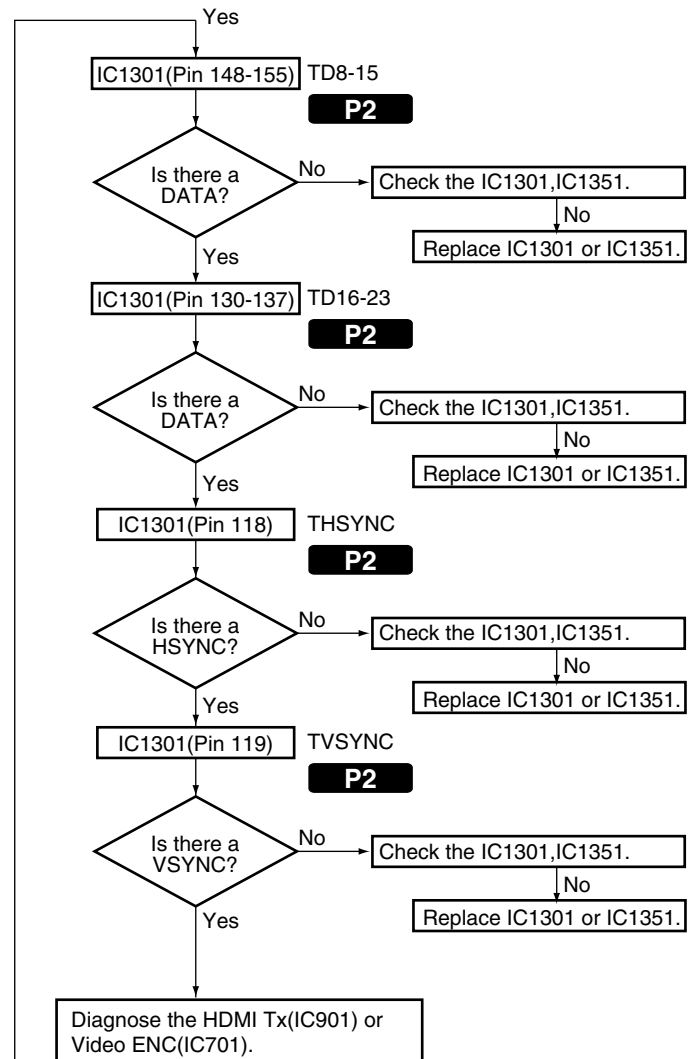
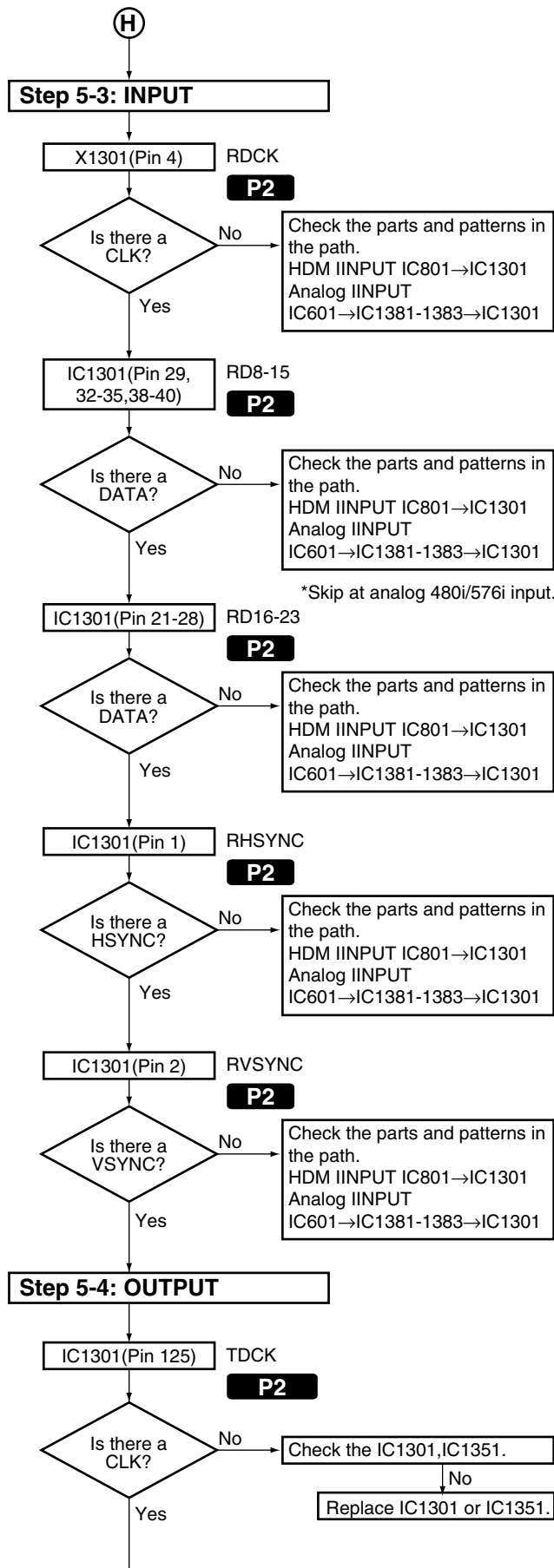
Step 5-1: Power supply



E

F

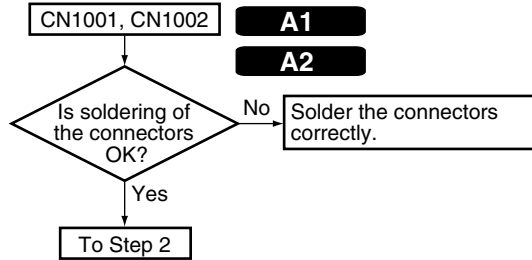




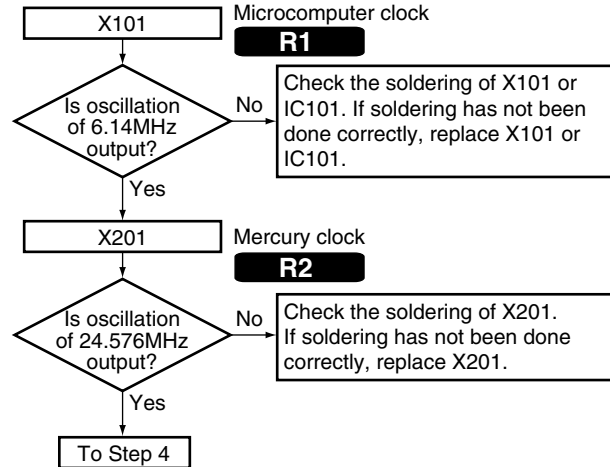
1394 Troubleshooting

- It is assumed that there is no loose connection or damage in the LCRs.
- There must not be an abnormality in pattern.
- The parts marked like **V+5** in the following chart are located in "HDMI & 1394 Assy Check Points".

