

Pioneer

Service Manual

ORDER NO.
RRV4104

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

SC-LX83

SC-LX73

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

Model	Type	Power Requirement	Remarks
SC-LX83	SYXJ5	AC 220 V to 230 V	
SC-LX73	SYXJ5	AC 220 V to 230 V	

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

Model No.	Order No.	Remarks
SC-37/UXJCB	RRV4137	

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

1. EXPLODED VIEWS AND PARTS LIST

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.

● 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.)

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

● 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%).

560Ω → 56 x 10¹ → 561 RD1/4PU5 6 1 J
 47kΩ → 47 x 10³ → 473 RD1/4PU4 7 3 J
 0.5Ω → R50 RN2HR 5 0 K
 1Ω → 1R0 RS1P 1 R 0 K

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

5.62kΩ → 562 x 10¹ → 5621 RN1/4PC 5 6 2 1 F

CONTRAST TABLE

SC-37/UXJCB, SC-LX83/SYXJ5 and SC-LX73/SYXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-37/UXJCB	SC-LX83/SYXJ5	SC-LX73/SYXJ5	Remarks
PCB ASSEMBLIES						
NSP	P107-4	1..REG BRIDGE ASSY	AWR7086	AWR7094	AWR7094	
		2..MULTI CH IN ASSY	AWX9616	AWX9698	AWX9698	
NSP	P107-10	1..AUDIO_COMPOSITE ASSY	AWR7090	AWR7091	AWR7091	
		2..AUDIO ASSY	AWX9647	AWX9648	AWX9648	
	P107-12	1..DIGITAL MAIN ASSY	AWX9620	AWX9627	AWX9628	
	P107-13	1..DAC HIGH ASSY	AWX9622	AWX9711	Not used	
	P107-14	1..DAC LOW ASSY	Not used	Not used	AWX9659	
	P107-15	1..COMPONENT ASSY	AWX9654	AWX9654	AWX9656	
NSP	P109-1	1..ICEPOWER AMP ASSY	AWH7024	AWH7027	AWH7026	
		1..INTERFACE_REG ASSY	AWR7085	AWR7096	AWR7096	
NSP	P109-4	2..INTERFACE ASSY	AWX9605	AWX9701	AWX9701	
		1..PRIM_DISPLAY ASSY	AWM8191	AWM8204	AWM8211	
NSP	P111-3 P109-3	2..DISPLAY ASSY	AWX9600	AWX9681	AWX9688	
		2..PRIMARY ASSY	AWX9604	AWX9693	AWX9693	
PACKING SECTION						
Δ	P103-1 P103-3 P103-5 P103-8 P103-11	AC Power Cord	ADG7111	ADG7062	ADG7062	
		IR Bluster Cable	ADF7007	ADF7007	Not used	
		Protection Sheet LX	AEH7030	Not used	Not used	
		Packing Case	AHD8677	AHD8678	AHD8685	
		Operating Instrutions (En)	ARB7446	Not used	Not used	
		RF Remote Caution	ARM7131	ARM7131	Not used	
NSP	P103-14 P103-15 P103-16 P103-17 P103-18	Warranty Card	ARY7007	ARY7128	ARY7128	
		RF Remote Control Unit	AXD7580	AXD7580	Not used	
		Remote Control Unit	Not used	Not used	AXD7592	
		RF Receiver Box	AXX7272	AXX7272	Not used	
NSP	P103-19 P103-20 P103-22 P103-23	Battery Cover	AZN8049	AZN8049	Not used	
		Battery Door	Not used	Not used	AZN8047	
		Dry Cell Battery (LR6)	VEM1047	VEM1047	Not used	
		Dry Cell Battery (R3)	Not used	Not used	VEM1049	
		Operating Instrutions (CD-ROM)	Not used	ARU7001	ARU7001	
		Quick Start Guide (En/Fr/De)	Not used	ARH7101	ARH7101	

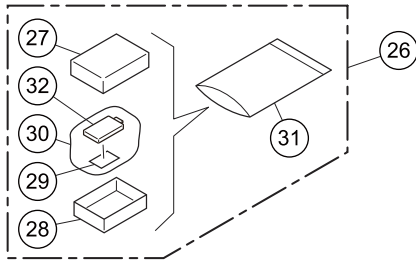
Mark	No.	Symbol and Description	SC-37/UXJCB	SC-LX83/SYXJ5	SC-LX73/SYXJ5	Remarks
		Quick Start Guide (It/NI/Es)	Not used	ARH7102	ARH7102	
		Quick Start Guide (Ru/Sv/No)	Not used	ARH7103	ARH7103	
NSP		Label (WEEE)	Not used	ARW7322	Not used	
NSP		Bluetooth AD ASSY	Not used	AXF7022	AXF7022	No. 26
NSP		Top Case BTA	Not used	AAK8468	AAK8468	No. 27
NSP		Bottom Case BTA	Not used	AAK8469	AAK8469	No. 28
NSP		BT Label (6L)	Not used	AAL7444	AAL7444	No. 29
		Nonwoven Sheet BTA	Not used	AHG7142	AHG7142	No. 30
NSP		Polyethylene Bag 55 x 80	Not used	AHG7153	AHG7153	No. 31
		Bluetooth ASSY	Not used	AWM8111	AWM8111	No. 32
		EXTERIOR SECTION				
	P105-8	Power Transformer (T1501)	ATS7430	ATS7431	ATS7431	
	P105-9	Fuse (FU13, FU14 : 1 A)	REK1142	Not used	Not used	
	P105-9	Fuse (FU13, FU14 : T800 mA)	Not used	AEK7072	AEK7072	
	P105-10	Fuse (FU11, FU12, FU15 : 1.25 A)	REK1143	Not used	Not used	
	P105-10	Fuse (FU11, FU12, FU15 : T1 A)	Not used	AEK7073	AEK7073	
	P105-11	Fuse (FU61, FU62 : 10 A)	REK1154	Not used	Not used	
	P105-11	Fuse (FU61, FU62 : 10 A)	Not used	VEK1029	VEK1029	
	P105-21	Insulator	AMR7198	Not used	Not used	
	P105-21	Insulator Assembly	Not used	DXA1904	DXA1904	
		REAR SECTION				
	P107-16	FM/AM Tuner Unit	AXX7267	AXX7265	AXX7265	
	P107-24	Rear Panel	ANC8568	ANC8571	ANC8578	
		CHASSIS SECTION				
	P109-9	Fuse (FU4 : 2 A)	REK1139	Not used	Not used	
	P109-9	Fuse (FU4 : 4 A)	Not used	REK1104	REK1104	
	P109-10	Fuse (FU21, FU22, FU31, FU32 : 1.25 A)	REK1143	Not used	Not used	
	P109-10	Fuse (FU21, FU22, FU31, FU32 : T800 mA)	Not used	AEK7072	AEK7072	
	P109-11	Fuse (FU51, FU52 : 1.6 A)	REK1144	Not used	Not used	
	P109-11	Fuse (FU51 : T1.25 A)	Not used	AEK7074	AEK7074	
	P109-12	Fuse (FU1 : 10 A)	VEK1029	Not used	Not used	
	P109-12	Fuse (FU1 : T5 A)	Not used	AEK1061	AEK1061	
		FRONT SECTION				
	P111-13	Filter	AAK8443	AAK8459	AAK8459	
	P111-14	Display Panel	AAK8488	AAK8492	AAK8492	
	P111-15	Power Ring	AAK8507	AAK8477	AAK8477	
	P111-16	Door Sheet	AAK8535	AAK8536	AAK8536	
	P111-24	Front Panel	ANB7531	ANB7532	ANB7536	
	P111-25	Door Panel	ANB7538	ANB7539	ANB7539	
	P111-28	P Base ASSY	AZN8040	AZN8041	AZN8041	
	P111-29	Pioneer Badge	VAM1159	VAM1158	VAM1158	
	P111-30	STDBY BTN ASSY	XAD3216	AAD7773	AAD7773	

