

Pioneer

Service Manual

ORDER NO.
RRV4140

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	The voltage can be converted by the following method.
SC-LX83	FXJ	AC 110 V	-----
SC-LX83	DLPWXJ	AC 220 V to 230 V / 240 V	With the voltage selector
SC-LX73	FXJ	AC 110 V	-----
SC-LX73	DLPWXJ	AC 220 V to 230 V / 240 V	With the voltage selector

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

Model No.	Order No.	Remarks
SC-37/UXJCB SC-37/UXJCB	RRV4137 RRV4138	PCB RETRIEVAL DIAGRAM

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  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 RN2H R 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/FXJ, SC-LX83/DLPWXJ, SC-LX73/FXJ and SC-LX73/DLPWXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-37 /UXJCB	SC-LX83 /FXJ	SC-LX83 /DLPWXJ	SC-LX73 /FXJ	SC-LX73 /DLPWXJ	Remarks
C	NSP	PCB ASSEMBLIES						
	P107-10	1..AUDIO_COMPOSITE ASSY 2..AUDIO ASSY	AWR7090 AWX9647	AWR7100 AWX9735	AWR7100 AWX9735	AWR7100 AWX9735	AWR7100 AWX9735	
	P107-12	1..DIGITAL MAIN ASSY	AWX9620	AWX9627	AWX9627	AWX9628	AWX9628	
	P107-13	1..DAC HIGH ASSY	AWX9622	AWX9711	AWX9711	Not used	Not used	
	P107-14	1..DAC LOW ASSY	Not used	Not used	Not used	AWX9659	AWX9659	
	P107-15	1..COMPONENT ASSY	AWX9654	AWX9654	AWX9654	AWX9656	AWX9656	
D	NSP	1..ICEPOWER AMP ASSY	AWH7024	AWH7031	AWH7031	AWH7033	AWH7033	
	P109-4	1..INTERFACE_REG ASSY 2..INTERFACE ASSY	AWR7085 AWX9605	AWR7096 AWX9701	AWR7096 AWX9701	AWR7096 AWX9701	AWR7096 AWX9701	
	NSP	1..MIC HP ICE ASSY 2..ICE BUFFER ASSY	AWM8190 AWX9598	AWM8245 AWX9748	AWM8245 AWX9748	AWM8244 AWX9747	AWM8244 AWX9747	
E	NSP	1..PRIM_DISPLAY ASSY 2..DISPLAY ASSY 2..PRIMARY ASSY	AWM8191 AWX9600 AWX9604	AWM8207 AWX9684 AWX9696	AWM8206 AWX9683 AWX9695	AWM8214 AWX9691 AWX9696	AWM8213 AWX9690 AWX9695	
		PACKING SECTION						
	P103-1	AC Power Cord	ADG7111	ADG7076	ADG7062	ADG7076	ADG7062	
	P103-3	IR Bluster Cable	ADF7007	ADF7007	ADF7007	Not used	Not used	
	P103-5	Protection Sheet LX	AEH7030	Not used	Not used	Not used	Not used	
	P103-8	Packing Case	AHD8677	AHD8679	AHD8680	AHD8686	AHD8687	
	P103-11	Operating Instrutions (En)	ARB7446	Not used	Not used	Not used	Not used	
		Operating Instrutions (En)	Not used	Not used	ARB7449	Not used	ARB7449	
		Operating Instrutions (Es)	Not used	Not used	ARC7957	Not used	ARC7957	
		Operating Instrutions (Zhtw)	Not used	ARC7956	Not used	ARC7956	Not used	
F	NSP	RF Remote Caution	ARM7131	ARM7131	ARM7131	Not used	Not used	
	P103-15	Warranty Card	ARY7007	Not used	Not used	Not used	Not used	
	P103-16	RF Remote Control Unit	AXD7580	AXD7580	AXD7580	Not used	Not used	
	P103-17	Remote Control Unit	Not used	Not used	Not used	AXD7592	AXD7592	
	P103-18	RF Receiver Box	AXX7272	AXX7272	AXX7272	Not used	Not used	
	P103-19	Battery Cover	AZN8049	AZN8049	AZN8049	Not used	Not used	
	P103-20	Battery Door	Not used	Not used	Not used	AZN8047	AZN8047	

