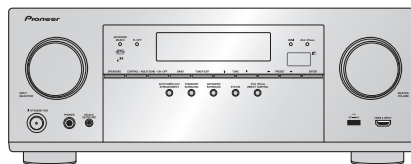


Pioneer

Service Manual



VSX-1124-K

ORDER NO.
RRV4527

AV Receiver

VSX-1124-K

VSX-1129-K

VSX-80

VSA-1124

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

Model	Type	Power Requirement	Remarks
VSX-1124-K	CUXESM	AC 120 V	
VSX-1129-K	CUXE	AC 120 V	
VSX-80	CUXE	AC 120 V	
VSA-1124	JXE	AC 100 V	

THIS SERVICE MANUAL SHOULD BE USED TOGETHER WITH THE FOLLOWING MANUAL(S).

Model	Order No.	Remarks
VSX-1124-K, VSX-1129-K, VSX-80	RRV4521	BLOCK DIAGRAM, EXPLODED VIEWS AND PARTS LIST etc.



PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan

PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.

PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium

PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936

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K-MZV JUNE 2014 Printed in Japan

SAFETY INFORMATION



This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product may contain a chemical known to the State of California to cause cancer, or birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 - Proposition 65

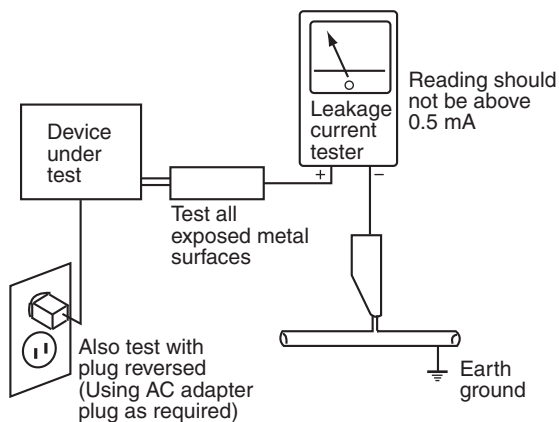
(FOR USA MODEL ONLY)

1. SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Measure leakage current to a known earth ground (water pipe, conduit, etc.) by connecting a leakage current tester such as Simpson Model 229-2 or equivalent between the earth ground and all exposed metal parts of the appliance (input/output terminals, screwheads, metal overlays, control shaft, etc.). Plug the AC line cord of the appliance directly into a 120 V AC 60 Hz outlet and turn the AC power switch on. Any current measured must not exceed 0.5 mA.



AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

2. PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in the appliance have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a ⚠ on the schematics and on the parts list in this Service Manual.

The use of a substitute replacement component which does not have the same safety characteristics as the PIONEER recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire, or other hazards.

Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current PIONEER Service Manual. A subscription to, or additional copies of, PIONEER Service Manual may be obtained at a nominal charge from PIONEER.

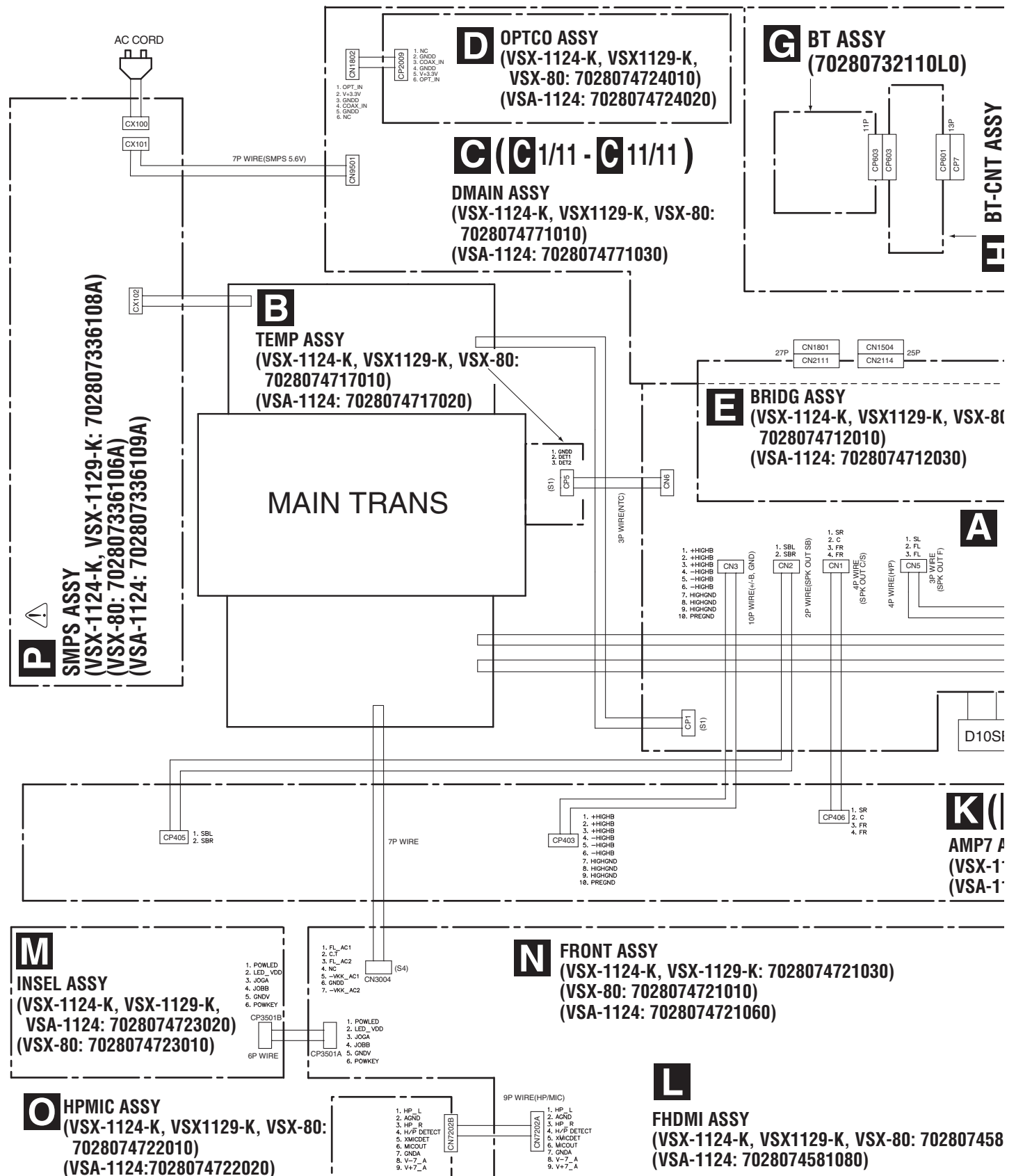
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10. SCHEMATIC DIAGRAM

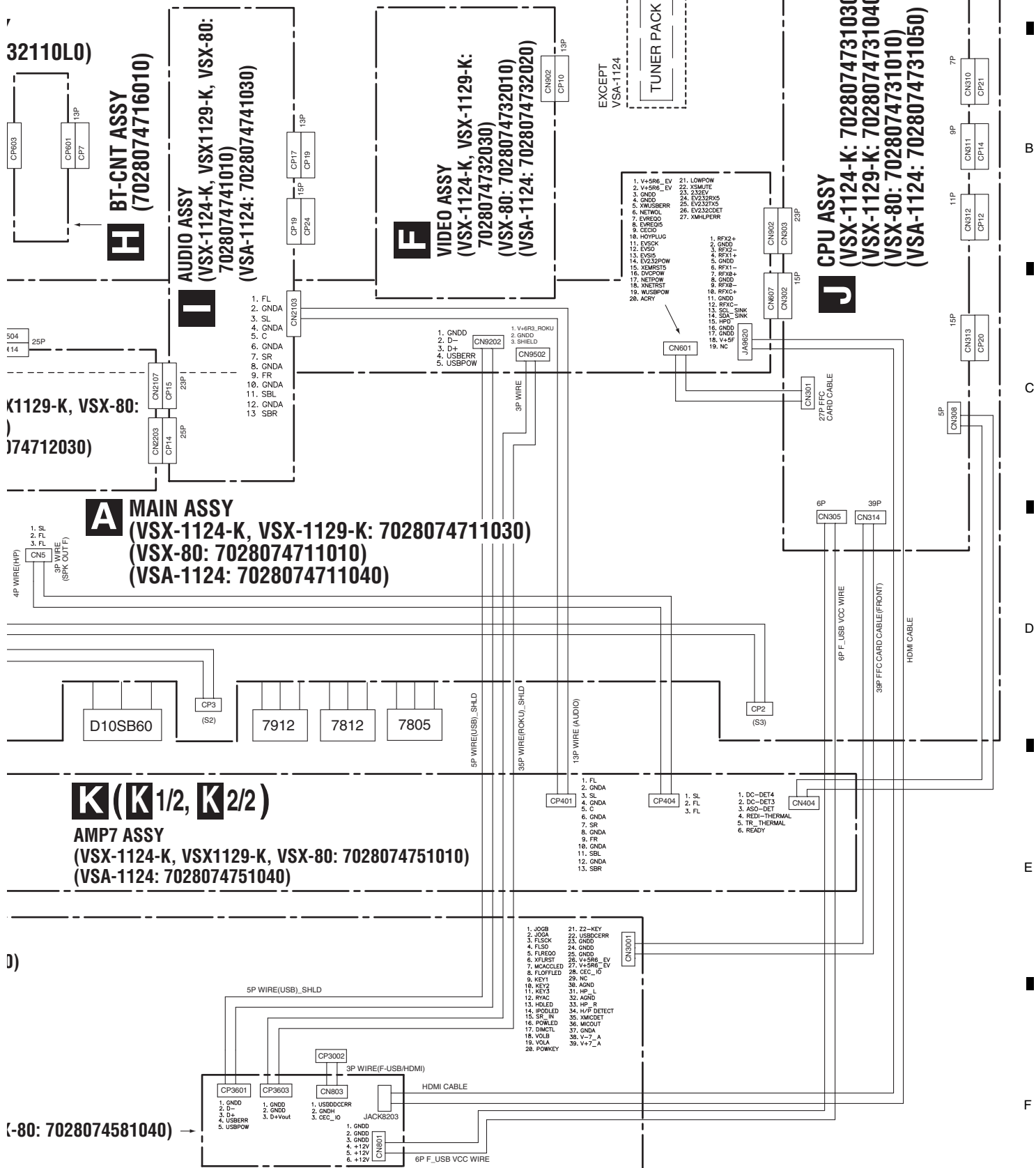
10.1 OVERALL WIRING DIAGRAM

- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB 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.
-  : The power supply is shown with the marked box.

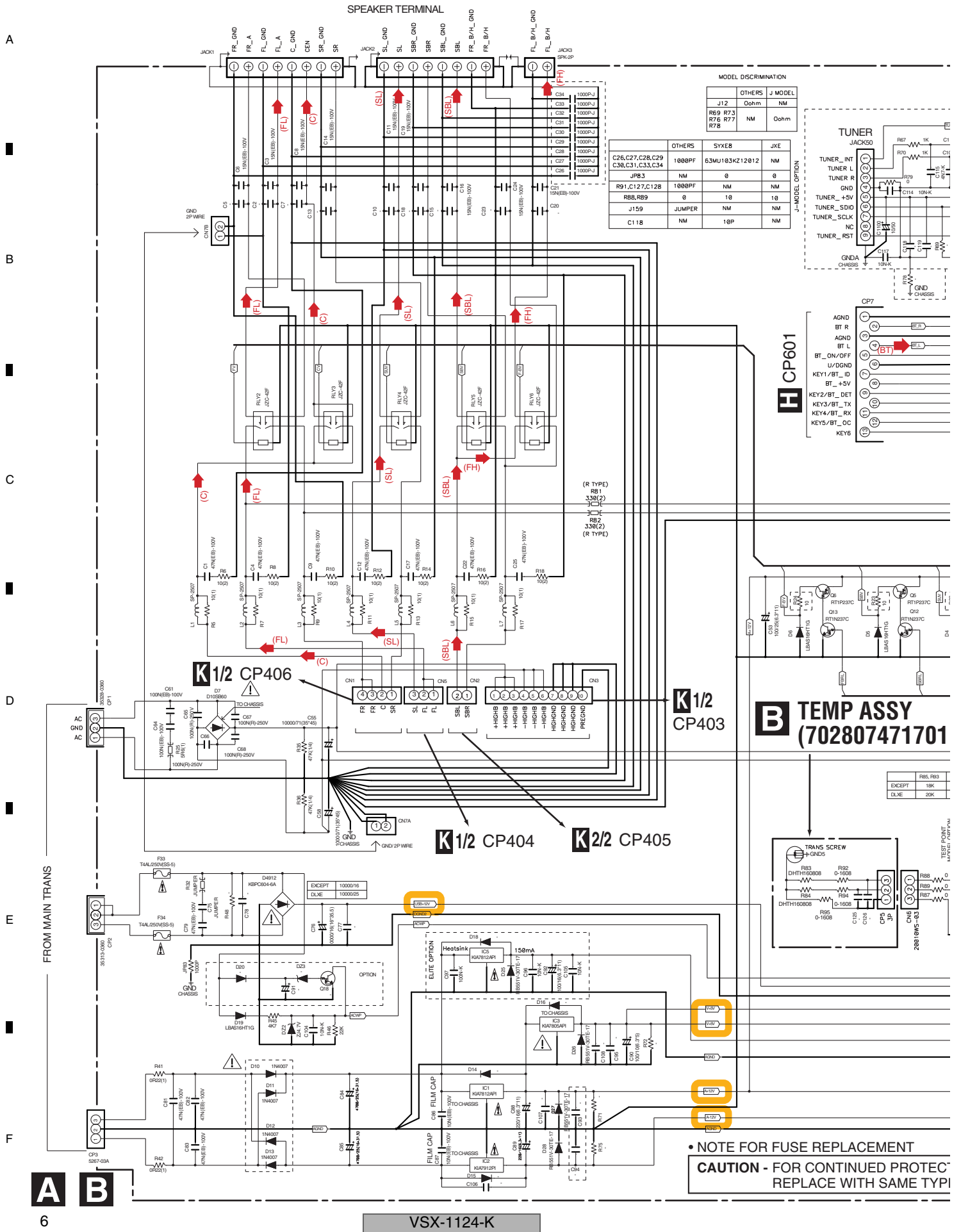
- 部品を発注する場合は、必ず「分解図と部品表」を参照してください。
- ⚠印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず同等の部品を使用してください。
-  印は電源の供給源を示しています。



部品です。
性能維持のため必ず指定の部品をご使用ください。
しています。



10.2 MAIN and TEMP ASSYS

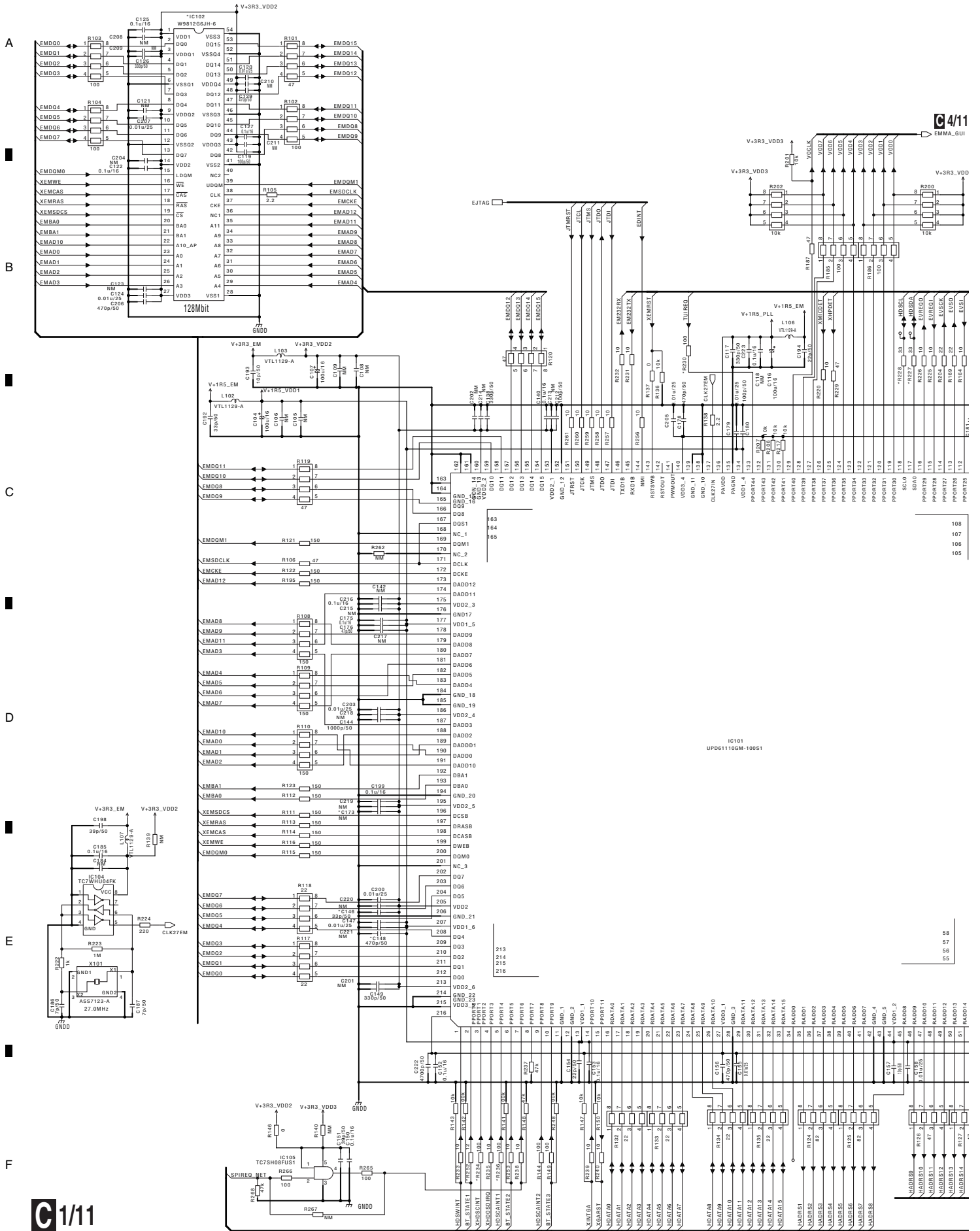


A



TINUED PROTECTION AGAINST RISK OF FIRE,
WITH SAME TYPE AND RATINGS OF FUSE.

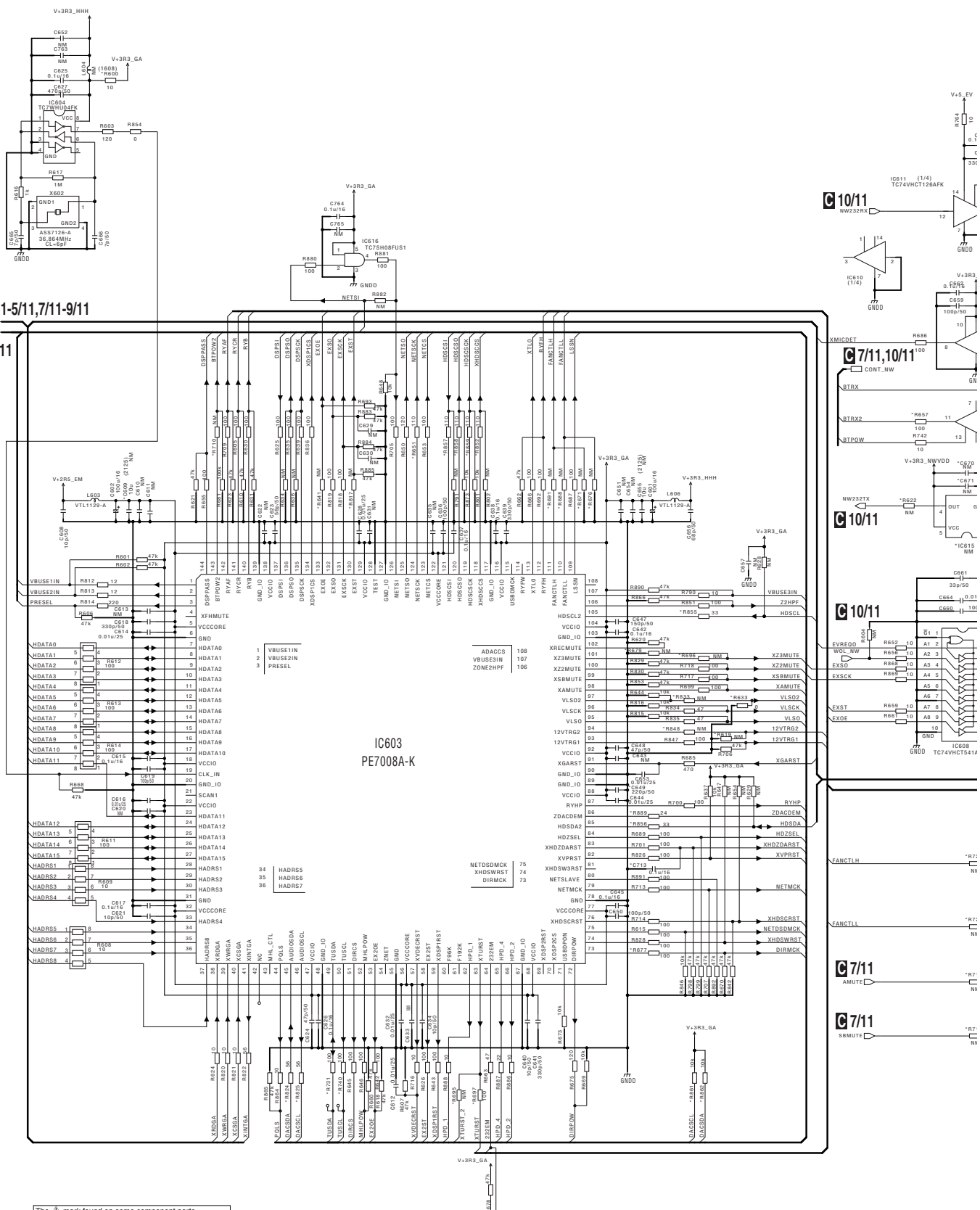
10.3 DMAIN ASSY (1/11)



C1/11

VSX-1124-K

10.4 DMAIN ASSY (2/11)



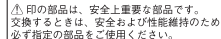
The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

△印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

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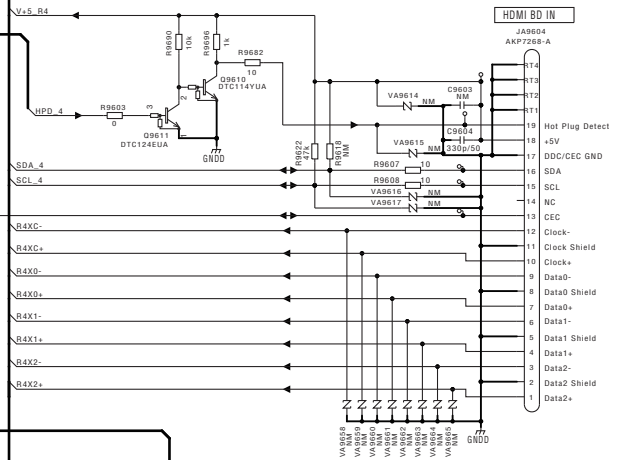
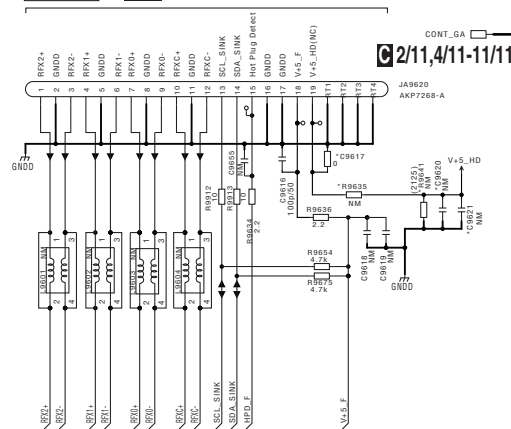