Notes : The numbers in the remarks column correspond to the numbers on the "EXPLODED VIEWS".

For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES" and "2. SCHEMATIC DIAGRAM".

EXPLODED VIEWS PACKING SECTION

A



B

CONTRAST OF PCB ASSEMBLIES

A F AUDIO ASSY

AWX9647 and AWX9648 are constructed the same except for the following:

Mark	Symbol and Description	AWX9647	AWX9648	Remarks
C	IC3931	Not used	LC72725KM	
	X3931 Crystal Resonator(4.332 MHz)	Not used	ASS7004	
	R3931, R3932	RS1/10SR0R0J	RS1/10SR220J	
	R3933	RS1/10SR0R0J	RS1/10SR473J	
	R2663, R2664	RS1/10SR331J	RS1/10SR561J	
	R2707, R2708	RS1/10SR331J	RS1/10SR562J	
	R3001, R3002	RS1/10SR472J	RS1/10SR512J	
	R2709, R2710	RS1/10SR562J	RS1/10SR331J	
	C3939, C3940	CCSRCH101J50	CCSRCH100D50	
	C3932	CCSRCH102J50	CCSRCH101J50	
D	C3051, C3052	CCSRCH102J50	CCSRCH331J50	
	C2691, C2692	CCSRCH331J50	CCSRCH101J50	
	C3934	CKSRYB103K50	CKSRYB104K50	
	C2681, C2682, C3905	CKSRYB104K16	CKSRYB104K50	
	C2673-C2676	CKSRYB122K50	CCSRCH122J50	
	C3167	Not used	CCSRCH100D50	
	C2501-C2504, C2521-C2524	Not used	CCSRCH101J50	
	C2541-C2544, C2561, C2562	Not used	CCSRCH101J50	
	C2581-C2584, C2601-C2604	Not used	CCSRCH101J50	
	C2621, C2622, C2641-C2644	Not used	CCSRCH101J50	
E	C2852, C2853, C3113, C3114	Not used	CCSRCH101J50	
	C3163, C3164, C3213, C3214	Not used	CCSRCH101J50	
	C3263, C3264, C3283, C3284	Not used	CCSRCH101J50	
	C2563, C2564, C2623, C2624	Not used	CCSRCH220J50	
	C2661, C2662	Not used	CCSRCH221J50	
	C3937, C3938	Not used	CCSRCH270J50	
	C2665, C2666, C3111, C3112	Not used	CCSRCH331J50	
	C3161, C3162, C3211, C3212	Not used	CCSRCH331J50	
	C3261, C3262, C3281, C3282	Not used	CCSRCH331J50	
	C2951, C2952, C2971, C2972	Not used	CCSRCH471J50	
F	C2667, C2668, C3933	Not used	CCSRCH561J50	
	C3941	Not used	CKSRYB103K50	
	C3942	Not used	CKSRYB104K50	
	C3936	Not used	CKSRYB472K50	
	C3931	Not used	CEAK221M16	
	C3935	Not used	CEAK220M50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

B F DAC HIGH ASSY

AWX9622 and AWX9711 are constructed the same except for the following:

Mark	Symbol and Description	AWX9622	AWX9711	Remarks
	D2130	1SS302	Not used	
	JA2101 Socket	BKP1127	Not used	
	R2133, R2134, R2144, R2145	Not used	RS1/10SR0R0J	
	R2231-R2233	Not used	RS1/10SR0R0J	
	R2135	RS1/10SR0R0J	Not used	
	R2142, R2143	RS1/10SR331J	Not used	
	R2140, R2141	RS1/10SR474J	Not used	
	R2492	RS1/8SQ105J	RS1/8SQ474J	
	C2124, C2126	CKSRYB103K50	Not used	
	C2006, C2010-C2015, C2122	CKSRYB104K16	CKSRYB104K50	
	C2446, C2480	CKSRYB104K16	CKSRYB104K50	
	C2020, C2023, C2027, C2028	CKSSYB104K10	CKSSYB104K16	
	C2033, C2047, C2106, C2176	CKSSYB104K10	CKSSYB104K16	
	C2183, C2429, C2482	CKSSYB104K10	CKSSYB104K16	
	C2127, C2128	CEAT220M50	Not used	

C F DAC LOW ASSY

AWX9658 and AWX9659 are constructed the same except for the following:

Mark	Symbol and Description	AWX9658	AWX9659	Remarks
	D2130	1SS302	Not used	
	JA2101 Socket	BKP1127	Not used	
	R2130-R2134, R2144, R2145	Not used	RS1/10SR0R0J	
	R2135	RS1/10SR0R0J	Not used	
	R2140, R2141	RS1/10SR474J	Not used	
	R2142, R2143	RS1/10SR331J	Not used	
	C2124, C2126	CKSRYB103K50	Not used	
	C2127, C2128	CEAK220M50	Not used	

E F MULTI CH IN ASSY

AWX9616 and AWX9698 are constructed the same except for the following:

Mark	Symbol and Description	AWX9616	AWX9698	Remarks
	C7761-C7764, C7767-C7770	Not used	CCSRCH101J50	
	C7773-C7776, C7779-C7782	Not used	CCSRCH101J50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

F F DIGITAL MAIN ASSY

AWX9620 and AWX9627 are constructed the same except for the following:

Mark	Symbol and Description	AWX9620	AWX9627	Remarks
	IC1809	TC74VHC157FK	Not used	
	IC1801	AAT4614AIGU-2	Not used	
	IC1806	TC74VHC125FK	Not used	
	IC1808	TC74LCX157FK	Not used	
	IC1816	NJM2872BF33	Not used	
	IC1803	BU9450KV	Not used	
	D602, D604	1SS352	Not used	
	D1801, D1802	HZU5R6(B2)	Not used	
	L1801, L1802, L1806, L1808	QTL1013	Not used	
	L1811 Chip Solid Inductor	QTL1013	Not used	
	X1801 Crystal	ASS7095	Not used	
	JA1801 4p Socket	AKP7201	Not used	
	R1805	Not used	RS1/10SR0R0J	