Mark	No.	Symbol and Description	SC-37 /UXJCB	SC-LX83 /FXJ	SC-LX83 /DLPWXJ	SC-LX73 /FXJ	SC-LX73 /DLPWXJ	Remarks
NSP	P103-22	Dry Cell Battery (LR6)	VEM1047	VEM1053	VEM1053	Not used	Not used	A
NSP	P103-23	Dry Cell Battery (R3)	Not used	Not used	Not used	VEM1051	VEM1051	
		Caution 220-230V	Not used	Not used	ARR7023	Not used	ARR7023	
		Caution Card SD SB	Not used	Not used	ARM7063	Not used	ARM7063	
NSP		Compliance Label	Not used	Not used	AAX8218	Not used	Not used	
		EXTERIOR SECTION						
⚠	P105-8	Power Transformer (T1501)	ATS7430	ATS7433	ATS7431	ATS7433	ATS7431	
⚠	P105-9	Fuse (FU13, FU14 : 1 A)	REK1142	Not used	Not used	Not used	Not used	
⚠	P105-9	Fuse (FU13, FU14 : T 800 mA)	Not used	AEK7072	AEK7072	AEK7072	AEK7072	
⚠	P105-10	Fuse (FU11, FU12, FU15 : 1.25A)	REK1143	Not used	Not used	Not used	Not used	
⚠	P105-10	Fuse (FU11, FU12, FU15 : T 1 A)	Not used	AEK7073	AEK7073	AEK7073	AEK7073	
		REAR SECTION						
⚠	P105-11	Fuse (FU61, FU62 : 10 A)	REK1154	Not used	Not used	Not used	Not used	B
⚠	P105-11	Fuse (FU61, FU62 : 10 A)	Not used	VEK1029	VEK1029	VEK1029	VEK1029	
	P105-21	Insulator	AMR7198	Not used	Not used	Not used	Not used	
	P105-21	Insulator Assembly	Not used	DXA1904	DXA1904	DXA1904	DXA1904	
		FRONT SECTION						
	P107-16	FM/AM Tuner Unit	AXX7267	AXX7268	AXX7268	AXX7268	AXX7268	
	P107-24	Rear Panel	ANC8568	ANC8572	ANC8573	ANC8579	ANC8580	
		CHASSIS SECTION						
⚠	P109-9	Fuse (FU4 : 2 A)	REK1139	REK1139	Not used	REK1139	Not used	C
⚠	P109-9	Fuse (FU4 : 4 A)	Not used	Not used	REK1104	Not used	REK1104	
⚠	P109-10	Fuse (FU21, FU22, FU31, FU32 : 1.25 A)	REK1143	Not used	Not used	Not used	Not used	
⚠	P109-10	Fuse (FU21, FU22, FU31, FU32 : T 800 mA)	Not used	AEK7072	AEK7072	AEK7072	AEK7072	
⚠	P109-11	Fuse (FU51, FU52 : 1.6 A)	REK1144	Not used	Not used	Not used	Not used	
⚠	P109-11	Fuse (FU51 : T 1.25 A)	Not used	AEK7074	AEK7074	AEK7074	AEK7074	
⚠	P109-12	Fuse (FU1 : 10 A)	VEK1029	Not used	Not used	Not used	Not used	
⚠	P109-12	Fuse (FU1 : 10 A)	Not used	DEK1045	Not used	DEK1045	Not used	
⚠	P109-12	Fuse (FU1 : T5 A)	Not used	Not used	AEK1061	Not used	AEK1061	
		FRONT SECTION						
	P111-13	Filter	AAK8443	AAK8459	AAK8459	AAK8459	AAK8459	D
	P111-14	Display Panel	AAK8488	AAK8492	AAK8492	AAK8492	AAK8492	
	P111-15	Power Ring	AAK8507	AAK8477	AAK8477	AAK8477	AAK8477	
	P111-16	Door Sheet	AAK8535	AAK8536	AAK8536	AAK8536	AAK8536	
	P111-24	Front Panel	ANB7531	ANB7532	ANB7532	ANB7536	ANB7536	
	P111-25	Door Panel	ANB7538	ANB7539	ANB7539	ANB7539	ANB7539	
	P111-28	P Base ASSY	AZN8040	AZN8041	AZN8041	AZN8041	AZN8041	
	P111-29	Pioneer Badge	VAM1159	VAM1158	VAM1158	VAM1158	VAM1158	
	P111-30	STDBY BTN ASSY	XAD3216	AAD7773	AAD7773	AAD7773	AAD7773	

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

CONTRAST OF PCB ASSEMBLIES

AF AUDIO ASSY

AWX9647 and AWX9735 are constructed the same except for the following:

Mark	Symbol and Description	AWX9647	AWX9735	Remarks
	R2707, R2708	RS1/10SR331J	RS1/10SR562J	
	R2709, R2710	RS1/10SR562J	RS1/10SR331J	
	C2673-C2676	CKSRYB122K50	CCSRCH122J50	
	C2681, C2682, C3905	CKSRYB104K16	CKSRYB104K50	
	C2691, C2692	CCSRCH331J50	CCSRCH101J50	
	C2852, C2853	Not used	CCSRCH101J50	
	C3051, C3052	CCSRCH102J50	CCSRCH331J50	
	C3167	Not used	CCSRCH100D50	