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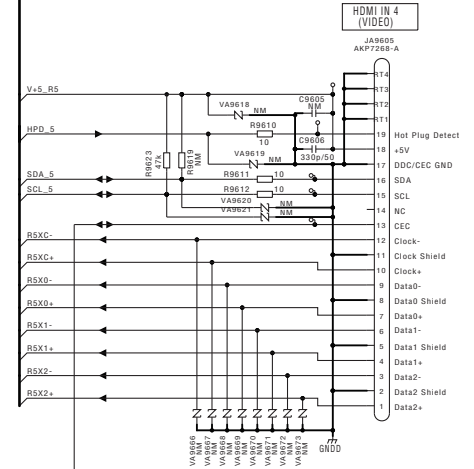
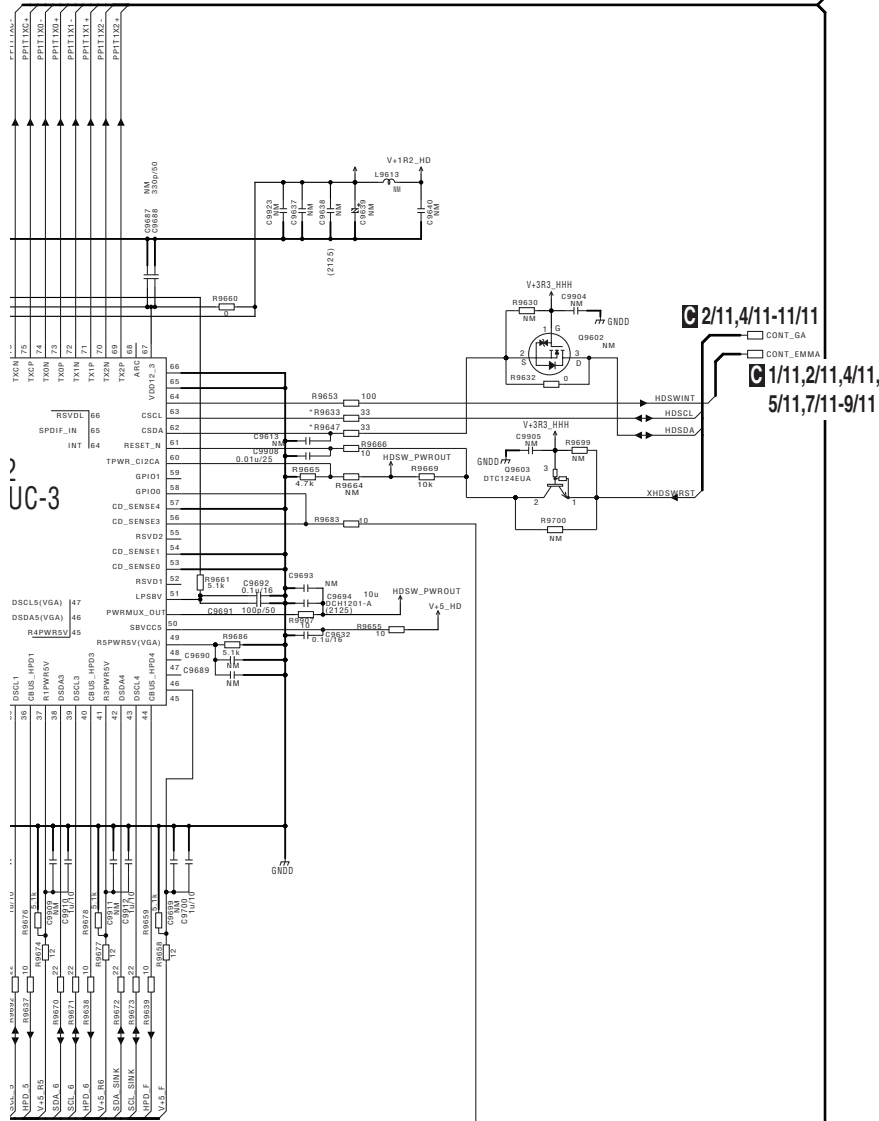


C3/11 DMAIN ASSY **(7028074771010)**

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L JACK8203


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C

2/11,4/11-11/11
1/11,2/11,4/11,
5/11,7/11-9/11

D

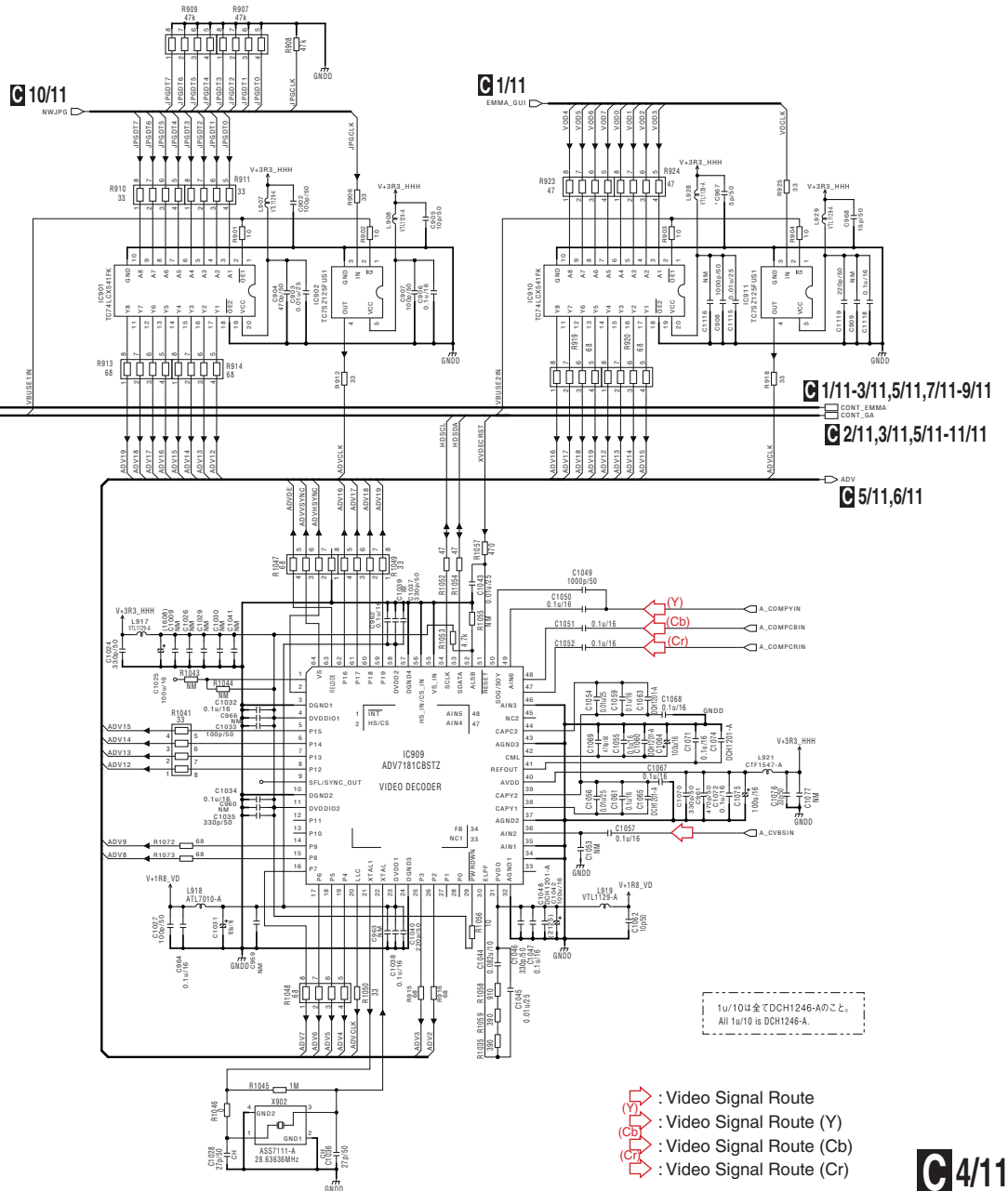
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C5/11
C5/11
C3/11

VSX-1124-K

C4/11 DMAIN ASSY (7028074771010)

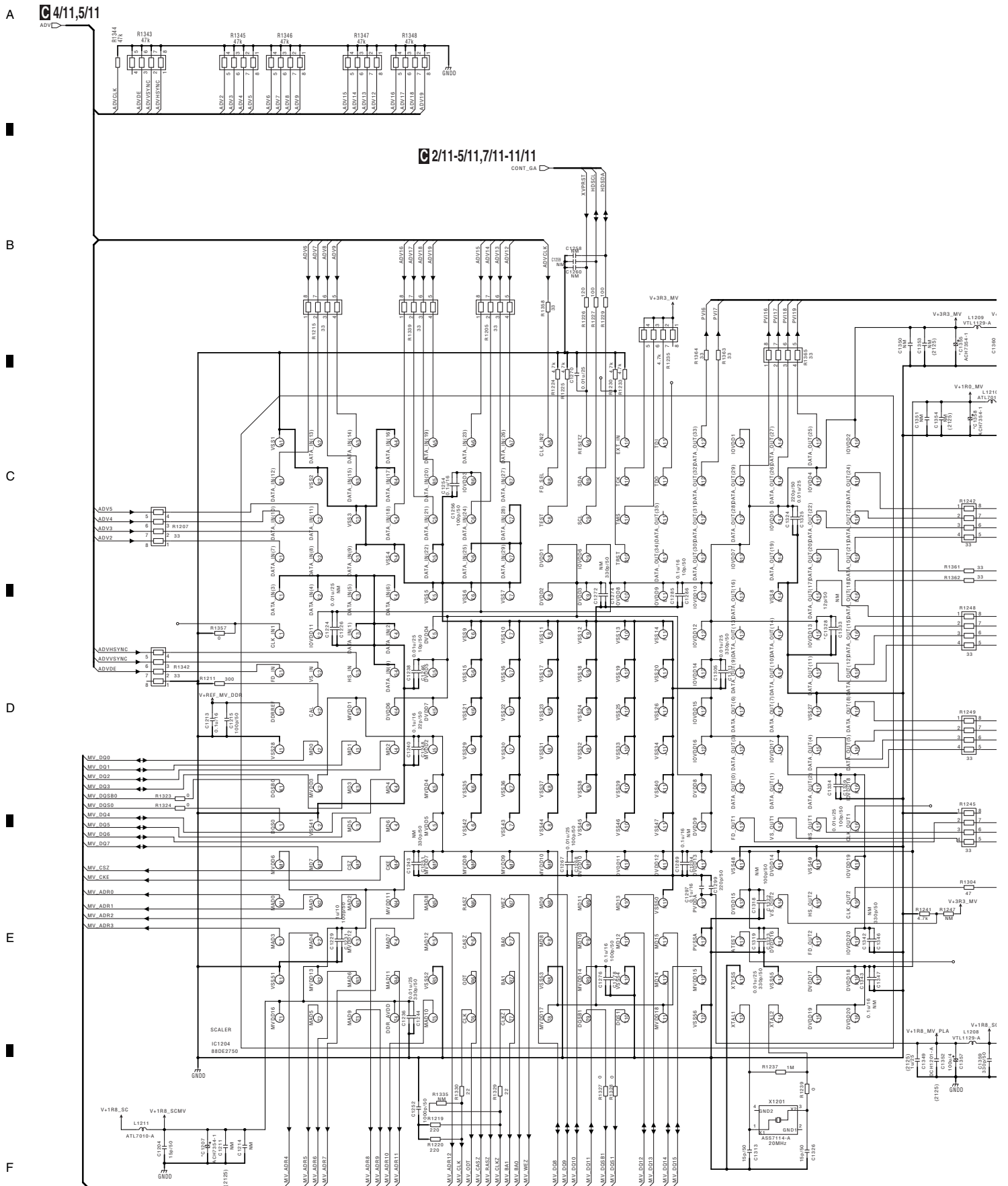


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10.8 DMAIN ASSY (6/11)



C 6/11

VSX-1124-K

10.10 DMAIN ASSY (8/11)

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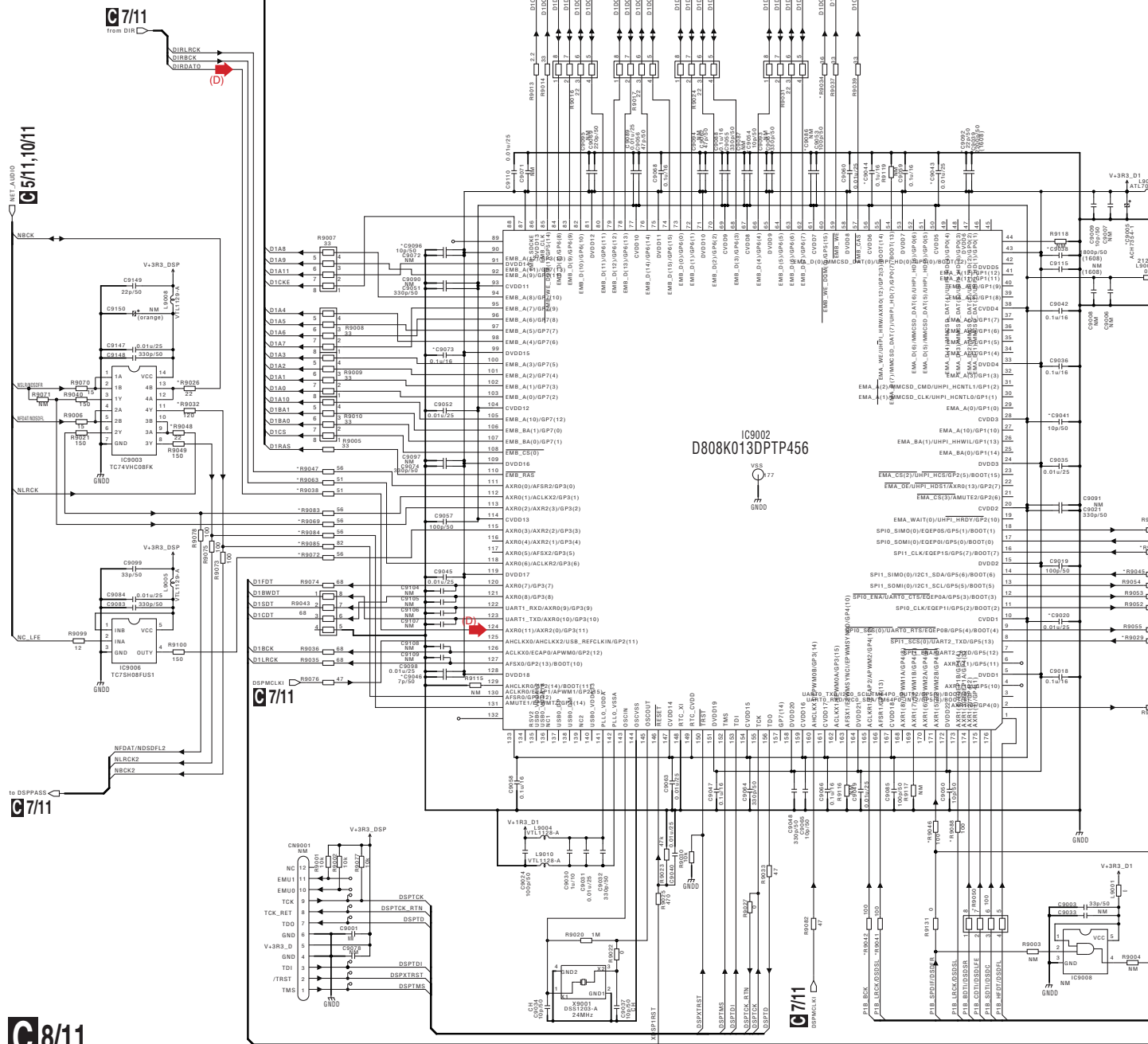
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C8/11

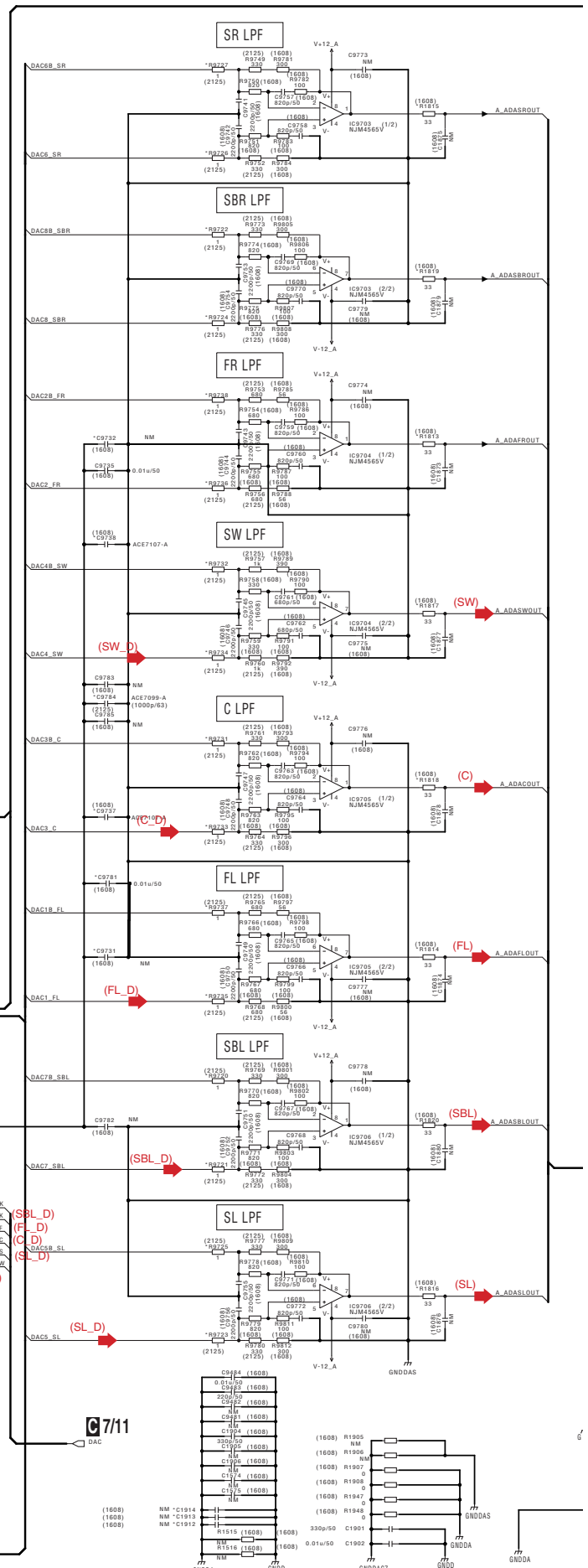
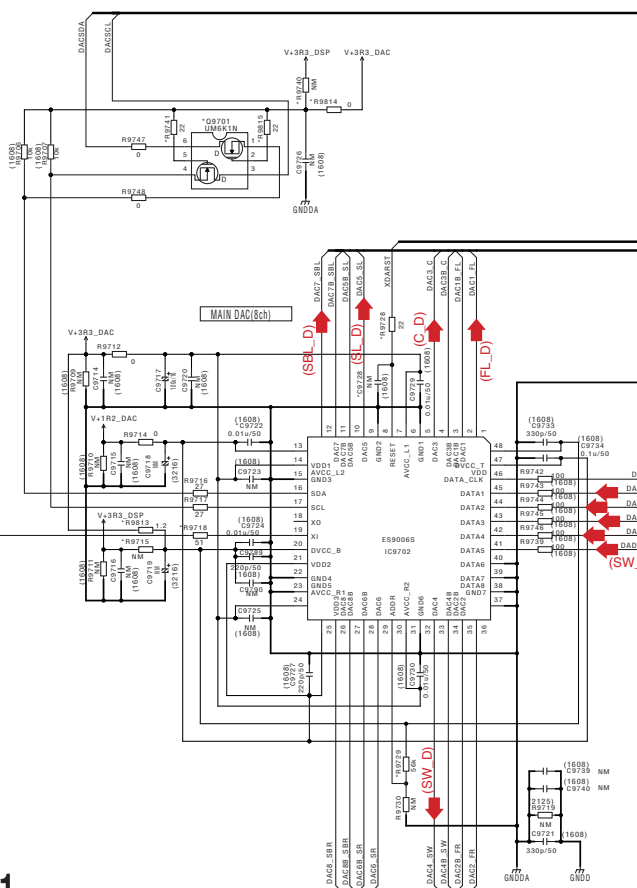
10.11 DMAIN ASSY (9/11)

- (FL) : Audio Signal Route (L ch)
 (SL) : Audio Signal Route (Front L ch)
 (C) : Audio Signal Route (Surround L ch)
 (SBL) : Audio Signal Route (Center ch)
 (SW) : Audio Signal Route (Surround Back L ch)
 (ZOL) : Audio Signal Route (Subwoofer ch)
 (D) : Audio Data Route
 (FL_D) : Audio Data Route (Front L ch)
 (SL_D) : Audio Data Route (Surround L ch)
 (C_D) : Audio Data Route (Center ch)
 (SBL_D) : Audio Data Route (Surround Back L ch)
 (SW_D) : Audio Data Route (Subwoofer ch)
 (ZOL_D) : Audio Data Route (Zone L ch)

NOTE
 1. RESISTORS
 Unit: k, M, Q, M-M, Q or Q unless otherwise noted.
 Rated Power: 1/16W or NETWORKS-1/32W unless otherwise noted.
 Tolerances: (J)5% unless otherwise noted.
 2. CAPACITORS
 Unit: p, nF or uF unless otherwise noted.
 Ratings: Capacity(F)/Voltage(V) unless otherwise noted.
 Y5-CESV8, Y5E-CESV8, Y5E-CESV8, CH-CCSR8, SCH-CCSR8
 AT-CEAT, ZL-CEAZL, DHS-CHX30
 3. NM: No Mount

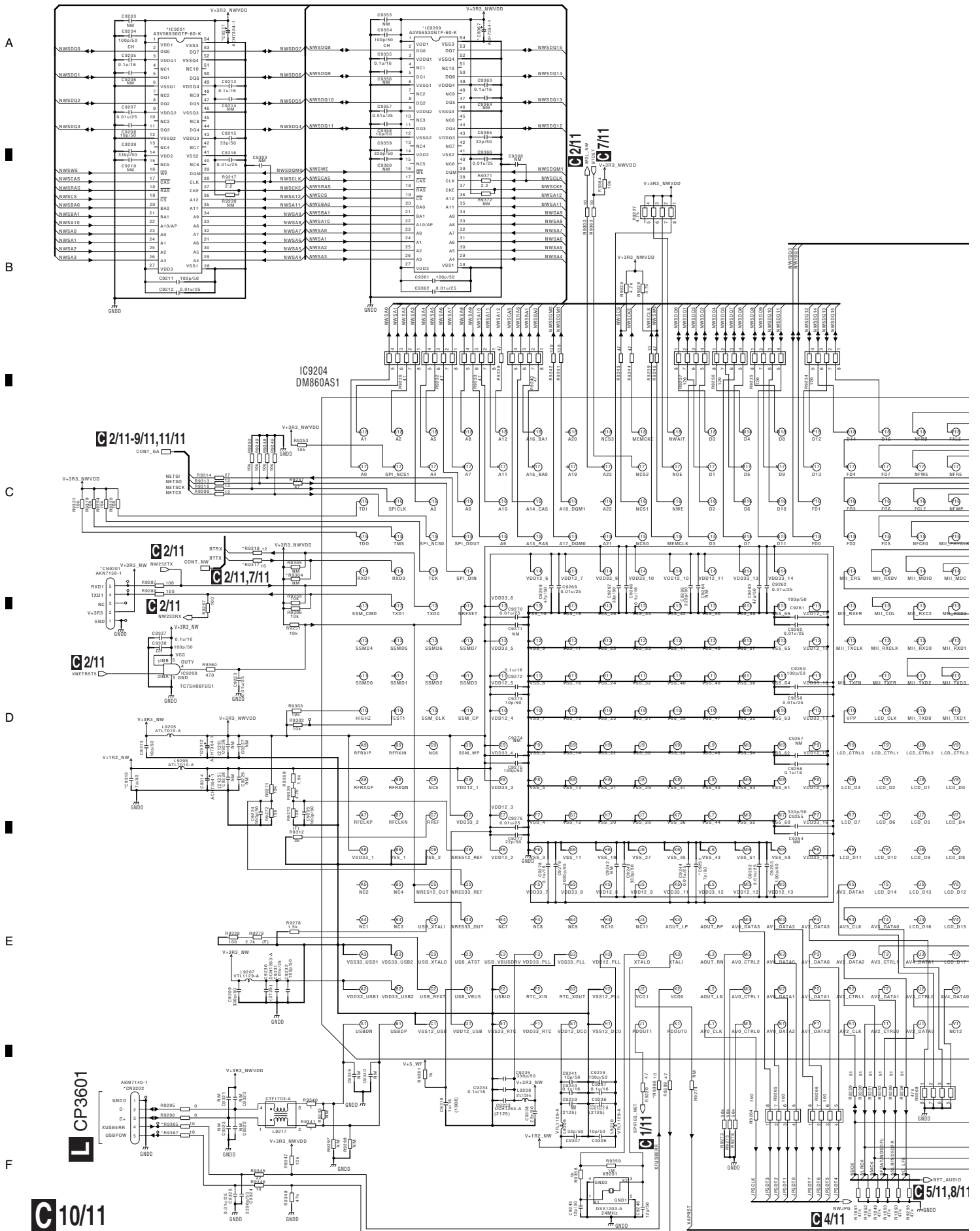
The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

入印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。





10.12 DMAIN ASSY (10/11)



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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.