Mark	Symbol and Description	AWX9620	AWX9627	Remarks	
A	R1856, R1857, R1859, R1860 R1907, R1909, R1910	Not used Not used	RS1/16SS0R0J RS1/16SS0R0J		
	R724, R725, R738 R1823, R1828 R1814 R1818 R739, R1806, R1807, R1819	Not used RS1/10SR101J RS1/10SR104J RS1/16SS0R0J RS1/16SS101J	RS1/16SS101J Not used Not used Not used Not used		
	R1820, R1824-R1827, R1829 R1843, R1863, R1864, R1866 R1867, R1869-R1874 R1901, R1902 R1808, R1809, R1812	RS1/16SS101J RS1/16SS101J RS1/16SS101J RS1/16SS101J RS1/16SS102J	Not used Not used Not used Not used Not used		
	R1905, R1906 R1801 R1817, R1821, R1822, R1831 R1832, R1834, R1835 R1813	RS1/16SS102J RS1/16SS103J RS1/16SS104J RS1/16SS104J RS1/16SS105J	Not used Not used Not used Not used Not used		
	R1868, R1892 R1846, R1847, R1865 R1830 R1891 R1833	RS1/16SS151J RS1/16SS470J RS1/16SS473J RS1/16SS680J RAB4CQ470J	Not used Not used Not used Not used Not used		
	B	C1855 C1014 C1802, C1812 C173 C9037, C9038	CCSSCH100D50 CCSSCH101J50 CCSSCH101J50 CCSSCH102J50 CCSSCH471J50	Not used CCSSCH100D50 Not used CCSSCH100D50 CCSSCH330J50	
		C1826, C1833, C1835 C1810, C1811 C1807 C1803, C1844 C9807, C9808	CCSSCH471J50 CCSSCH8R0D50 CEVLW101M10 CEVW101M16 CKSQYB104K25	Not used Not used Not used Not used CKSQYB104K50	
		C1854 C9817, C9823, C9850 C1804 C1801 C632, C661, C937, C946	CKSQYB225K10 CKSRYB104K16 CKSRYB104K16 CKSRYB105K10 CKSSYB104K10	Not used CKSRYB104K50 Not used Not used CKSSYB104K16	
		C969, C976, C1296, C1341 C1362, C1367-C1370, C1385 C9043, C9066, C9083, C9095 C9099, C9108, C9110, C9214 C9215, C9221, C9225, C9243	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	CKSSYB104K16 CKSSYB104K16 CKSSYB104K16 CKSSYB104K16 CKSSYB104K16	
		C9253, C9255, C9306, C9308 C9533, C9569, C9589, C9595 C9600, C9894, C9896 C1805, C1806, C1808, C1809 C1813, C1815, C1819	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	CKSSYB104K16 CKSSYB104K16 CKSSYB104K16 Not used Not used	
C1820, C1825, C1832, C1834 C1852, C1853 C143, C144, C418, C9024 C9035, C9042, C9859, C9870 C406, C611, C9362		CKSSYB104K10 CKSSYB104K10 CKSSYB105K6R3 CKSSYB105K6R3 Not used	Not used Not used DCH1246 DCH1246 CCSSCH100D50		
C759, C760		Not used	CCSSCH101J50		

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

F DIGITAL MAIN ASSY

AWX9620 and AWX9628 are constructed the same except for the following:

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
	IC3	MX29LV640ETTI-70G-K	Not used	
	IC9202	D787E001BRFP250L-K	Not used	
	IC9001	AYW7333	AYW7334	
	IC606	TC74VHC126FK	Not used	
	IC1809	TC74VHC157FK	Not used	
	IC1812, IC9504	TC7SH08FUS1	Not used	
	IC9506	Not used	LAN9211-ABZJ-K	
	IC9505	RTL8201CP-LF-K	Not used	
	IC1801	AAT4614AIGU-2	Not used	
	IC105	Not used	TC7WHU04FU	
	IC605, IC1806	TC74VHC125FK	Not used	
	IC1808	TC74LCX157FK	Not used	
	IC9017	TC74LCX08FK	Not used	
	IC1816	NJM2872BF33	Not used	
	IC9802, IC9805	NJM2846DL3-33	Not used	
	IC9803	NJM2846DL3-18	Not used	
	IC9816	S-1172B12-U5	Not used	
	IC9502	K4S281632K-UC60-K	Not used	
	IC9201	IS42S16100E-6TL-K	Not used	
	IC1803	BU9450KV	Not used	
	D602, D604	1SS352	Not used	
	D1801, D1802	HZU5R6(B2)	Not used	
	D9809	1SR154-400	Not used	
	L9501, L9502, L9504, L9505	ATF1211	Not used	
	L9511 Chip Beads	Not used	ATL7010	
	L101, L604, L605, L1801	QTL1013	Not used	
	L1802, L1806, L1808, L1809	QTL1013	Not used	
	L1811, L9021, L9201	QTL1013	Not used	
	L9203-L9205, L9503	QTL1013	Not used	
	L9506-L9510, L9811	QTL1013	Not used	
	L106, L9512	Not used	QTL1013	
	L9202 Inductor	CTF1357	Not used	
	X102 Crystal (27 MHz)	Not used	ASS7092	
	X1801 Crystal	ASS7095	Not used	
	X9501 Crystal	ASS7098	Not used	
	X9502 Crystal (25 MHz)	Not used	ASS7098	
	X101 Crystal Oscillator	ASS7103	Not used	
	JA1801 4p Socket	AKP7201	Not used	
	CN9501 5p Connector	VKN1374	Not used	
	R9213	RS1/16SS914J	Not used	
	R9662	Not used	RS1/16SS1202F	
	R9643, R9651	Not used	RAB4CQ100J	
	R9620, R9621, R9640, R9646	Not used	RAB4CQ220J	
	R1805	Not used	RS1/10SR0R0J	
	R148, R648-R650, R1856	Not used	RS1/16SS0R0J	
	R1857, R1859, R1860, R1907	Not used	RS1/16SS0R0J	
	R1909, R1910, R9396-R9400	Not used	RS1/16SS0R0J	
	R9407, R9439, R9440, R9667	Not used	RS1/16SS0R0J	
	R9673, R9675-R9677, R9821	Not used	RS1/16SS0R0J	
	R9624, R9632	Not used	RS1/16SS100J	
	R724, R725, R738	Not used	RS1/16SS101J	
	R309	Not used	RS1/16SS102J	
	R9655, R9668, R9669	Not used	RS1/16SS103J	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
A	R9334	Not used	RS1/16SS104J	
	R308, R9666	Not used	RS1/16SS105J	
	R9686	Not used	RS1/16SS10R0D	
	R9625, R9656	Not used	RS1/16SS220J	
	R310	Not used	RS1/16SS270J	
	R1940, R9618, R9619, R9623	Not used	RS1/16SS473J	
	R9631	Not used	RS1/16SS473J	
	R9678-R9681	Not used	RS1/16SS49R9F	
	R9217, R9223	RAB4CQ103J	Not used	
	R9034	RAB4CQ151J	RAB4CQ470J	
B	R9515-R9517	RAB4CQ220J	Not used	
	R9592	RAB4CQ330J	Not used	
	R1833, R9201, R9214, R9215	RAB4CQ470J	Not used	
	R9227, R9228, R9233, R9235	RAB4CQ470J	Not used	
	R9239, R9246-R9249, R9514	RAB4CQ470J	Not used	
	R9518, R9558, R9564, R9587	RAB4CQ470J	Not used	
	R9588, R9614, R9615	RAB4CQ470J	Not used	
	R9540, R9593, R9594	RAB4CQ473J	Not used	
	R1823, R1828	RS1/10SR101J	Not used	
	R1814	RS1/10SR104J	Not used	
C	R9815	RS1/10SR121J	Not used	
	R111, R147, R1818, R9234	RS1/16SS0R0J	Not used	
	R9544, R9548, R9571, R9572	RS1/16SS0R0J	Not used	
	R9629, R9641, R9659, R9660	RS1/16SS0R0J	Not used	
	R9670-R9672, R9674, R9843	RS1/16SS0R0J	Not used	
	R9868	RS1/16SS0R0J	Not used	
	R640, R641, R659, R719	RS1/16SS101J	Not used	
	R739, R777, R813, R1806	RS1/16SS101J	Not used	
	R1807, R1819, R1820	RS1/16SS101J	Not used	
	R1824-R1827, R1829, R1843	RS1/16SS101J	Not used	
D	R1863, R1864, R1866, R1867	RS1/16SS101J	Not used	
	R1869, R1870-R1874, R1901	RS1/16SS101J	Not used	
	R1902, R9114, R9115	RS1/16SS101J	Not used	
	R9202-R9209, R9219-R9221	RS1/16SS101J	Not used	
	R9231, R9505, R9506, R9536	RS1/16SS101J	Not used	
	R9111, R9433, R9436	RS1/16SS101J	RS1/16SS0R0J	
	R1808, R1809, R1812, R1905	RS1/16SS102J	Not used	
	R1906	RS1/16SS102J	Not used	
	R102, R1801, R9218, R9222	RS1/16SS103J	Not used	
	R9232, R9240, R9241, R9401	RS1/16SS103J	Not used	
E	R9510-R9512, R9529-R9531	RS1/16SS103J	Not used	
	R9537, R9555, R9557, R9560	RS1/16SS103J	Not used	
	R9561, R9563, R9565, R9566	RS1/16SS103J	Not used	
	R9583, R9604, R9605	RS1/16SS103J	Not used	
	R101	RS1/16SS104J	Not used	
	R779	RS1/16SS104J	Not used	
	R1817, R1821, R1822, R1831	RS1/16SS104J	Not used	
	R1832, R1834, R1835, R9533	RS1/16SS104J	Not used	
	R1813, R9210, R9582, R9622	RS1/16SS105J	Not used	
	R1868, R1892	RS1/16SS151J	Not used	
F	R9654	RS1/16SS152J	Not used	
	R9626-R9628, R9634, R9635	RS1/16SS153J	Not used	
	R9653	RS1/16SS2001F	Not used	
	R9225, R9245, R9522, R9524	RS1/16SS220J	Not used	
	R9526-R9528, R9553, R9598	RS1/16SS220J	Not used	
	R9613	RS1/16SS220J	Not used	
	R9427	RS1/16SS220J	RS1/16SS0R0J	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
	R9616	RS1/16SS221J	Not used	
	R9840	RS1/16SS222J	Not used	
	R9521, R9637	RS1/16SS330J	Not used	A
	R9805	RS1/16SS333J	RS1/16SS183J	
	R675, R681, R682, R1846	RS1/16SS470J	Not used	
	R1847, R1865, R1887, R1903	RS1/16SS470J	Not used	
	R9126, R9127, R9211, R9212	RS1/16SS470J	Not used	
	R9224, R9226, R9229, R9230	RS1/16SS470J	Not used	
	R9236-R9238, R9242-R9244	RS1/16SS470J	Not used	
	R9413, R9414, R9507, R9520	RS1/16SS470J	Not used	
	R9523, R9525, R9532, R9535	RS1/16SS470J	Not used	
	R9538, R9549, R9551, R9556	RS1/16SS470J	Not used	
	R9562, R9567, R9579, R9610	RS1/16SS470J	Not used	B
	R9687	RS1/16SS470J	Not used	
	R9422, R9426, R9428, R9431	RS1/16SS470J	RS1/16SS0R0J	
	R9435	RS1/16SS470J	RS1/16SS0R0J	
	R9122	RS1/16SS470J	RS1/16SS680J	
	R9508, R9509, R9519, R9550	RS1/16SS472J	Not used	
	R9559, R9568, R9570, R9591	RS1/16SS472J	Not used	
	R9638, R9639, R9642, R9644	RS1/16SS472J	Not used	
	R9645, R9647, R9648, R9650	RS1/16SS472J	Not used	
	R9652	RS1/16SS472J	Not used	
	R676, R677, R1830	RS1/16SS473J	Not used	C
	R9501-R9504, R9513, R9534	RS1/16SS473J	Not used	
	R9541, R9543, R9546, R9552	RS1/16SS473J	Not used	
	R9554, R9569, R9574, R9576	RS1/16SS473J	Not used	
	R9578, R9580, R9584-R9586	RS1/16SS473J	Not used	
	R9589, R9590, R9595-R9597	RS1/16SS473J	Not used	
	R9599-R9603, R9606-R9609	RS1/16SS473J	Not used	
	R9612	RS1/16SS473J	Not used	
	R9657, R9658, R9661, R9663	RS1/16SS49R9F	Not used	
	R1891	RS1/16SS680J	Not used	
	R9105	RS1/16SS680J	RS1/16SS470J	D
	R9834	RS1/8SQ225J	Not used	
	C1013, C9874	ACH7306	Not used	
	C634, C651, C1855, C9310	CCSSCH100D50	Not used	
	C1014	CCSSCH101J50	CCSSCH100D50	
	C1802, C1812, C9503, C9505	CCSSCH101J50	Not used	
	C9552	CCSSCH101J50	Not used	
	C173	CCSSCH102J50	CCSSCH100D50	
	C627, C646, C9535, C9542	CCSSCH102J50	Not used	
	C9567	CCSSCH102J50	Not used	
	C9336	CCSSCH270J50	Not used	
	C9037, C9038	CCSSCH471J50	CCSSCH330J50	E
	C103, C1826, C1833, C1835	CCSSCH471J50	Not used	
	C1841, C9111, C9204, C9207	CCSSCH471J50	Not used	
	C9211, C9213, C9220, C9226	CCSSCH471J50	Not used	
	C9227, C9233, C9235, C9236	CCSSCH471J50	Not used	
	C9239, C9245, C9248, C9251	CCSSCH471J50	Not used	
	C9254, C9256, C9261, C9305	CCSSCH471J50	Not used	
	C9512, C9516, C9518, C9521	CCSSCH471J50	Not used	
	C9524, C9529, C9531, C9534	CCSSCH471J50	Not used	
	C9539, C9540, C9548-C9550	CCSSCH471J50	Not used	
	C9560, C9562, C9573, C9575	CCSSCH471J50	Not used	F
	C9587	CCSSCH471J50	Not used	
	C1810, C1811	CCSSCH8R0D50	Not used	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
A	C9571, C9581	CCSSCH9R0D50	Not used	
	C9546, C9547	CEVLW100M16	Not used	
	C1807, C9514, C9590	CEVLW101M10	Not used	
	C9565	CEVLW220M16	Not used	
	C9572	CEVLW330M25	Not used	
	C9102, C9107	CEVLW470M16	Not used	
	C9242	CEVW100M16	Not used	
	C1565, C1803, C1829, C1844	CEVW101M16	Not used	
	C9201, C9216, C9830	CEVW101M16	Not used	
	C9501	CEVW101M4	Not used	
B	C9553, C9568	CEVW220M16	Not used	
	C9101, C9510, C9839	CEVW221M4	Not used	
	C9092, C9867	CFHXSQ103J16	Not used	
	C9807, C9808	CKSQYB104K25	CKSQYB104K50	
	C1854, C9833, C9849	CKSQYB225K10	Not used	
	C101, C9841, C9879, C9889	CKSQYB475K6R3	Not used	
	C9817, C9823	CKSRYB104K16	CKSRYB104K50	
	C1804, C9229, C9240, C9250	CKSRYB104K16	Not used	
	C9834, C9850	CKSRYB104K16	Not used	
	C1801	CKSRYB105K10	Not used	
C	C9513, C9517, C9574, C9586	CKSSYB103K16	Not used	
	C632, C661, C937, C946	CKSSYB104K10	CKSSYB104K16	
	C969, C976, C1296, C1341	CKSSYB104K10	CKSSYB104K16	
	C1362, C1367-C1370, C1385	CKSSYB104K10	CKSSYB104K16	
	C9043, C9066, C9083, C9095	CKSSYB104K10	CKSSYB104K16	
	C9099, C9108, C9306, C9308	CKSSYB104K10	CKSSYB104K16	
	C9894, C9896	CKSSYB104K10	CKSSYB104K16	
	C102, C625, C652, C1805	CKSSYB104K10	Not used	
	C1806, C1808, C1809	CKSSYB104K10	Not used	
	C1813-C1815, C1819, C1820	CKSSYB104K10	Not used	
D	C1825, C1832, C1834, C1840	CKSSYB104K10	Not used	
	C1852, C1853, C9110, C9203	CKSSYB104K10	Not used	
	C9205, C9206, C9208-C9210	CKSSYB104K10	Not used	
	C9212, C9214, C9215	CKSSYB104K10	Not used	
	C9221-C9225, C9228	CKSSYB104K10	Not used	
	C9230-C9232, C9234, C9237	CKSSYB104K10	Not used	
	C9238, C9241, C9243, C9244	CKSSYB104K10	Not used	
	C9246, C9247, C9249, C9252	CKSSYB104K10	Not used	
	C9253, C9255, C9257-C9260	CKSSYB104K10	Not used	
	C9262, C9502, C9504	CKSSYB104K10	Not used	
E	C9506-C9509, C9511, C9515	CKSSYB104K10	Not used	
	C9519, C9520, C9522, C9523	CKSSYB104K10	Not used	
	C9525-C9528, C9530, C9532	CKSSYB104K10	Not used	
	C9533, C9536-C9538, C9541	CKSSYB104K10	Not used	
	C9543-C9545, C9551	CKSSYB104K10	Not used	
	C9554-C9559, C9561, C9566	CKSSYB104K10	Not used	
	C9569, C9570, C9580, C9589	CKSSYB104K10	Not used	
	C9595, C9600, C9619, C9620	CKSSYB104K10	Not used	
	C9843, C9847	CKSSYB104K10	Not used	
	C143, C144, C418, C9024	CKSSYB105K6R3	DCH1246	
F	C9035, C9042, C9859, C9870	CKSSYB105K6R3	DCH1246	
	C9811	CKSSYB222K50	CCSSCH102J50	
	C9564	CSZS330M6R3	Not used	
	C201, C406, C611, C9362	Not used	CCSSCH100D50	
	C759, C760	Not used	CCSSCH101J50	
	C203, C9577, C9579, C9583	Not used	CCSSCH102J50	
	C9585, C9591, C9593, C9598	Not used	CCSSCH102J50	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
	C9603, C9605, C9607, C9609 C9613	Not used Not used	CCSSCH102J50 CCSSCH102J50	
	C200, C9614, C9615 C9610 C9592 C202, C9576, C9588, C9594 C9604, C9612	Not used Not used Not used Not used Not used	CCSSCH120J50 CEVW101M4 CKSQYB106K6R3 CKSSYB104K10 CKSSYB104K10	
	C9578, C9582, C9599, C9602 C9606, C9608, C9611 C9616 C140, C985, C1355 C156	Not used Not used Not used VCH1277 VCH1268	CKSSYB105K6R3 CKSSYB105K6R3 CKSSYB223K16 CEVW221M4 CEVW101M4	
	C9597 C1108 C9801	Not used VCH1234 VCH1234	VCH1268 CEVW101M16 Not used	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