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	

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	
R1856, R1857, R1859, R1860		Not used	RS1/16SS0R0J	
R1907, R1909, R1910		Not used	RS1/16SS0R0J	
R724, R725, R738		Not used	RS1/16SS101J	
R1823, R1828		RS1/10SR101J	Not used	
R1814		RS1/10SR104J	Not used	
R1818		RS1/16SS0R0J	Not used	
R739, R1806, R1807, R1819		RS1/16SS101J	Not used	
R1820, R1824-R1827, R1829		RS1/16SS101J	Not used	
R1843, R1863, R1864, R1866		RS1/16SS101J	Not used	

Mark	Symbol and Description	AWX9620	AWX9627	Remarks
	R1867, R1869-R1874 R1901, R1902 R1808, R1809, R1812	RS1/16SS101J RS1/16SS101J RS1/16SS102J	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	
	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, C9108ACC9110, 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 C1813A[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 IC9202 IC9001 IC606 IC1809	MX29LV640ETTI-70G-K D787E001BRFP250L-K AYW7333 TC74VHC126FK TC74VHC157FK	Not used Not used AYW7334 Not used Not used	
	IC1812, IC9504	TC7SH08FUS1	Not used	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
A	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	
B	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	
C	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	
D	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	
E	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	
F	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	
	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	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
	R9515-R9517 R9592	RAB4CQ220J RAB4CQ330J	Not used Not used	
	R1833, R9201, R9214, R9215 R9227, R9228, R9233, R9235 R9239, R9246-R9249, R9514 R9518, R9558, R9564, R9587 R9588, R9614, R9615	RAB4CQ470J RAB4CQ470J RAB4CQ470J RAB4CQ470J RAB4CQ470J	Not used Not used Not used Not used Not used	A
	R9540, R9593, R9594 R1823, R1828 R1814 R9815 R111, R147, R1818, R9234	RAB4CQ473J RS1/10SR101J RS1/10SR104J RS1/10SR121J RS1/16SS0R0J	Not used Not used Not used Not used Not used	
	R9544, R9548, R9571, R9572 R9629, R9641, R9659, R9660 R9670-R9672, R9674, R9843 R9868 R640, R641, R659, R719	RS1/16SS0R0J RS1/16SS0R0J RS1/16SS0R0J RS1/16SS0R0J RS1/16SS101J	Not used Not used Not used Not used Not used	B
	R739, R777, R813, R1806 R1807, R1819, R1820 R1824-R1827, R1829, R1843 R1863, R1864, R1866, R1867 R1869, R1870-R1874, R1901	RS1/16SS101J RS1/16SS101J RS1/16SS101J RS1/16SS101J RS1/16SS101J	Not used Not used Not used Not used Not used	
	R1902, R9114, R9115 R9202-R9209, R9219-R9221 R9231, R9505, R9506, R9536 R9111, R9433, R9436 R1808, R1809, R1812, R1905	RS1/16SS101J RS1/16SS101J RS1/16SS101J RS1/16SS101J RS1/16SS102J	Not used Not used Not used RS1/16SS0R0J Not used	C
	R1906 R102, R1801, R9218, R9222 R9232, R9240, R9241, R9401 R9510-R9512, R9529-R9531 R9537, R9555, R9557, R9560	RS1/16SS102J RS1/16SS103J RS1/16SS103J RS1/16SS103J RS1/16SS103J	Not used Not used Not used Not used Not used	
	R9561, R9563, R9565, R9566 R9583, R9604, R9605 R101 R779 R1817, R1821, R1822, R1831	RS1/16SS103J RS1/16SS103J RS1/16SS104J RS1/16SS104J RS1/16SS104J	Not used Not used Not used Not used Not used	D
	R1832, R1834, R1835, R9533 R1813, R9210, R9582, R9622 R1868, R1892 R9654 R9626-R9628, R9634, R9635	RS1/16SS104J RS1/16SS105J RS1/16SS151J RS1/16SS152J RS1/16SS153J	Not used Not used Not used Not used Not used	
	R9653 R9225, R9245, R9522, R9524 R9526-R9528, R9553, R9598 R9613 R9427	RS1/16SS2001F RS1/16SS220J RS1/16SS220J RS1/16SS220J RS1/16SS220J	Not used Not used Not used Not used RS1/16SS0R0J	E
	R9616 R9840 R9521, R9637 R9805 R675, R681, R682, R1846	RS1/16SS221J RS1/16SS222J RS1/16SS330J RS1/16SS333J RS1/16SS470J	Not used Not used Not used RS1/16SS183J Not used	
	R1847, R1865, R1887, R1903 R9126, R9127, R9211, R9212 R9224, R9226, R9229, R9230 R9236-R9238, R9242-R9244 R9413, R9414, R9507, R9520	RS1/16SS470J RS1/16SS470J RS1/16SS470J RS1/16SS470J RS1/16SS470J	Not used Not used Not used Not used Not used	F