 印の部品は、安全上重要な部品です。交換するとき、安全および性能維持のため必ず指定の部品をご使用ください。

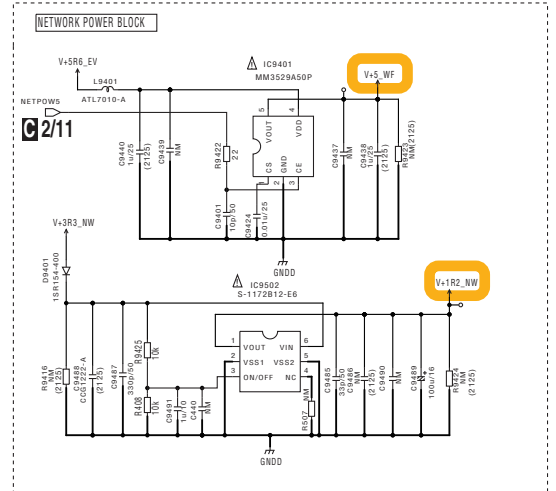
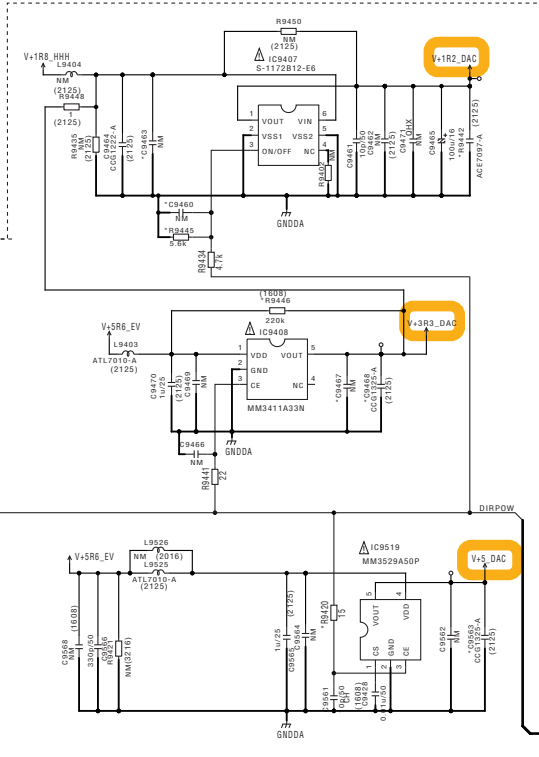
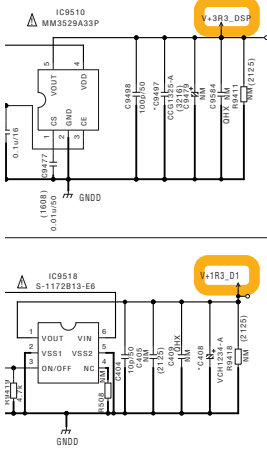
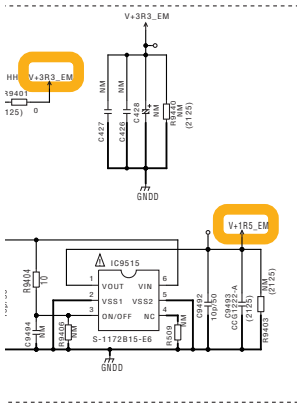
(ZOL_D)  : Audio Data Route (Zone L ch)

4



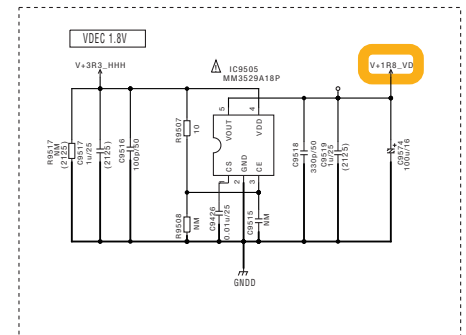
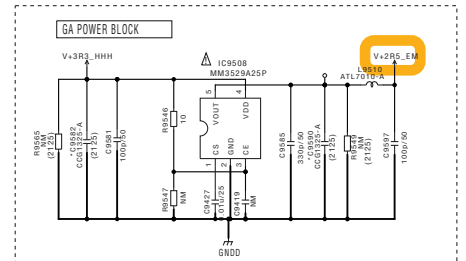
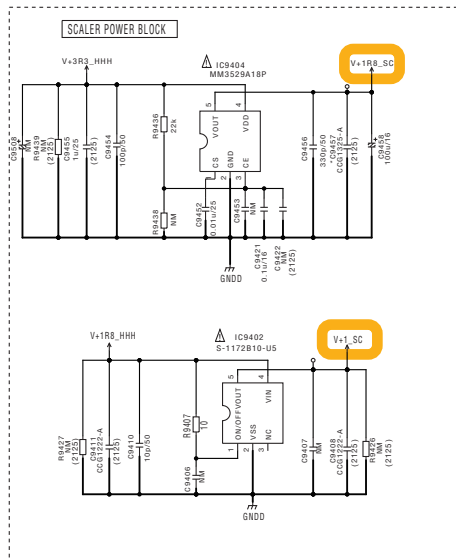
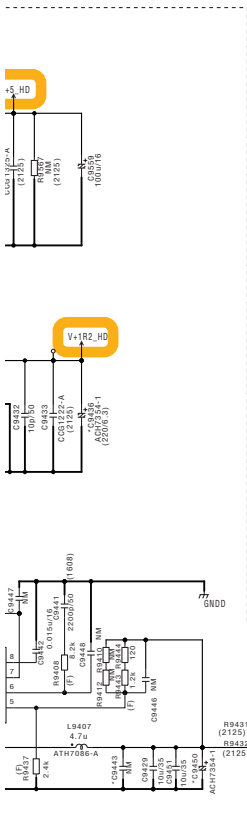
C11/11 DMAIN ASSY (7028074771010)

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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.

Δ 印の部品は、安全上重要な部品です。交換するときは、安全上及び性能維持のため必ず指定の部品をご使用ください。

1u/10は全てDCH1246-Aのこと。
All 1u/10 is DCH1246-A.
CCG1222-A: 4.7u/25V

Contrast Table for DMAIN ASSY

AWX1662 (REG-H_CU): VSX-1124-K/CUXESM, VSX-1129-K/CUXE, VSX-80/CUXE
AWX1913 (REG-H_SY): VSX-924-K/SYXE8, VSX-924-S/SYXE8
AWX1915 (REG-H_JP): VSA-1124/JXE
AWX1916 (REG-H_DL): VSX-924-K/FXE, VSX-924-K/DLXE, VSX-924-K/AXQ5

C 1/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C146	100p/50	33p/50	33p/50	100p/50
C148	470p/50	NM	470p/50	470p/50
C173	NM	820p/50	NM	NM
R167	22k	27k	27k	22k
R227	10	33	33	10
R228	10	33	33	10
R230	10	100	100	10
R234	10	100	100	10
R236	10	100	100	10
R245	47	56	56	47
R251	22k	27k	27k	22k
R252	10	12	12	10

C 2/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C609	NM	ACE7099-A	NM	NM
C649	330p/50	330p/50	220p/50	330p/50
C713	NM	0.1u/16	0.1u/16	NM
C721	1000p/50	NM	NM	1000p/50
C720	1000p/50	0	0	1000p/50
R600	0	0	10	0
R640	100	10	NM	100
R651	100	110	110	100
R657	100	NM	100	100
R677	47	100	100	47
R683	100	10	NM	100
R690	100	10	NM	100
R697	0	100	100	0
R710	NM	100	NM	NM
R731	10	100	100	10
R740	10	100	100	10
R762	100	120	120	100
R772	100	0	0	100
R811	100	10	NM	100
R824	47	56	56	47
R825	47	56	56	47
R852	100	110	110	100
R855	12	33	33	12
R856	12	33	33	12
R857	100	110	110	100
R858	100	110	110	100
R859	100	110	110	100
R861	4.7k	10k	10k	4.7k
R862	4.7k	10k	10k	4.7k
R889	10	24	24	10

C 3/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C9626	100u/16	ACH7354-1	ACH7354-1	100u/16
C9627	0.01u/25	NM	NM	0.01u/25
C9648	VCG1072-A	CCG1325-A	CCG1325-A	VCG1072-A
R9633	10	33	33	10
R9647	10	33	33	10

C 4/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C967	33p/50	33p/50	5p/50	33p/50

C 5/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C1457	0.01u/25	NM	NM	0.01u/25
C1458	NM	0.01u/25	0.01u/25	NM
C1459	1u/10	NM	NM	1u/10
C1468	100p/50	12p/50	12p/50	100p/50
C1469	1u/10	NM	NM	1u/10
C1602	330p/50	100p/50	100p/50	330p/50
C1605	NM	ACH7395-A_Po	ACH7395-A_Po	NM
C1606	NM	0.01u/50	0.01u/50	NM
C1607	0.01u/50	NM	NM	0.01u/50
C1614	15p/50	15p/50	7p/50	15p/50
C1627	1u/25	ACG7117-A	ACG7117-A	1u/25
C1631	330p/50	15p/50	15p/50	330p/50
C1633	1u/25	CCG1325-A	CCG1325-A	1u/25
C1644	22p/50	NM	NM	22p/50
C1654	NM	ACH7306-A	ACH7306-A	NM
C1655	100u/16	ACH7354-1	ACH7354-1	100u/16
C1660	NM	100u/16	100u/16	NM
C1661	CCG1222-A	NM	NM	CCG1222-A
C1662	1u/10	0.1u/16	0.1u/16	1u/10
C1663	NM	47p/50	47p/50	NM
C1671	1000p/50	22p/50	22p/50	1000p/50
C1682	0.1u/16	NM	NM	0.1u/16
C1683	NM	0.1u/16	0.1u/16	NM
C1686	0.01u/50	NM	NM	0.01u/50
C1690	220p/50	33p/50	33p/50	220p/50
C1694	470p/50	330p/50	330p/50	470p/50
C1699	NM	NM	15p/50	NM
C1702	NM	NM	10p/50	NM
C1704	NM	0.01u/50	0.01u/50	NM
C1714	1u/25	CCG1325-A	CCG1325-A	1u/25
C1718	NM	NM	5p/50	NM
C1720	22p/50	22p/50	18p/50	22p/50
C1731	470p/50	47p/50	47p/50	470p/50
C1735	NM	1u/10	1u/10	NM
C1739	NM	NM	10p/50	NM
C1745	470p/50	2700p/50	2700p/50	470p/50

C 5/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C1749	0.01u/25	NM	NM	0.01u/25
C1750	1u/10	0.01u/25	0.01u/25	1u/10
R1604	100	NM	NM	100
R1605	10	47	100	10
R1626	100	150	150	100
R1636	100	120	120	100
R1639	100	150	150	100
R1646	47	68	68	47
R1648	100	150	150	100
R1649	100	150	150	100
R1650	100	150	150	100
R1659	100	150	150	100
R1673	0	22	22	0
R1677	33	47	47	33
R1678	22	47	47	22
R1679	33	47	47	33
R1680	33	47	47	33
R1686	100	150	150	100
R1687	33	47	47	33
R1690	33	47	47	33
R1699	10	12	12	10
R1706	47	68	68	47
R1707	47	68	68	47
R1708	47	68	68	47
R1709	47	68	68	47
R1712	100	NM	NM	100
R1713	100	NM	NM	100
R1717	22	33	47	22
R1718	22	33	47	22
R1719	22	33	47	22
R1743	22	47	47	22
R1744	22	47	47	22

C 6/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C1210	NM	ACG7118-A	ACG7118-A	NM
C1228	DCH1201-A	CCG1325-A	CCG1325-A	DCH1201-A
C1328	NM	NM	12p/50	NM

C 7/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C1505	0.1u/16	0.01u/25	0.01u/25	0.1u/16
C1506	470p/50	330p/50	330p/50	470p/50
R1513	10	NM	10	10
R1517	100	100	150	100
R1532	100	NM	100	100
R1533	100	NM	100	100
R1534	100	NM	100	100
R1549	10	NM	10	10
R1840	47	47	0	47
R1854	NM	10	NM	NM
R1862	NM	100	NM	NM
R1869	NM	100	NM	NM
R1870	NM	100	NM	NM
R1871	NM	100	NM	NM
R1887	0	NM	0	0
R1888	NM	10	NM	NM
R1889	NM	10	NM	NM
R1890	VTL1128-A	VTL1128-A	0	VTL1128-A
R1892	NM	10	NM	NM
R1893	0	NM	0	0
R1894	0	NM	0	0
R1902	120	330	220	120
R1903	120	330	220	120
C1572	0.1u/16	0.01u/25	0.01u/25	0.1u/16
C1576	220p/50	10p/50	10p/50	220p/50
C1585	270p/50	180p/50	180p/50	270p/50
R1535	12	22	22	12
R1563	15	22	22	15
R1569	12	22	22	12
R1574	10	15	15	10
R1576	100	120	120	100
R1577	10	15	15	10
R1580	10	15	15	10
R1585	10	15	15	10
R1837	0	10	10	0
R1844	0	10	10	0
R1855	120	150	150	120
R1897	0	10	10	0
L1504	VTL1129-A	NM	VTL1129-A	VTL1129-A
L1824	NM	VTL1129-A	NM	NM

C 8/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C9005	100u/16	ACH7354-1	ACH7354-1	100u/16
C9010	0.01u/25	NM	NM	0.01u/25
C9011	NM	0.01u/25	0.01u/25	NM
C9020	10p/50	0.01u/25	0.01u/25	10p/50
C9029	100u/16	ACH7354-1	ACH7354-1	100u/16
C9038	27p/50	1800p/50	1800p/50	27p/50
C9041	0.01u/25	10p/50	10p/50	0.01u/25
C9043	0.1u/16	0.1u/16	0.01u/25	0.1u/16
C9044	NM	NM	0.1u/16	NM
C9046	100p/50	100p/50	7p/50	100p/50
C9054	33p/50	33p/50	10p/50	33p/50
C9073	NM	NM	0.1u/16	NM

C8/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C9086	0.01u/25	0.01u/25	NM	0.01u/25
C9092	470p/50	470p/50	22p/50	470p/50
C9096	0.1u/16	0.1u/16	10p/50	0.1u/16
C9100	33p/50	NM	NM	33p/50
C9112	NM	0.01u/25	0.01u/25	NM
C9113	NM	0.1u/16	0.1u/16	NM
C9143	NM	0.01u/25	0.01u/25	NM
C9144	0.1u/16	NM	NM	0.1u/16
R9026	15	15	22	15
R9029	47	56	56	47
R9032	150	150	120	150
R9034	33	36	36	33
R9038	47	51	51	47
R9041	47	100	100	47
R9042	47	100	100	47
R9045	47	56	56	47
R9046	47	100	100	47
R9047	47	56	56	47
R9048	15	15	22	15
R9050	47	100	100	47
R9063	47	51	51	47
R9069	47	51	56	47
R9072	47	51	56	47
R9080	47	56	56	47
R9083	47	51	56	47
R9084	47	56	56	47
R9085	47	51	82	47
R9088	47	100	100	47
R9101	27	47	47	27
R9102	27	47	47	27
R9103	27	47	47	27
R9104	27	47	47	27
R9105	27	47	47	27
R9106	27	47	47	27
R9107	27	47	47	27
R9108	220	270	270	220
R9109	220	270	270	220
R9110	220	270	270	220
R9111	220	270	270	220
R9112	220	270	270	220
R9113	220	270	270	220
R9114	220	270	270	220
R9134	NM	0	0	NM
R9147	100	330	330	100

C9/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C1856	0.1u/16	NM	NM	0.1u/16
C1881	0.1u/16	NM	NM	0.1u/16
C1912	0.01u/50	NM	NM	0.01u/50
C1913	330p/50	NM	NM	330p/50
C1914	82p/50	NM	NM	82p/50
C9705	0.1u/16	NM	NM	0.1u/16
C9708	330p/50	22p/50	22p/50	330p/50
C9713	330p/50	NM	NM	330p/50
C9722	0.1u/50	0.01u/50	0.01u/50	0.1u/50
C9728	0.01u/50	NM	NM	0.01u/50
C9731	0.01u/50	NM	NM	0.01u/50
C9732	330p/50	NM	NM	330p/50
C9737	NM	ACE7107-A	ACE7107-A	NM
C9738	330p/50	ACE7107-A	ACE7107-A	330p/50
C9781	NM	0.01u/50	0.01u/50	NM
C9784	NM	ACE7099-A	ACE7099-A	NM
R9829	NM	470p/50	470p/50	NM
R9830	NM	470p/50	470p/50	NM
R1550	47k	100k	100k	47k
R1812	47k	100k	100k	47k
R1813	22	27	33	22
R1814	22	27	33	22
R1815	22	27	33	22
R1816	22	27	33	22
R1817	22	27	33	22
R1818	22	27	33	22
R1819	22	27	33	22
R1820	22	27	33	22
R1882	15	22	22	15
R1883	15	22	22	15
R1884	15	22	22	15
R1885	15	22	22	15
R1936	NM	0	0	NM
R1937	NM	0	0	NM
R1938	NM	0	0	NM
R1939	NM	0	0	NM
R1940	NM	0	0	NM
R1941	NM	0	0	NM
R1942	NM	0	0	NM
R1943	NM	0	0	NM
R1946	NM	0	0	NM
R1949	NM	0	0	NM
R1950	NM	0	0	NM
R1952	47k	100k	100k	47k
R1953	47k	100k	100k	47k
R1954	15	22	22	15
R1955	15	22	22	15
R1956	15	22	22	15
R1957	15	22	22	15
R1970	NM	0	0	NM
R9701	100	120	120	100
R9702	100	120	120	100
R9703	100	120	120	100
R9704	100	120	120	100
R9715	1	NM	NM	1
R9718	100	100	51	100

C9/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
R9720	0	1	1	0
R9721	0	1	1	0
R9722	0	1	1	0
R9723	0	1	1	0
R9724	0	1	1	0
R9725	0	1	1	0
R9726	0	1	1	0
R9727	0	1	1	0
R9728	220	22	22	220
R9729	47k	56k	56k	47k
R9731	0	1	1	0
R9732	0	1	1	0
R9733	0	1	1	0
R9734	0	1	1	0
R9735	0	1	1	0
R9736	0	1	1	0
R9737	0	1	1	0
R9738	0	1	1	0
R9740	0	NM	NM	0
R9741	0	22	22	0
R9813	NM	1	1.2	NM
R9814	NM	0	0	NM
R9815	0	22	22	0
R9823	NM	0	0	NM
R9824	NM	0	0	NM
R9825	0	NM	NM	0
R9826	0	NM	NM	0

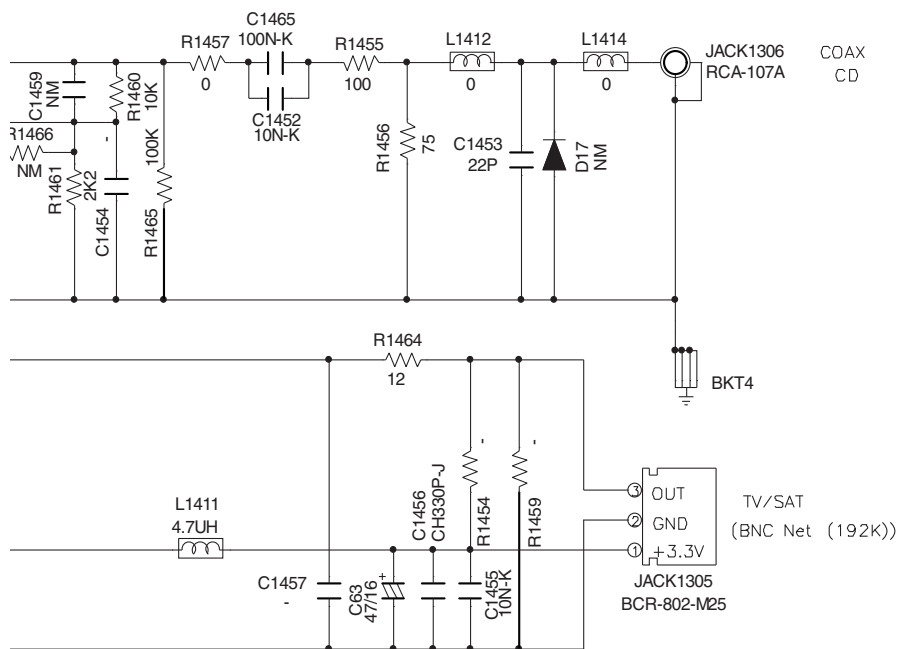
C10/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C9201	1u/25	ACG7119-A	ACG7119-A	1u/25
C9218	NM	15p/50	15p/50	NM
C9251	330p/50	330p/50	7p/50	330p/50
C9284	4.7u/16	CCG1222-A	CCG1222-A	4.7u/16
C9285	4.7u/16	CCG1222-A	CCG1222-A	4.7u/16
C9289	330p/50	330p/50	220p/50	330p/50
C9291	330p/50	330p/50	180p/50	330p/50
C9293	33p/50	22p/50	22p/50	33p/50
C9296	NM	NM	10p/50	NM
C9298	NM	100u/16	100u/16	NM
C9299	NM	100u/16	100u/16	NM
C9300	NM	100u/16	100u/16	NM
C9315	22p/50	22p/50	7p/50	22p/50
C9317	NM	NM	15p/50	NM
C9341	33p/50	33p/50	5p/50	33p/50
C9345	33p/50	NM	NM	33p/50
R9209	39	39	47	39
R9211	39	39	47	39
R9283	39	39	47	39
R9285	68	12k	12k	68
R9293	12k	68	68	12k
R9304	NM	47k	NM	NM
R9315	10	NM	22	10
R9316	22	NM	22	22
R9317	10	NM	10	10
R9318	12	NM	12	12
R9327	0	0	10	0
R9331	22	33	33	22
R9349	22	33	100	22
R9362	22	33	33	22
R9365	0	0	10	0
R9366	0	10	10	0
R9367	0	0	10	0
R9378	22	27	33	22

