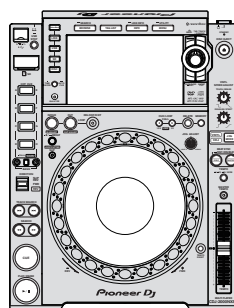


Service Manual



CDJ-2000NXS2

ORDER NO.
RRV4646

MULTI PLAYER

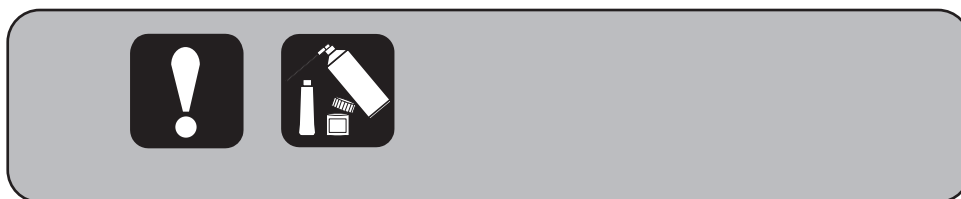
CDJ-2000NXS2

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

Model	Type	Power Requirement	Remarks
CDJ-2000NXS2	SYXJ	AC 110 V to 240 V	
CDJ-2000NXS2	UXJCB	AC 110 V to 240 V	
CDJ-2000NXS2	FLXJ	AC 110 V to 240 V	
CDJ-2000NXS2	AXJ	AC 220 V	
CDJ-2000NXS2	JXJ	AC 100 V	

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

Model No.	Order No.	Remarks
CDJ-2000NXS2	RRV4645	BLOCK DIAGRAM, EXPLODED VIEWS AND PARTS LIST etc.



1 2 3 4

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

IMPORTANT

THIS PIONEER APPARATUS CONTAINS LASER OF CLASS 1. SERVICING OPERATION OF THE APPARATUS SHOULD BE DONE BY A SPECIALLY INSTRUCTED PERSON.

Laser Pickup specifications and Laser characteristics

For DVD	Wave length (typ) : 655 nm
	Operation output : 3 mW CW, Class 1
	Maximum output : Class 1 (Under fault condition)
For CD	Wave length (typ) : 790 nm
	Operation output : 4.5 mW CW, Class 1
	Maximum output : Class 1 (Under fault condition)

LABEL CHECK

(Printed on the plate)

CLASS 1 LASER PRODUCT
 APPAREIL À LASER DE CLASSE 1
 クラス 1 レーザ製品
 클래스 1 레이저 제품
 1类激光产品

Bottom view

Additional Laser Caution

- 1. Laser Interlock Mechanism**
 The position of the switch (S9002) for detecting loading completion is detected by the system microprocessor, and the design prevents laser diode oscillation when the switch is not in LPS1 terminal side (when the mechanism is not clamped and LPS1 signal is high level.)
 Thus, the interlock will no longer function if the switch is deliberately set to LPS1 terminal side.
 (if LPS1 signal is low level).
 In the test mode * the interlock mechanism will not function.
 Laser diode oscillation will continue, if pin 5 (pin 3) of AN22022A (IC7002) on the SRVB Assy is connected to GND, or else the terminals of Q7002 (Q7001) are shorted to each other (fault condition).
- 2. When the cover is opened, close viewing of the objective lens with the naked eye will cause exposure to a Class 1 laser beam.**

2

CDJ-2000XS2

1 2 3 4

5 6 7 8

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 - 10.3 SPCN, INSW and SLMB ASSYS..... 6
 - 10.4 MAIN ASSY (1/11)..... 7
 - 10.5 MAIN ASSY (2/11)..... 8
 - 10.6 MAIN ASSY (3/11)..... 9
 - 10.7 MAIN ASSY (4/11)..... 10
 - 10.8 MAIN ASSY (5/11)..... 11
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CDJ-2000NXS2

5 6 7 8

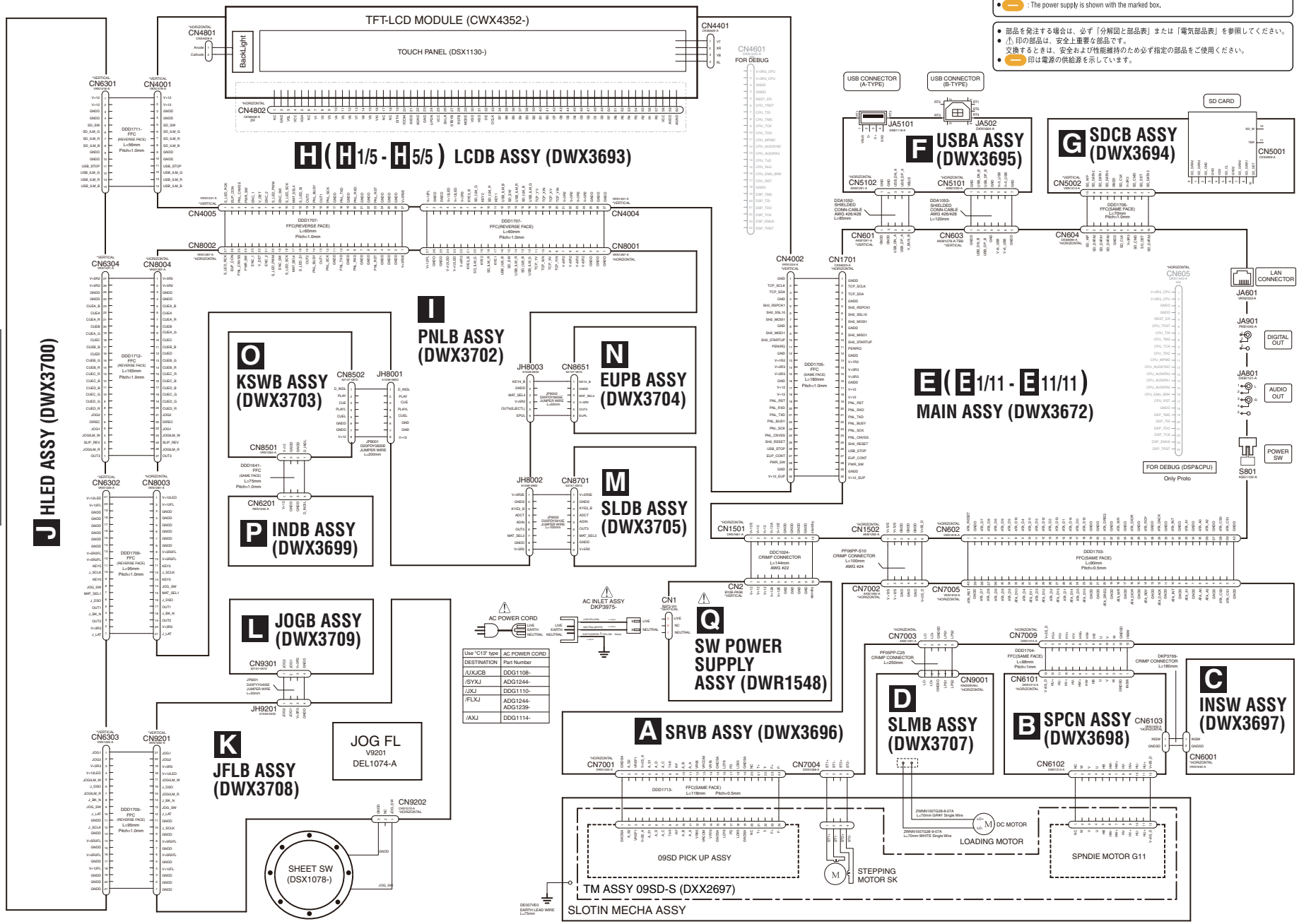
3

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 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.
- 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」または「電気部品表」を参照してください。
- 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。
- 印は電源の供給源を示しています。

10. SCHEMATIC DIAGRAM



Use "C13" type AC POWER CORD

DESTINATION	Part Number
/UXJCB	DDG1108-
/SYXJ	ADG1244-
/XJ	DDG1110-
/FLXJ	ADG1244-
/XJ	ADG1239-
/XJ	DDG1114-

CDJ-2000NXS2

SRVB ASSY (DWX3696)

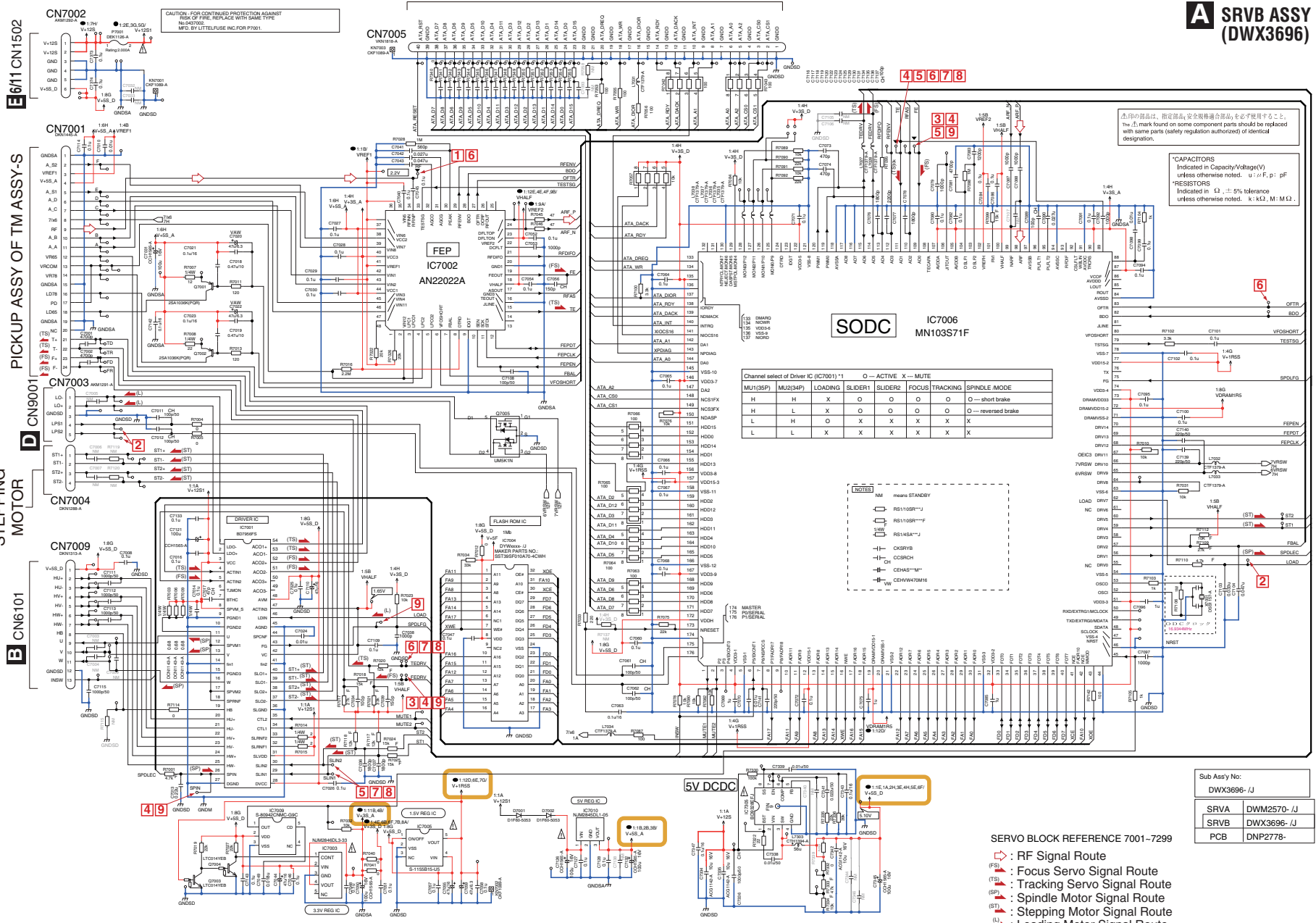
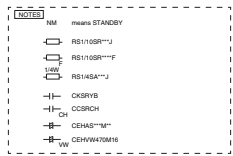
本図の部品は、指定品質・安全規格適合部品を必ず採用すること。
The mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

*CAPACITORS Indicated in Capacity/Voltage(V) unless otherwise noted. u: uF, p: pF
*RESISTORS Indicated in Ω, ± 5% tolerance unless otherwise noted. k: kΩ, M: MΩ.