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
A	R9523, R9525, R9532, R9535	RS1/16SS470J	Not used	
	R9538, R9549, R9551, R9556	RS1/16SS470J	Not used	
	R9562, R9567, R9579, R9610	RS1/16SS470J	Not used	
	R9687	RS1/16SS470J	Not used	
	R9422, R9426, R9428, R9431	RS1/16SS470J	RS1/16SS0R0J	
B	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	
C	R9645, R9647, R9648, R9650	RS1/16SS472J	Not used	
	R9652	RS1/16SS472J	Not used	
	R676, R677, R1830	RS1/16SS473J	Not used	
	R9501-R9504, R9513, R9534	RS1/16SS473J	Not used	
	R9541, R9543, R9546, R9552	RS1/16SS473J	Not used	
D	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	
E	R9657, R9658, R9661, R9663	RS1/16SS49R9F	Not used	
	R1891	RS1/16SS680J	Not used	
	R9105	RS1/16SS680J	RS1/16SS470J	
	R9834	RS1/8SQ225J	Not used	
	C1013, C9874	ACH7306	Not used	
F	C634, C651, C1855, C9310	CCSSCH100D50	Not used	
	C1014	CCSSCH101J50	CCSSCH100D50	
	C1802, C1812, C9503, C9505	CCSSCH101J50	Not used	
	C9552	CCSSCH101J50	Not used	
	C173	CCSSCH102J50	CCSSCH100D50	
G	C627, C646, C9535, C9542	CCSSCH102J50	Not used	
	C9567	CCSSCH102J50	Not used	
	C9336	CCSSCH270J50	Not used	
	C9037, C9038	CCSSCH471J50	CCSSCH330J50	
	C103, C1826, C1833, C1835	CCSSCH471J50	Not used	
H	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	
I	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	
	C9587	CCSSCH471J50	Not used	
J	C1810, C1811	CCSSCH8R0D50	Not used	
	C9571, C9581	CCSSCH9R0D50	Not used	
	C9546, C9547	CEVLW100M16	Not used	
	C1807, C9514, C9590	CEVLW101M10	Not used	
	C9565	CEVLW220M16	Not used	
K	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	
L	C9501	CEVW101M4	Not used	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
	C9553, C9568 C9101, C9510, C9839 C9092, C9867 C9807, C9808	CEVW220M16 CEVW221M4 CFHXSQ103J16 CKSQYB104K25	Not used Not used Not used CKSQYB104K50	A
	C1854, C9833, C9849 C101, C9841, C9879, C9889 C9817, C9823 C1804, C9229, C9240, C9250 C9834, C9850	CKSQYB225K10 CKSQYB475K6R3 CKSRYB104K16 CKSRYB104K16 CKSRYB104K16	Not used Not used CKSRYB104K50 Not used Not used	
	C1801 C9513, C9517, C9574, C9586 C632, C661, C937, C946 C969, C976, C1296, C1341 C1362, C1367-C1370, C1385	CKSRYB105K10 CKSSYB103K16 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	Not used Not used CKSSYB104K16 CKSSYB104K16 CKSSYB104K16	B
	C9043, C9066, C9083, C9095 C9099, C9108, C9306, C9308 C9894, C9896 C102, C625, C652, C1805 C1806, C1808, C1809	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	CKSSYB104K16 CKSSYB104K16 CKSSYB104K16 Not used Not used	
	C1813-C1815, C1819, C1820 C1825, C1832, C1834, C1840 C1852, C1853, C9110, C9203 C9205, C9206, C9208-C9210 C9212, C9214, C9215	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	Not used Not used Not used Not used Not used	C
	C9221-C9225, C9228 C9230-C9232, C9234, C9237 C9238, C9241, C9243, C9244 C9246, C9247, C9249, C9252 C9253, C9255, C9257-C9260	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	Not used Not used Not used Not used Not used	
	C9262, C9502, C9504 C9506-C9509, C9511, C9515 C9519, C9520, C9522, C9523 C9525-C9528, C9530, C9532 C9533, C9536-C9538, C9541	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	Not used Not used Not used Not used Not used	D
	C9543-C9545, C9551 C9554-C9559, C9561, C9566 C9569, C9570, C9580, C9589 C9595, C9600, C9619, C9620 C9843, C9847	CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10 CKSSYB104K10	Not used Not used Not used Not used Not used	
	C143, C144, C418, C9024 C9035, C9042, C9859, C9870 C9811 C9564 C201, C406, C611, C9362	CKSSYB105K6R3 CKSSYB105K6R3 CKSSYB222K50 CSZS330M6R3 Not used	DCH1246 DCH1246 CCSSCH102J50 Not used CCSSCH100D50	E
	C759, C760 C203, C9577, C9579, C9583 C9585, C9591, C9593, C9598 C9603, C9605, C9607, C9609 C9613	Not used Not used Not used Not used Not used	CCSSCH101J50 CCSSCH102J50 CCSSCH102J50 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	F
	C9578, C9582, C9599, C9602 C9606, C9608, C9611 C9616	Not used Not used Not used	CKSSYB105K6R3 CKSSYB105K6R3 CKSSYB223K16	