G F INTERFACE ASSY

AWX9605 and AWX9701 are constructed the same except for the following:

Mark	Symbol and Description	AWX9605	AWX9701	Remarks
	IC7002 Q7018 Q7020 D7016 D7018	NJM7805FA LSC4081UB 2SD1763A D3SBA20(B) PTZ9R1(B)	Not used Not used Not used Not used Not used	
	H7003, H7004 Fuse Clip 7003, 7004 Heat Sink 7023, 7024 Screw R7060 R7064	AKR1004 ANH7224 BBZ30P080FCC RS1/10SR102J RS1/10SR221J	Not used Not used Not used Not used Not used	
	R7066 C7102, C7105 C7078, C7091, C7092 C7039 C7104	RS1/10SR100J CCSRCH101J50 CCSRCH102J50 CFTLA274J50 CFTLA394J50	Not used Not used Not used Not used Not used	
	C7066 C7057, C7079, C7093 C7049 C7063, C7072	CKSRYB103K50 CKSRYB104K50 CEAK332M25-F CEAK101M25	Not used Not used Not used Not used	

H F COMPONENT ASSY

AWX9654 and AWX9656 are constructed the same except for the following:

Mark	Symbol and Description	AWX9654	AWX9656	Remarks
	JA8305 3p Pin Jack Ni R8317, R8319, R8321 R8316, R8318, R8320	AKB7227 RS1/10SR3R9J RS1/10SR68ROD	Not used Not used Not used	