Channel select of Driver IC (IC7001)*

MU1(3SP)	MU2(24P)	LOADING	SLIDER1	SLIDER2	FOCUS TRACKING	SPINDLE MODE
H	H	X	O	O	O	O
H	L	X	O	O	O	O
L	H	O	X	X	X	X
L	L	X	X	X	X	X

O → ACTIVE X → MUTE
O → short brake
O → reversed brake



Sub Assy No:

SRVA	DWM2570-J
SRVB	DWX3696-J
PCB	DNP2778-

SERVO BLOCK REFERENCE 7001-7299

- RF Signal Route
- Focus Servo Signal Route
- Tracking Servo Signal Route
- Spindle Motor Signal Route
- Stepping Motor Signal Route
- Loading Motor Signal Route

STEPPING MOTOR
CDJ-2000NXS2
PICKUP ASSY OF TM ASSY-S
CN6111 CN1502
CN7001
CN7003
CN7004
CN7009
CN6101

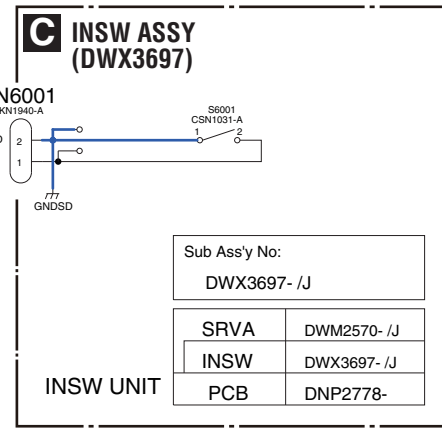
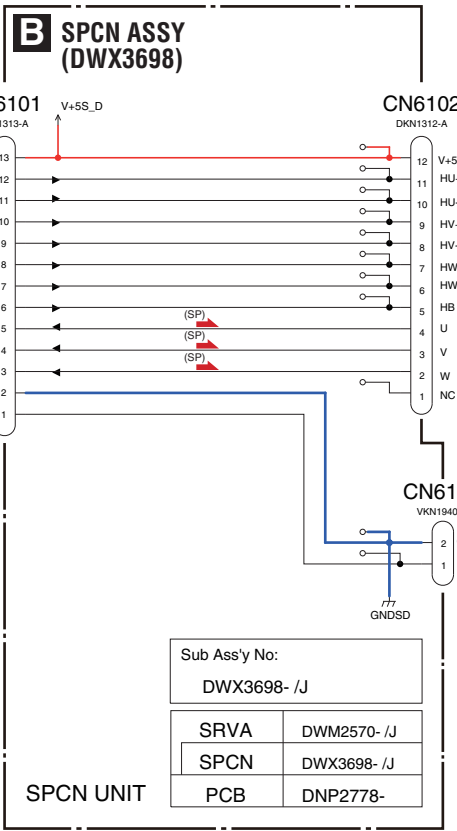
5/11 CN602

5/11 CN602

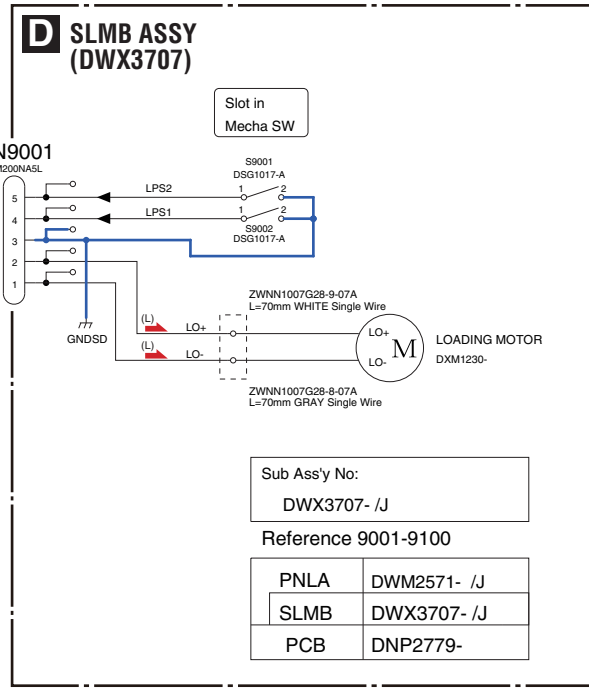
5
6
7
8
A

5
6
7
8
A

10.3 SPCN, INSW and SLMB ASSYS

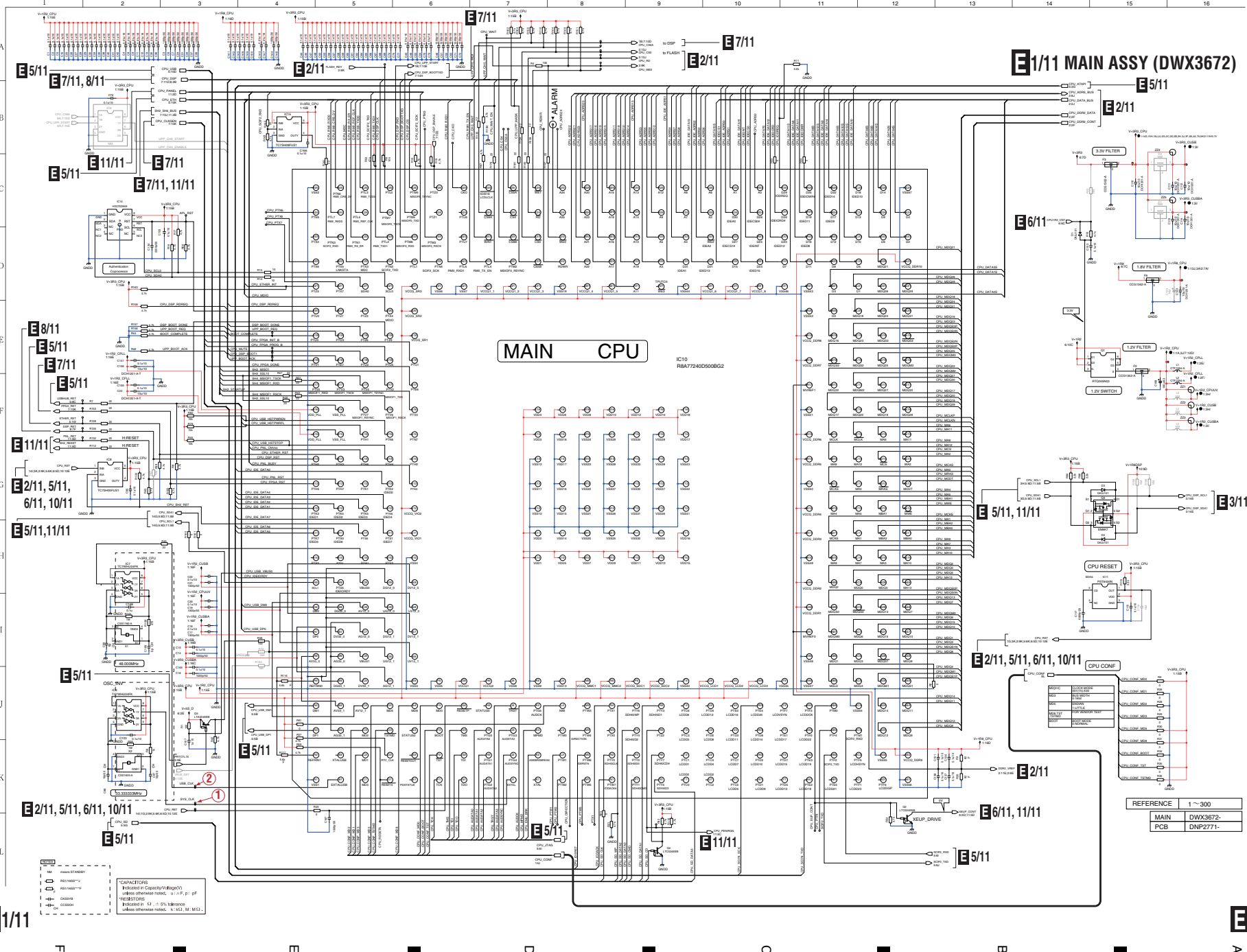


(SP) : Spindle Motor Signal Route
(L) : Loading Motor Signal Route



B C D

B C D



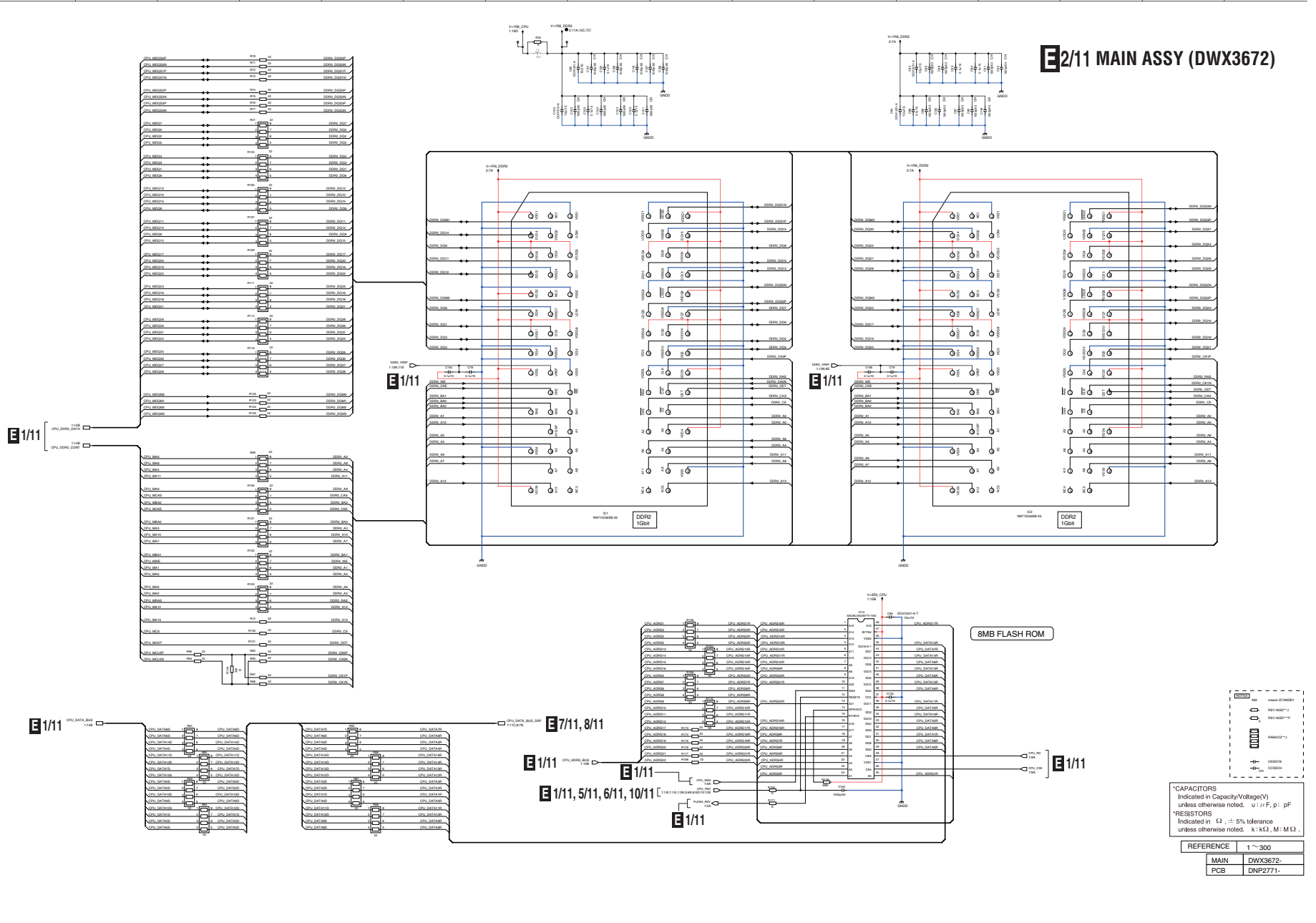
CDJ-2000NXS2

REFERENCE	1 ~ 300
MAIN	DWX3672-
PCB	DNP2711-

CAPACITORS
 Indicated in Capacity/Voltage(V)
 Values in parentheses, () in P, p, pf
 RESISTORS
 Indicated in Ω, k, M, G, MEG, etc.
 Values in parentheses, () in Ω, k, M, MEG, etc.

E 1/11 E 2/11 E 3/11 E 5/11 E 6/11, 11/11 E 7/11 E 8/11 E 11/11

E2/11 MAIN ASSY (DWX3672)



CDJ-2000NXS2

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. μ : μ F, p: pF

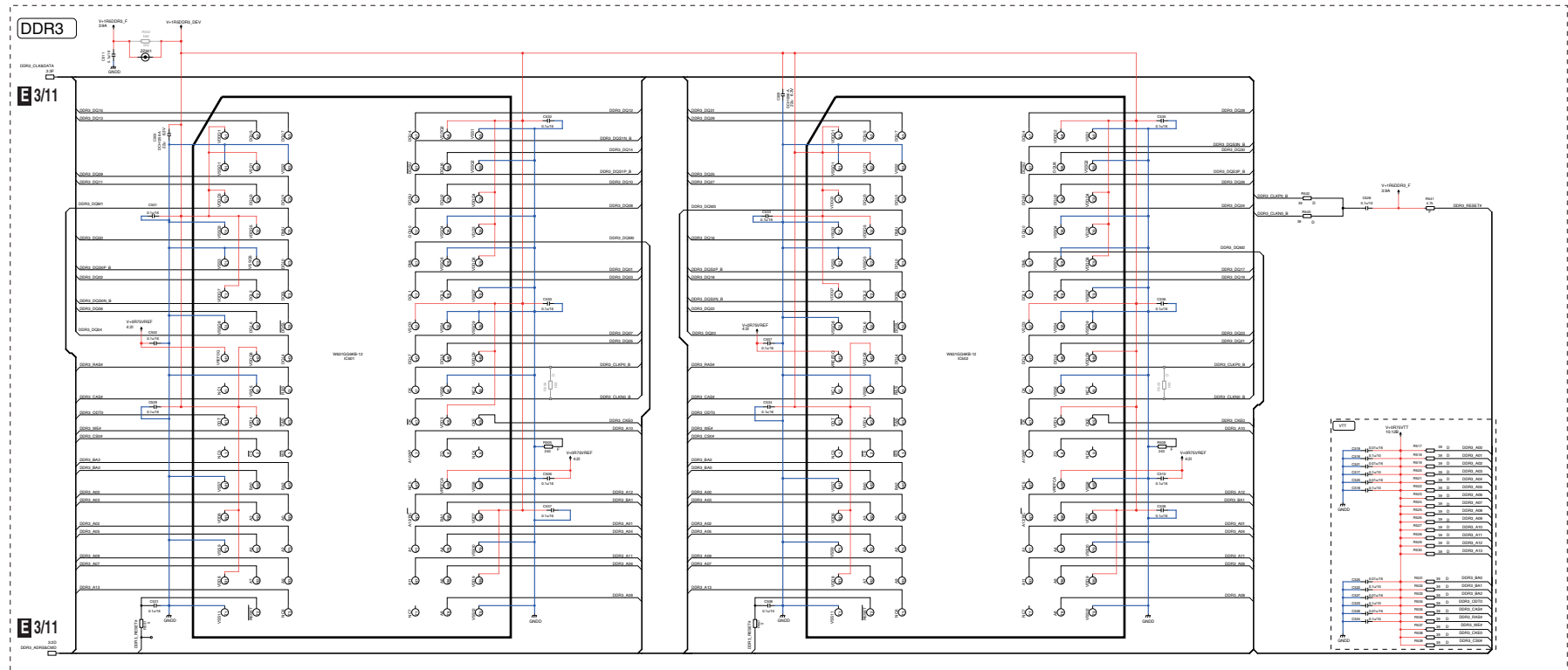
*RESISTORS
Indicated in Ω , \pm : 5% tolerance
unless otherwise noted. k: K Ω , M: M Ω .