C11/11

	AWX1662 (REG-H_CU)	AWX1913 (REG-H_SY)	AWX1915 (REG-H_JP)	AWX1916 (REG-H_DL)
C401	100p/50	NM	NM	100p/50
C408	100u/16	VCH1234-A	VCH1234-A	100u/16
C412	NM	10p/50	10p/50	NM
C453	NM	100u/16	100u/16	NM
C455	10u/35	CCG1332-A	CCG1332-A	10u/35
C475	1u/25	NM	NM	1u/25
C476	1u/25	CCG1325-A	CCG1325-A	1u/25
C495	10u/35	CCG1332-A	CCG1332-A	10u/35
C496	10u/35	CCG1332-A	CCG1332-A	10u/35
C9403	1u/25	CCG1325-A	CCG1325-A	1u/25
C9412	CCG1222-A	NM	NM	NM
C9413	DCH1201-A	NM	NM	NM
C9416	1u/25	CCG1325-A	CCG1325-A	1u/25
C9420	33p/50	NM	NM	33p/50
C9443	330p/50	NM	NM	330p/50
C9457	1u/25	CCG1325-A	CCG1325-A	1u/25
C9460	10p/50	NM	NM	10p/50
C9463	33p/50	NM	NM	33p/50
C9467	12p/50	NM	NM	12p/50
C9468	1u/25	CCG1325-A	CCG1325-A	1u/25
C9497	1u/25	CCG1325-A	CCG1325-A	1u/25
C9507	NM	100u/16	100u/16	NM
C9563	1u/25	CCG1325-A	CCG1325-A	1u/25
C9582	1u/25	CCG1325-A	CCG1325-A	1u/25
C9590	1u/25	CCG1325-A	CCG1325-A	1u/25
R9442	NM	ACE7097-A	ACE7097-A	NM
R9420	12	15	15	12
R9428	100	NM	NM	NM
R9429	NM	0	0	0
R9430	NM	0	0	0
R9445	4.7k	4.7k	5.6k	4.7k
R9446	NM	220k	220k	NM
IC9405	NJM2819ADL3-05	NM	NM	NM
D9402	RB051L-40	NM	NM	NM
D9403	RB068L-40	NM	NM	NM

F



10.15 BRIDG ASSY

A

C9/11 CN1801

C7/11 CN150

B

C

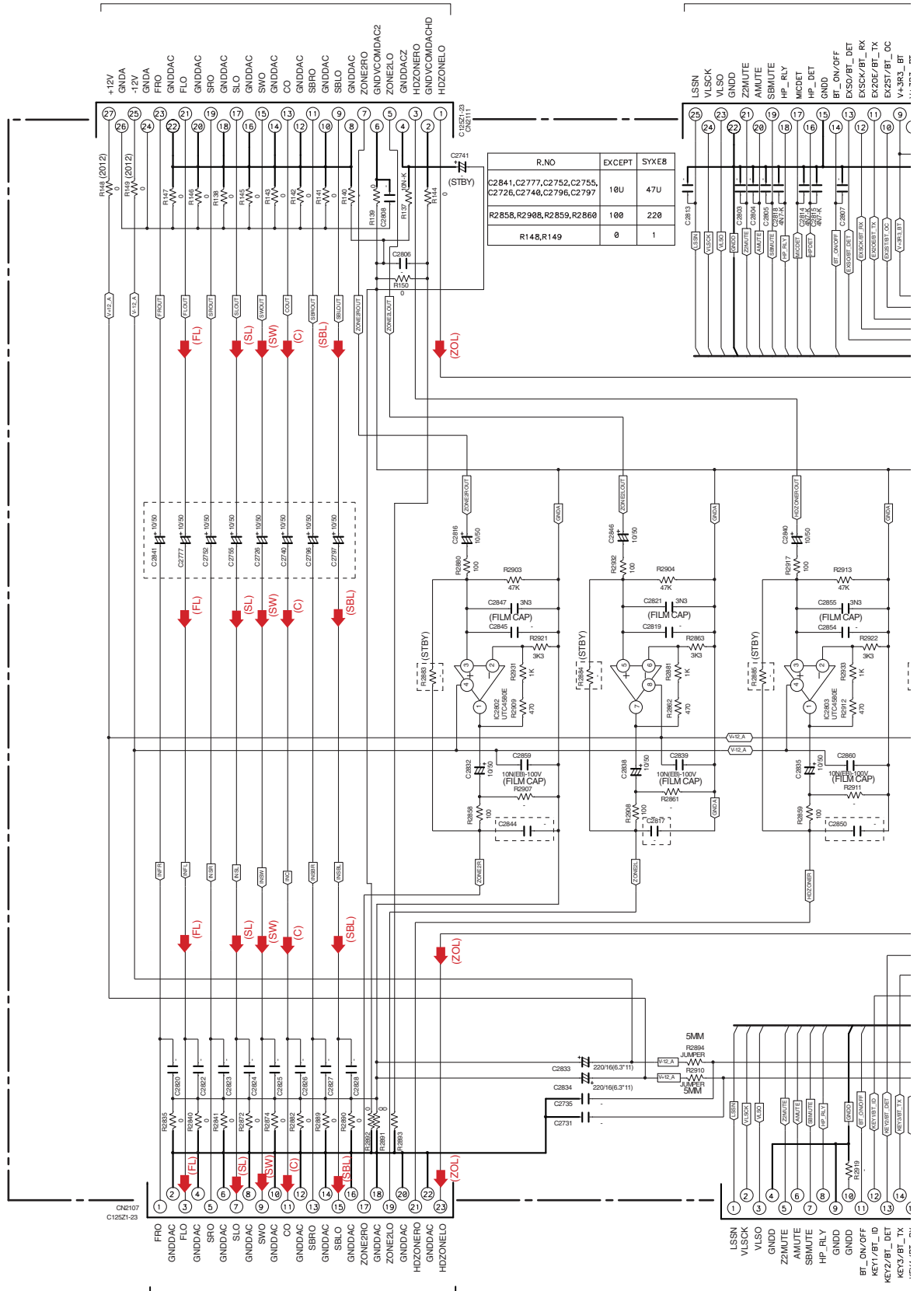
D

E

F

CP15

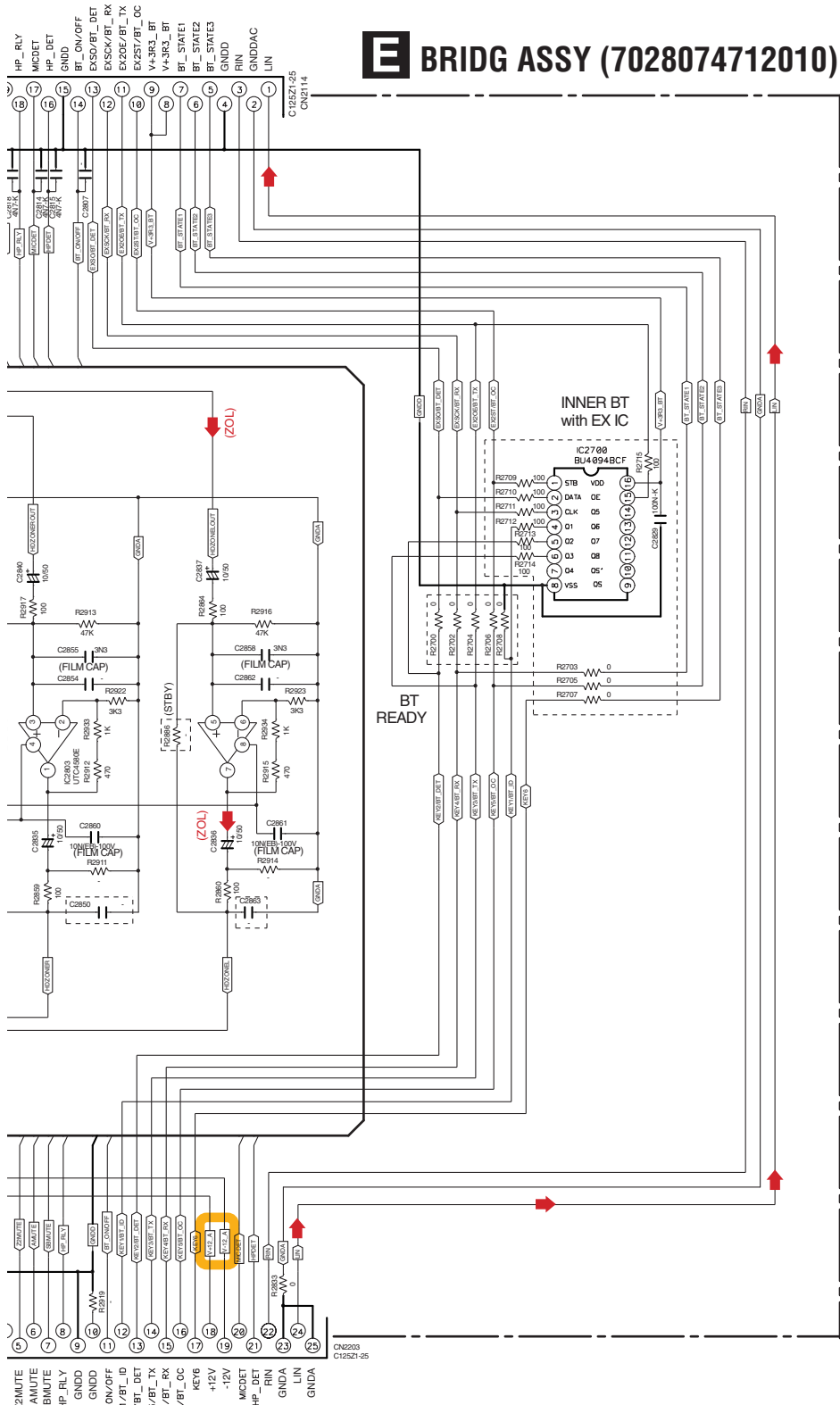
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7/11 CN1504

BRIDG ASSY (7028074712010)

- Audio Signal Route (L ch)
- (FL) Audio Signal Route (Front L ch)
- (SL) Audio Signal Route (Surround L ch)
- (C) Audio Signal Route (Center ch)
- (SBL) Audio Signal Route (Surround Back L ch)
- (SW) Audio Signal Route (Subwoofer ch)
- (ZOL) Audio Signal Route (Zone L ch)



CP14

VSX-1124-K



10.16 VIDEO ASSY

A
B
C
D
E
F

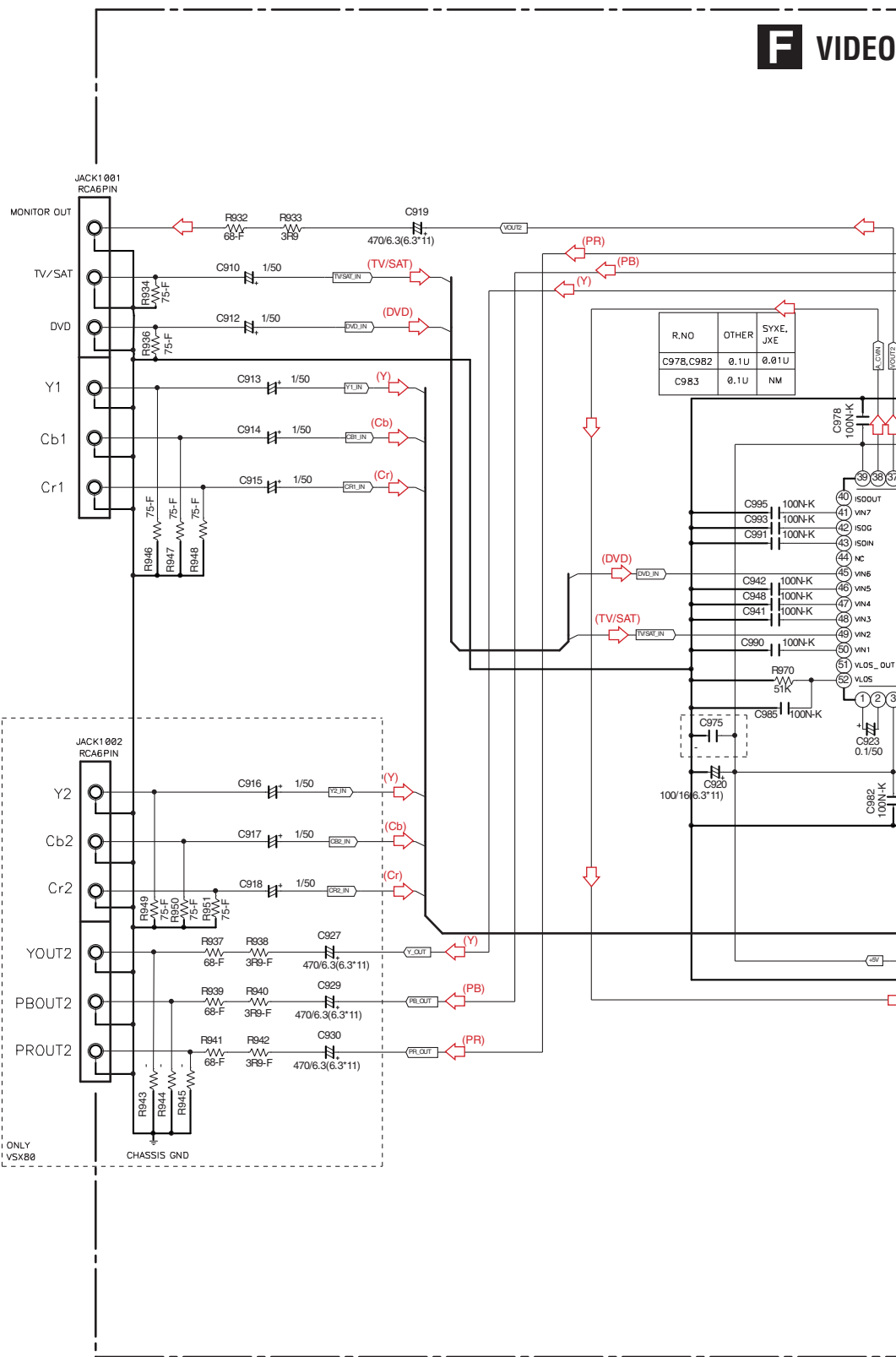
JACK1001

JACK1002

COMPONENT
IN1

COMPONENT
IN2

COMPONENT
MONITOR OUT



A



- Q

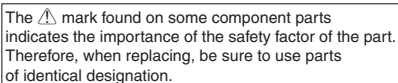
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F

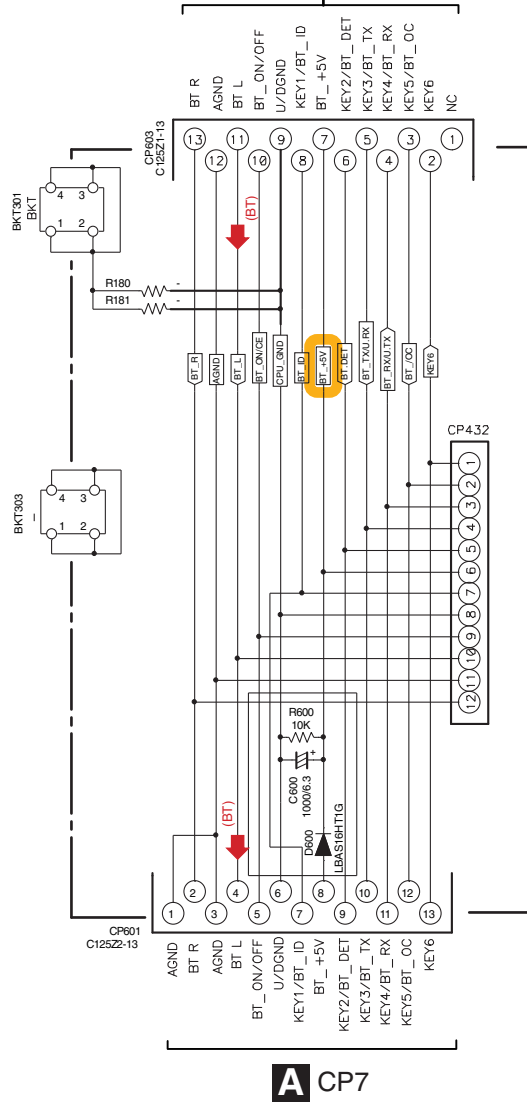
F

△

F



BT-CNT ASSY (7028074716010)



TO MAIN B'D

BT_R	BT_R
AGND	AGND
BT_L	BT_L
BT_ON/OFF	BT_ON/OFF
CPU_GND	CPU_GND
BT_ID	BT_ID
BT_+5V	BT_+5V
BT_DET	BT_DET
BT_TX/U_RX	BT_TX/U_RX
BT_RX/U_TX	BT_RX/U_TX
BT_OC	BT_OC
NC	NC
INNER BT 13P	BT_READY 11P

	D600	C600	R600
SYX E8	LBAS16HT1G	1000/6.3	10K
EXCEPT	0ohm	OPEN	OPEN

(BT) : Audio Signal Route (BT L ch)

△

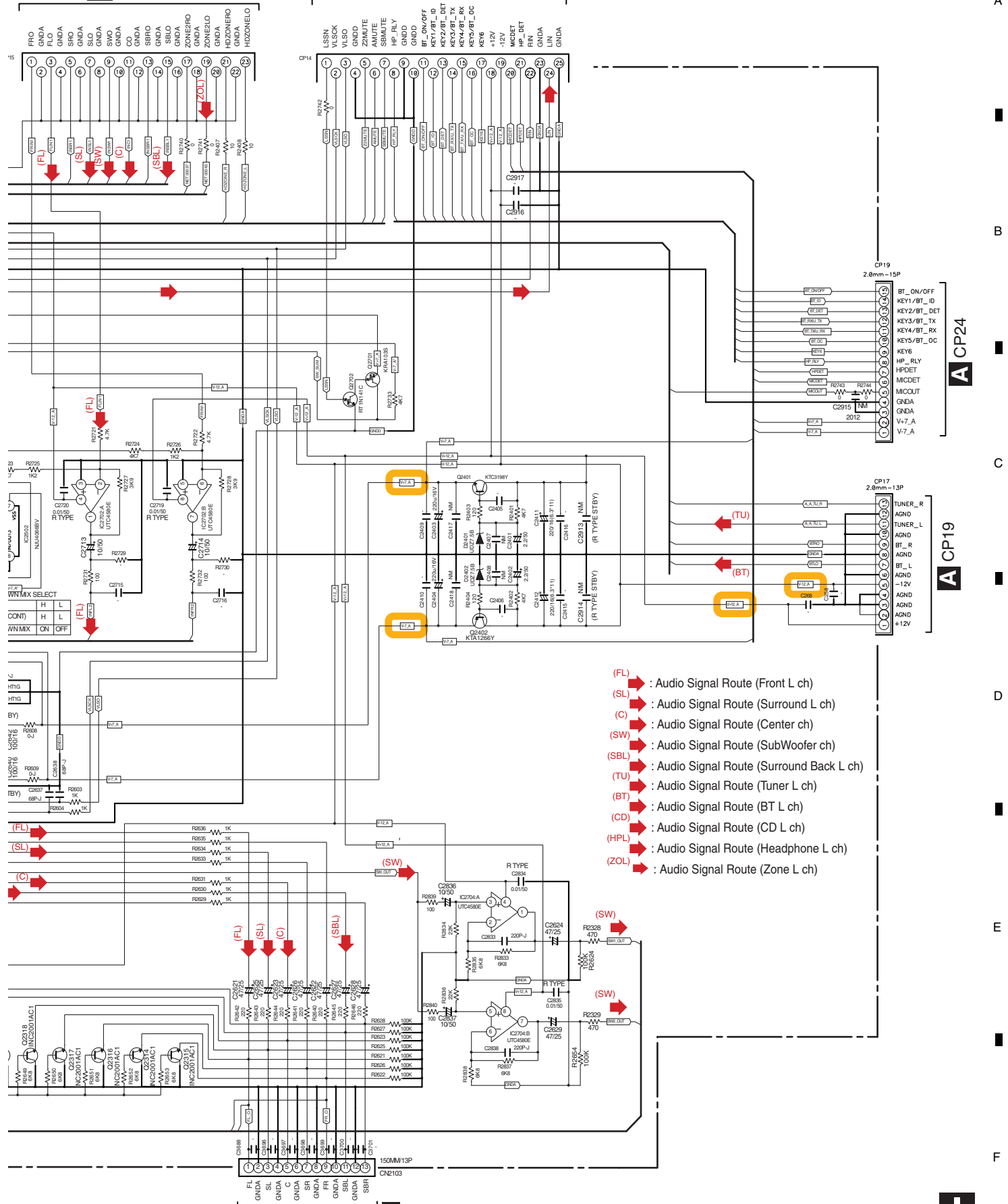
F

4



E CN2107

E CN2203



K 1/2 CP401

VSX-1124-K

4

F



A

C

D

E

F

10.20 AMP7 ASSY (1/2)

NOTES

1. Resistor values are indicated in ohms unless otherwise specified
[k = 1,000 m = 1,000,000]
2. Capacitor values are indicated in microfarads unless otherwise specified.
[p = micro-microfarads]
3.  : These resistor are to be segregated from printed wiring board or other accessible parts.

CAUTION

- Safety precaution to be followed during servicing
- 1) Since those parts marked with are critical parts for safety, use only the one described in the parts list
 - 2) Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.