K F DISPLAY ASSY

AWX9600, AWX9681 and AWX9688 are constructed the same except for the following:

Mark	Symbol and Description	AWX9600	AWX9681	AWX9688	Remarks
R8277		RS1/10SR473J	Not used	Not used	
R8278		Not used	RS1/10SR473J	RS1/10SR473J	
R8279		Not used	Not used	RS1/10SR473J	
R8280		RS1/10SR473J	RS1/10SR473J	Not used	
C8014		CKSRYB105K10	CKSRYB105K16	CKSRYB105K16	
C8018		CKSRYB104K16	CCSRCH150J50	CCSRCH150J50	
C8033		CKSRYB471K50	CCSRCH471J50	CCSRCH471J50	
C8227		CKSRYB104K16	CCSRCH100D50	CCSRCH100D50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

P F ICEPOWER AMP ASSY

AWH7024, AWH7027 and AWH7026 are constructed the same except for the following:

Mark	Symbol and Description	AWH7024	AWH7027	AWH7026	Remarks
JA4301, JA4501, JA4901	Sp Terminal 4-p	AKE7149	AKE7147	AKE7143	
JA4101	Sp Terminal 6-p	AKE7150	AKE7148	AKE7144	
R4184-R4186, R4284-R4286		Not used	ACN7180	ACN7180	
R4384-R4386, R4484-R4486		Not used	ACN7180	ACN7180	
R4584-R4586, R4684-R4686		Not used	ACN7180	ACN7180	
R4784-R4786, R4935	Chip Resistor	Not used	ACN7180	ACN7180	
R4172, R4372, R4572, R4772		Not used	RS1/8SQ105J	RS1/8SQ105J	
R4910		RS1/4SA105J	RS1/4SA103J	RS1/4SA103J	
C4028, C4926		CKSRYB103K25	CKSRYB103K50	CKSRYB103K50	
C4152, C4153, C4229, C4252		CKSRYB104K16	CKSRYB104K50	CKSRYB104K16	
C4253, C4258, C4329, C4352		CKSRYB104K16	CKSRYB104K50	CKSRYB104K16	
C4353, C4429, C4452, C4453		CKSRYB104K16	CKSRYB104K50	CKSRYB104K16	
C4458, C4529, C4552, C4553		CKSRYB104K16	CKSRYB104K50	CKSRYB104K16	
C4629, C4652, C4653, C4658		CKSRYB104K16	CKSRYB104K50	CKSRYB104K16	
C4729, C4752, C4753, C4758		CKSRYB104K16	CKSRYB104K50	CKSRYB104K16	
C4005, C4006, C4026, C4031		CKSRYB104K16	CKSRYB104K50	CKSRYB104K50	
C4032-C4035, C4042, C4129		CKSRYB104K16	CKSRYB104K50	CKSRYB104K50	
C4156, C4356, C4556, C4756		CKSRYB104K16	CKSRYB104K50	CKSRYB104K50	
C4914, C4915		CKSRYB104K16	CKSRYB104K50	CKSRYB104K50	
C4909, C4924, C4925		CKSRYB104K25	CKSRYB104K50	CKSRYB104K50	
C4129		CKSRYB104K50	CKSRYB104K50	CKSRYB104K16	
C4022, C4025, C4230, C4330		CKSRYB105K10	CKSRYB105K16	CKSRYB105K10	
C4430, C4530, C4630, C4730		CKSRYB105K10	CKSRYB105K16	CKSRYB105K10	
C4040, C4118, C4130, C4148		CKSRYB105K10	CKSRYB105K16	CKSRYB105K16	
C4218, C4248, C4318, C4348		CKSRYB105K10	CKSRYB105K16	CKSRYB105K16	
C4418, C4448, C4518, C4548		CKSRYB105K10	CKSRYB105K16	CKSRYB105K16	
C4618, C4648, C4718, C4748		CKSRYB105K10	CKSRYB105K16	CKSRYB105K16	
C4818		CKSRYB105K10	CKSRYB105K16	CKSRYB105K16	
C4130		CKSRYB105K16	CKSRYB105K16	CKSRYB105K10	
C4157, C4257, C4357, C4457		CKSRYB222K50	CCSRCH222J50	CCSRCH222J50	
C4557, C4657, C4757, C4857		CKSRYB222K50	CCSRCH222J50	CCSRCH222J50	

Q F PRIMARY ASSY

AWX9604 and AWX9693 are constructed the same except for the following:

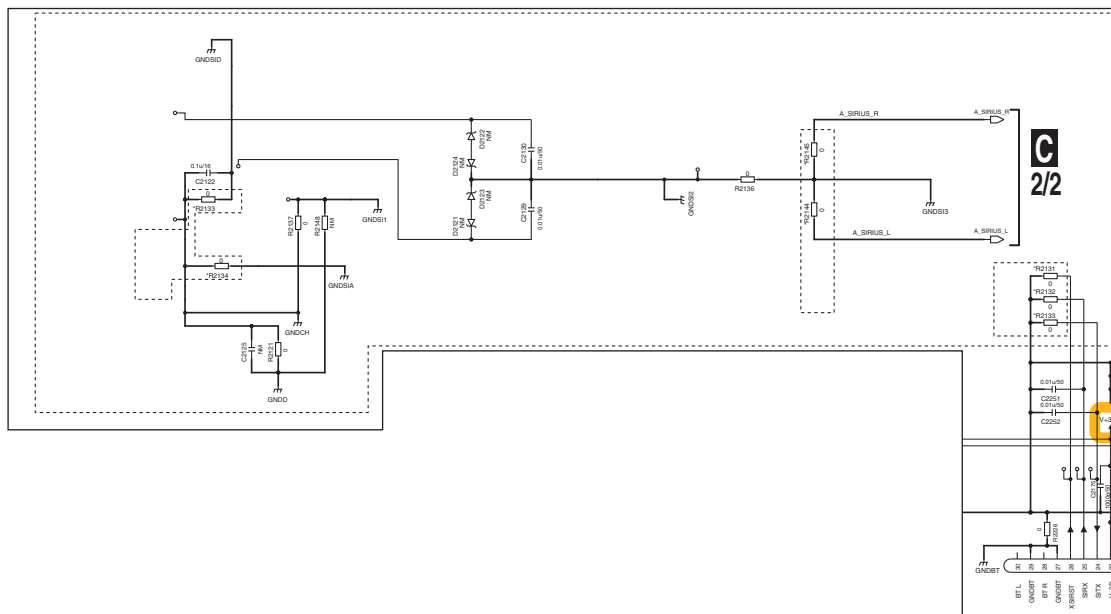
Mark	Symbol and Description	AWX9604	AWX9693	Remarks
L1	Line Filter	ATF7048	ATF7050	
VA1	Varistor	Not used	TND10V-511KB00AAA0	
CN81	Connector	B2P3-VH	Not used	
CN82	Connector (VH)	Not used	B3P5-VH	
R4		RS1/10SR182J	RS1/10SR821J	
R14		RS1/10SR0R0J	RS1/10SR1001F	
C61		Not used	CCSRCH100D50	
C81	Film Capacitor	ACE7013	Not used	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