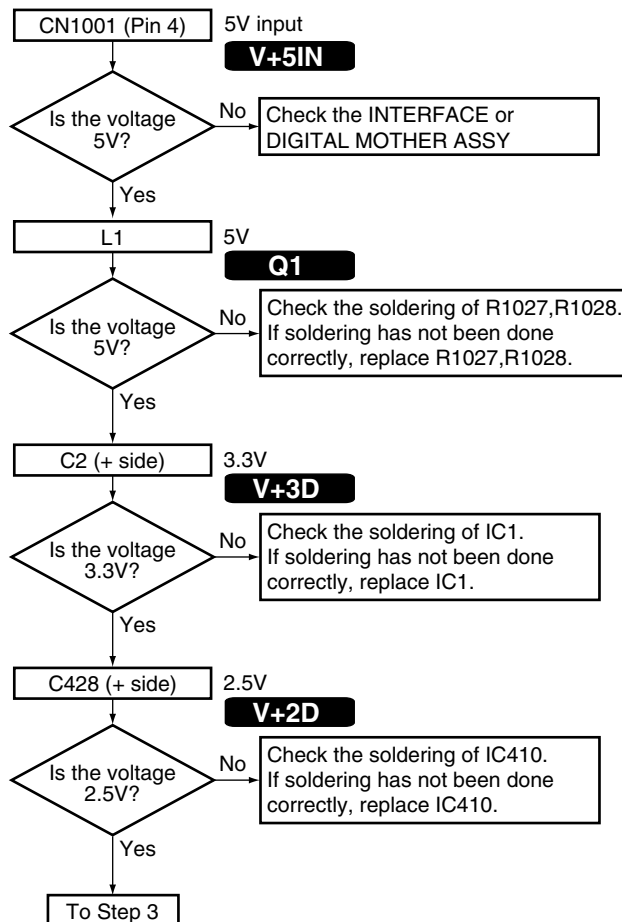
Step 1: Connections



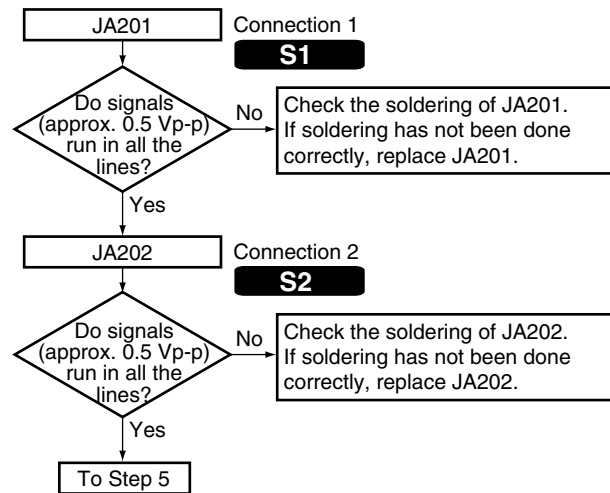
Step 3: Operation of the Master Clock

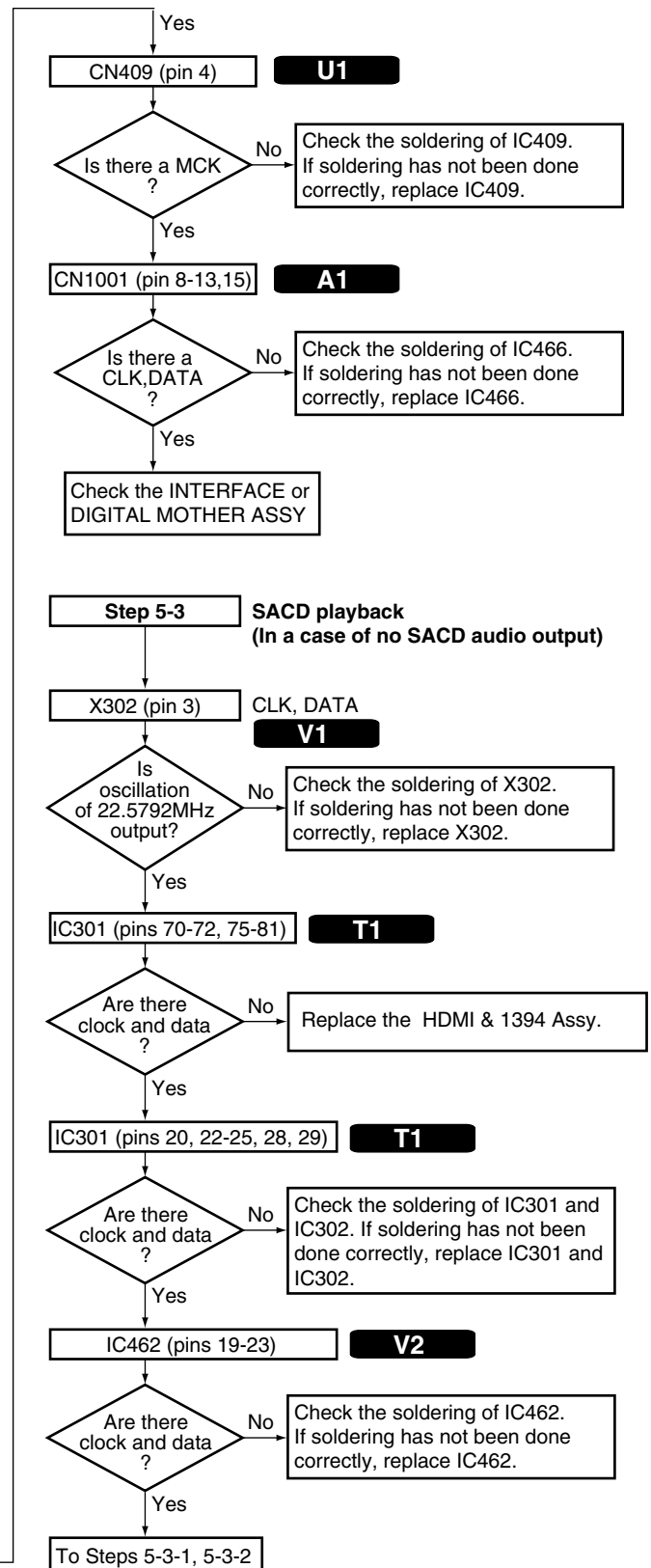