A

B

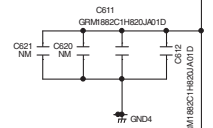
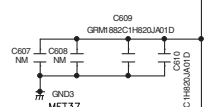
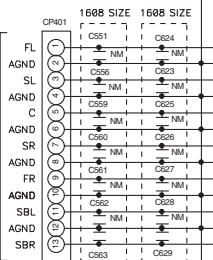
C

D

E

F

1 CN2103



K 2/2

K 1/2

R.NO	SYXE	JXE	OTHER
C605,C609,C612	NM	82P	82P
C610,C611	NM	NM	82P
C405,C421,C437,C453, C469,C485,C501	100P	NM	82P
R436,R480,R523,R566, R609,R652,R695	NM	NM	470K
R461,R470,R491,R492,R505, R508,R533,R535,R548,R576, R578,R579,R591,R594	2.2	NM	2.2

- (FL) : Audi
(SL) : Audi
(C) : Audi
(SBL) : Audi

A

E

1

C

D

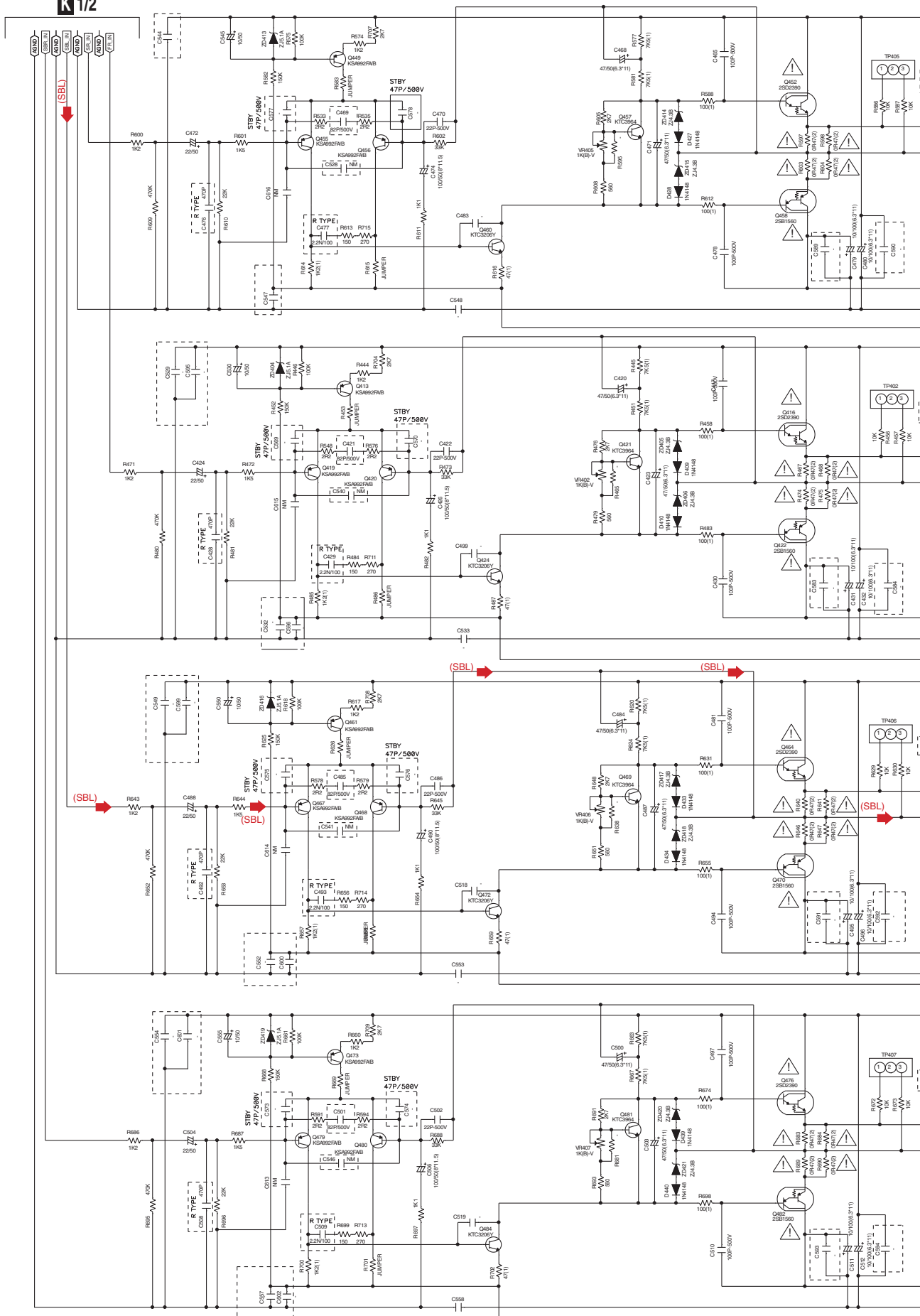
F

F



45

4

K 1/2

4

4

A



C

D

E

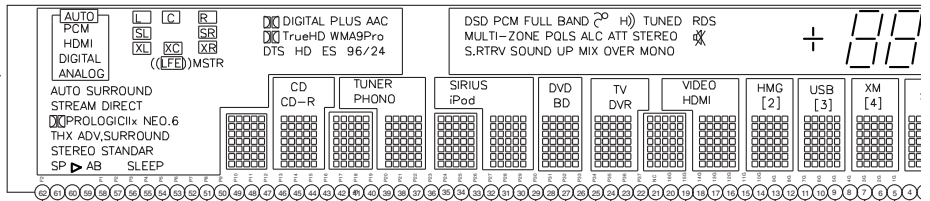
F

10.23 INSEL, FRONT and HPMIC ASSYS

A

- NOTES
1. Resistor values are indicated in ohms unless otherwise specified
[k = 1,000 m = 1,000,000]
 2. Capacitor values are indicated in microfarads unless otherwise specified.
[p = micro-microfarads]
 3.  : These resistor are to be segregated from printed wiring board or other accessible parts.
CAUTION
Safety precaution to be followed during servicing
1) Since those parts marked with are critical parts for safety, use only the one described in the parts list
2) Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

FLT3801
HNA-16MM64
HNA-16MM64(SSOT)



B

NAME	MODEL	AREA	RND	SYN	OTHER
FL AC1	FL AC1	FL AC1	FL AC1	FL AC1	FL AC1
FL AC2	FL AC2	FL AC2	FL AC2	FL AC2	FL AC2
NC	NC	NC	NC	NC	NC
GND	GND	GND	GND	GND	GND
FL AC2	FL AC2	FL AC2	FL AC2	FL AC2	FL AC2

C

FROM MAIN TRANS

RND	SYN	OTHER
FL AC1	FL AC1	FL AC1
FL AC2	FL AC2	FL AC2
NC	NC	NC
GND	GND	GND
FL AC2	FL AC2	FL AC2

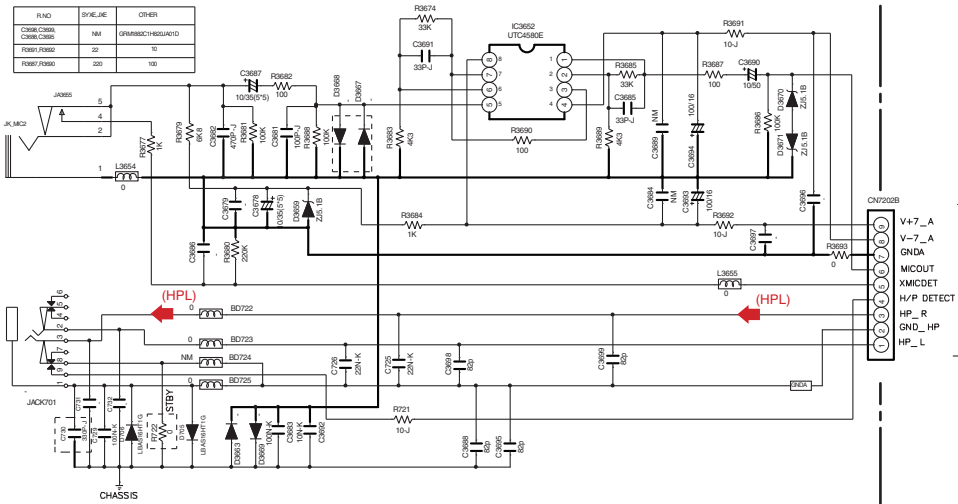
D

RND	SYN	OTHER
FL AC1	FL AC1	FL AC1
FL AC2	FL AC2	FL AC2
NC	NC	NC
GND	GND	GND
FL AC2	FL AC2	FL AC2

E

HPMIC ASSY (702807422010)

RND	SYN	OTHER
FL AC1	FL AC1	FL AC1
FL AC2	FL AC2	FL AC2
NC	NC	NC
GND	GND	GND
FL AC2	FL AC2	FL AC2

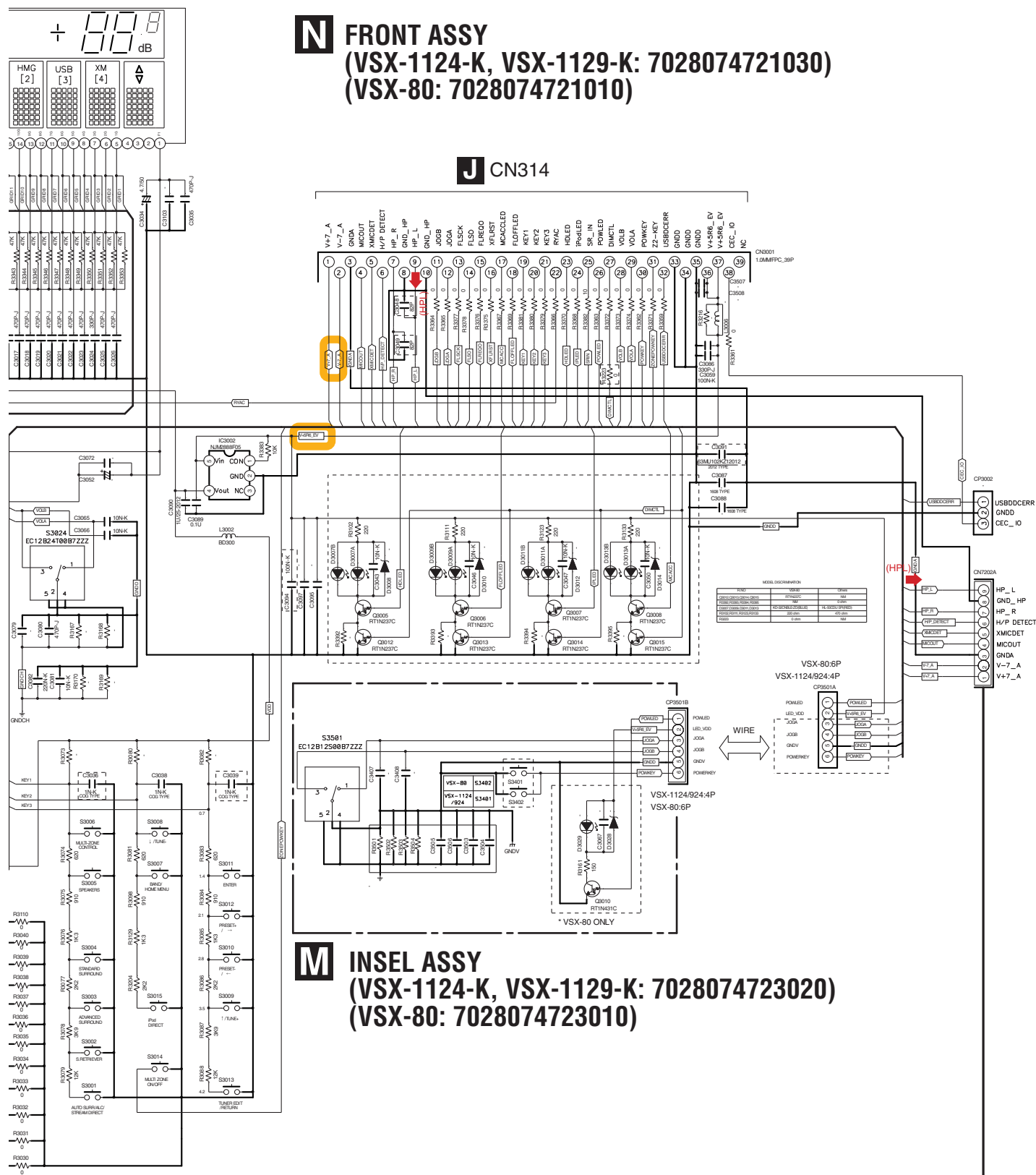


F

NO

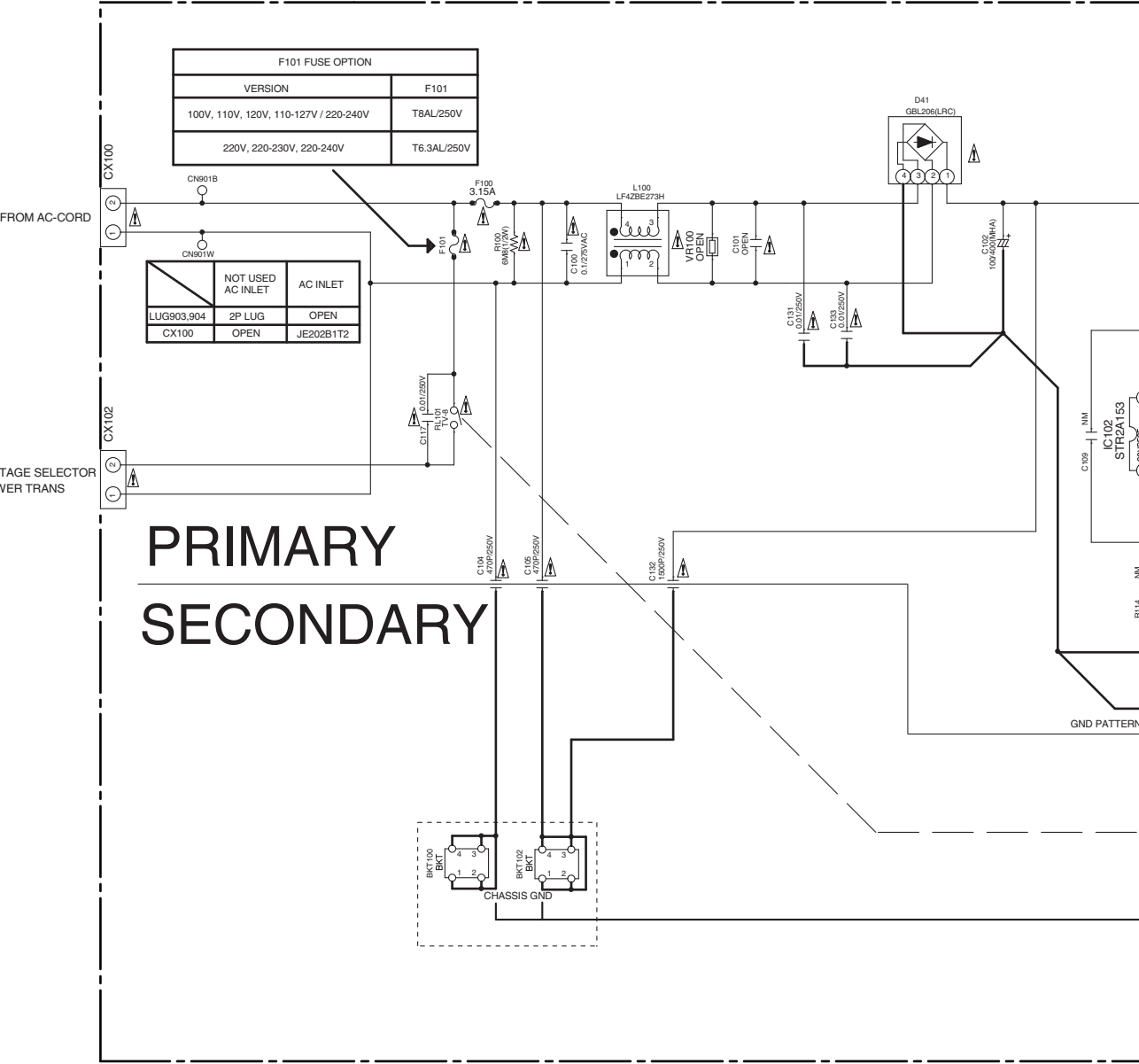
N FRONT ASSY
(VSX-1124-K, VSX-1129-K: 7028074721030)
(VSX-80: 7028074721010)

J CN314



(HPL)  : Audio Signal Route (Headphone L ch)

P SMPS ASSY
(VSX-1124-K, VSX-1129-K: 702807336108A)
(VSX-80: 702807336106A)

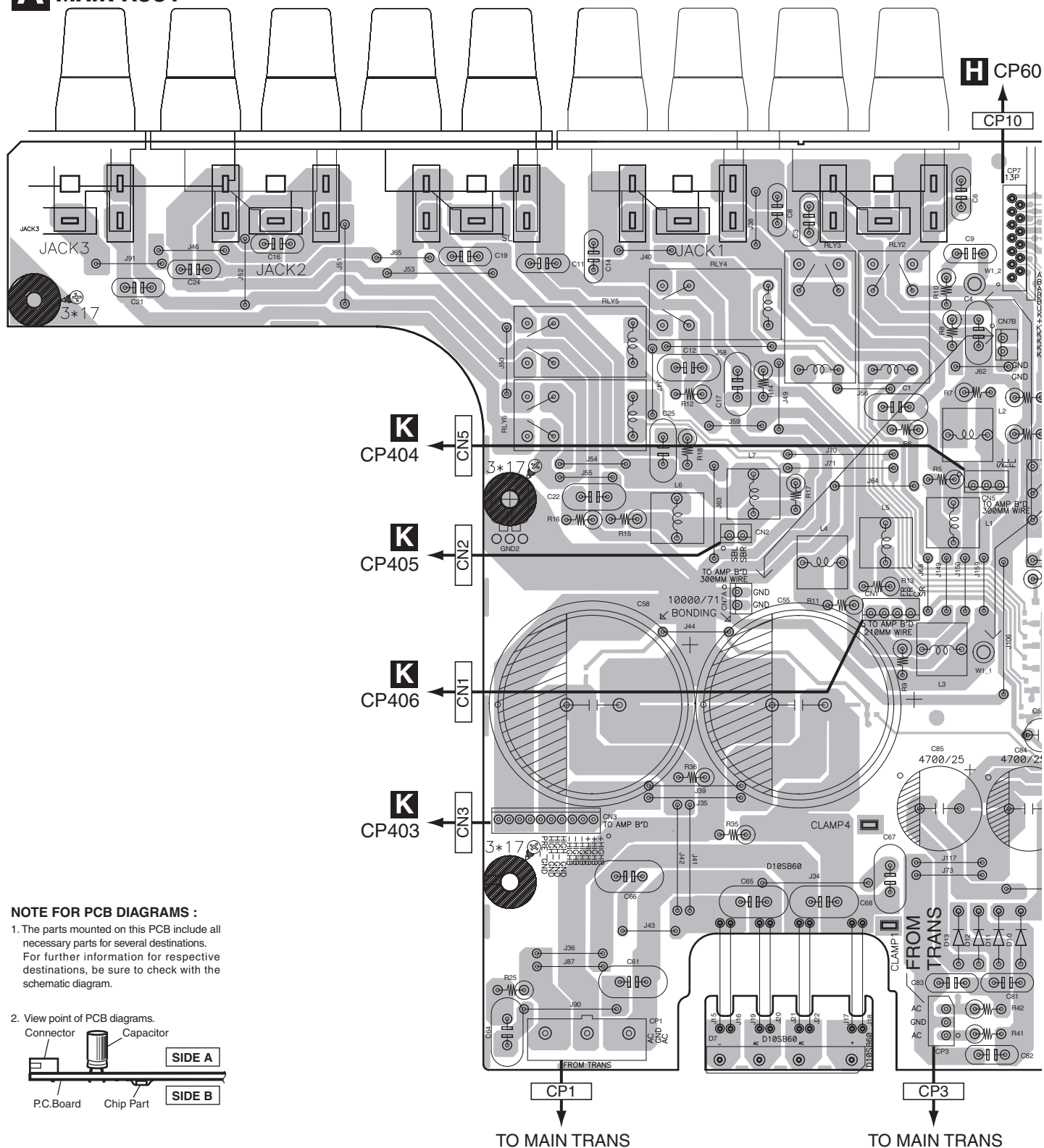


• NOTE FOR FUSE REPLACEMENT
CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE WITH SAME TYPE AND RATINGS OF FUSE.

11.1 MAIN and TEMP ASSYS

SIDE A

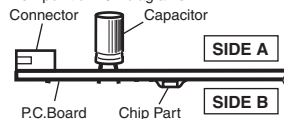
A MAIN ASSY



NOTE FOR PCB DIAGRAMS :

1. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.