REFERENCE	1 ~ 300
MAIN PCB	DWX3672- DNP2771-

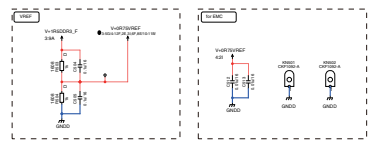
E2/11

E2/11

E4/11 MAIN ASSY (DWX3672)



REF	QTY	DESCRIPTION	VALUE	LOC
DDR3_001	1	DDR3_001		
DDR3_002	1	DDR3_002		
DDR3_003	1	DDR3_003		
DDR3_004	1	DDR3_004		
DDR3_005	1	DDR3_005		
DDR3_006	1	DDR3_006		
DDR3_007	1	DDR3_007		
DDR3_008	1	DDR3_008		
DDR3_009	1	DDR3_009		
DDR3_010	1	DDR3_010		
DDR3_011	1	DDR3_011		
DDR3_012	1	DDR3_012		
DDR3_013	1	DDR3_013		
DDR3_014	1	DDR3_014		
DDR3_015	1	DDR3_015		
DDR3_016	1	DDR3_016		
DDR3_017	1	DDR3_017		
DDR3_018	1	DDR3_018		
DDR3_019	1	DDR3_019		
DDR3_020	1	DDR3_020		
DDR3_021	1	DDR3_021		
DDR3_022	1	DDR3_022		
DDR3_023	1	DDR3_023		
DDR3_024	1	DDR3_024		
DDR3_025	1	DDR3_025		
DDR3_026	1	DDR3_026		
DDR3_027	1	DDR3_027		
DDR3_028	1	DDR3_028		
DDR3_029	1	DDR3_029		
DDR3_030	1	DDR3_030		
DDR3_031	1	DDR3_031		
DDR3_032	1	DDR3_032		
DDR3_033	1	DDR3_033		
DDR3_034	1	DDR3_034		
DDR3_035	1	DDR3_035		
DDR3_036	1	DDR3_036		
DDR3_037	1	DDR3_037		
DDR3_038	1	DDR3_038		
DDR3_039	1	DDR3_039		
DDR3_040	1	DDR3_040		
DDR3_041	1	DDR3_041		
DDR3_042	1	DDR3_042		
DDR3_043	1	DDR3_043		
DDR3_044	1	DDR3_044		
DDR3_045	1	DDR3_045		
DDR3_046	1	DDR3_046		
DDR3_047	1	DDR3_047		
DDR3_048	1	DDR3_048		
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DDR3_099	1	DDR3_099		
DDR3_100	1	DDR3_100		

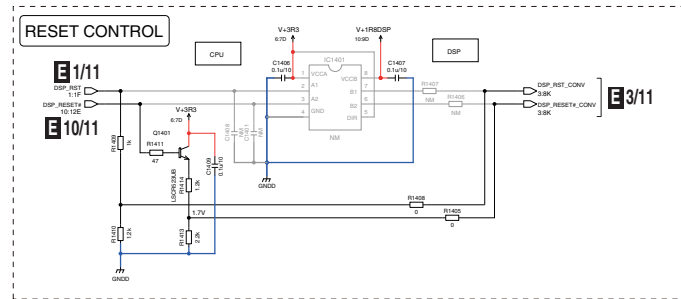
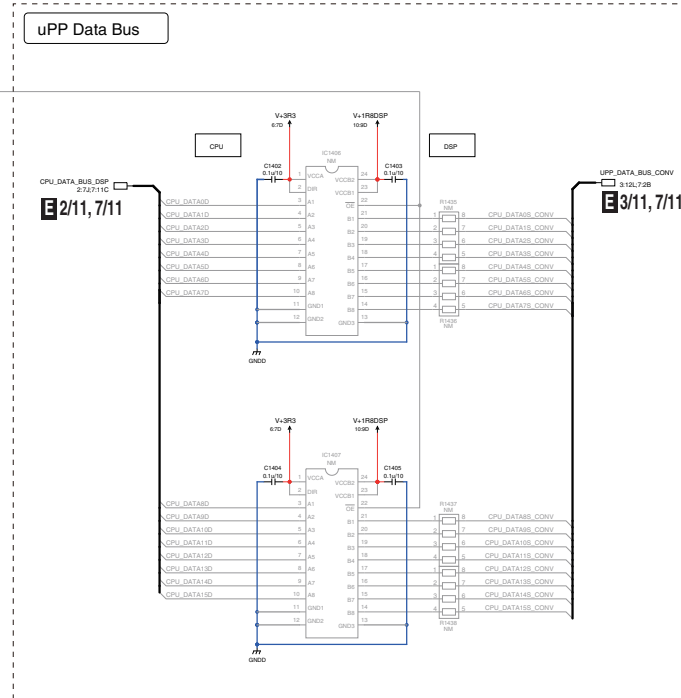
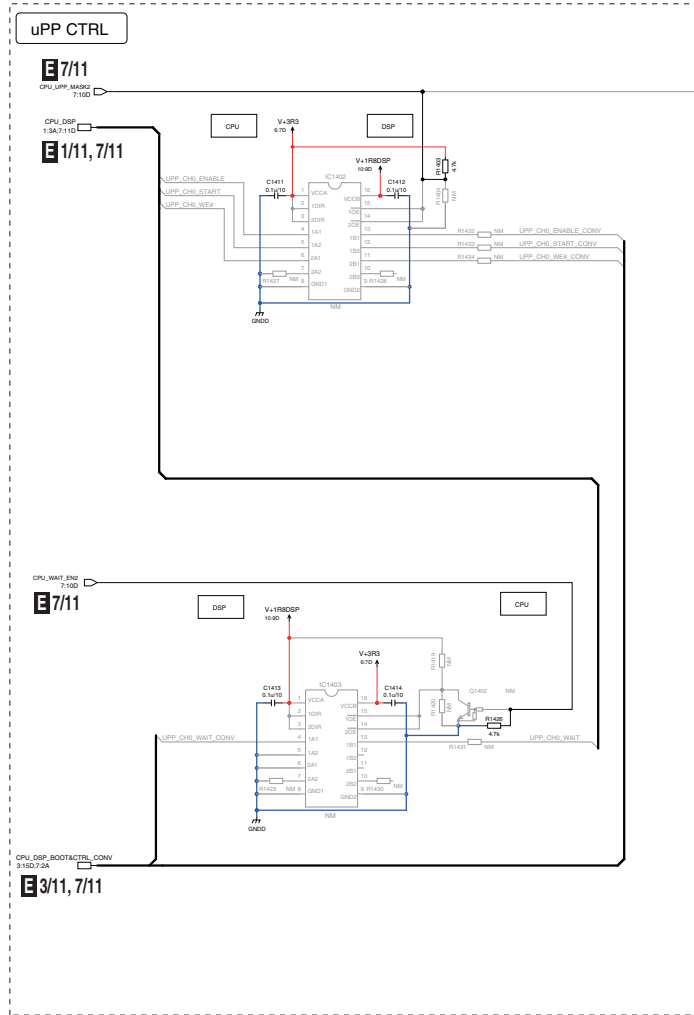


*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u: uF, p: pF
*RESISTORS
Indicated in Ω, ± 5% tolerance
unless otherwise noted. k: kΩ, M: MΩ.

REFERENCE	501 ~ 600
MAIN	DWX3672-
PCB	DNF2771-

CDJ-2000NXS2

8/11 MAIN ASSY (DWX3672)



NOTES

NM	means STANDBY
RS116SS**J	
CS516	
CC5824	
CH	

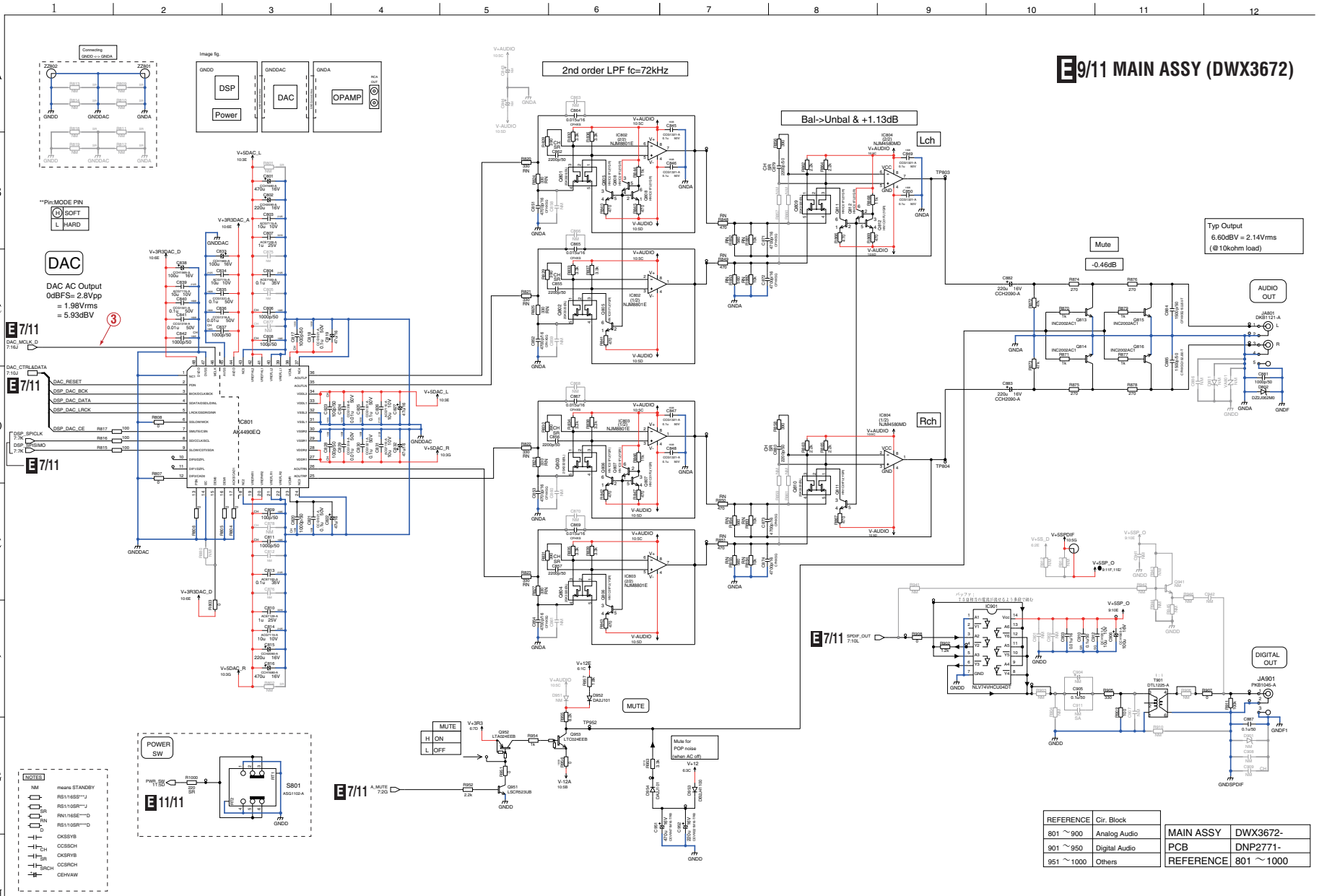
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : // F, p : pF

*RESISTORS
Indicated in Ω, ±: 5% tolerance
unless otherwise noted. k : kΩ, M : MΩ.