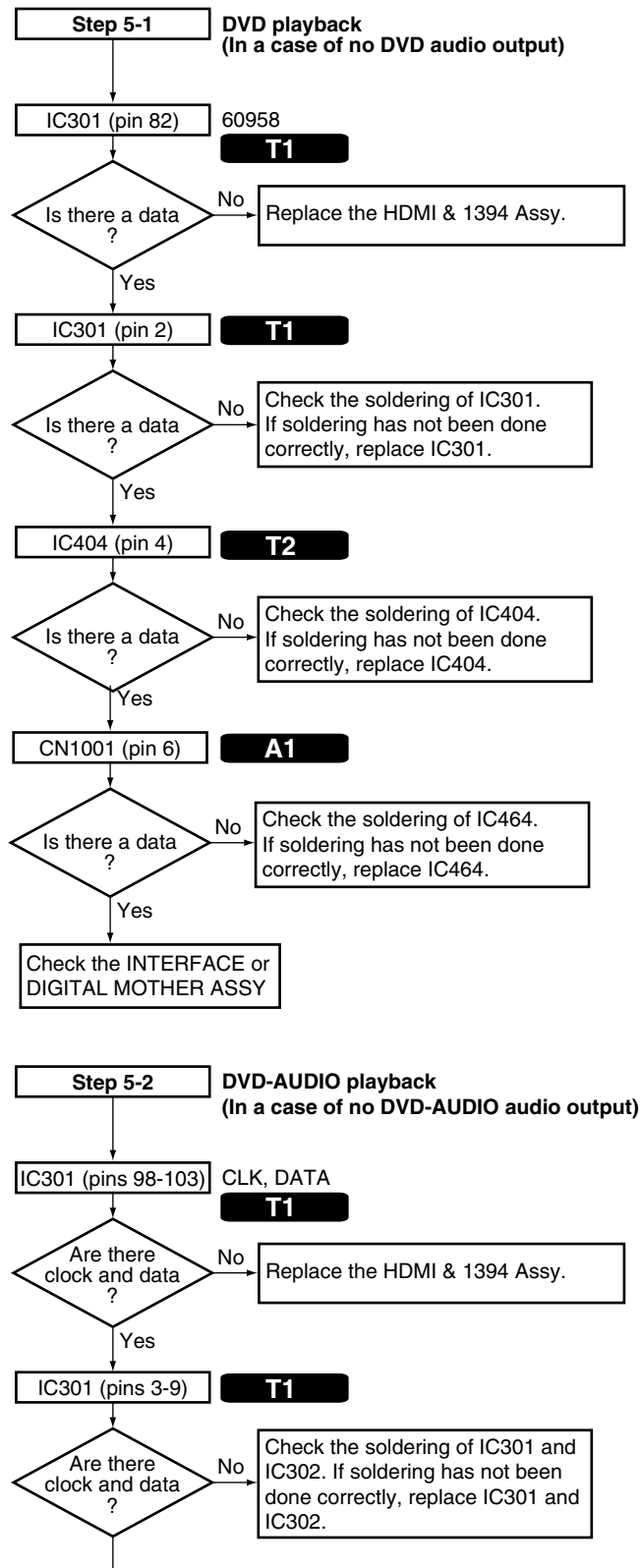


Step 2: Power supply

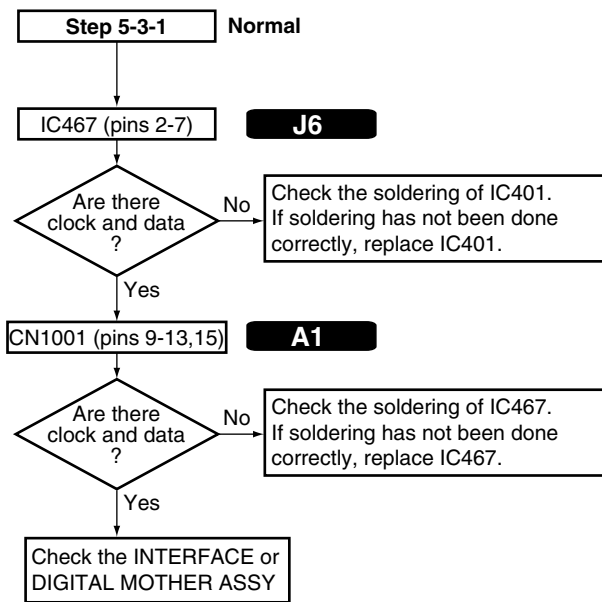


Step 4: Operation of the Master External I/F



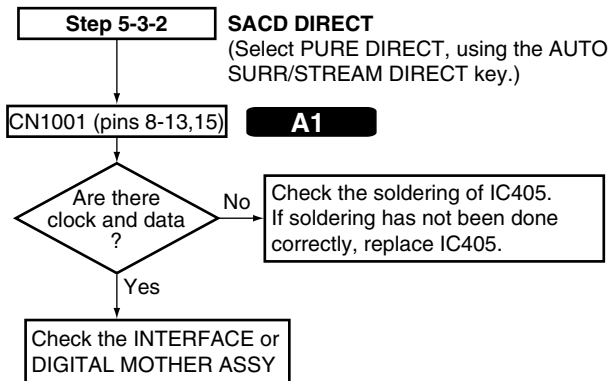
Step 5:

A



B

C



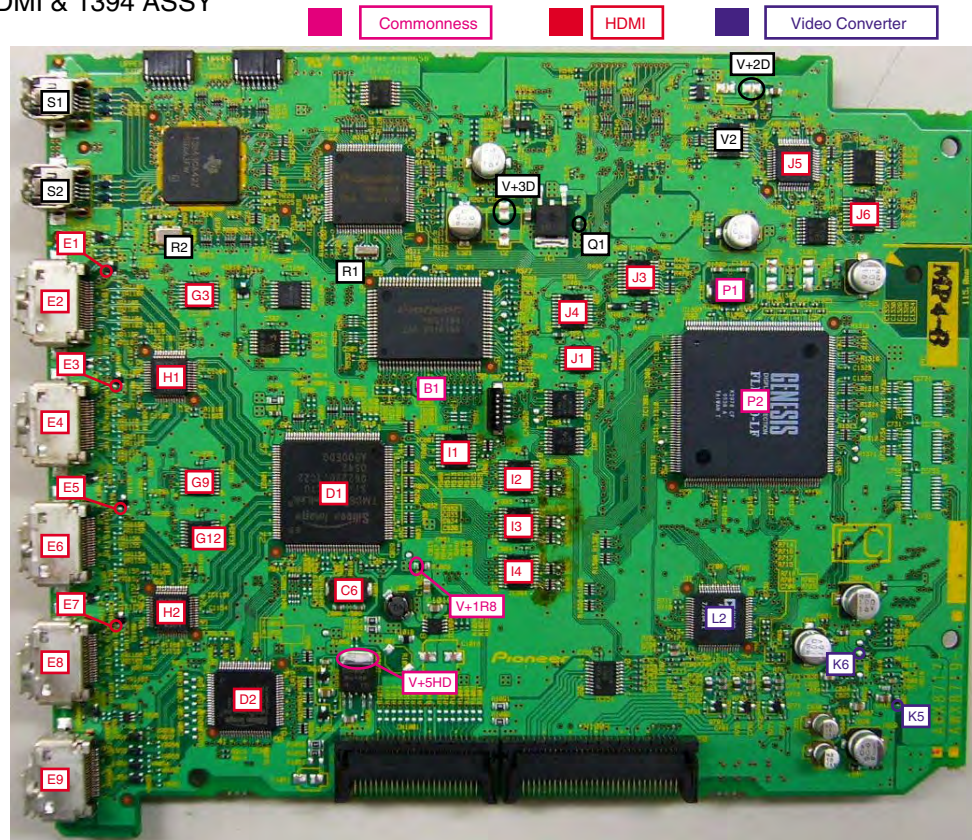
D

E

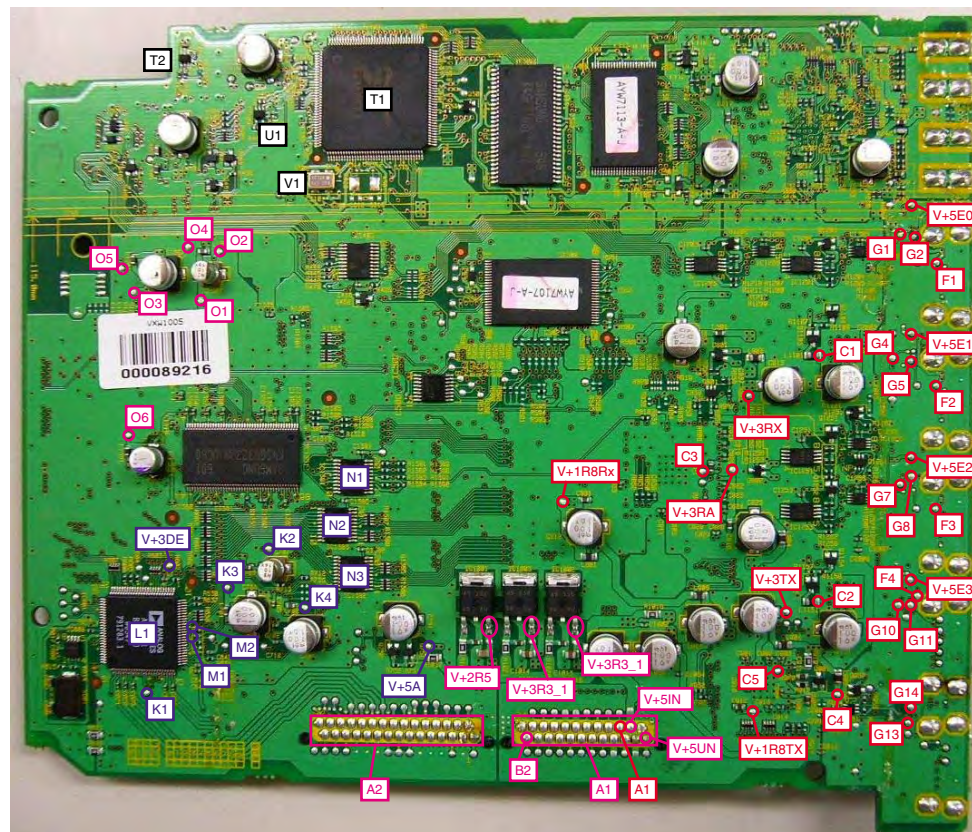
F

HDMI & 1394 Assy Check Points

AG F HDMI & 1394 ASSY



SIDE A



SIDE B

Note : The above photograph is VSX-84TXSi. HDMI/DVC block of VSX-82TXS is the same layout.