Mark	Symbol and Description	AWX9620	AWX9628	Remarks
A	C140, C985, C1355 C156	VCH1277 VCH1268	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
B	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	AKR1004 ANH7224 BBZ30P080FCC	Not used Not used Not used	
	R7060 R7064	RS1/10SR102J RS1/10SR221J	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	
C	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
D	JA8305 3p Pin Jack Ni R8317, R8319, R8321 R8316, R8318, R8320	AKB7227 RS1/10SR3R9J RS1/10SR68R0D	Not used Not used Not used	

K F DISPLAY ASSY

AWX9600, AWX9684, AWX9683, AWX9691 and AWX9690 are constructed the same except for the following:

Mark	Symbol and Description	AWX9600	AWX9684	AWX9683	AWX9691	AWX9690	Remarks
E	R8277 R8278 R8279 R8280 C8014	RS1/10SR473J Not used Not used RS1/10SR473J CKSRYB105K10	RS1/10SR333J RS1/10SR223J Not used RS1/10SR473J CKSRYB105K16	RS1/10SR393J RS1/10SR103J Not used RS1/10SR473J CKSRYB105K16	RS1/10SR333J RS1/10SR223J RS1/10SR473J Not used CKSRYB105K16	RS1/10SR393J RS1/10SR103J RS1/10SR473J Not used CKSRYB105K16	
	C8018 C8033 C8227	CKSRYB104K16 CKSRYB471K50 CKSRYB104K16	CCSRCH150J50 CCSRCH471J50 CCSRCH100D50	CCSRCH150J50 CCSRCH471J50 CCSRCH100D50	CCSRCH150J50 CCSRCH471J50 CCSRCH100D50	CCSRCH150J50 CCSRCH471J50 CCSRCH100D50	

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

NF ICE BUFFER ASSY

AWX9598, AWX9748 and AWX9747 are constructed the same except for the following:

Mark	Symbol and Description	AWX9598	AWX9748	AWX9747	Remarks
	R6808, R6809, R6828, R6829 R6848, R6849, R6868, R6869 R6888, R6889, R6908, R6909 R6928, R6929 R6803, R6823, R6843, R6863	RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR100J	RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR111J	RS1/10SR1R0J RS1/10SR1R0J RS1/10SR1R0J RS1/10SR1R0J RS1/10SR111J	
	R6883, R6903, R6923	RS1/10SR100J	RS1/10SR111J	RS1/10SR111J	

P ICEPOWER AMP ASSY

AWH7024, AWH7031 and AWH7033 are constructed the same except for the following:

Mark	Symbol and Description	AWH7024	AWH7031	AWH7033	Remarks
	JA4301, JA4501, JA4901 Sp Terminal 4-p	AKE7149	AKE7147	AKE7143	
	JA4101 Sp Terminal 6-p	AKE7150	AKE7148	AKE7144	
	R4184-R4188, R4284-R4288	Not used	ACN7180	ACN7180	
	R4384-R4388, R4484-R4488	Not used	ACN7180	ACN7180	
	R4142, R4242, R4342, R4442	Not used	ACN7180	ACN7180	
	R4584-R4588, R4684-R4688	Not used	ACN7180	ACN7180	
	R4784-R4788, R4542, R4642	Not used	ACN7180	ACN7180	
	R4742, R4842, R4935, R4942 Chip Resistor	Not used	ACN7180	ACN7180	
	R4904	ACN7180	RS1/4SA473J	RS1/4SA473J	
	R4063	Not used	RS1/10SR0R0J	RS1/10SR0R0J	
	R4172, R4372, R4572, R4772	Not used	RS1/8SQ105J	RS1/8SQ105J	
	R4791	Not used	RS1/8SQ225J	RS1/8SQ225J	
	R4190, R4390, R4590, R4890	Not used	RS1/8SQ473J	RS1/8SQ473J	
	R4792	Not used	RS1/8SQ822J	RS1/8SQ822J	
	R4100, R4101, R4200, R4201	RN1/16SE1000D	RS1/10SR3900D	RS1/10SR3900D	
	R4300, R4301, R4400, R4401	RN1/16SE1000D	RS1/10SR3900D	RS1/10SR3900D	
	R4500, R4501, R4600, R4601	RN1/16SE1000D	RS1/10SR3900D	RS1/10SR3900D	
	R4700, R4701	RN1/16SE1000D	RS1/10SR3900D	RS1/10SR3900D	
	R4104, R4105, R4204, R4205	RN1/16SE1001D	RS1/10SR4701D	RS1/10SR4701D	
	R4304, R4305, R4404, R4405	RN1/16SE1001D	RS1/10SR4701D	RS1/10SR4701D	
	R4504, R4505, R4604, R4605	RN1/16SE1001D	RS1/10SR4701D	RS1/10SR4701D	
	R4704, R4705	RN1/16SE1001D	RS1/10SR4701D	RS1/10SR4701D	
	R4102, R4103, R4202, R4203	RN1/16SE9100D	RS1/10SR4301D	RS1/10SR4301D	
	R4302, R4303, R4402, R4403	RN1/16SE9100D	RS1/10SR4301D	RS1/10SR4301D	
	R4502, R4503, R4602, R4603	RN1/16SE9100D	RS1/10SR4301D	RS1/10SR4301D	
	R4702, R4703	RN1/16SE9100D	RS1/10SR4301D	RS1/10SR4301D	
	R4115, R4215, R4315, R4415	RS1/10SR0R0J	RS1/10SR2R2J	RS1/10SR2R2J	
	R4515, R4615, R4715, R4815	RS1/10SR0R0J	RS1/10SR2R2J	RS1/10SR2R2J	
	R4044	RS1/10SR101J	RS1/10SR391J	RS1/10SR101J	
	R4144, R4244, R4344, R4444	RS1/10SR102J	RS1/10SR152J	RS1/10SR152J	
	R4544, R4644, R4744	RS1/10SR102J	RS1/10SR152J	RS1/10SR152J	
	C4001-C4004, C4011-C4013	CCSRCH102J25	CCSRCH102J50	CCSRCH102J50	
	C4018-C4020, C4021	CCSRCH102J25	CCSRCH102J50	CCSRCH102J50	
	C4014-C4017	CCSRCH102J25	CCSRCH331J50	CCSRCH102J50	
	C4131, C4132, C4231, C4232	CKSQYB224K25	CKSQYB224K50	CKSQYB224K50	
	C4331, C4332, C4431, C4432	CKSQYB224K25	CKSQYB224K50	CKSQYB224K50	
	C4531, C4532, C4631, C4632	CKSQYB224K25	CKSQYB224K50	CKSQYB224K50	
	C4731, C4732	CKSQYB224K25	CKSQYB224K50	CKSQYB224K50	
	C4926	CKSRYB103K25	CCSRCH101J50	CCSRCH101J50	
	C4028	CKSRYB103K25	CKSRYB103K50	CKSRYB103K50	