REFERENCE	1401 ~ 1500
MAIN	DWX3672- I/J
PCB	DNP2771-

CDJ-2000NXS2

E9/11 MAIN ASSY (DWX3672)



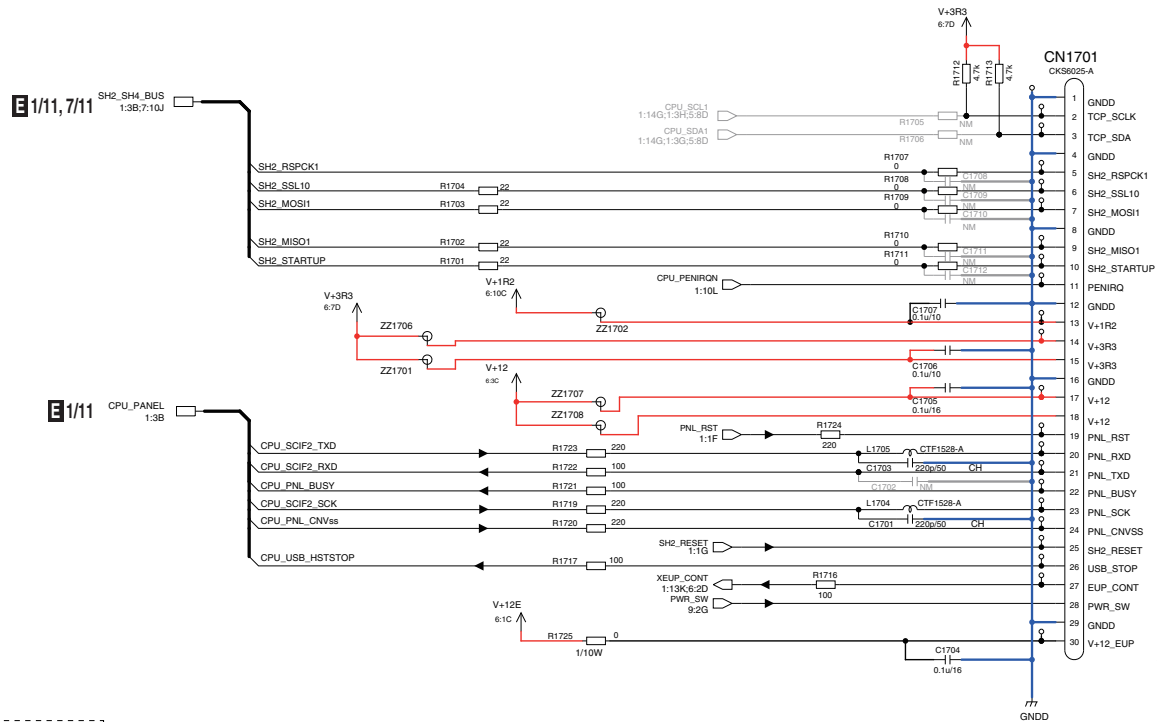
REFERENCE	Cir. Block	MAIN ASSY	DWX3672-
801 ~ 900	Analog Audio	PCB	DNP2771-
901 ~ 950	Digital Audio	PCB	DNP2771-
951 ~ 1000	Others	REFERENCE	801 ~ 1000

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u: μ F, p: pF

*RESISTORS
Indicated in Ω , \pm 5% tolerance
unless otherwise noted. k: k Ω , M: M Ω .

CDJ-2000NXS2

E11/11 MAIN ASSY (DWX3672)



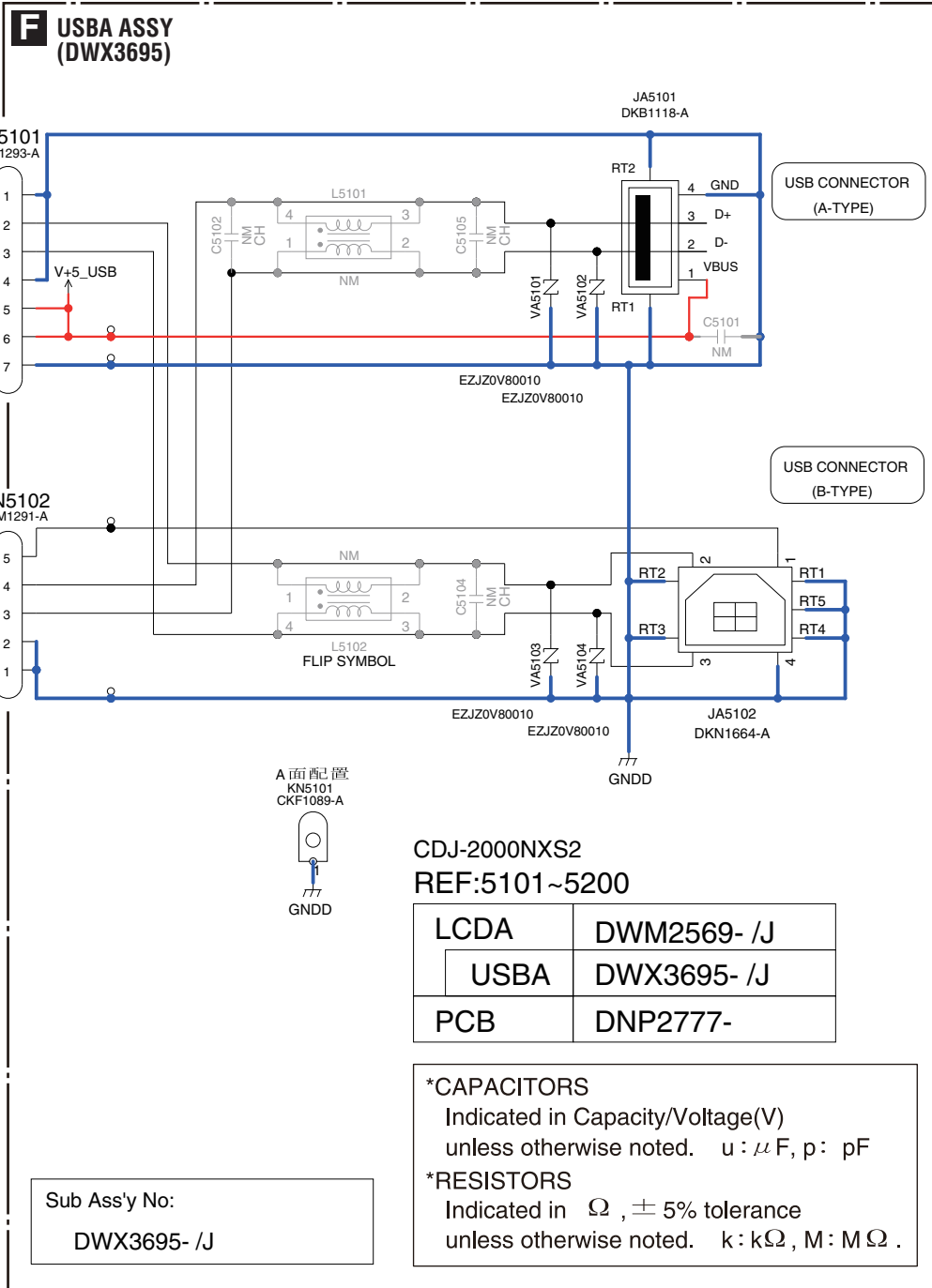
H1/15 CN4002

NOTES

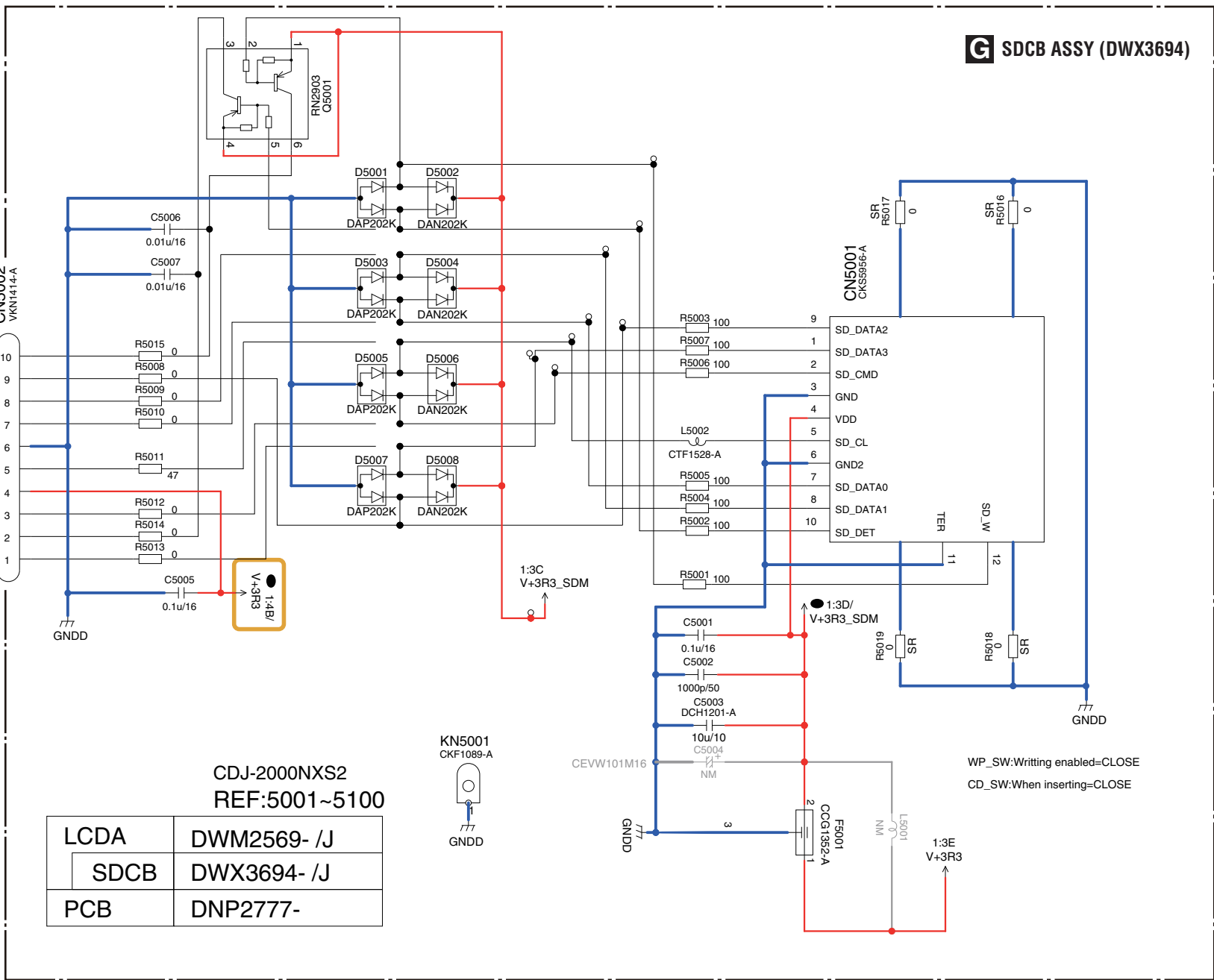
NM	means STANDBY
	RS1/16SS***J
	RS1/10SR***J
	RS1/4SA***J
	RST1/2SP***J
	RS1/16SS***F
	RS1/16SS***D
	RS1/10SR***F
	RS1/10SR***F
	CKSSYB or CKSRBY
	CCSSCH or CCSSCH
	CKSQYB

MAIN ASSY	DWX3672-
PCB	DNP2771-
REFERENCE	1701 ~ 1800

10.15 USBA ASSY

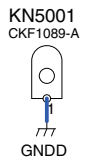


G SDCB ASSY (DWX3694)



CDJ-2000NXS2
REF:5001~5100

LCDA	DWM2569- /J
SDCB	DWX3694- /J
PCB	DNP2777-

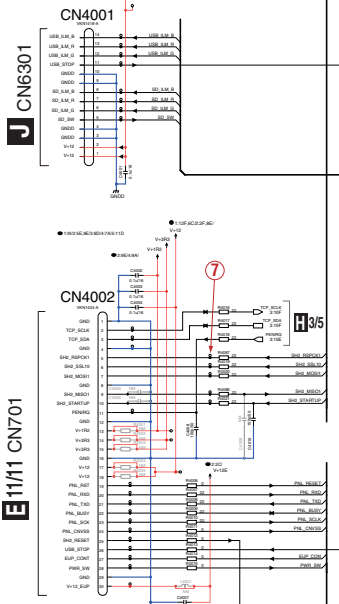
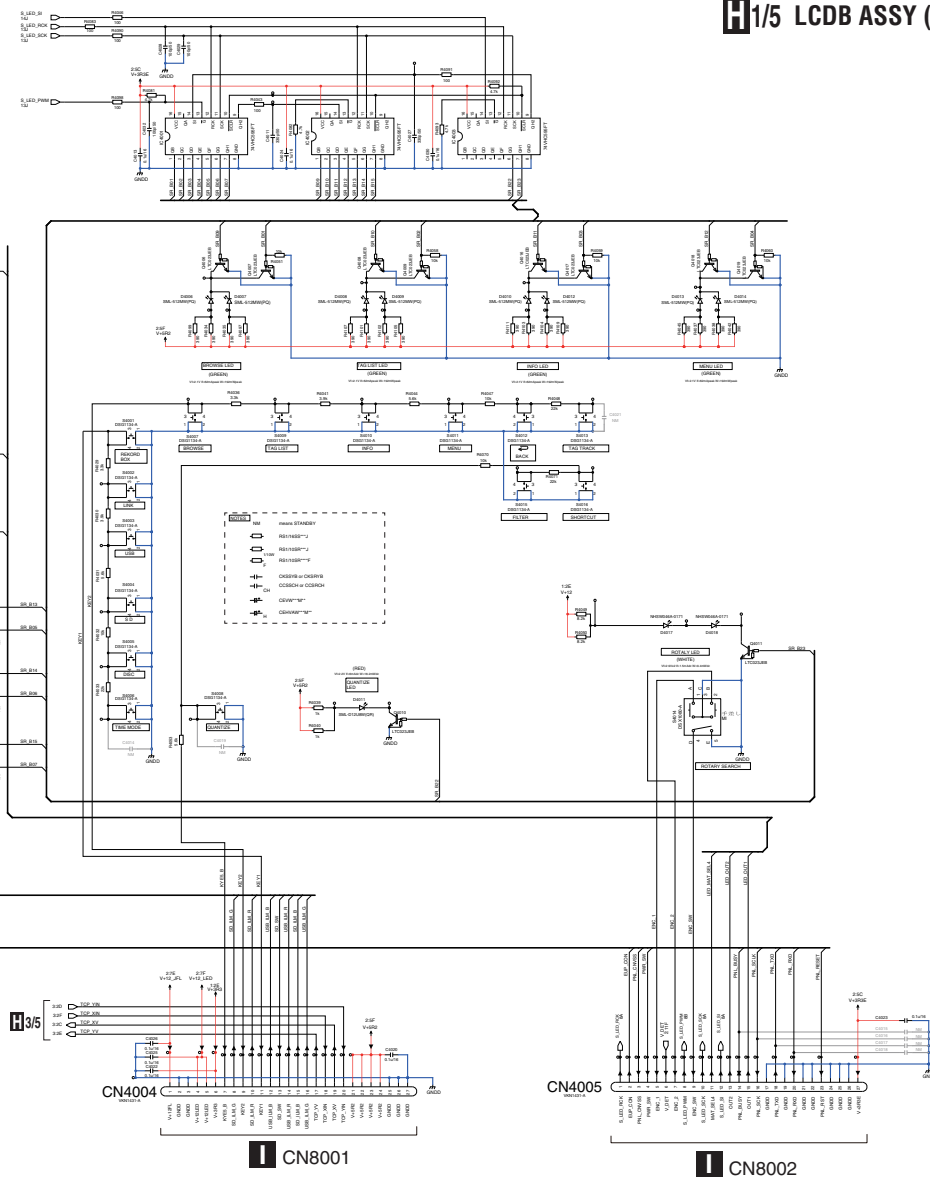


WP_SW:Writing enabled=CLOSE
CD_SW:When inserting=CLOSE

CDJ-2000NXS2

E511 CN604

H1/5 LCDB ASSY (DWX3693)



CDJ-2000NXS2
LCDB UNIT
BOARD/F BLOCK

LCDA	DWM2569-J
LCDB	DWX3693-J
PCB	DNP2777-
REF	4001-4200

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted, u: μF, p: pF
*RESISTORS
Indicated in Ω, ±: 5% tolerance
unless otherwise noted, k: kΩ, M: MΩ.