■ VSX-84TXSi HDMI & 1394 Assy Block Diagram

A

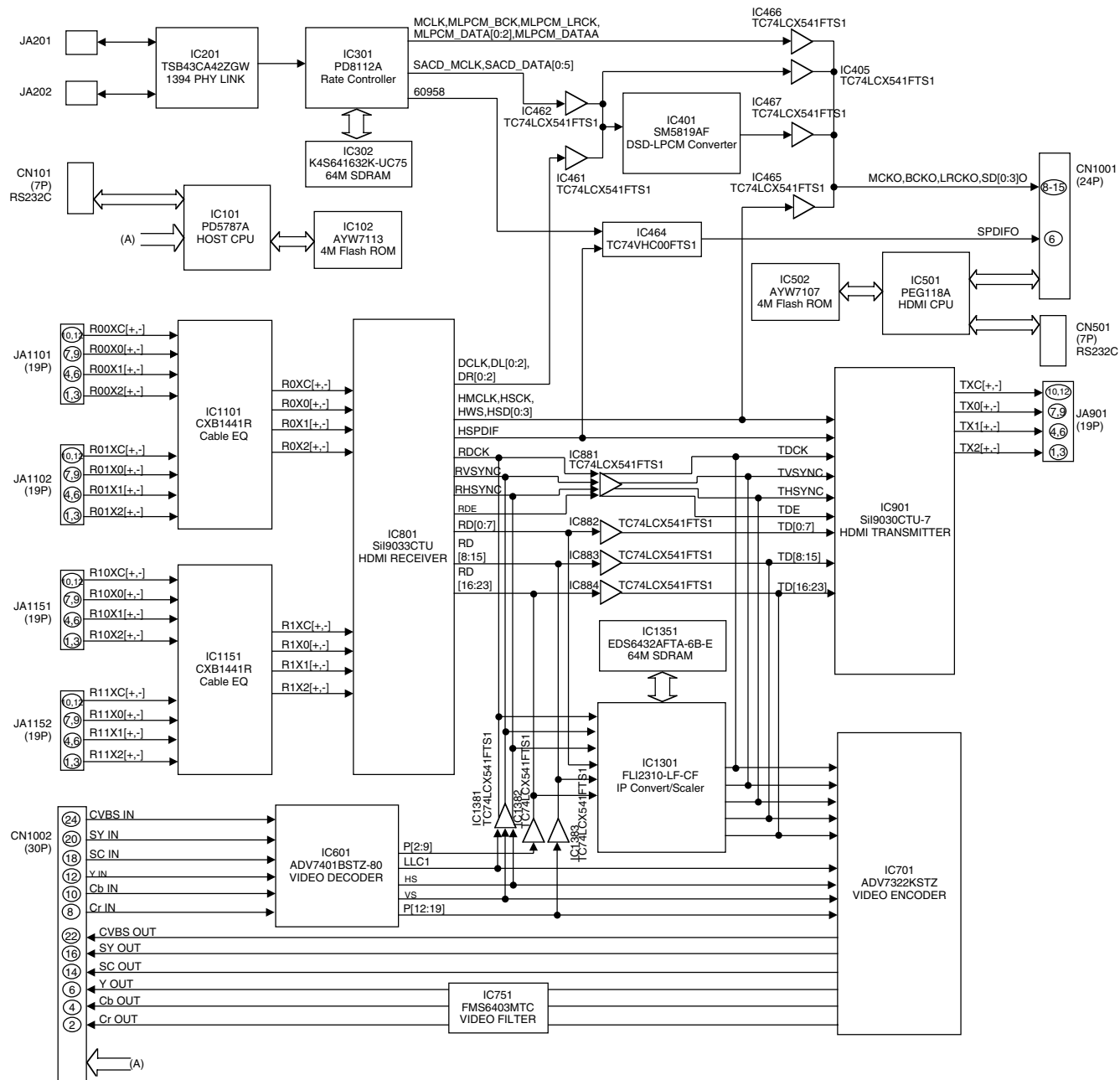
B

C

D

E

F



A

B

C

D

E

F

5. HOW TO UPDATE THE VARIOUS MICROCOMPUTERS

■ HDMI, MAIN and DSP microcomputer

[Purpose]

Refer to this section when updating of a Flash ROM is required by the service information, etc.

[Tools to be used]

- PC with a serial port
- RS-232C cable (cf. following note)
- Program for updating (ufu.exe)
- RS-232C I/F jig (GGF1348)
- Firmware ("mot" extension)
- 7-pin FFC (VDA1681)

Note;

Please use a RS-232C cable properly as follows.

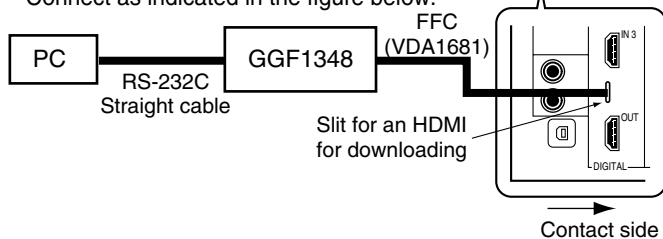
For updating HDMI microcomputer --> straight cable (PC terminal-9pin male) [Connections A]

For updating MAIN microcomputer or DSP microcomputer --> cross cable (PC terminal-25pin female) [Connections B]

[Connections A] (VSX-82TXS)

For updating HDMI microcomputer

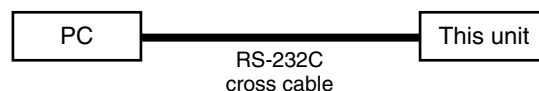
Connect as indicated in the figure below:



[Connections B]

For updating MAIN microcomputer or DSP microcomputer

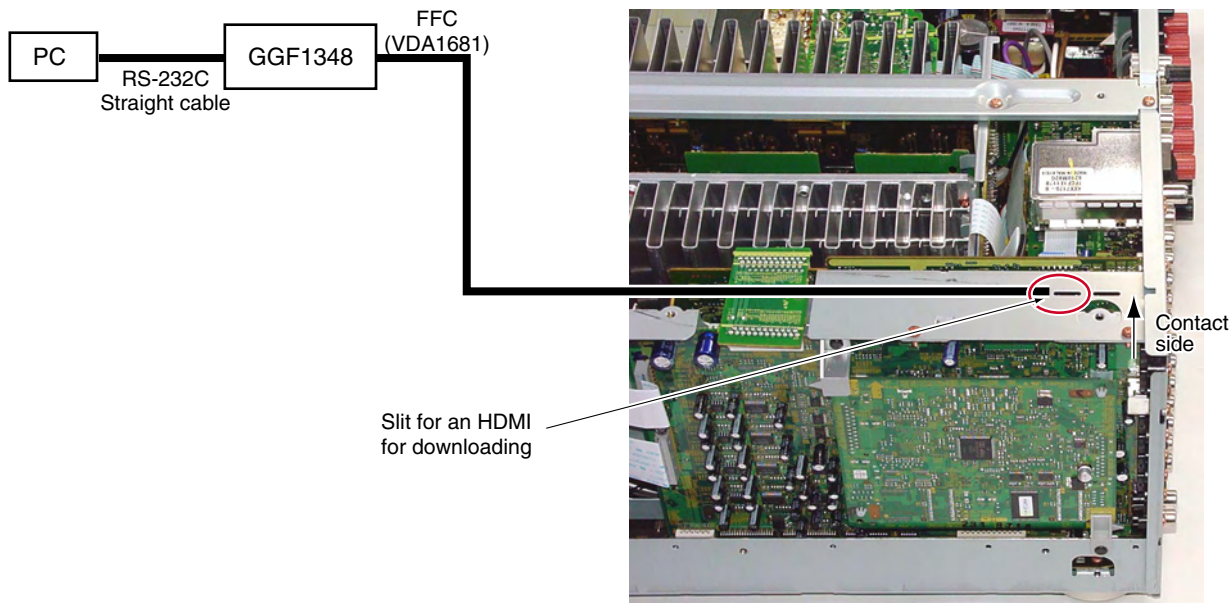
Connect as indicated in the figure below:



[Connections A] (VSX-84TXSi)

For updating HDMI microcomputer

Connect as indicated in the figure below:

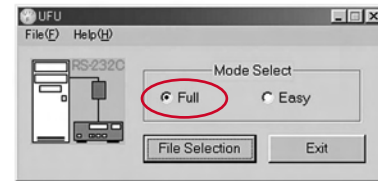


[Note]

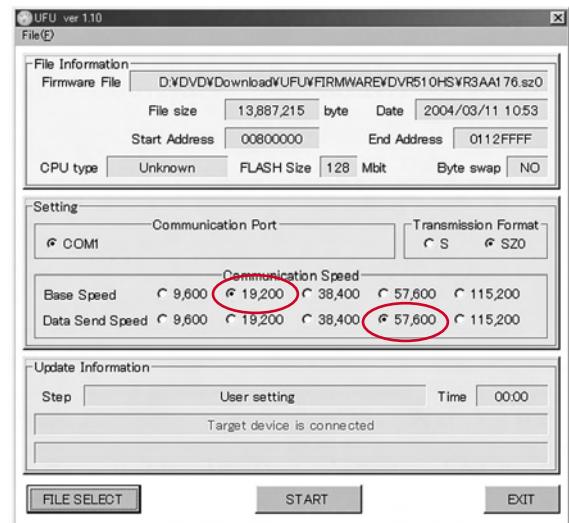
Do NOT disconnect the AC power cords of this unit nor the PC.

[Procedures]

1. Turn off the power to this unit by setting the main volume level to "---dB."
2. Connect the 232C I/F jigs and the PC, as indicated in "Connections."
3. (HDMI microcomputer) :
Simultaneously press and hold the VSEL and ← keys for about 5 seconds.
(MAIN microcomputer) :
Simultaneously press and hold the VSEL and ↓ keys for about 5 seconds.
(DSP microcomputer) :
Simultaneously press and hold the VSEL and → keys for about 5 seconds.
4. The unit is turned on, and "HDMI DOWNLOAD", "MAIN DOWNLOAD" or "DSPM DOWNLOAD" is displayed.
5. Double-click on "ufu.exe".
6. Check that "Full" is selected in MODE SELECT.
7. Select the firm ware file with "mot" extension.
8. Select the communication speed.
 - Basic speed: 19200
 - Data transfer speed: 57600
9. Click on "START" button.
10. (HDMI microcomputer) :
"Completed" is displayed for about 1 minutes in the "ufu.exe" window.
(MAIN microcomputer), (DSP microcomputer) :
"Completed" is displayed for about 3 minutes in the "ufu.exe" window.
11. Disconnect then reconnect the AC power cord of the unit. If the unit is not reset, retry from Step 2.
12. Check the version.
Following the procedures described in "Version indication" in "7.1.1 TEST MODE," check that the version has been changed to a new one.



Check that "Full" is selected in MODE SELECT.



Select the communication speed.