2. SCHEMATIC DIAGRAM

2.1 DAC HIGH ASSY

B 1/2 F DAC HIGH ASSY (1/2)
(AWX9711)

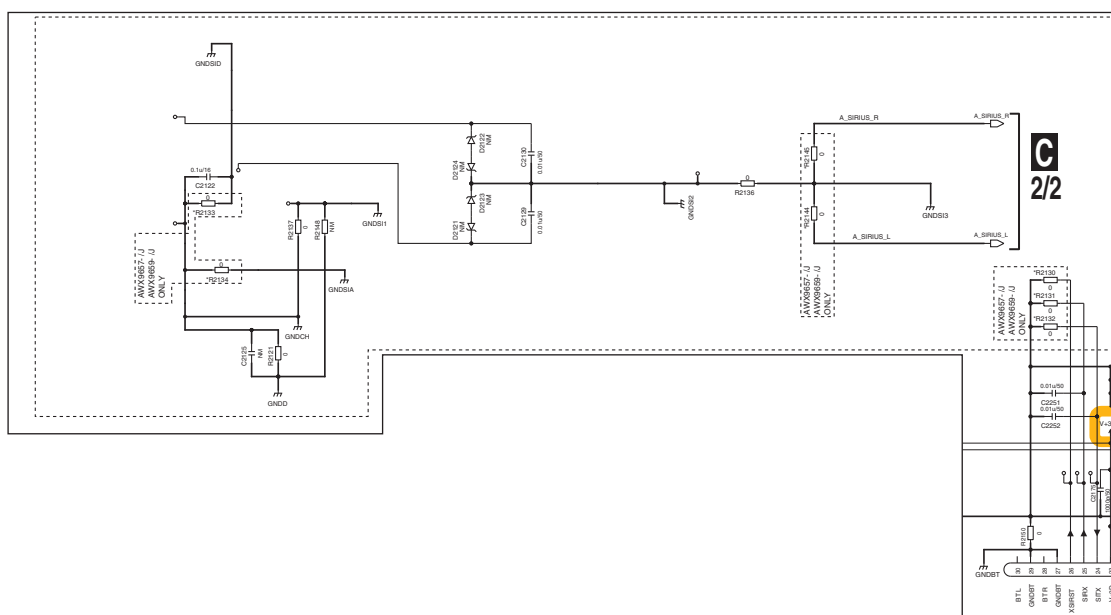


B 1/2 F

B 1/2 F

2.2 DAC LOW ASSY

C 1/2 F DAC LOW ASSY (1/2)
(AWX9659)

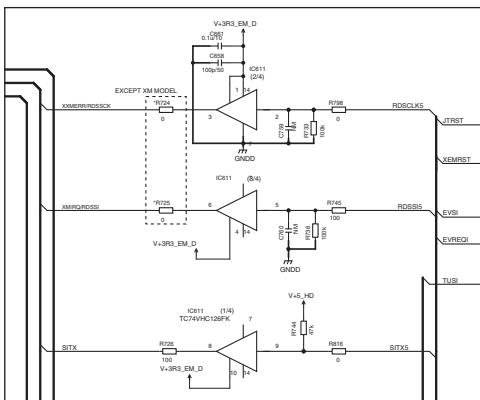


C 1/2 F

C 1/2 F

2.3 DIGITAL MAIN ASSY (2/10)

E2/10 F DIGITAL MAIN ASSY (2/10) (AWX9627, AWX9628)

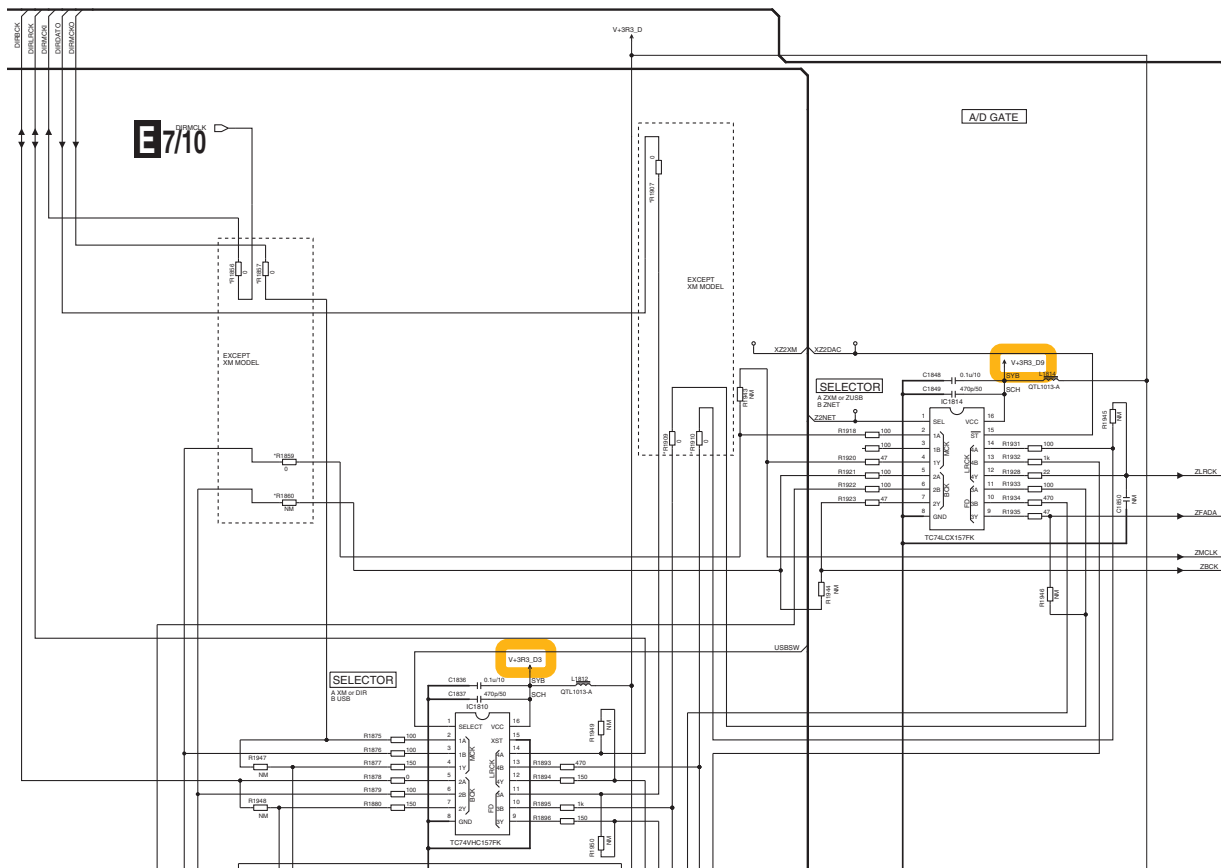


E2/10 F

E2/10 F

2.4 DIGITAL MAIN ASSY (6/10)

E6/10 F DIGITAL MAIN ASSY (6/10) (AWX9627, AWX9628)