CDJ-2000NXS2

H1/5

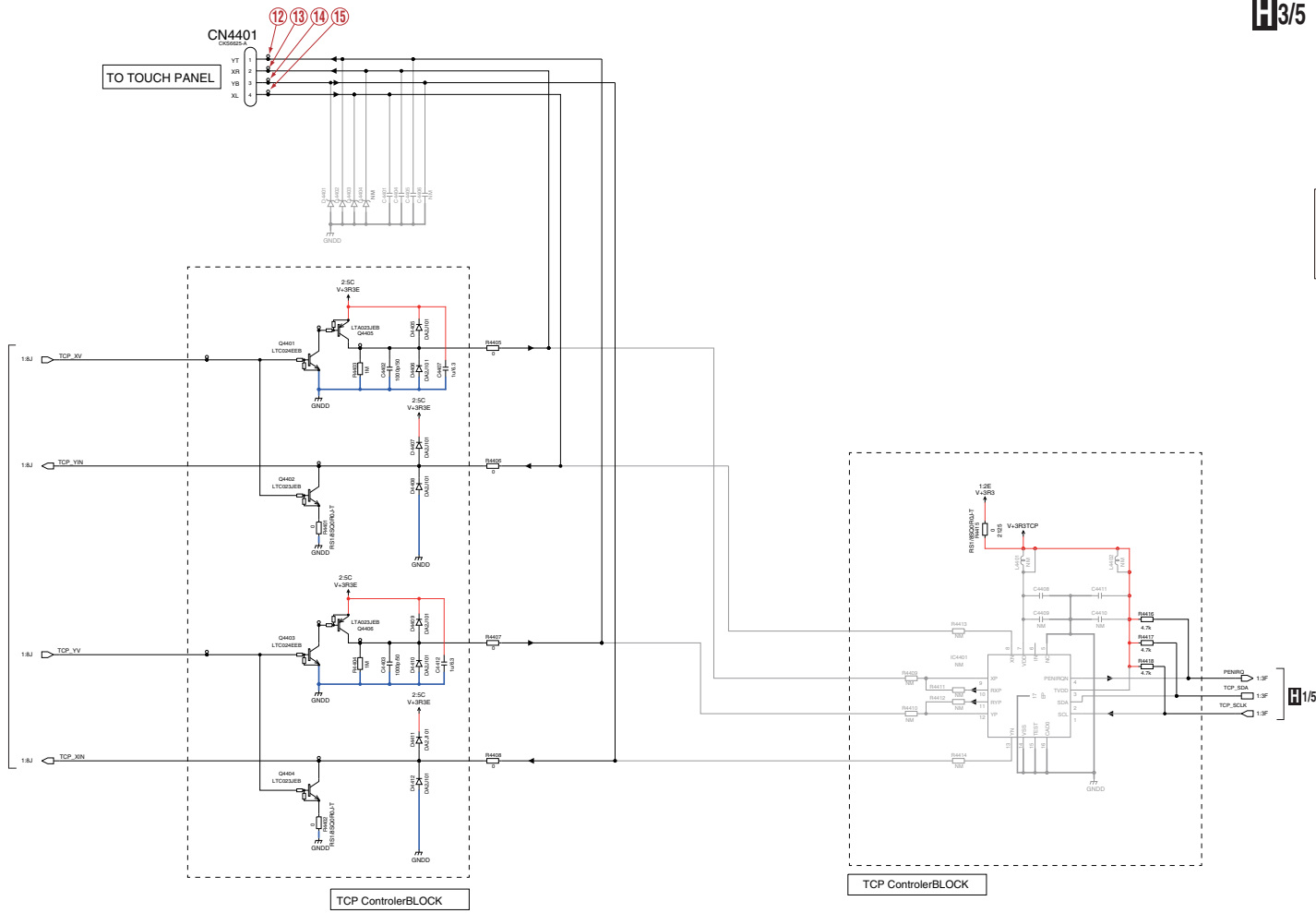
H1/5

H3/5 LCDB ASSY (DWX3693)

CDJ-2000NXS2
LCDB UNIT
TCPIF BLOCK

LCDA	DWM2569- /J
LCDB	DWX3693- /J
PCB	DNP2777-
REF	4401-4600

*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μ F, p: pF
*RESISTORS
Indicated in Ω , \pm 5% tolerance
unless otherwise noted, k: k Ω , M: M Ω .

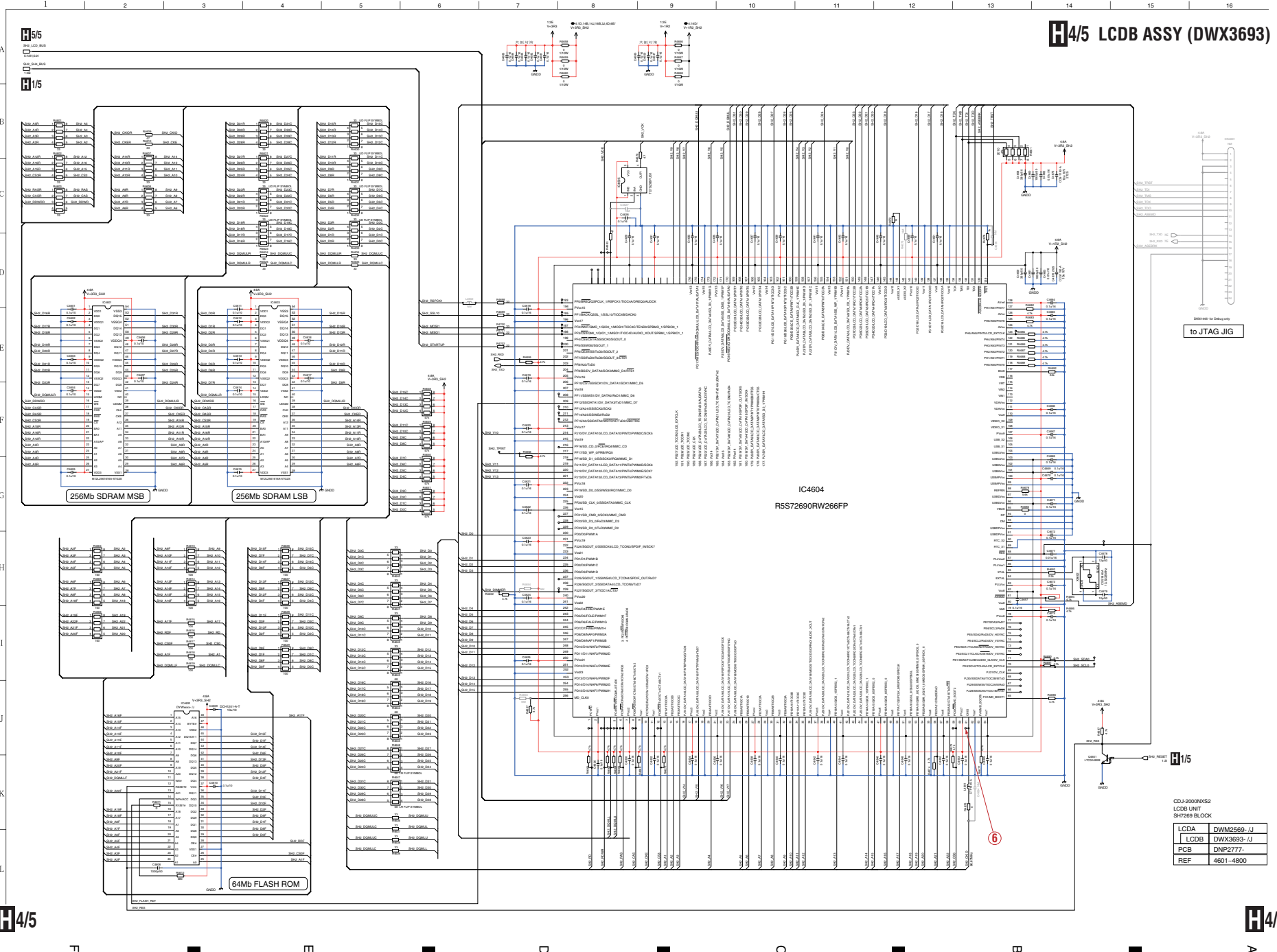


CDJ-2000NXS2

H3/5

H3/5

H4/5 LCDB ASSY (DWX3693)



to JTAG JIG

IC4604
R572690RW266FP

CDJ2000NXS2
LCDB UNIT
SHT269 BLOCK

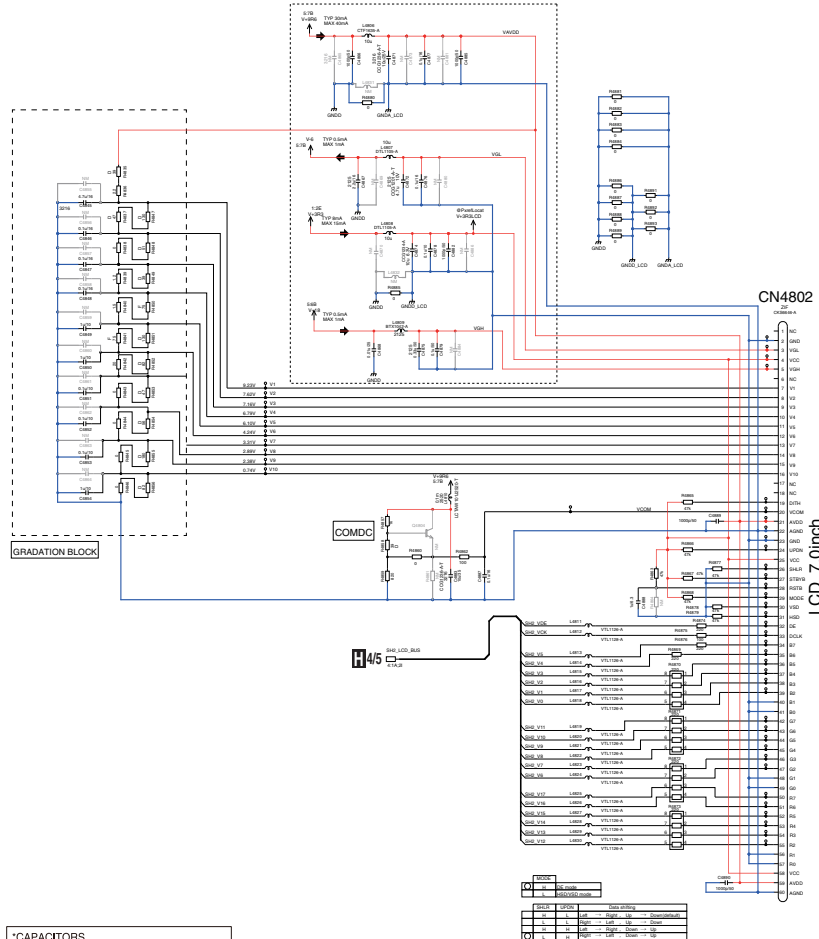
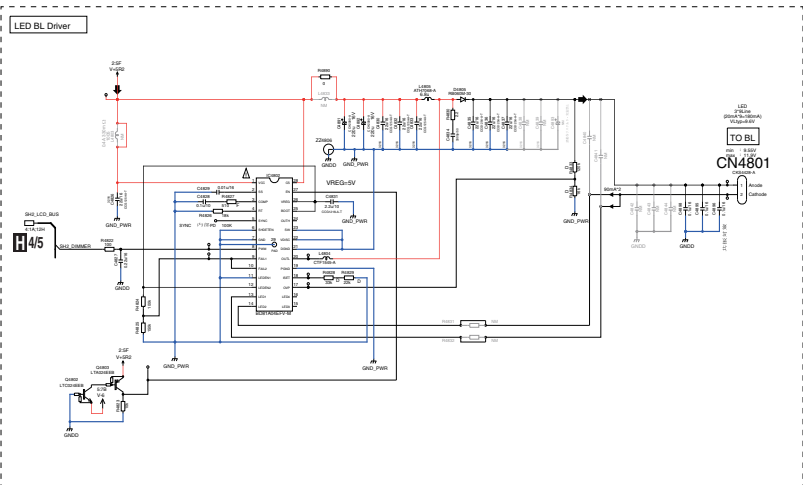
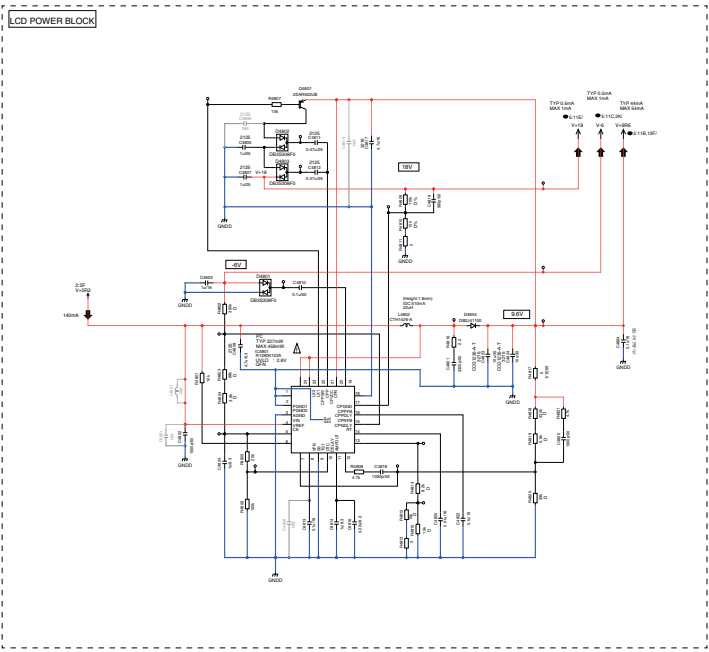
LCD A	DWM2569-J
LCDB	DWX3693-J
PCB	DNF2777-
REF	4801-4800

CDJ-2000NXS2

H4/5

H4/5

H5/5 LCDB ASSY (DWX3693)



*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted, μ : μ F, p: pF
*RESISTORS
Indicated in Ω , \pm : \pm 5% tolerance
unless otherwise noted, k: k Ω , M: M Ω .