2. View point of PCB diagrams.



A



55

1

2

3

4

SIDE B

A

B

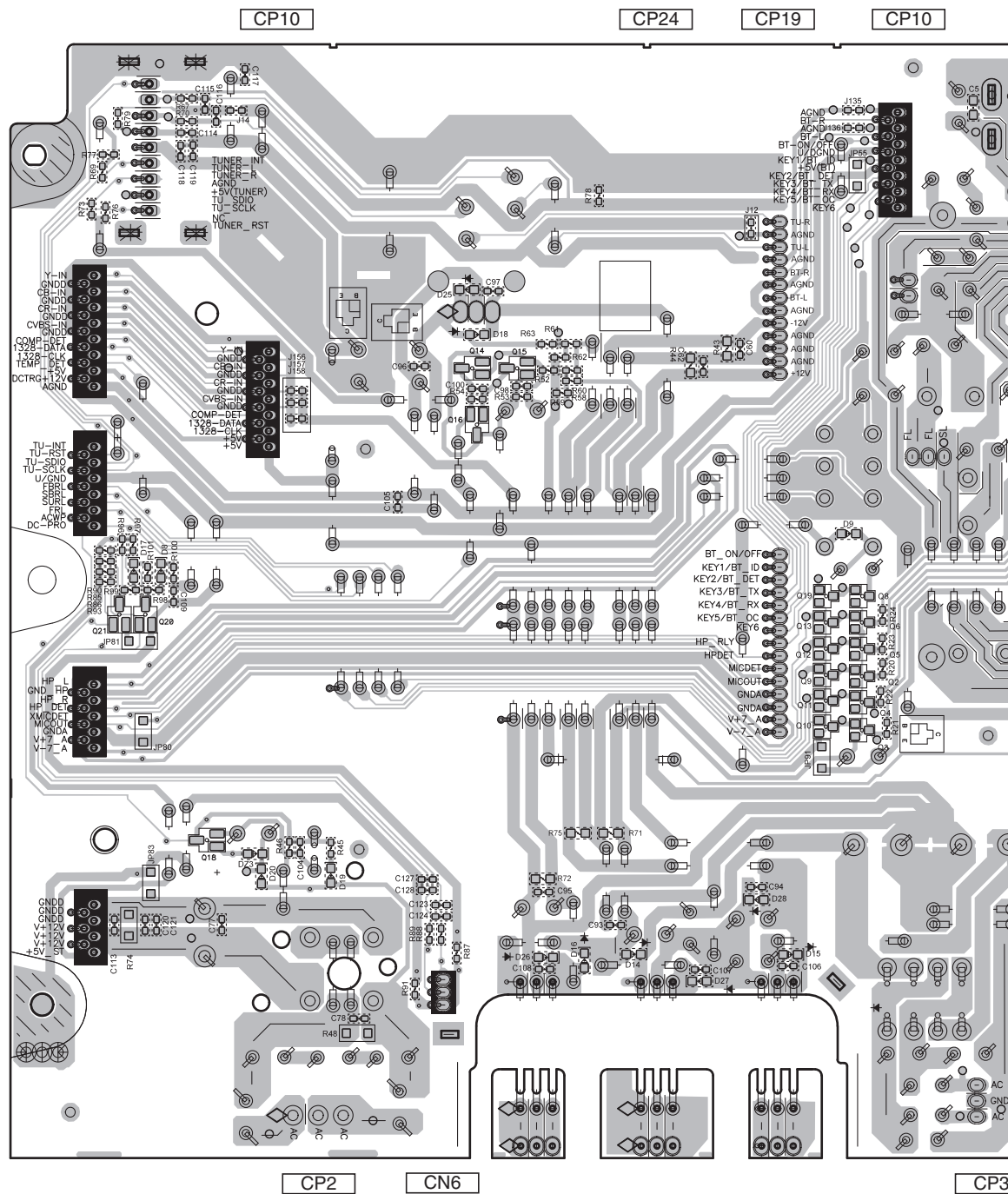
C

D

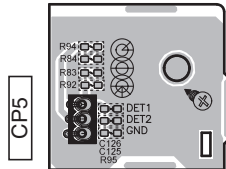
E

F

A MAIN ASSY



B TEMP ASSY



A B

1

2

3

4

SIDE B

A

CP10

B

C

D

F

F

CP3

CP1

CN5

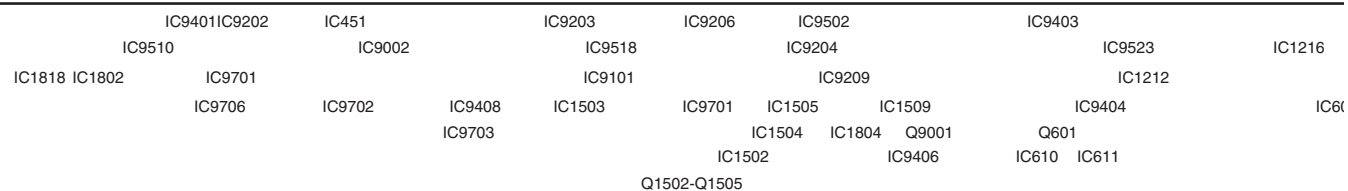
CN2

121

CN3

FROM TRANS

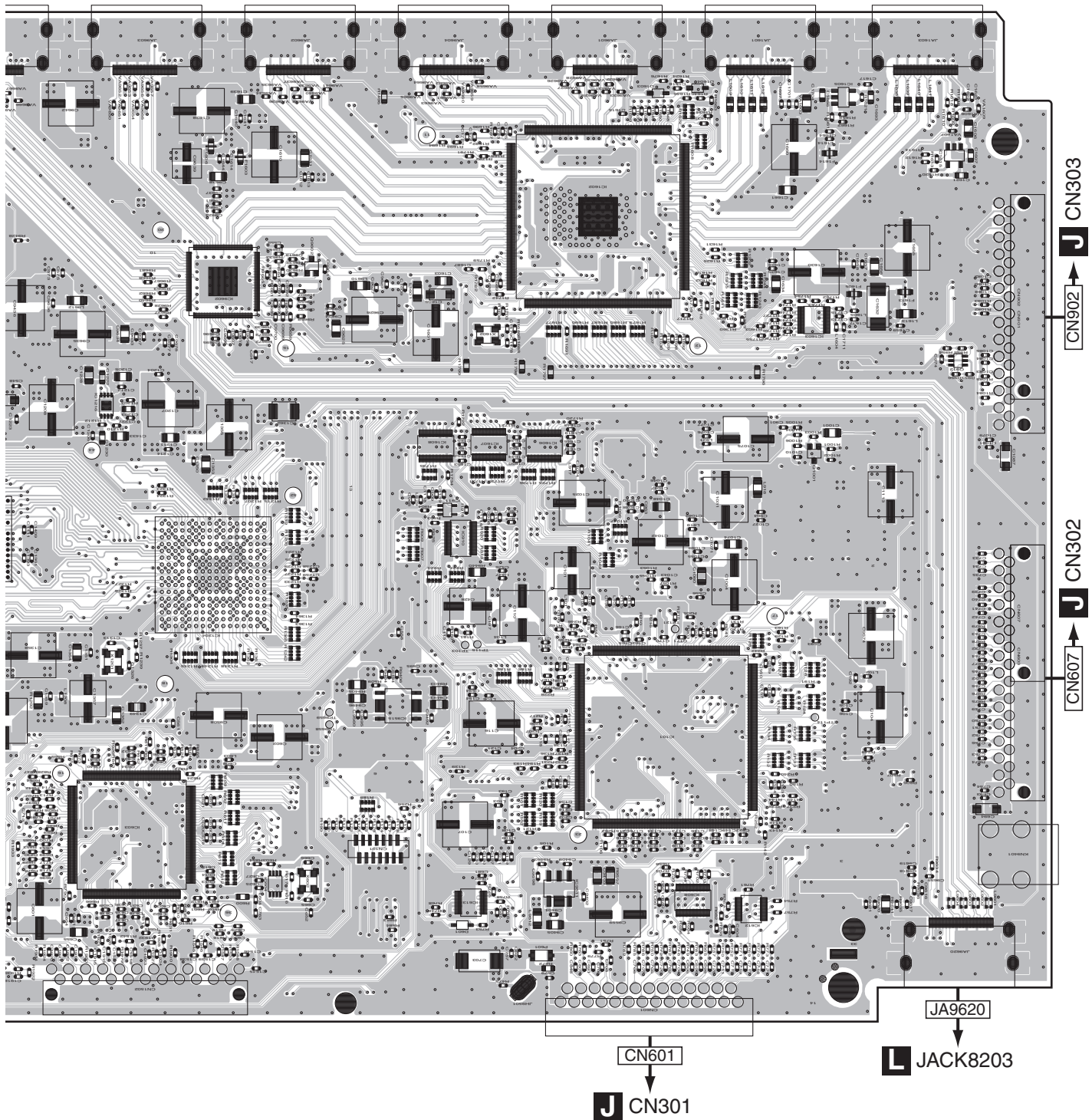
SIDE A

C DMAIN ASSY

VSX-1124-K

SIDE A

A



B

C

D

E

F

C

SIDE B

A

C DMAIN ASSY

B

C

D

E

F

CN902

CN607

JA9620

CN601

Q906-Q911

Q9606 Q9607

Q9608-Q9611

IC9603

IC9505

IC103

IC909

IC902

IC1601

Q9603

IC9405

IC

IC105

IC901

IC9508

IC61

IC102

IC104

C

60

VSX-1124-K

SIDE B

A

CN9502

CN1802

B

CN9501

C

D

E

CN9202

CN1504

CN1801

F

C

61

IC9603 IC615 IC1808 IC9008 IC9001 IC1506
 IC9405 IC9402 IC9208 IC9201 IC9205 IC9004 IC9006 IC9705
 IC616 Q701 IC701 IC1516 IC1501 IC9519 IC9704
 IC614 IC1812 IC1511 IC1521 IC9102 IC9407
 IC1806