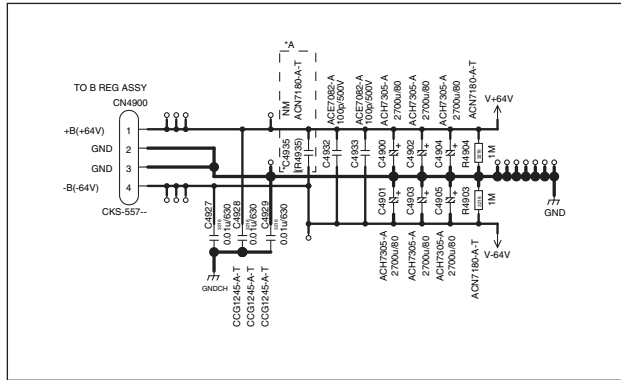


E6/10 F

E6/10 F

2.5 ICEPOWER AMP ASSY (1/5)

P 1/5 ICEPOWER AMP ASSY (1/5)
 (SC-LX83/SYXJ5 : AWH7027)
 (SC-LX73/SYXJ5 : AWH7026)

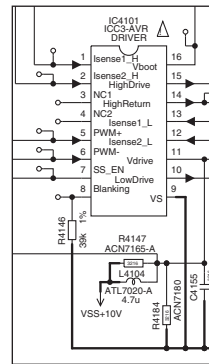
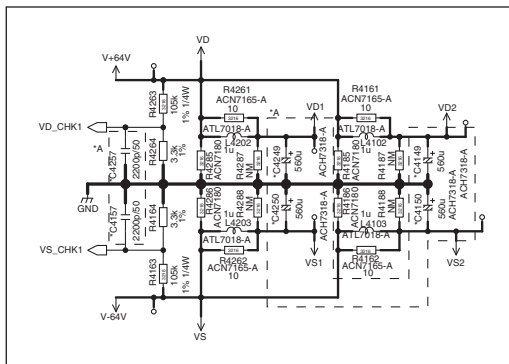
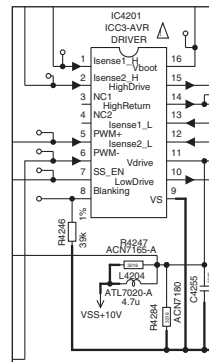


P 1/5 F

P 1/5 F

2.6 ICEPOWER AMP ASSY (2/5)

P 2/5 ICEPOWER AMP ASSY (2/5)
 (SC-LX83/SYXJ5 : AWH7027)
 (SC-LX73/SYXJ5 : AWH7026)

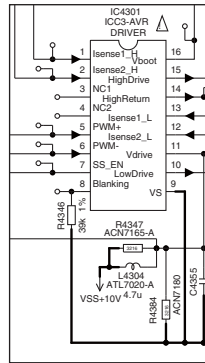
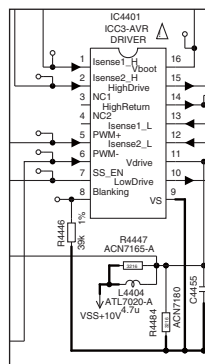
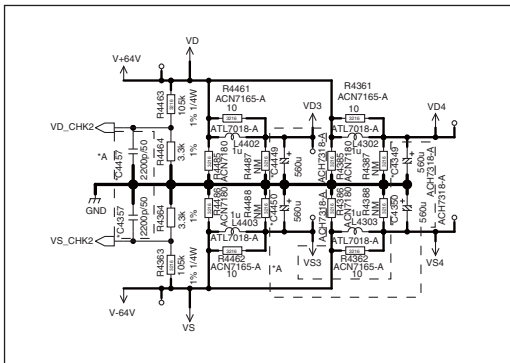


P 2/5 F

P 2/5 F

2.7 ICEPOWER AMP ASSY (3/5)

P_{3/5} ICEPOWER AMP ASSY (3/5)
(SC-LX83/SYXJ5 : AWH7027)
(SC-LX73/SYXJ5 : AWH7026)

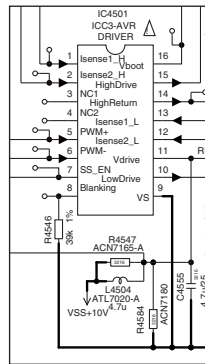
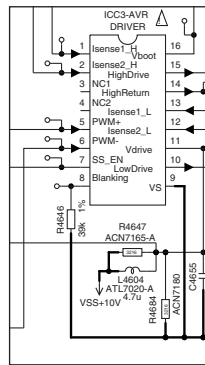
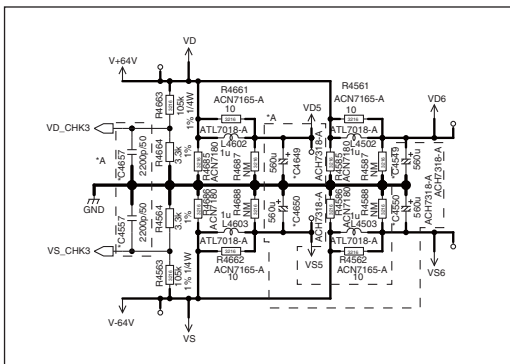


P_{3/5} F

P_{3/5} F

2.8 ICEPOWER AMP ASSY (4/5)

P_{4/5} ICEPOWER AMP ASSY (4/5)
(SC-LX83/SYXJ5 : AWH7027)
(SC-LX73/SYXJ5 : AWH7026)

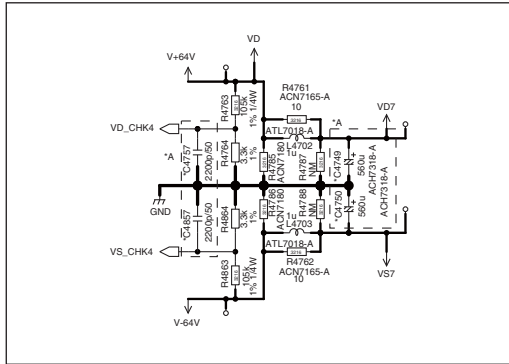
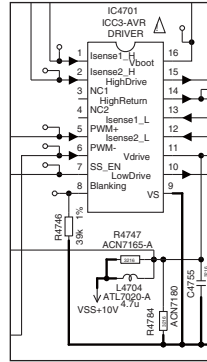


P_{4/5} F

P_{4/5} F

2.9 ICEPOWER AMP ASSY (5/5)

P5/5 ICEPOWER AMP ASSY (5/5)
 (SC-LX83/SYXJ5 : AWH7027)
 (SC-LX73/SYXJ5 : AWH7026)



P5/5 F

P5/5 F