△印の部品は、指定部品、安全規格適合部品、を必ず使用すること。
the △ mark found on some component parts should be replaced
with same parts (safety regulation authorized) of identical
designation.

CDJ-2000NXS2
LCDB UNIT
LCDB BLOCK

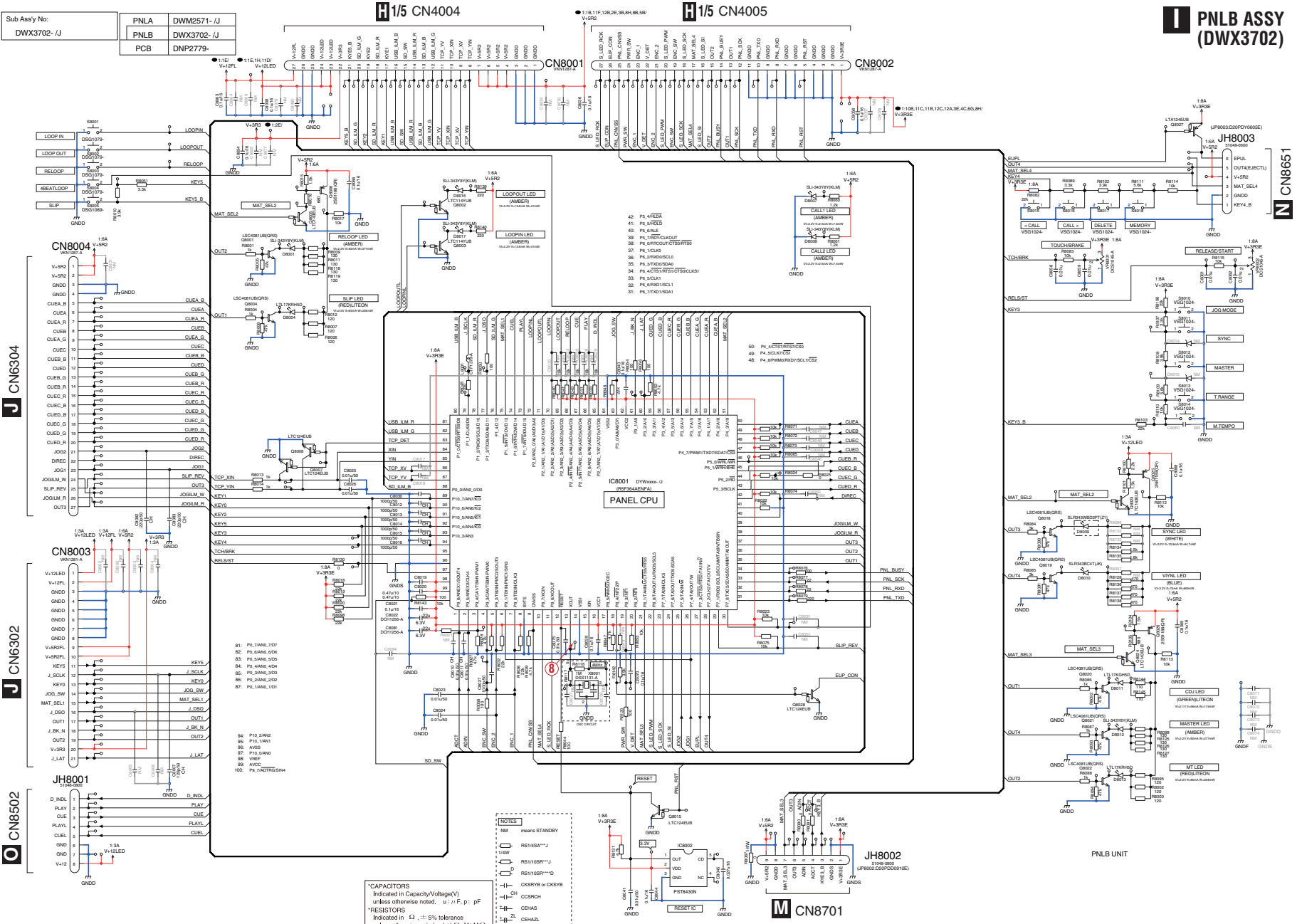
LCD A	DWM2569-J
LCD B	DWX3693-J
PCB	DNP2777-
REF	4801-5000

LCD: 7.0inch
CWX4352-

PNLB ASSY (DWX3702)

Sub Assy No:
DWX3702-J

PNLA	DWM2571-J
PNLB	DWX3702-J
PCB	DNP2779-



*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. μ = μ F, p = pF

*RESISTORS
Indicated in Ω , \pm 5% tolerance
unless otherwise noted. k: k Ω , M: M Ω .

NOTES
NM means STANDBY
RS1/RSK=J
RS1/RSR=J
RS1/RSR=C
CKSRV or CKSVB
CH CSCRCH
CEHAS
CEHSL

J CN6304

J CN6302

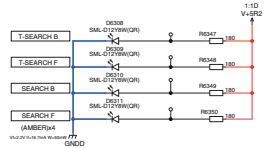
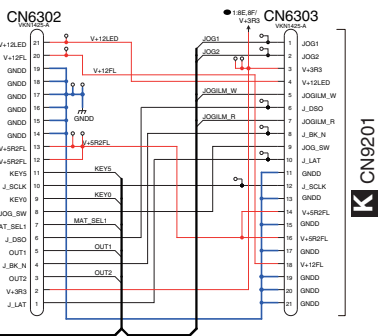
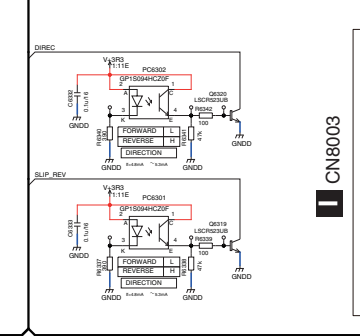
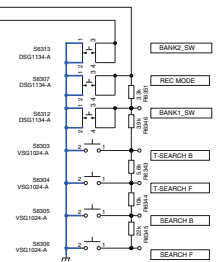
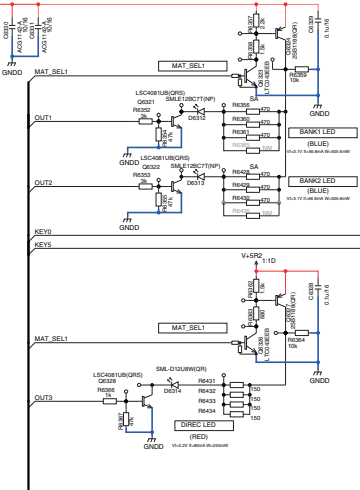
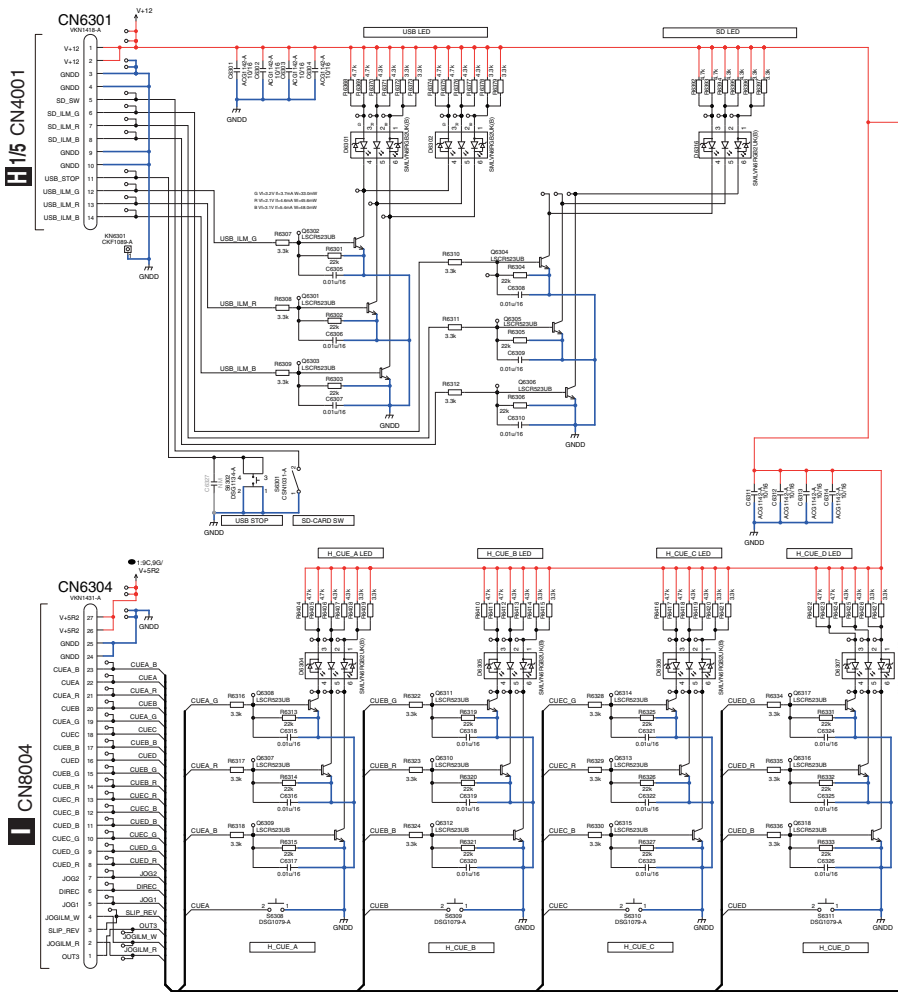
O CN8502

M CN8701

N 1598CN

JH8003 (L9900) (DOP/PCG/05)

JH8002 (L9900) (DOP/PCG/05)



MULTI PLAYER : CDJ-TOP-NEXT HOT CUE LED UNIT

*CAPACITORS
Indicated in Capacity(Voltage)V)
unless otherwise noted, U : uF, P : pF