- Basic speed: 19200
- Data transfer speed: 57600

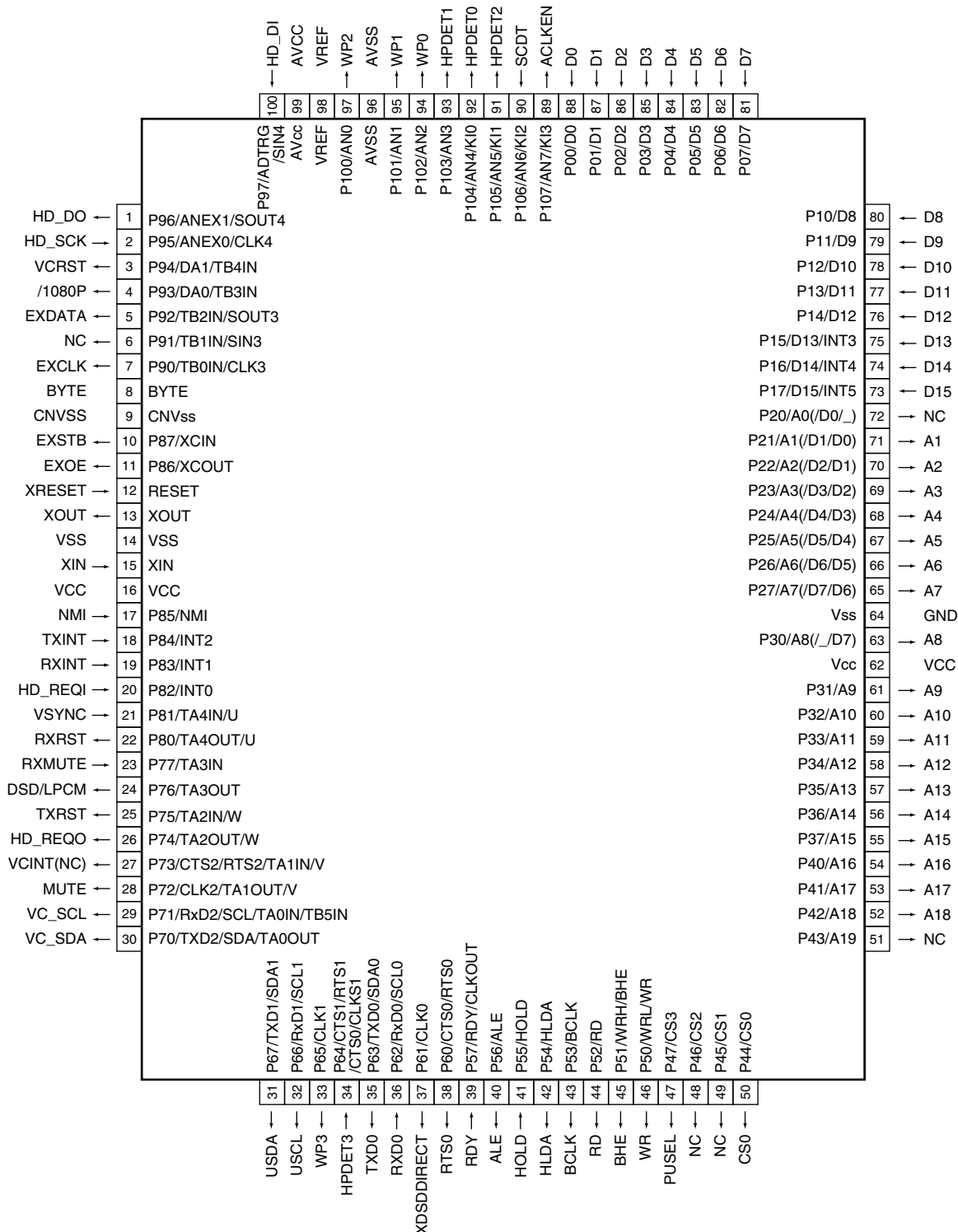
6. IC INFORMATION

- The information shown in the list is basic information and may not correspond exactly to that shown in the schematic diagrams.

PEG118A (HDMI & 1394 and HDMI & DVC ASSY : IC501)

- HDMI Microcomputer

Pin Arrangement (Top View)



● Pin Function

No.	Mark	Pin Name	I/O	Pin Function
1	P96/ANEX1/SOUT4	HD_DO	O	Main controller communication DATA OUT
2	P95/ANEX0/CLK4	HD_SCK	I	Main controller communication CLOCK IN
3	P94/DA1/TB4IN	VCRST	O	ADV7401/ADV7322/FLI2310 RESET (L:RESET)
4	P93/DA0/TB3IN	/1080P	O	TMD5 amplitude switch (L:1080p, H: excepting 1080p)
5	P92/TB2IN/SOUT3	EXDATA	O	PORT EXPANDER control DATA output
6	P91/TB1IN/SIN3	NC	O	OPEN
7	P90/TB0IN/CLK3	EXCLK	O	PORT EXPANDER control CLOCK output
8	BYTE	BYTE	–	GND
9	CNVss	CNVSS	–	GND
10	P87/XCIN	EXSTB	O	PORT EXPANDER control STB output
11	P86/XCOUT	EXOE	O	PORT EXPANDER control OE output
12	RESET	XRESET	I	Main controller communication RESET input (L: RESET)
13	XOUT	XOUT	O	XTAL
14	VSS	VSS	–	GND
15	XIN	XIN	I	XTAL
16	VCC	VCC	–	Power supply 3.3V
17	P85/NMI	NMI	I	Pull up with Vcc
18	P84/INT2	TXINT	I	Sil9030 interrupt
19	P83/INT1	RXINT	I	Sil9033 interrupt
20	P82/INT0	HD_REQI	I	Main controller communication REQ IN
21	P81/TA4IN/U	VSYN	I	Sil9030 VSYNC input
22	P80/TA4OUT/U	RXRST	O	Sil9033 RESET (L: RESET)
23	P77/TA3IN	RXMUTE	I	Sil9033 MUTE IN
24	P76/TA3OUT	DSD/LPCM	O	AUDIO output DSD/LPCM switch (H:DSD)
25	P75/TA2IN/W	TXRST	O	Sil9030 RESET (L: RESET)
26	P74/TA2OUT/W	HD_REQO	O	Main controller communication REQ OUT
27	P73/CTS2/RTS2/TA1IN/V	VCINT(NC)	O	ADV7401 interrupt (not used)
28	P72/CLK2/TA1OUT/V	MUTE	O	AUDIO MUTE (H: MUTE)
29	P71/RxD2/SCL/TA0IN/TB5IN	VC_SCL	O	I2C SCL(ADV7401/ADV7322/FLI2310)
30	P70/TXD2/SDA/TA0OUT	VC_SDA	O	I2C SDA(ADV7401/ADV7322/FLI2310)
31	P67/TXD1/SDA1	USDA	O	I2C SDA(Sil9033/Sil9030)
32	P66/RxD1/SCL1	USCL	O	I2C SCL(Sil9033/Sil9030)
33	P65/CLK1	WP3	O	EDID4 E2PROM WP control (L:Normal operation, H: Writing)
34	P64/CTS1/RTS1/CTS0/CLKS1	HPDET3	O	Hot Plug Detect control (IN4)
35	P63/TXD0/SDA0	TXD0	O	RS232C TXD
36	P62/RxD0/SCL0	RXD0	I	RS232C RXD
37	P61/CLK0	XDSDDIRECT	O	DSD output LPCM Convert/ DIRECT output selection (L:DSDDIRECT output)
38	P60/CTS0/RTS0	RTS0	O	RS232C RTS
39	P57/RDY/CLKOUT	RDY	I	Pull up with Vcc
40	P56/ALE	ALE	O	OPEN
41	P55/HOLD	HOLD	I	Pull up with Vcc
42	P54/HLDA	HLDA	O	OPEN
43	P53/BCLK	BCLK	O	Pull up with Vcc
44	P52/RD	RD	O	FLASH ROM I/F RD
45	P51/WRH/BHE	BHE	O	OPEN
46	P50/WRL/WR	WR	O	FLASH ROM I/F WR
47	P47/CS3	PUSEL	O	DDC communication pull-up resistor switch (L: Normal operation)
48	P46/CS2	NC	O	OPEN