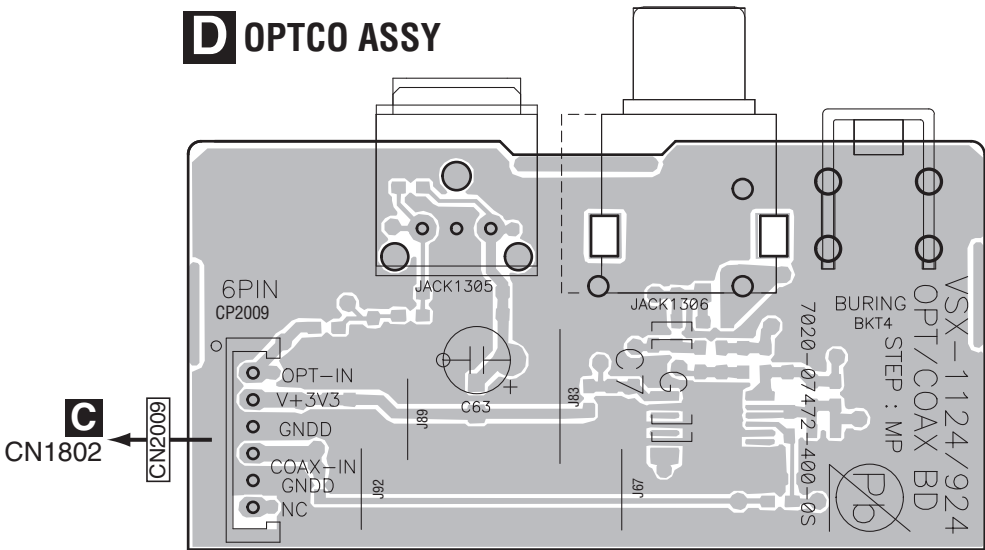
VSX-1124-K

11.3 OPTCO ASSY

SIDE A

SIDE A

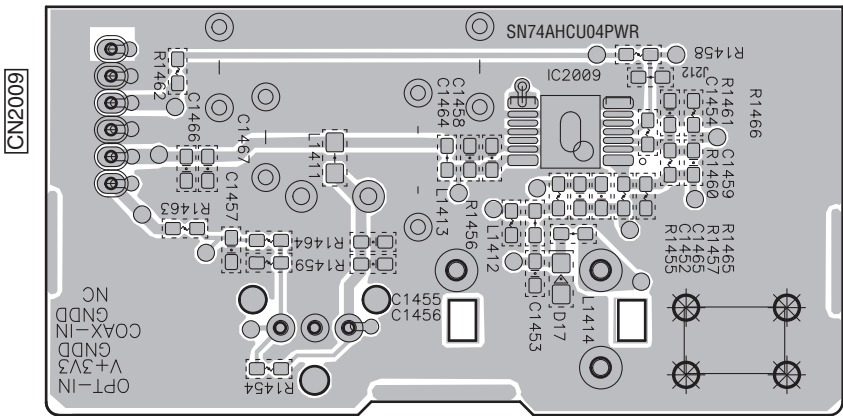
D OPTCO ASSY



SIDE B

SIDE B

D OPTCO ASSY



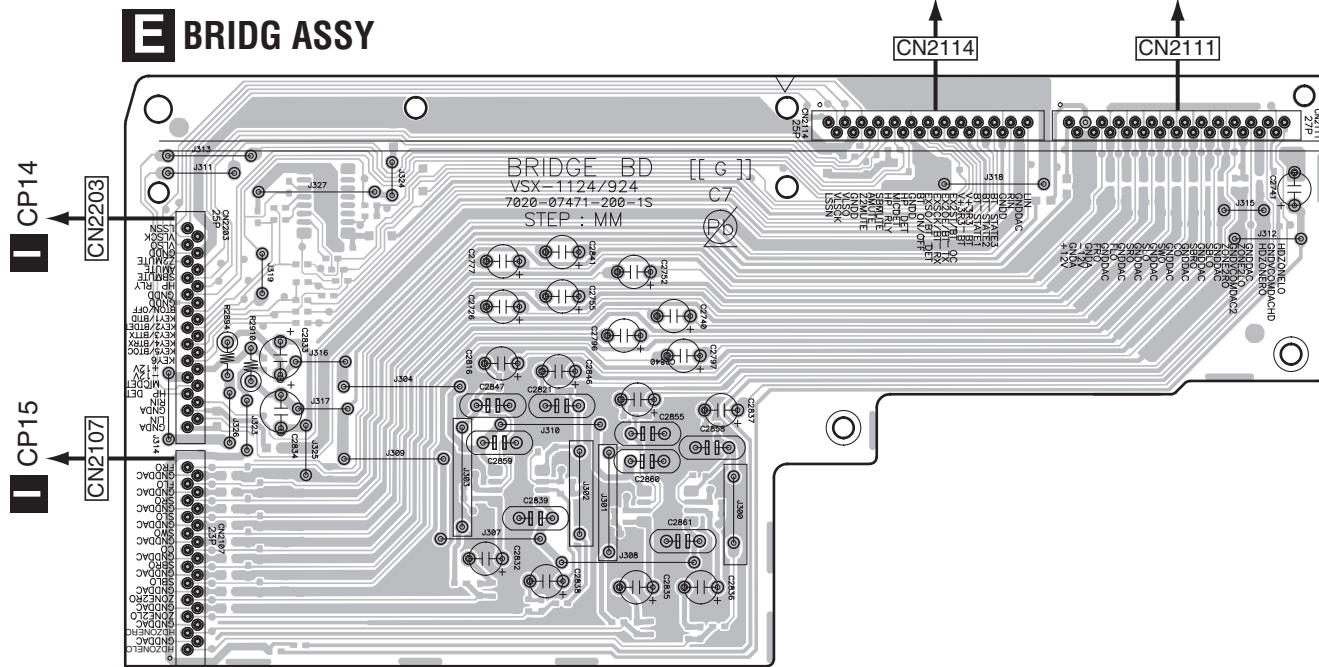
IC2009

D

11.4 BRIDG ASSY

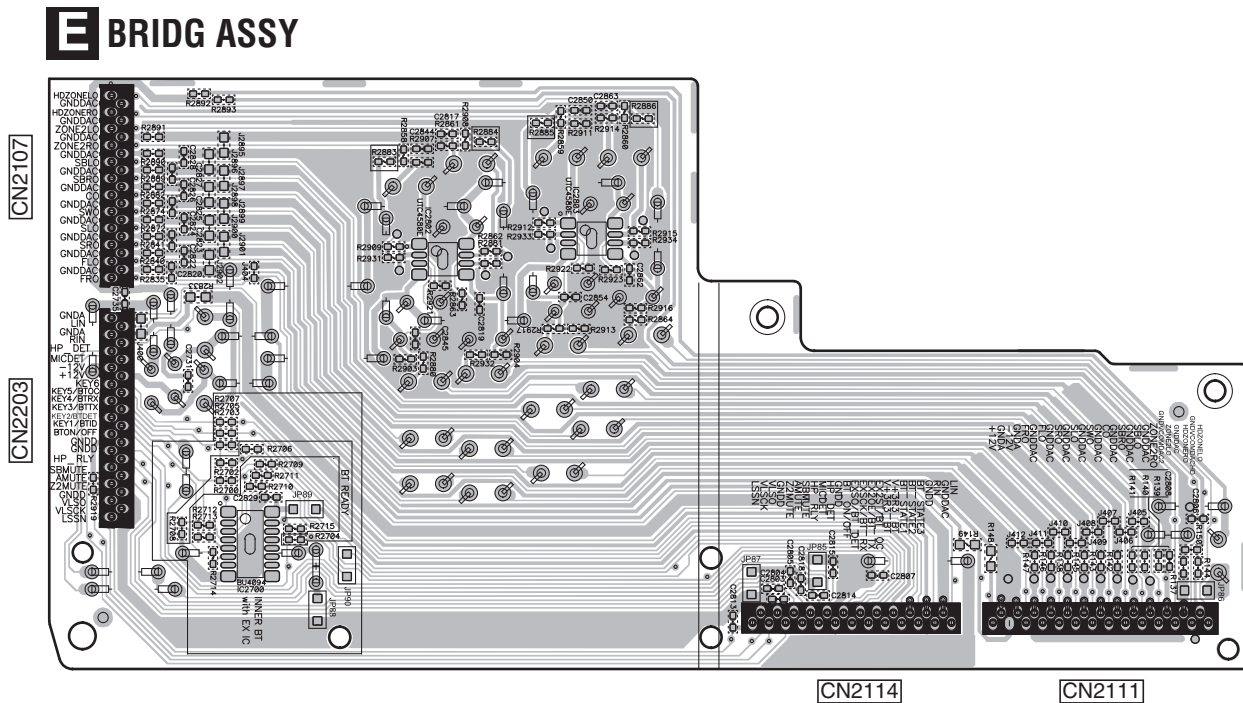
SIDE A

SIDE A



SIDE B

SIDE B



IC2700

IC2802

IC2803

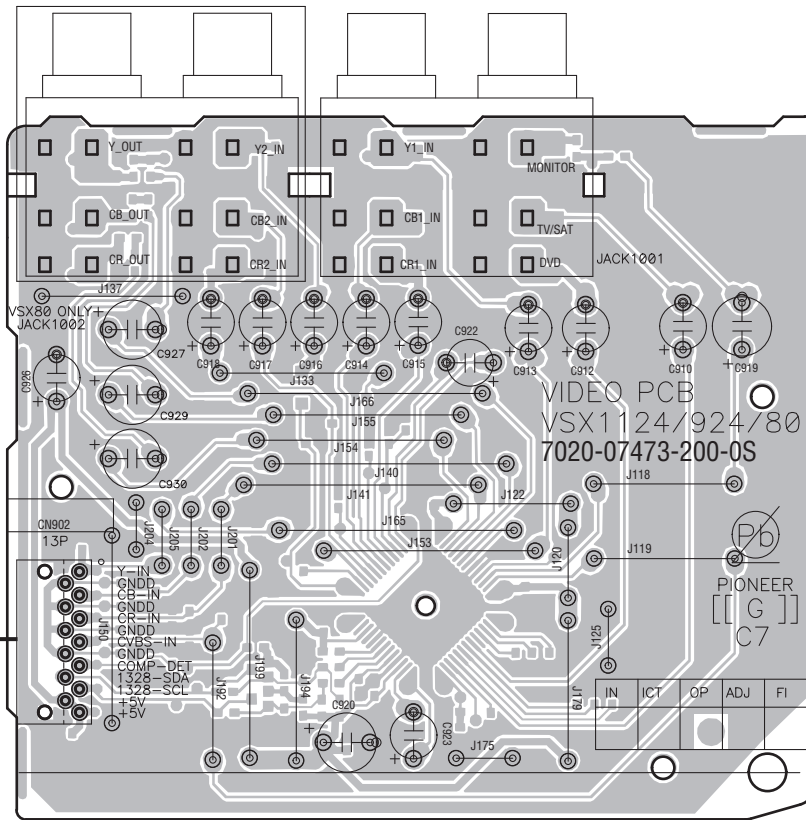
VSX-1124-K

E

63

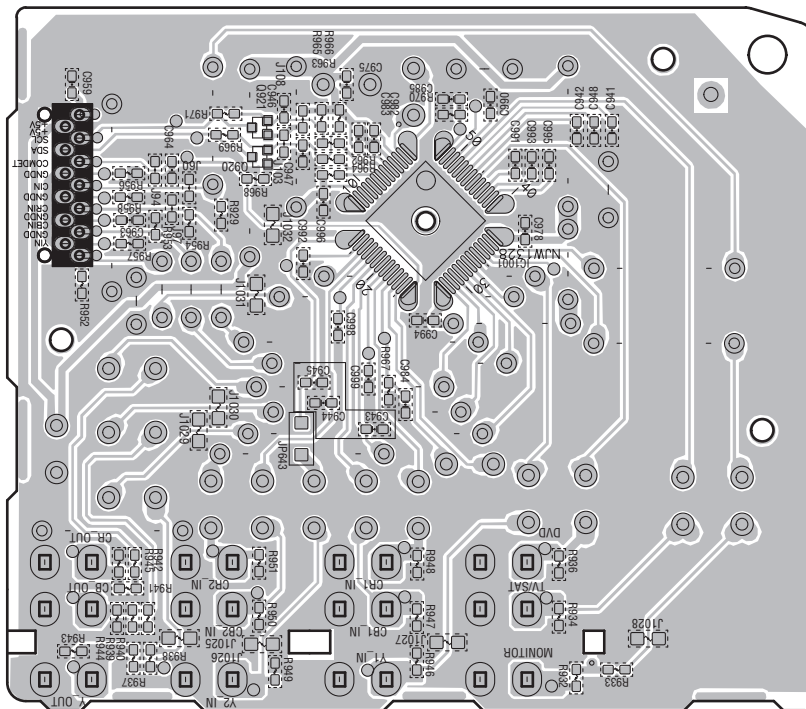
SIDE A

A
CP10



SIDE B

CN902



Q921
Q920
IC1001

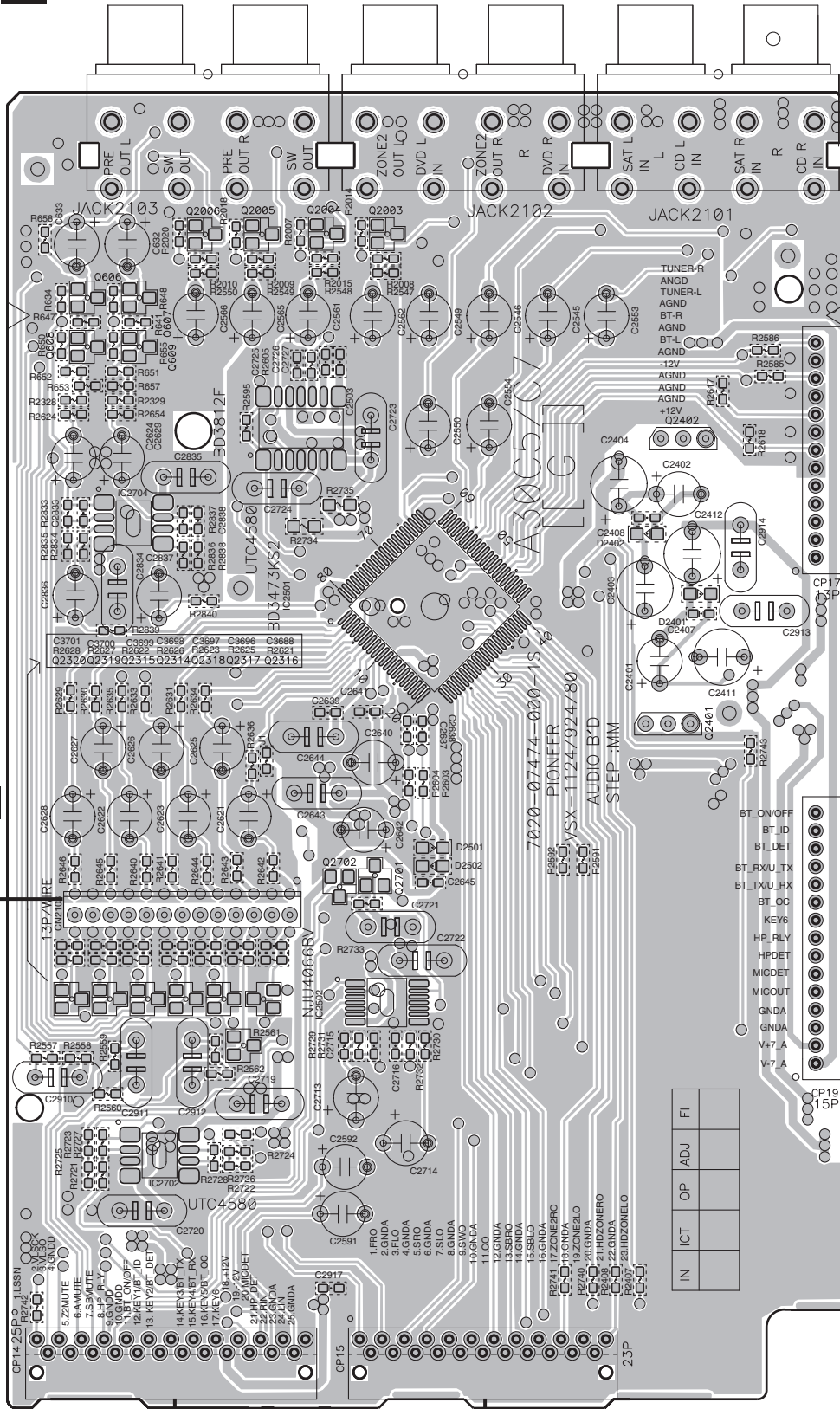
65

11.7 AUDIO ASSY

SIDE A

SIDE A

AUDIO ASSY



Q2003-Q2006

Q606-Q609

IC2503 Q2402

IC2704

IC2501

Q2401

Q2702 Q2701

Q2314-Q2320 IC2502

IC2702

CP17 A CP19

CP19 A CP24

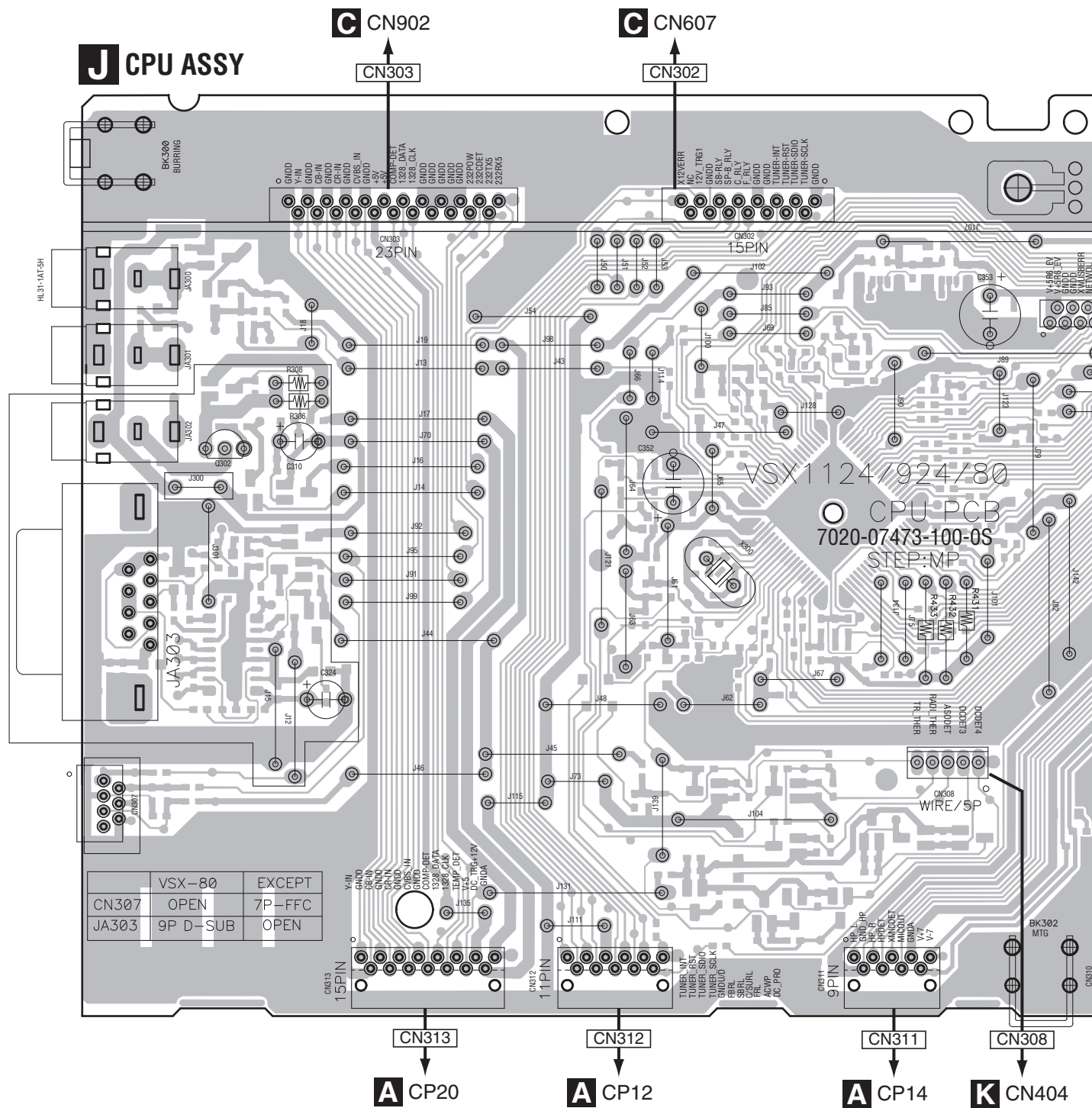
CP14

CP15

E CN2203

E CN2107

VSX-1124-K

SIDE A**J CPU ASSY**

Q302

1

2

3

4

SIDE B

A

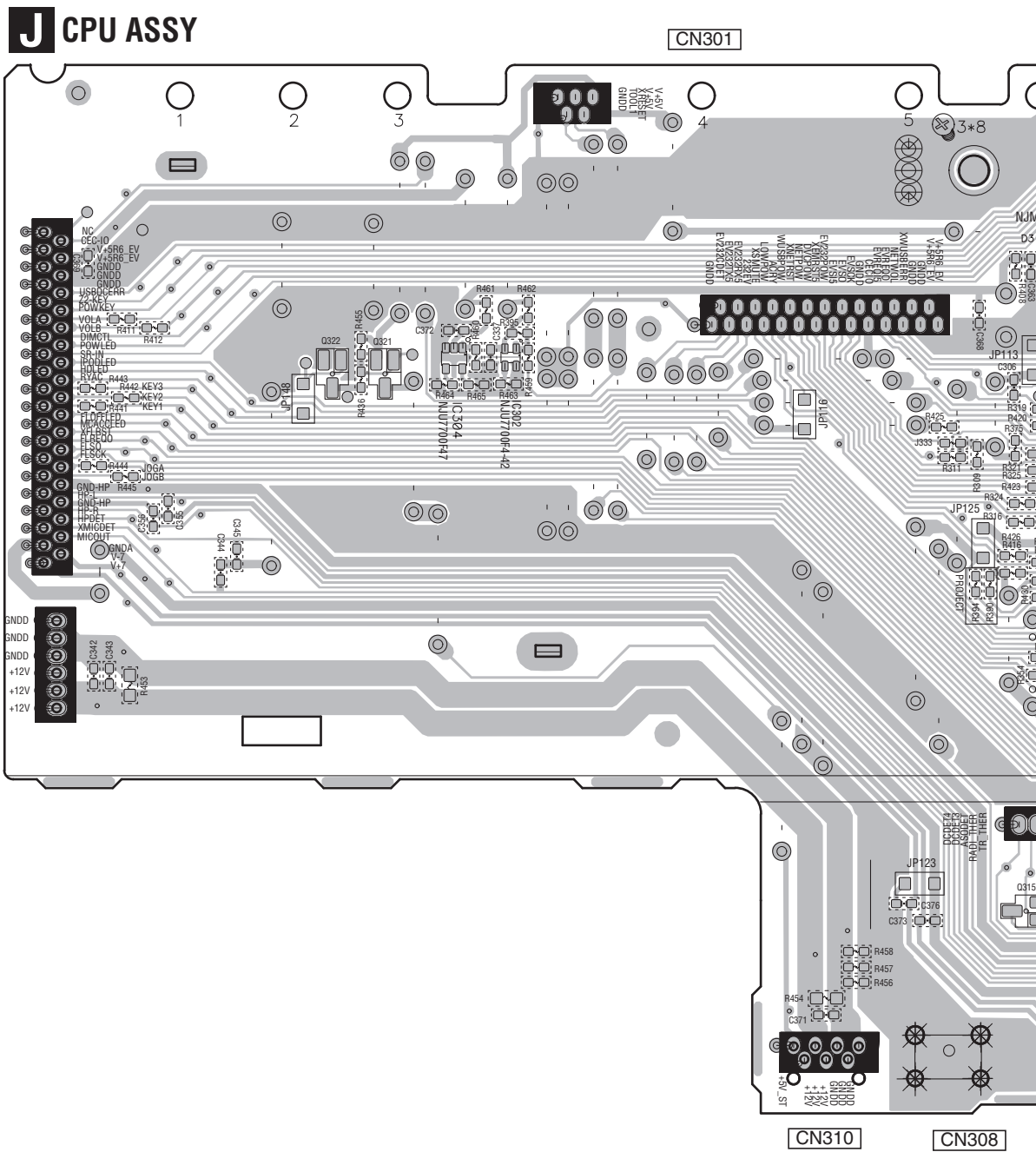
B

C

D

E

F



Q322 Q321 IC304 IC302

Q31

J

70

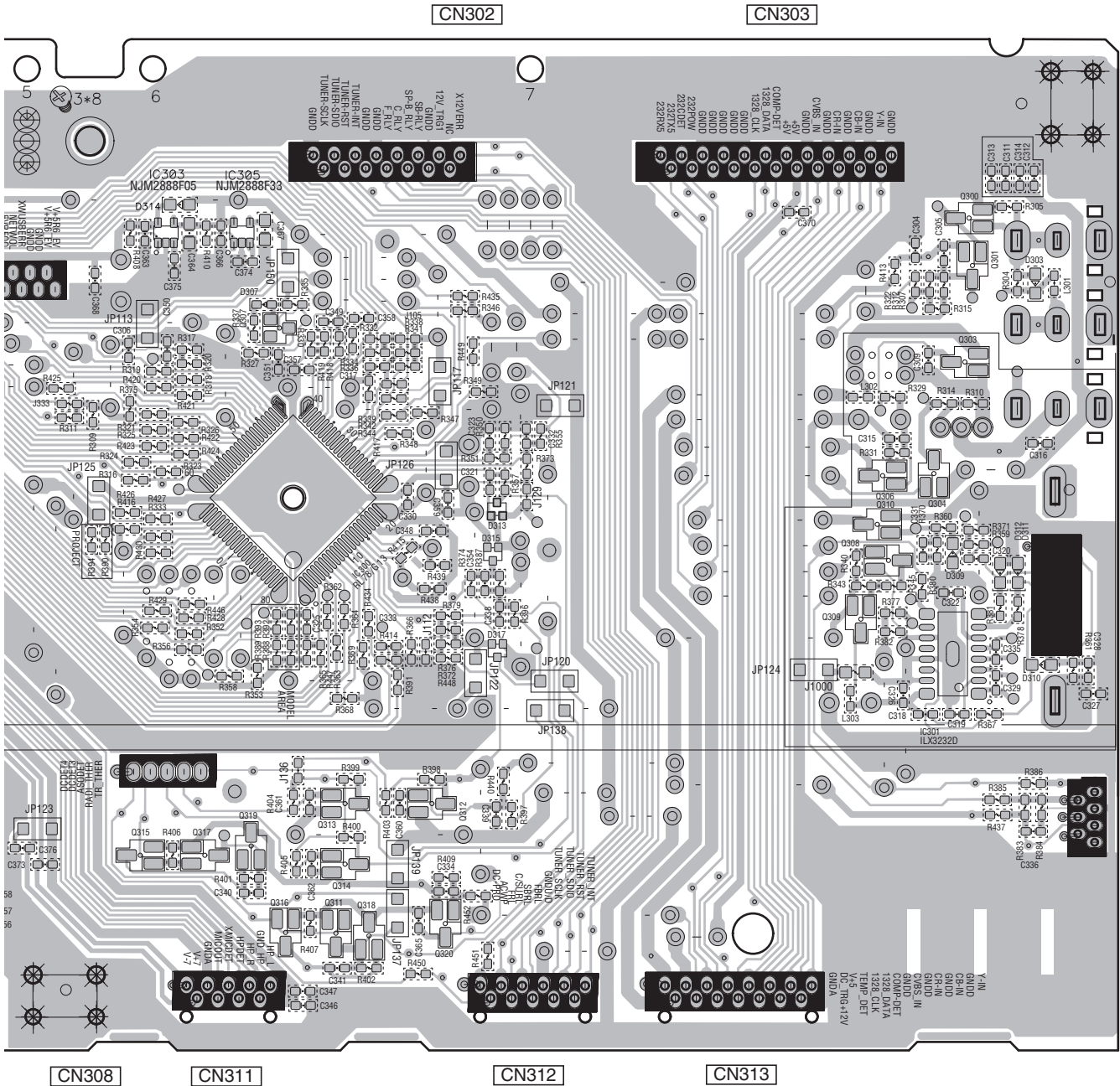
VSX-1124-K

1

2

3

4



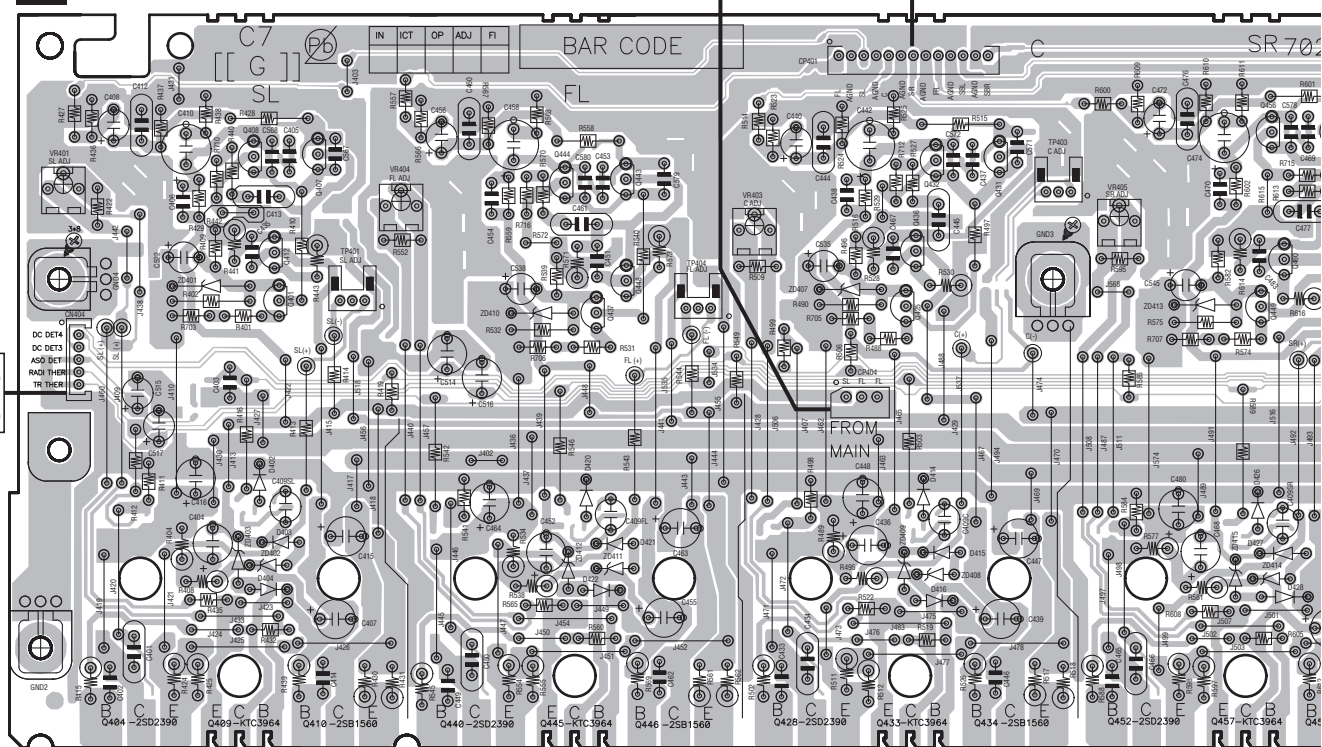
IC303 IC305 Q307
Q315 Q317 Q319 IC300 Q312
Q313
Q314
Q316 Q311 Q318 Q320

Q300
Q306 Q304 Q301
Q310 Q303
Q308
Q309 IC301

11.9 AMP7 ASSY

SIDE A

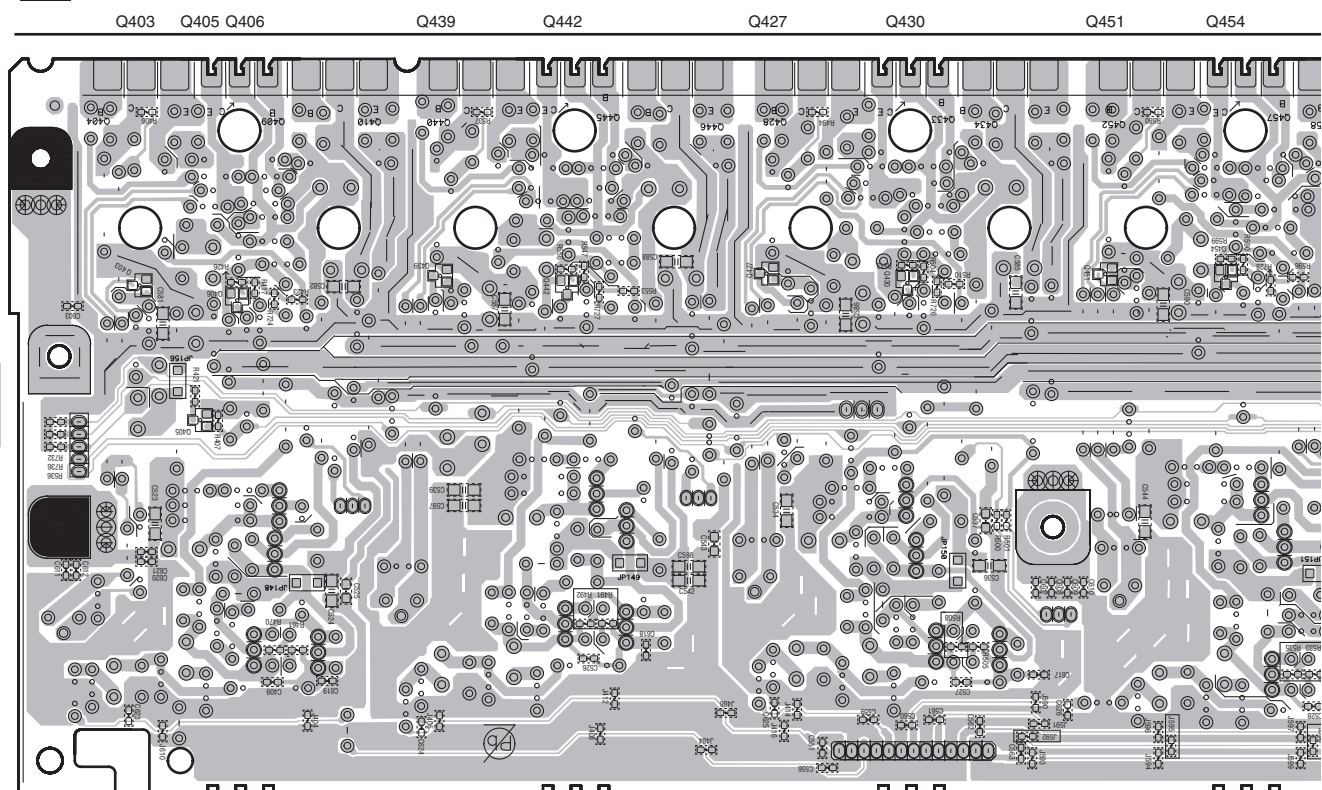
K AMP7 ASSY



VR401 Q408 Q412 Q407 VR404 Q444 Q448 Q443 VR403 Q432 Q425 Q431 VR405 Q456 Q460 Q449 Q404 Q409 Q410 Q440 Q445 Q437 Q446 Q428 Q433 Q434 Q452 Q457