*RESISTORS
Indicated in Ω ± 5% tolerance
unless otherwise noted, K : kΩ, M : MΩ

NOTES
NM means STANDBY
R61105R**J

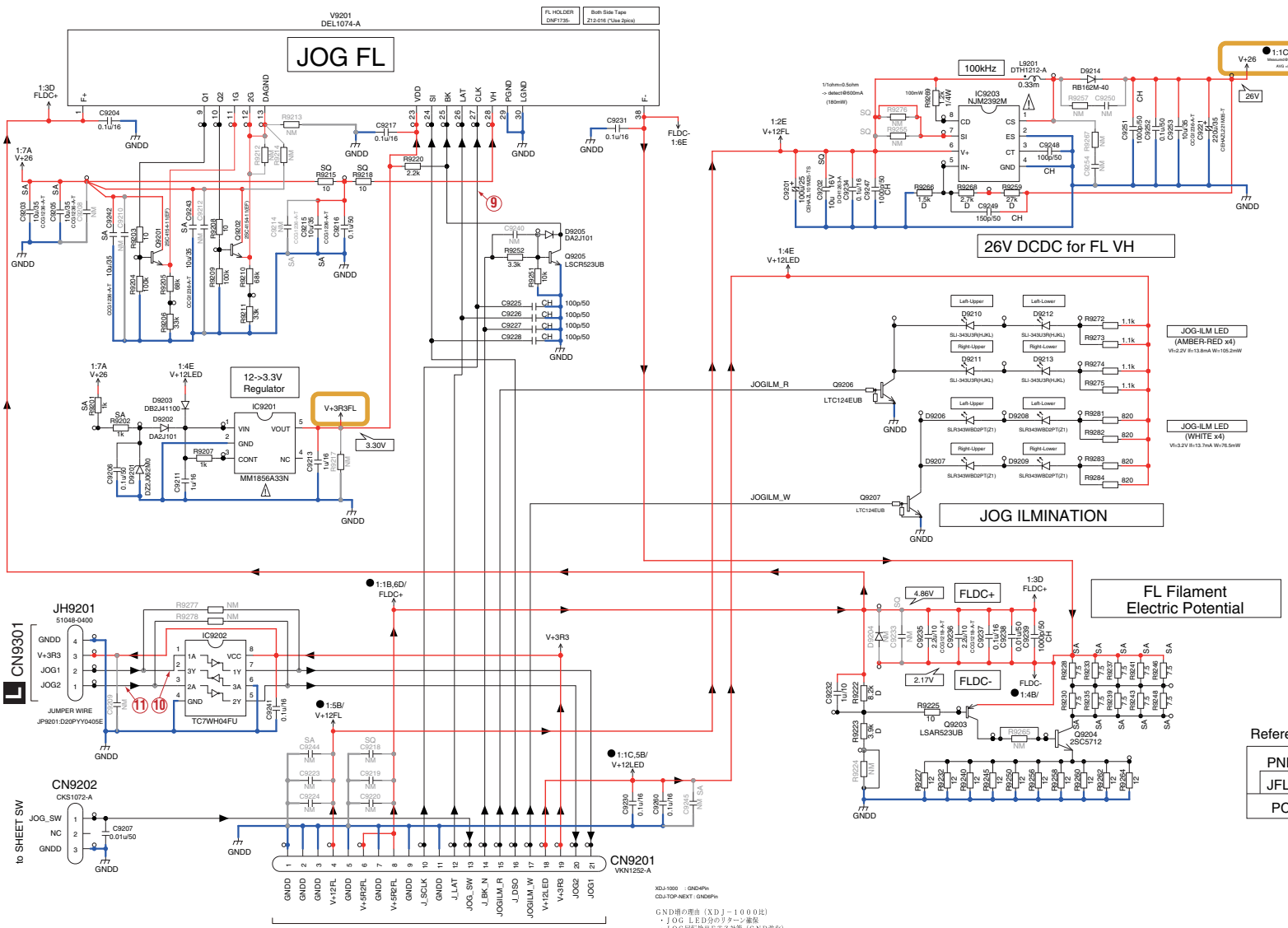
Sub Assy No:	DWX3700-
SRVA	DWM2676- /J
SDSW	DWX3700- /J
PCB	DNP2778-

Sub Assy No: DWX3708- /J

*CAPACITORS Indicated in Capacity/Voltage(V) unless otherwise noted. u: 1/100F, p: 1pF

*RESISTORS Indicated in Ω, ±: 5% tolerance unless otherwise noted. k: kΩ, M: MΩ, .

△印の部品は、指定部品、安全規格適合部品を必ず採用すること。 The △ mark found on some component parts should be replaced with same parts (safety regulation authorized of identical designation).

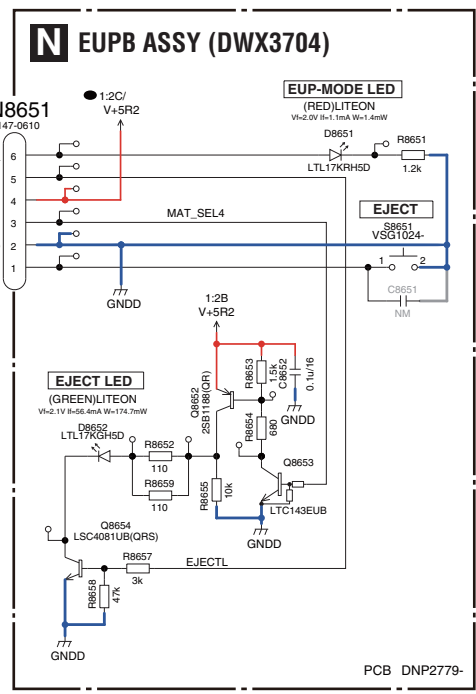
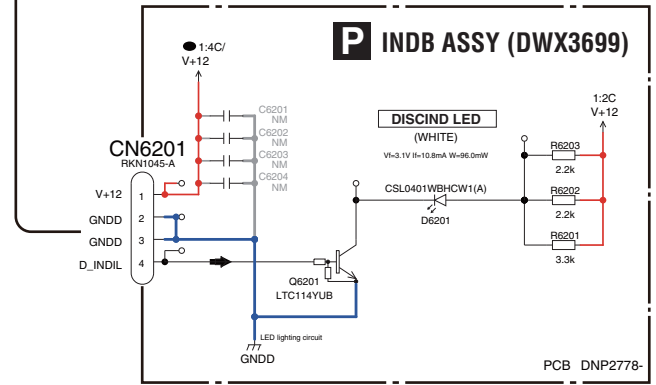
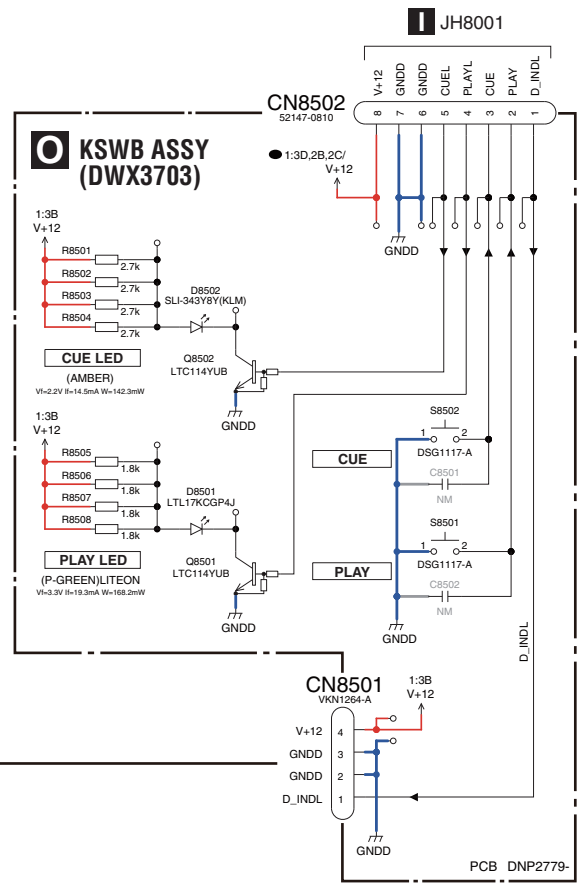


- NOTES: NM means STANDBY, RS1/10SR***J, RS1/10SR****D, RS1/8SQ***J, RS1/4SA***J, JP CHIP JUMPER, CKSRYB, CC SRCH, CH C of 3.2mm*1.25mm size, SA C of 3.2mm*1.5mm size

Reference 9201-9300 table with columns for PNLA, JFLB, PCB and rows for DWX2571- /J, DWX3708- /J, DNP2779-

GND増の理由 (X.D.J-1000比)
・JOG LED内のリターン線が
・JOG回路抵抗値が1.2倍(安全規格)

CDJ-2000NXS2

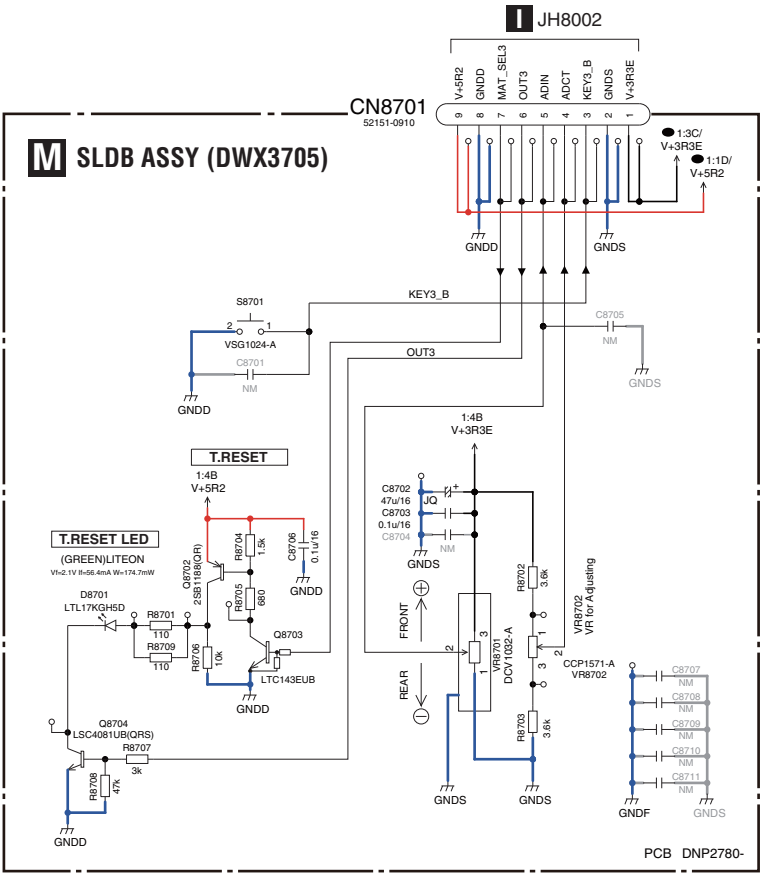
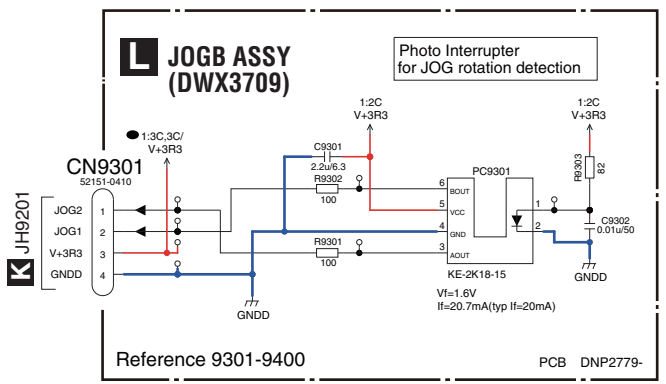


*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : μ F, p : pF

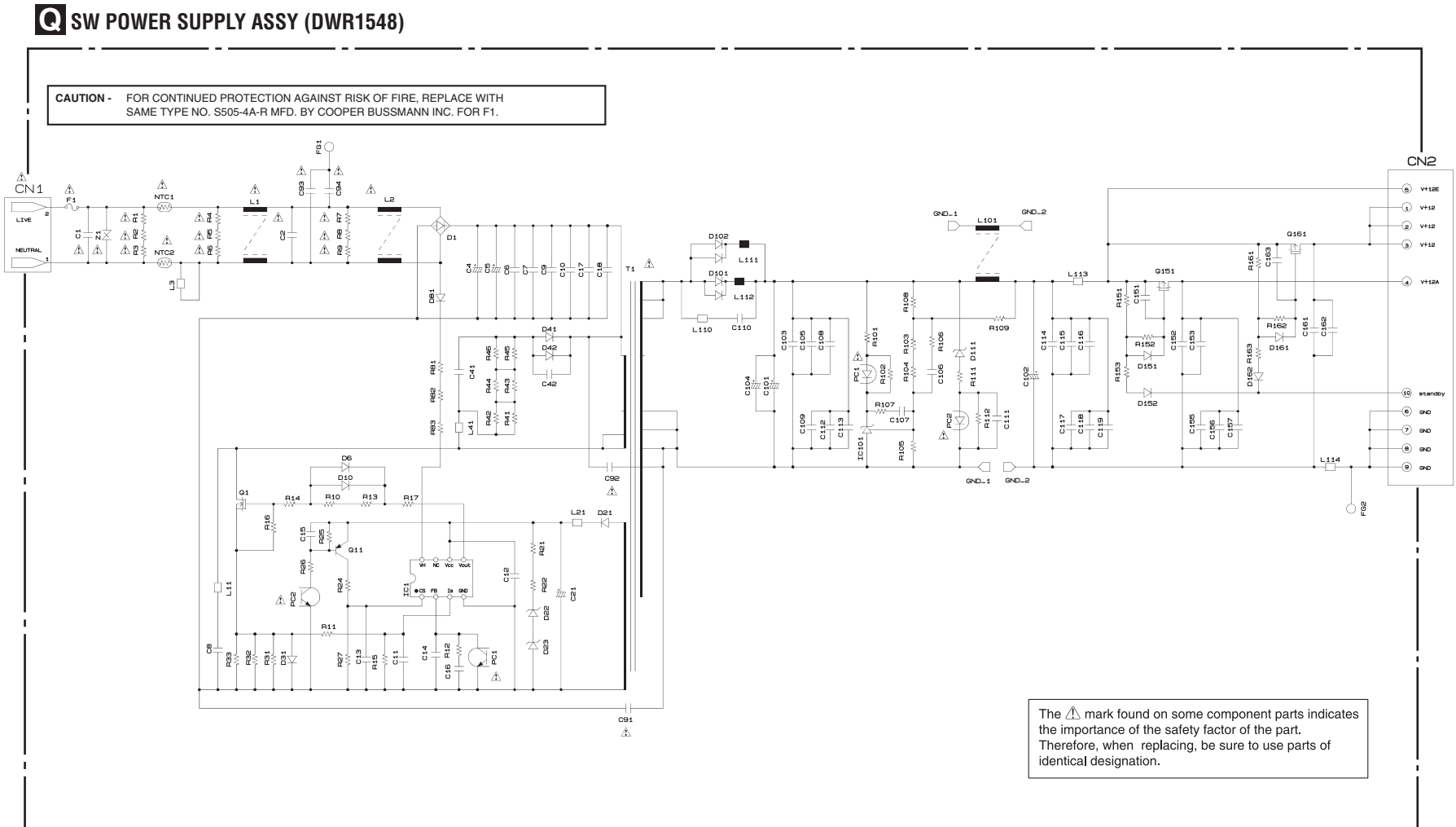
*RESISTORS
Indicated in Ω , $\pm 5\%$ tolerance
unless otherwise noted. k : k Ω , M : M Ω .