A

No.	Mark	Pin Name	I/O	Pin Function
49	P45/CS1	NC	O	OPEN
50	P44/CS0	CS0	O	FLASH ROM I/F CS
51	P43/A19	NC	O	OPEN
52	P42/A18	A18	O	FLASH ROM I/F
53	P41/A17	A17	O	FLASH ROM I/F
54	P40/A16	A16	O	FLASH ROM I/F
55	P37/A15	A15	O	FLASH ROM I/F
56	P36/A14	A14	O	FLASH ROM I/F
57	P35/A13	A13	O	FLASH ROM I/F
58	P34/A12	A12	O	FLASH ROM I/F
59	P33/A11	A11	O	FLASH ROM I/F
60	P32/A10	A10	O	FLASH ROM I/F
61	P31/A9	A9	O	FLASH ROM I/F
62	Vcc	VCC	–	Power supply 3.3V
63	P30/A8(/_/_D7)	A8	O	FLASH ROM I/F
64	Vss	GND	–	GND
65	P27/A7(/D7/D6)	A7	O	FLASH ROM I/F
66	P26/A6(/D6/D5)	A6	O	FLASH ROM I/F
67	P25/A5(/D5/D4)	A5	O	FLASH ROM I/F
68	P24/A4(/D4/D3)	A4	O	FLASH ROM I/F
69	P23/A3(/D3/D2)	A3	O	FLASH ROM I/F
70	P22/A2(/D2/D1)	A2	O	FLASH ROM I/F
71	P21/A1(/D1/D0)	A1	O	FLASH ROM I/F
72	P20/A0(/D0/_)	NC	O	OPEN
73	P17/D15/INT5	D15	I	FLASH ROM I/F
74	P16/D14/INT4	D14	I	FLASH ROM I/F
75	P15/D13/INT3	D13	I	FLASH ROM I/F
76	P14/D12	D12	I	FLASH ROM I/F
77	P13/D11	D11	I	FLASH ROM I/F
78	P12/D10	D10	I	FLASH ROM I/F
79	P11/D9	D9	I	FLASH ROM I/F
80	P10/D8	D8	I	FLASH ROM I/F
81	P07/D7	D7	I	FLASH ROM I/F
82	P06/D6	D6	I	FLASH ROM I/F
83	P05/D5	D5	I	FLASH ROM I/F
84	P04/D4	D4	I	FLASH ROM I/F
85	P03/D3	D3	I	FLASH ROM I/F
86	P02/D2	D2	I	FLASH ROM I/F
87	P01/D1	D1	I	FLASH ROM I/F
88	P00/D0	D0	I	FLASH ROM I/F
89	P107/AN7/KI3	ACLKEN	O	AUDIO DATA, SPDIF output control (H:ON)
90	P106/AN6/KI2	SCDT	I	SiI9033 SCDT input
91	P105/AN5/KI1	HPDET2	O	Hot Plug Detect control (IN3)
92	P104/AN4/KI0	HPDET0	O	Hot Plug Detect control (IN1)
93	P103/AN3	HPDET1	O	Hot Plug Detect control (IN2)
94	P102/AN2	WP0	O	EDID1 E2PROM WP control (L: Normal operation, H: Writing)
95	P101/AN1	WP1	O	EDID2 E2PROM WP control (L: Normal operation, H: Writing)
96	AVSS	AVSS	–	GND
97	P100/AN0	WP2	O	EDID3 E2PROM WP control (L:Normal operation, H: Writing)
98	VREF	VREF	–	Reference voltage 3.3V
99	AVcc	AVCC	–	Power supply 3.3V
100	P97/ADTRG/SIN4	HD_DI	I	Main controller communication (DATA IN)

B

C

D

E

F

■CD4094BPW (HDMI & 1394 and HDMI & DVC ASSY : IC505) PORT EXPANDER

No.	FUNCTION	NAME	I/O	DESCRIPTION
1	STB	STB	I	STB input
2	DATA	DATA	I	DATA input
3	CLOCK	CLOCK	I	CLOCK input
4	Q1	FSEL0	O	FMS6403 Filter Cut Off frequency switch 0
5	Q2	FSEL1	O	FMS6403 Filter Cut Off frequency switch 1
6	Q3	FILTPOW	O	FMS6403 power supply control (H : ON)
7	Q4	SW0SEL	O	CXB1441R (IC1101) input switch
8	VSS	VSS	O	GND
9	QS	QS	O	NC
10	QS'	QS'	O	QS' output
11	Q8	NC	O	NC
12	Q7	SW2	O	TC74LCX541FTS1(IC1381-1383) output control (H : HighZ, L : IN=OUT)
13	Q6	SW1	O	TC74LCX541FTS1(IC881-884) output control (H : HighZ, L : IN=OUT)
14	Q5	SW0CE	O	CXB1441R (IC1101) chip enable
15	OE	OE	I	OE input
16	VDD	VDD		3.3V

■CD4094BPW (HDMI & 1394 ASSY : IC506) PORT EXPANDER

No.	FUNCTION	NAME	I/O	DESCRIPTION
1	STB	STB	I	STB input
2	DATA	DATA	I	DATA input
3	CLOCK	CLOCK	I	CLOCK input
4	Q1	SW1SEL	O	CXB1441R (IC1151) input switch
5	Q2	SW1CE	O	CXB1441R (IC1151) chip enable
6	Q3	NC	O	NC
7	Q4	NC	O	NC
8	VSS	VSS	O	GND
9	QS	QS	O	NC
10	QS'	QS'	O	QS' output
11	Q8	1394/HDMI	O	AUDIO output 1394/HDMI switch (H : 1394, L : HDMI)
12	Q7	DSGAIN	O	SM5819 DSGAIN control
13	Q6	SEL4FS	O	SM5819 SEL4FS control
14	Q5	XINIT	O	SM5819 XINIT control
15	OE	OE	I	OE input
16	VDD	VDD		3.3V

■ Jigs list

A

Name	Jig No.	Remarks
24pin board to board extension cable	GGD1491	Diagnosis of HDMI & 1394 Assy (VSX-84TXSi)
30pin board to board extension cable	GGD1492	Diagnosis of HDMI & 1394 Assy (VSX-84TXSi)

B

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C

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D

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E

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