Mark	Symbol and Description	AWH7024	AWH7031	AWH7033	Remarks
A	C4005, C4006, C4026, C4031 C4032-C4035, C4042, C4121 C4129, C4152, C4153, C4156 C4221, C4229, C4252, C4253 C4258, C4321, C4329, C4352	CKSRYB104K16 CKSRYB104K16 CKSRYB104K16 CKSRYB104K16 CKSRYB104K16	CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50	CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50	
	C4353, C4356, C4421, C4429 C4452, C4453, C4458, C4521 C4529, C4552, C4553, C4556 C4621, C4629, C4652, C4653 C4658, C4721, C4729, C4752	CKSRYB104K16 CKSRYB104K16 CKSRYB104K16 CKSRYB104K16 CKSRYB104K16	CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50	CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50 CKSRYB104K50	
	C4753, C4756, C4758, C4914 C4915, C4909, C4924, C4925 C4022, C4025, C4040, C4115 C4118, C4120, C4130, C4147 C4148, C4215, C4218, C4220	CKSRYB104K16 CKSRYB104K16 CKSRYB105K10 CKSRYB105K10 CKSRYB105K10	CKSRYB104K50 CKSRYB104K50 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16	CKSRYB104K50 CKSRYB104K50 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16	
	C4230, C4247, C4248, C4315 C4318, C4320, C4330, C4347 C4348, C4415, C4418, C4420 C4430, C4447, C4448, C4515 C4518, C4520, C4530, C4547	CKSRYB105K10 CKSRYB105K10 CKSRYB105K10 CKSRYB105K10 CKSRYB105K10	CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16	CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16	
	C4548, C4615, C4618, C4620 C4630, C4647, C4648, C4715 C4718, C4720, C4730, C4747 C4748, C4818, C4847 C4151, C4251, C4351, C4451	CKSRYB105K10 CKSRYB105K10 CKSRYB105K10 CKSRYB105K10 CKSRYB105K16	CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB103K50	CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB105K16 CKSRYB103K50	
	C4551, C4651, C4751 C4157, C4257, C4357, C4457 C4557, C4657, C4757, C4857 C4008, C4027 C4041	CKSRYB105K16 CKSRYB222K50 CKSRYB222K50 Not used Not used	CKSRYB103K50 CCSRCH222J50 CCSRCH222J50 CCSRCH100D50 CCSRCH100D50	CKSRYB103K50 CCSRCH222J50 CCSRCH222J50 CCSRCH100D50 Not used	
	C4007 C4009 C4106, C4107, C4206, C4207 C4306, C4307, C4406, C4407 C4506, C4507, C4606, C4607	Not used Not used ACG7072 ACG7072 ACG7072	CCSRCH331J50 CCSRCH331J50 CCSRCH101J50 CCSRCH101J50 CCSRCH101J50	CCSRCH102J50 Not used CCSRCH101J50 CCSRCH101J50 CCSRCH101J50	
	C4706, C4707 C4100, C4200, C4300, C4400 C4500, C4600, C4700 C4101, C4201, C4301, C4401 C4501, C4601, C4701	ACG7072 CFTNA104J2A CFTNA104J2A CFTNA274J2A CFTNA274J2A	CCSRCH101J50 ACE7087 ACE7087 ACE7088 ACE7088	CCSRCH101J50 ACE7087 ACE7087 ACE7088 ACE7088	

QF PRIMARY ASSY

AWX9604, AWX9696 and AWX9695 are constructed the same except for the following:

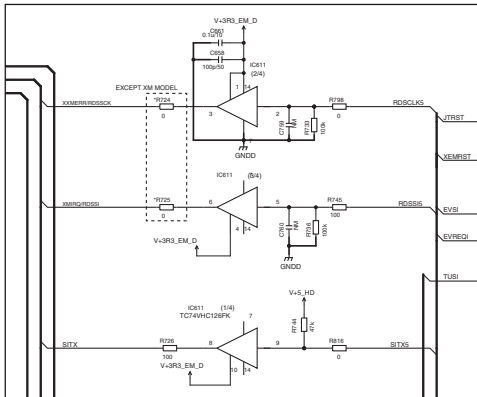
Mark	Symbol and Description	AWX9604	AWX9696	AWX9695	Remarks
⚠	L1 LINE FILTER	ATF7048	ATF7046	ATF7050	
⚠	S81 VOLTAGE SELECTOR	Not used	Not used	AKX7020	
⚠	CN81 2P-VH CONNECTOR	B2P3-VH	Not used	Not used	
⚠	CN82 3P-VH CONNECTOR	Not used	B3P5-VH	B3P5-VH	
	KN2 SCREW PLATE	VNE1948	VNE1948	Not used	
	R4	RS1/10SR182J	RS1/10SR182J	RS1/10SR821J	
	R14	RS1/10SR0R0J	RS1/10SR0R0J	RS1/10SR1001F	
	C61	Not used	CCSRCH100D50	CCSRCH100D50	
	C81 FILM CAPACITOR	ACE7013	ACE7013	Not used	

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

13

2.3 DIGITAL MAIN ASSY (2/10)

A **F**_{2/10 F} DIGITAL MAIN ASSY (2/10) (AWX9627, AWX9628)