SIDE B

K AMP7 ASSY

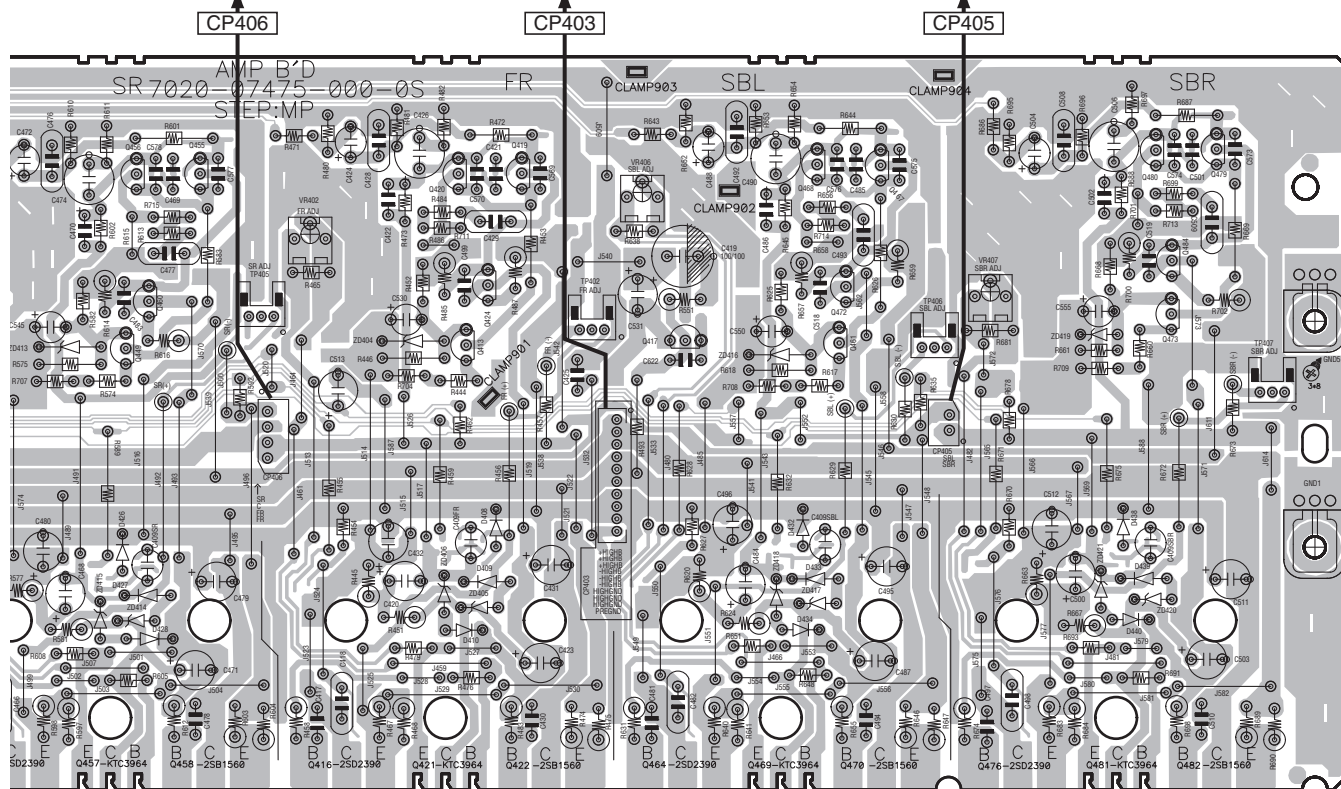


Q403 Q405 Q406 Q439 Q442 Q427 Q430 Q451 Q454

K

A CN1**A** CN3**A** CN2**SIDE A**

A



VR402

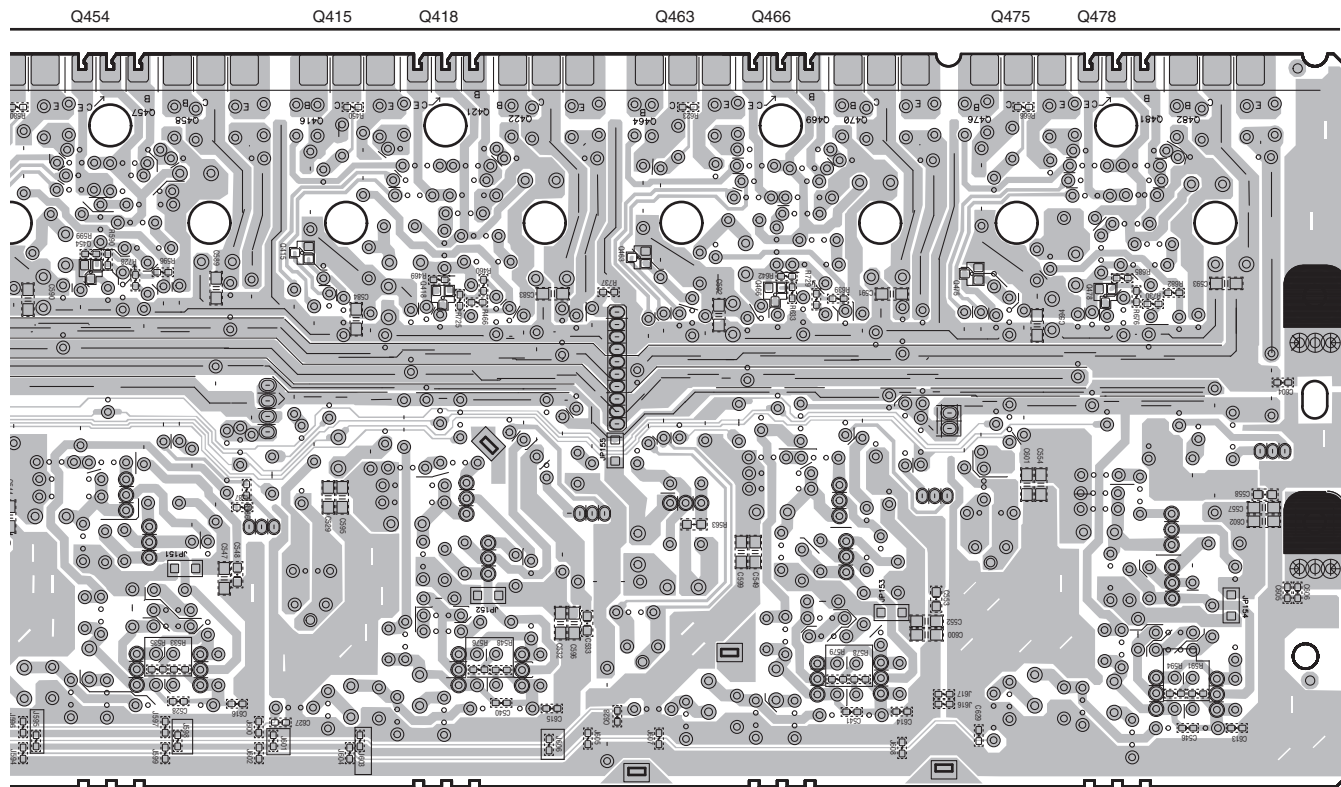
VR406

VR407

Q456 Q455
Q460 Q449
Q457 Q458
Q416
Q420 Q413 Q424
Q421 Q422
Q417 Q464
Q469
Q468 Q461 Q472
Q470
Q476
Q480 Q473 Q484
Q482

SIDE B

D



CP406

CP403

CP405

VSX-1124-K

K

SIDE A

CN3004

CP3501A

CN7202A



CN7202B

M INSEL ASSY

VSX-1124-K

A

N FRONT ASSY

PIONEER
7020-07472-100-1S

D



L FHDMI ASSY

IC2021
IC1308
IC8202
IC808

F

LN

75

VSX-1124-K

SIDE B

A

Q501 Q3012
Q3005
IC3002
Q3009
Q3007
Q3014

FRONT ASSY

B

CN3001

C

CP3002

D

JACK8203

CN803

CN3603

CN801

E

Q7504

CP3601

F

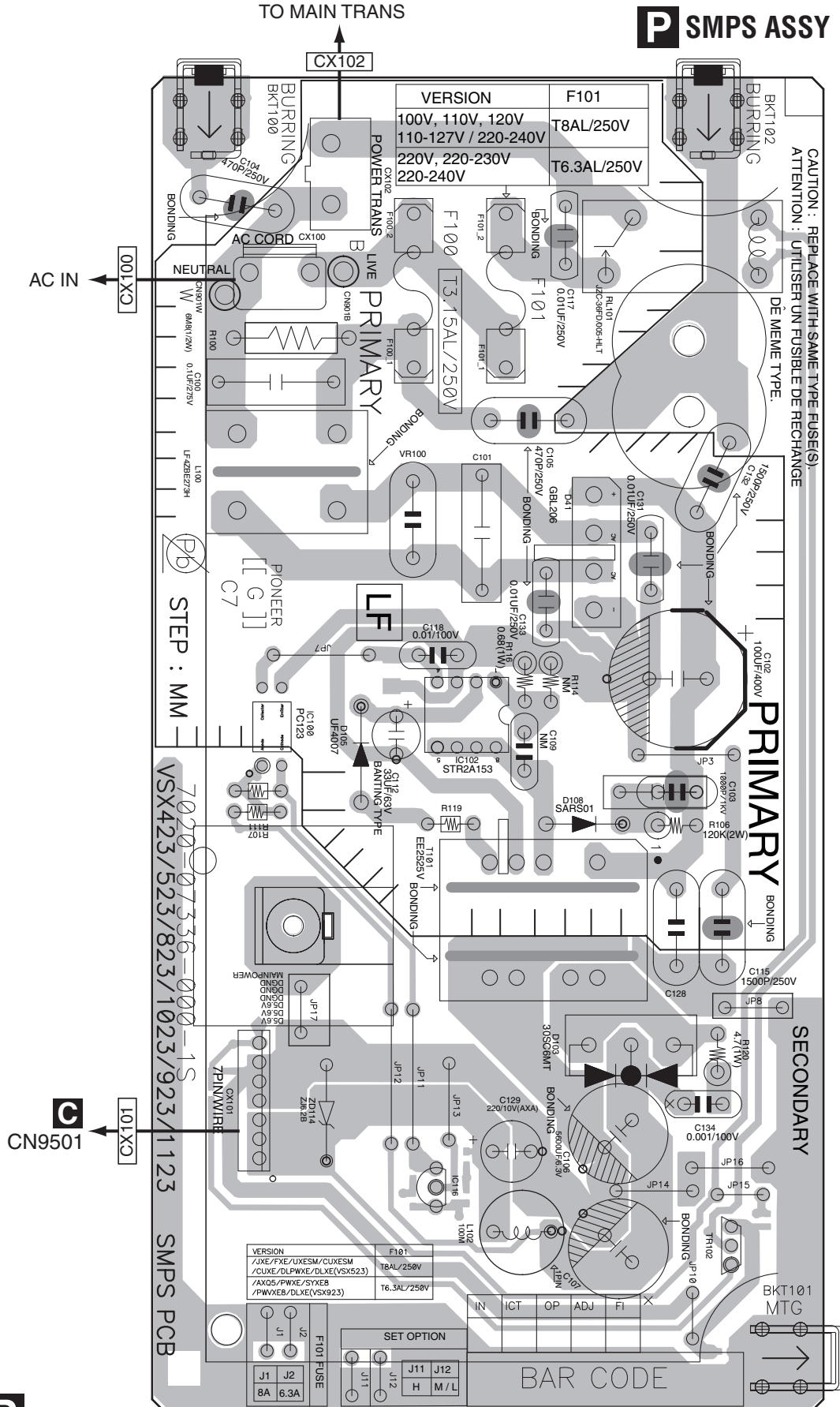
FHDMI ASSY

L N

11.11 SMPS ASSY

SIDE A

SIDE A



12. PCB 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.

- 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 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

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

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

5.62 k Ω $\rightarrow$ 562 $\times 10^1$ $\rightarrow$ 5621 RN1/4PC $\begin{bmatrix} 5 \\ 6 \end{bmatrix} \begin{bmatrix} 2 \\ 1 \end{bmatrix} F$

- SCHEMATIC DIAGRAM and PCB CONNECTION DIAGRAM $\rightarrow$ ● PCB PARTS LIST

BKT $\rightarrow$ none	BEAD $\rightarrow$ L	RLY $\rightarrow$ RY	SW $\rightarrow$ S
CLAMP $\rightarrow$ none	F $\rightarrow$ FU	RMC $\rightarrow$ U	VEC $\rightarrow$ S9***
W $\rightarrow$ none	FLT $\rightarrow$ V	RES $\rightarrow$ X	GND $\rightarrow$ KN
LUG $\rightarrow$ none	JACK $\rightarrow$ JA	XTAL $\rightarrow$ X9***	
P $\rightarrow$ none	JACK $\rightarrow$ JA9***	BD $\rightarrow$ L7***	
PACK $\rightarrow$ 9***	JK $\rightarrow$ JA	LED $\rightarrow$ D8***	
CP $\rightarrow$ CN	PT $\rightarrow$ T	Z $\rightarrow$ D9***	
CP $\rightarrow$ CN9***	REG $\rightarrow$ IC	ZD $\rightarrow$ D9***	
CX $\rightarrow$ CN9***	REG $\rightarrow$ IC9***	DZ $\rightarrow$ D9***	
FPC $\rightarrow$ CN9***			

LIST OF ASSEMBLIES

Mark	Symbol and Description	VSX-1124-K /CUXESM	VSX-1129-K /CUXE	VSX-80 /CUXE	VSA-1124 /JXE
NSP	1..PCB TTL ASSY MAIN	7025HK1307010	7025HK1307020	7025HK1307030	7025HK1307040
	2..MAIN ASSY (PCB SUB ASSY MAIN)	7028074711030	7028074711030	7028074711010	7028074711040
	2..BRIDG ASSY (PCB SUB ASSY BRIDG)	7028074712010	7028074712010	7028074712010	7028074712030
	2..GUI-A ASSY (PCB SUB ASSY GUI-A)	7028074713010	7028074713010	7028074713010	7028074713010
	2..GUI-R ASSY (PCB SUB ASSY GUI-R)	7028074714010	7028074714010	7028074714010	7028074714010
	2..GUI-L1 Assy (PCB SUB ASSY GUI-L1)	7028074715010	7028074715010	7028074715010	7028074715010
	2..BT-CNT ASSY (PCB SUB ASSY BT-CNT)	7028074716010	7028074716010	7028074716010	7028074716010
	2..TEMP ASSY (PCB SUB ASSY TEMP)	7028074717010	7028074717010	7028074717010	7028074717020
NSP	1..PCB TTL ASSY DMAIN	7025HK1307012	7025HK1307022	7025HK1307032	7025HK1307042
	2..DMAIN ASSY (PCB SUB ASSY DMAIN)	7028074771010	7028074771010	7028074771010	7028074771030
NSP	1..PCB TTL ASSY FRONT	7025HK1307011	7025HK1307021	7025HK1307031	7025HK1307041
	2..FRONT ASSY (PCB SUB ASSY FRONT)	7028074721030	7028074721030	7028074721010	7028074721060
	2..HPMIC ASSY (PCB SUB ASSY HPMIC)	7028074722010	7028074722010	7028074722010	7028074722020
	2..INSEL ASSY (PCB SUB ASSY INSEL)	7028074723020	7028074723020	7028074723010	7028074723020
	2..OPTCO ASSY (PCB SUB ASSY OPTCO)	7028074724010	7028074724010	7028074724010	7028074724020
NSP	1..PCB TTL ASSY CPU	7025HK1307013	7025HK1307023	7025HK1307033	7025HK1307043
	2..CPU ASSY (PCB SUB ASSY CPU)	7028074731030	7028074731040	7028074731010	7028074731050
	2..VIDEO ASSY (PCB SUB ASSY VIDEO)	7028074732030	7028074732030	7028074732010	7028074732020
NSP	1..PCB TTL ASSY AUDIO	7025HK1307015	7025HK1307025	7025HK1307035	7025HK1307045
	2..AUDIO ASSY (PCB SUB ASSY AUDIO)	7028074741010	7028074741010	7028074741010	7028074741030
NSP	1..PCB TTL ASSY AMP7	7025HK1307014	7025HK1307024	7025HK1307034	7025HK1307044
	2..AMP7 ASSY (PCB SUB ASSY AMP7)	7028074751010	7028074751010	7028074751010	7028074751040
NSP	1..PCB TTL ASSY SMPS	7025HK1307016	7025HK1307026	7025HK1307036	7025HK1307046
Δ	2..SMPS ASSY (PCB SUB ASSY SMPS)	702807336108A	702807336108A	702807336106A	702807336109A
NSP	1..PCB TTL ASSY FHDMI	7025HK1307017	7025HK1307027	7025HK1307037	7025HK1307047
	2..FHDMI ASSY (PCB SUB ASSY FHDMI)	7028074581040	7028074581040	7028074581040	7028074581080
NSP	1..PCB TTL ASSY BT	7025HK1307018	7025HK1307028	7025HK1307038	7025HK1307048
	2..BT ASSY (PCB SUB ASSY BT)	70280732110L0	70280732110L0	70280732110L0	70280732110L0

CONTRAST OF PCB ASSEMBLIES

A MAIN ASSY

7028074711030, 7028074711010 and 7028074711040 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074711030	7028074711010	7028074711040
⚠	IC5 Liner regulator IC	Not used	J126781200040-IL	Not used
	Tuner, FM/AM	E903004100781S	E903004100781S	Not used

Note: This list is not complete. Only components that are available as service part are listed!

B TEMP ASSY

7028074717010 and 7028074717020 are different and are NOT COMPATIBLE! Some components on these Assy's are different. Since these different components are not available as service part, they are not listed.

C DMAIN ASSY

7028074771010 and 7028074771030 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074771010	7028074771030
⚠	IC9405 Regulator IC	NJM2819ADL3-05	Not used

Note: This list is not complete. Only components that are available as service part are listed!

D OPTCO ASSY

7028074724010 and 7028074724020 are different and are NOT COMPATIBLE! Some components on these Assy's are different. Since these different components are not available as service part, they are not listed.

E BRIDG ASSY

7028074712010 and 7028074712030 are different and are NOT COMPATIBLE! Some components on these Assy's are different. Since these different components are not available as service part, they are not listed.

F VIDEO ASSY

7028074732030, 7028074732020 and 7028074732010 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074732030	7028074732020	7028074732010
	JA1002 TER, RCA 6pin	Not used	Not used	G603610A0032Y-IL

Note: This list is not complete. Only components that are available as service part are listed!

I AUDIO ASSY

7028074741010 and 7028074741030 are different and are NOT COMPATIBLE! Some components on these Assy's are different. Since these different components are not available as service part, they are not listed.

J CPU ASSY

7028074731030, 7028074731040, 7028074731010 and 7028074731050 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074731030	7028074731040	7028074731010	7028074731050
⚠	IC301 IC, linear-regulator	Not used	Not used	J046323200020-IL	Not used
	Q302 Transistor	Not used	Not used	J5000916Y0050-IL	Not used
	JA302 Jack, D3.5	Not used	Not used	G401PJ3080100-IL	Not used
	JA303 CN. wafer Interface	Not used	Not used	L103090090040-IL	Not used

Note: This list is not complete. Only components that are available as service part are listed!

K AMP7 ASSY

7028074751010 and 7028074751040 are different and are NOT COMPATIBLE! Some components on these Assy's are different. Since these different components are not available as service part, they are not listed.

L FHDMI ASSY

7028074581040 and 7028074581080 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074581040	7028074581080
⚠	IC2021 Regulator IC	NJM2819ADL3-515H	Not used

Note: This list is not complete. Only components that are available as service part are listed!

M INSEL ASSY

7028074723020 and 7028074723010 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074723020	7028074723010
	D3029 LED, round	Not used	K500036000160-IL
	S3401 Switch	G180501000010-IL	Not used
	S3402 Switch	Not used	G180501000010-IL

Note: This list is not complete. Only components that are available as service part are listed!

N FRONT ASSY

7028074721030, 7028074721010 and 7028074721060 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028074721030	7028074721010	7028074721060
	D3007, D3009, D3011, D3013 LED, round	K500052009011-IL	K500036000160-IL	K500052009011-IL
⚠	FU3041, FU3042 Fuse	Not used	Not used	G658102121030S
	R67 R, metal Film 100ppm	Not used	Not used	C060047063050-IL
⚠	R3041, R3042 R, metal Film 100ppm	C0603R3065050S	C0603R3065050S	Not used

Note: This list is not complete. Only components that are available as service part are listed!

O HPMIC ASSY

7028074722010 and 7028074722020 are different and are NOT COMPATIBLE! Some components on these Assy's are different. Since these different components are not available as service part, they are not listed.

P SMPS ASSY

702807336108A, 702807336106A and 702807336109A are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	702807336108A	702807336106A	702807336109A
	CN9100 CN.wafer 7.92mm	L108396030010-IL	Not used	Not used

Note: This list is not complete. Only components that are available as service part are listed!

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A MAIN ASSY							
SEMICONDUCTORS							
⚠	IC 1	J126781200040-IL			CN 9007,9010 CN,WAFER	L109012511340S	
⚠	IC 2	J126791200060-IL			CN 9012 CN,WAFER	L109012511140S	
⚠	IC 3	J126780500110-IL			CN 9014 CN,WAFER	L109012510940S	
	Q 14,15,20,21	J522305200050-IL			CN 9019 CN.WAFER 2.0MM	L101911501310S	
	Q 16	J520015301210-IL			CN 9020 CN,WAFER	L109012511540S	
⚠	D 7	K047100600220-IL			CN 9021 CN.WAFER	L109012510740S	
	D 8,17,19	K005041480230-IL			CN 9024 CN.WAFER 2.0MM	L101911501510S	
⚠	D 10-13	K000400700220-IL		⚠	FU 33,34 FUSE,MICRO (T4A 250 V)	G658402250050-IL	
⚠	D 4912	K047604000020-IL		RESISTORS			
⚠	D 9002	K06004R744522-IL			R 5,7,9,11	C060010065050-IL	
MISCELLANEOUS					R 6,8,10,12	C060010066050-IL	
	50 TUNER,FM/AM	E903004100781S			R 13,15,17	C060010065050-IL	
	JA 1,2 TER,BOARD SCREW 8P	G614108V1010M-IL			R 14,16,18	C060010066050-IL	
	JA 3 TER,BOARD SCREW 2P	G611201A0200Y-IL			R 41,42	C060R22065050-IL	
	RY 2-6 RELAY	G680060103010-IL			R 81,82	C060033166050-IL	
	RY 10 RELAY	G680240202030-IL		CAPACITORS			
					C 55,58	D040103089230-IL	

Mark No. Description**Part No.****Mark No. Description****Part No.****J CPU ASSY****SEMICONDUCTORS**

IC 300	8952VS9240030
IC 302	J126077004210-IL
IC 303	NJM2888F05
IC 304	J126077004720S
IC 305	J126288833010S

MISCELLANEOUS

JA 300,301 JACK,D3.5	G401PJ3080100-IL
CN302 CN,WAFER	L109012511540S
CN303 CN,WAFER	L109012512340S

CAPACITORS

C 352,353	D040102081070-IL
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K AMP7 ASSY**SEMICONDUCTORS**

Q 401,407,408,413	J5000992FA050-IL
Q 412,424,436,448	J5023206Y0050-IL
Q 417	J5001024Y0050-IL
Q 419,420,425,431	J5000992FA050-IL
Q 432,437,443,444	J5000992FA050-IL

Q 449,455,456,461	J5000992FA050-IL
Q 460,472,484	J5023206Y0050-IL
Q 467,468,473,479	J5000992FA050-IL
Q 480	J5000992FA050-IL
D 9401,9404,9407,9410	K06005R134522-IL

D 9402,9403,9405,9406	K06004R344522-IL
D 9408,9409,9411,9412	K06004R344522-IL
D 9413,9416,9419	K06005R134522-IL
D 9414,9415,9417,9418	K06004R344522-IL
D 9420,9421	K06004R344522-IL

MISCELLANEOUS

VR 401-407 VR,SEMI CARBON MOLD	C541102315000-IL
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RESISTORS

R 406,450,494,537	F320471001050-IL
R 415,439,458,483	C060010165060-IL
R 424,425,430,431	N113136647820-IL
R 443,487,530,573	C060047065060-IL
R 467,468,474,475	N113136647820-IL

R 493	C060033065060-IL
R 502,526,545,569	C060010165060-IL
R 511,512,517,518	N113136647820-IL
R 551	C060010165060-IL
R 554,555,561,562	N113136647820-IL

R 580,623,666	F320471001050-IL
R 588,612,631,655	C060010165060-IL
R 597,598,603,604	N113136647820-IL
R 616,659,702	C060047065060-IL
R 640,641,646,647	N113136647820-IL

R 674,698	C060010165060-IL
R 683,684,689,690	N113136647820-IL

L FHDMI ASSY**SEMICONDUCTORS**

IC 808	J046206501010S
IC 2021	NJM2819ADL3-515H

MISCELLANEOUS

JA 600 CN,PLUG CONTACT	G480400201010-IL
JA 8082 CN,WAFER	L109100190250S

M INSEL ASSY**MISCELLANEOUS**

S 3401 SWITCH	G180501000010-IL
S 3501 SW,ENCODER	G121121200230-IL

N FRONT ASSY**SEMICONDUCTORS**

IC 3001	PE5615A
IC 3002	NJM2888F05
Q 17	J5000916Y0050-IL
Q 3011	J5001266G0050-IL
D 23,24	K000400700220-IL

D 3007,3009,3011,3013	K500052009011-IL
D 9001	K06006R844522-IL

MISCELLANEOUS

V 3001 DISPLAY,FLT	K530161560010S
S 3001-3015 SWITCH	G180501000010-IL
S 3024 SW,ENCODER	G121122400230-IL
X 3001 RESONATOR,CERAMIC	E830500000020-IL
1 HOLDER	4320211336000S

2 HOLDER	4320211336100S
U 3001 MODULE,REMOCON	E940349003810-IL

RESISTORS

R 66	N113135647920-IL
R 3021,3022	C0602R2065050S
R 3041,3042	C0603R3065050S

O HPMIC ASSY**SEMICONDUCTORS**

IC 3652	J121458001010-IL
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MISCELLANEOUS

JA 701 JACK,D6.5	G402PJ612AG1Y-IL
JA 3655 JACK,D3.5	G40132340000Y-IL

P SMPS ASSY**SEMICONDUCTORS**

IC 100	K614123000010-IL
IC 102	J122201530080-IL
IC 116	J126243118010-IL
Q 102	J5023198Y0000-IL
D 41	K047200600010-IL

D 103	K120300600010-IL
D 105	K050400700010-IL
D 108	K050010010010-IL
D 9114	K06006R244522-IL
D 9115	K06620R04P410-IL

MISCELLANEOUS

L 100 COIL,LINE FILTER	D320201405510-IL
RY 101 RELAY	G680060103030-IL

Mark	No.	Description	Part No.
⚠	T 101	TRANS,SWITCHING	E060252505510-IL
⚠	CN 9100	CN.WAFER 7.92MM	L108396030010-IL
⚠	CN 9102	CN.WAFER 7.92MM	L108011430210-IL
	100,102	BRACKET	4010215796000-IL
	101	BRACKET	4010210196000-IL
⚠	FU 100	FUSE GLASS TUBE 20MM (3.15 A)	N751503151160-IL
⚠	FU 101	FUSE GLASS TUBE 20MM (T8AL/250 V)	N751508001160-IL

RESISTORS

⚠	R 100	C060068564520-IL
	R 106	C060012466050S
	R 116	C060R68065050-IL
	R 120	C0604R7065050-IL

CAPACITORS

⚠	C 100	D02110407H010-IL
	C 102	D04010108K000-IL
	C 103	D00810207Q010-IL
⚠	C 104,105	D00847127H010-IL
	C 106,107	D041562081001-IL
	C 112	D041330088050S
⚠	C 115,132	D00815248H010-IL
⚠	C 117,131,133	D008103589010-IL
	C 129	D041221082230-IL