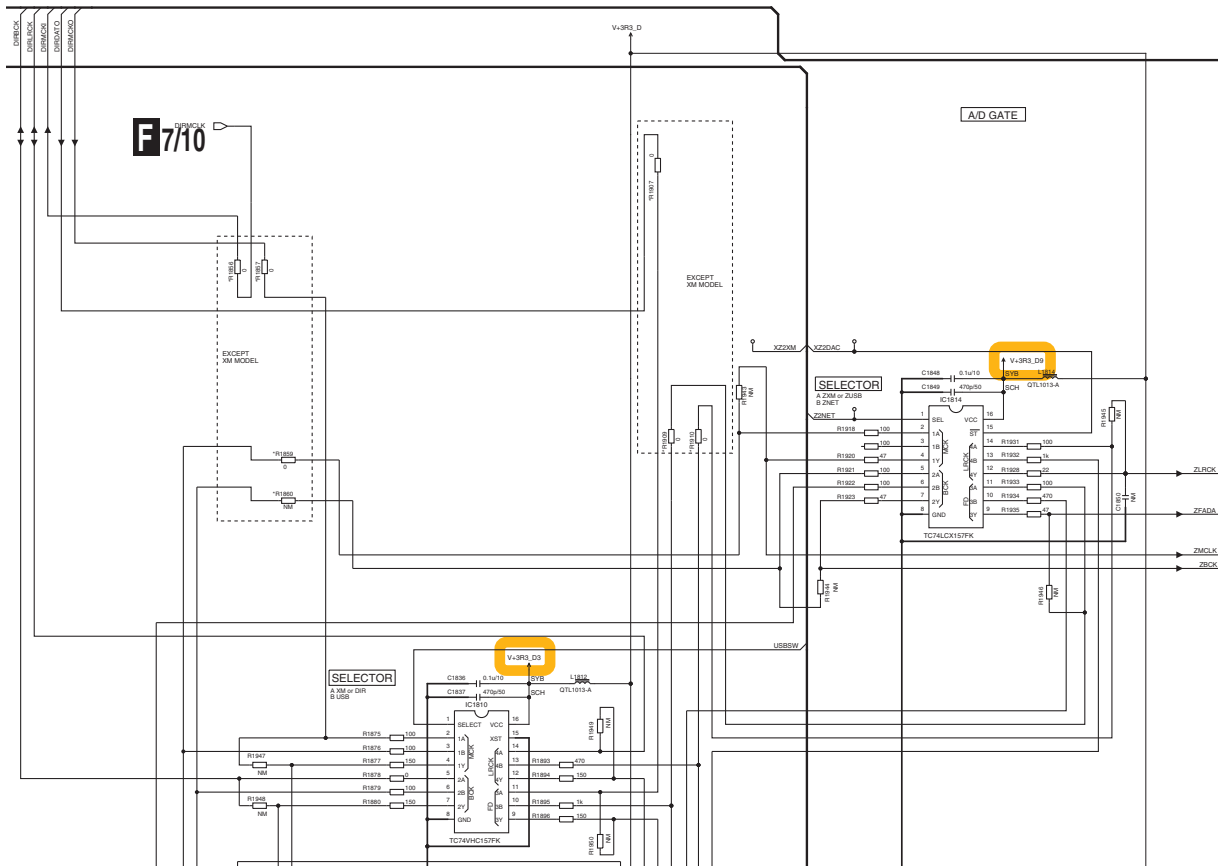


F_{2/10 F}

F_{2/10 F}

2.4 DIGITAL MAIN ASSY (6/10)

C **F**_{6/10 F} DIGITAL MAIN ASSY (6/10) (AWX9627, AWX9628)

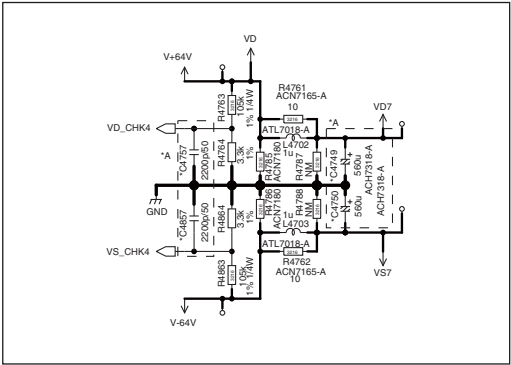
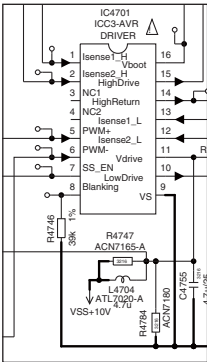
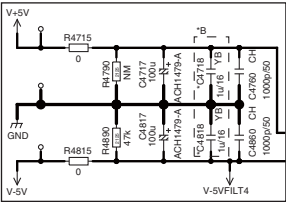
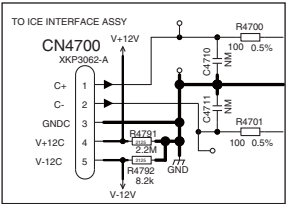


F_{6/10 F}

F_{6/10 F}

P5/5 ICEPOWER AMP ASSY (5/5)

(SC-LX83 : AWH7031)
(SC-LX73 : AWH7033)



P5/5 F

P5/5 F