NOTES

- NM means STANDBY
- RS1/10SR***J
- ⊖ CKSRYB
- ⊕ CEJQ



6/9/11 CN1501



Q SW POWER SUPPLY ASSY (DWR1548)

CDJ-2000NXS2

10.27 WAVEFORMS

NOTE: The encircled numbers denote measuring point in the schematic diagram and PCB diagram.

注意: ○で囲まれた数字は回路図及びPCB図の各測定ポイントの番号を示します。

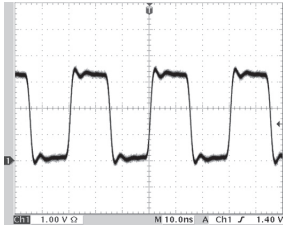
E MAIN ASSY

H LCDB ASSY

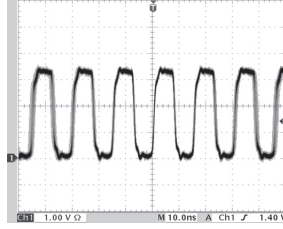
I PNLB ASSY

K JFLB ASSY

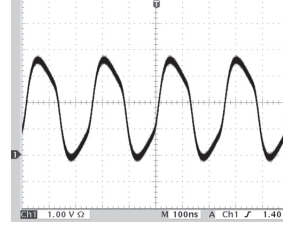
① IC10 - J1 (SYS_CLK) 33.3 MHz
V: 1.0 V/div. H: 10.0 nsec/div.



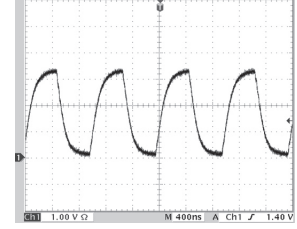
⑥ IC4604 - pin 61 (CKIO) 66.6 MHz
V: 1.0 V/div. H: 10.0 nsec/div.



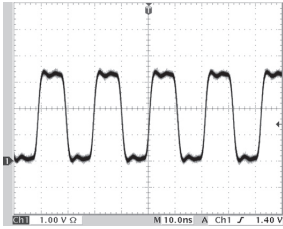
⑧ IC8001 - pin 13 (XOUT) 4 MHz
V: 1.0 V/div. H: 100.0 nsec/div.



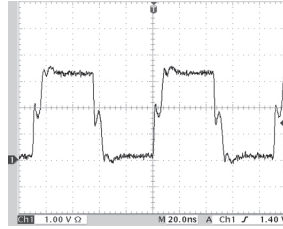
⑨ V9201 - pin 27 (CLK)
V: 1.0 V/div. H: 400.0 nsec/div.



② IC10 - B1 (USB_CLK) 48.0 MHz
V: 1.0 V/div. H: 10.0 nsec/div.

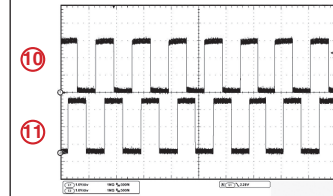


⑦ CN4002 - pin 5 (RSPCK1)
11.1 MHz
V: 1.0 V/div. H: 20.0 nsec/div.

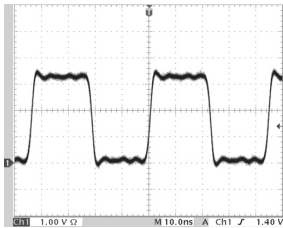


⑩ JH9201 - pin 2 (JOG1)
V: 1.0 V/div. H: 800 msec/div.

⑪ JH9201 - pin 1 (JOG2)
V: 1.0 V/div. H: 800 msec/div.



③ IC801 - pin 46 (DAC_MCLK_D)
22.5792 MHz
V: 1.0 V/div. H: 10.0 nsec/div.

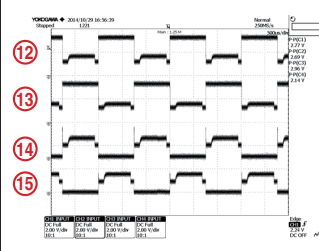


⑫ CN4401 - pin 1 (YT)
V: 2.0 V/div. H: 500 usec/div.

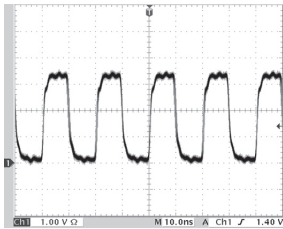
⑬ CN4401 - pin 2 (XR)
V: 2.0 V/div. H: 500 usec/div.

⑭ CN4401 - pin 3 (YB)
V: 2.0 V/div. H: 500 usec/div.

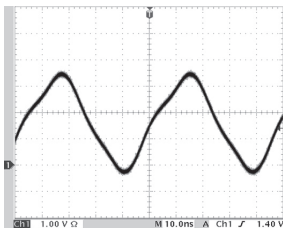
⑮ CN4401 - pin 4 (XL)
V: 2.0 V/div. H: 500 usec/div.



④ IC604 - pin 28 (RMII_REF_CLK)
50.0 MHz
V: 1.0 V/div. H: 25.0 nsec/div.



⑤ CN604 - pin 6 (SD_CLK) 20.8 MHz
V: 1.0 V/div. H: 10.0 nsec/div.



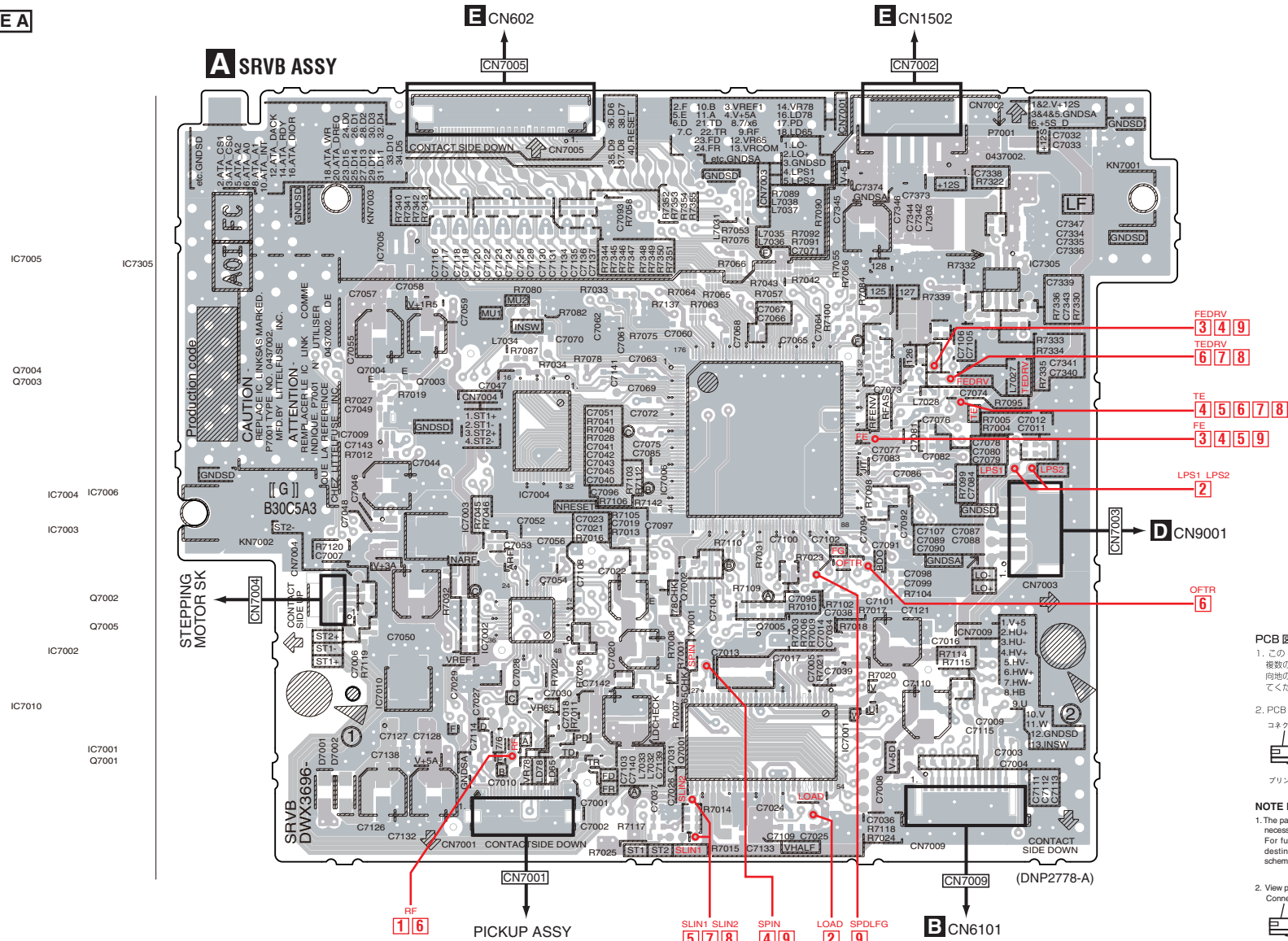
11. PCB CONNECTION DIAGRAM

注意: □で囲まれた数字は各測定ポイントの番号を示します
 NOTE: The squared numbers denote measuring points.

11.1 SRVB ASSY

SIDE A

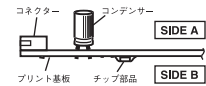
SIDE A



PCB 図に対する注意

1. この PCB 図にマウントしている部品は複数の仕向地の部品を含んでいます。各仕向地の情報は、前図で確認するようにしてください。

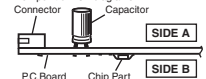
2. PCB 図の見かた。



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.



CDJ-2000NXS2

31

A

A

A

B

C

D

E

F

SIDE B

1

2

3

4

A

SIDE B

1

2

3

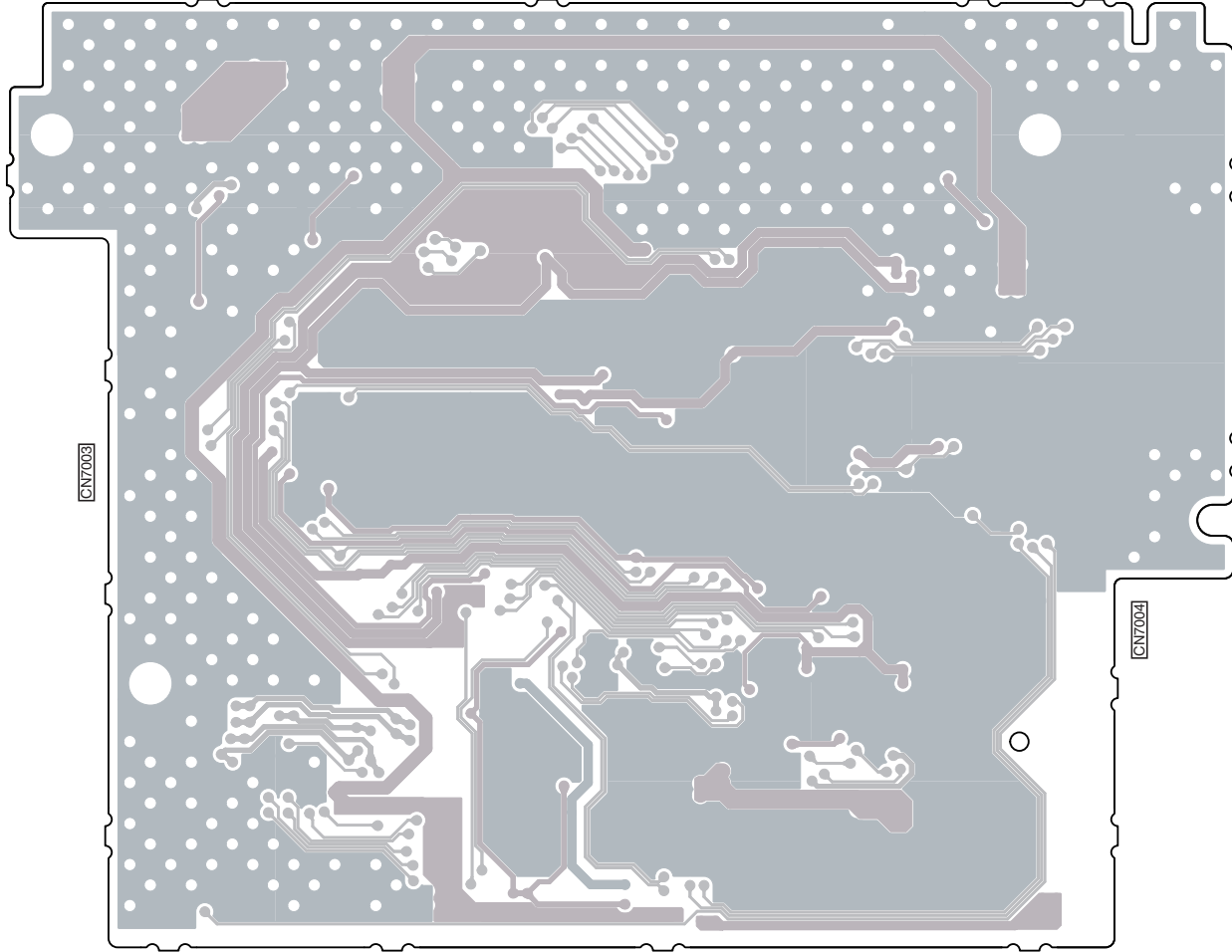
4

A

A SRVB ASSY

CN7002

CN7005



CDJ-2000NXS2

32

11.2 SPCN, INSW and SLMB ASSYS

SIDE A

5

6

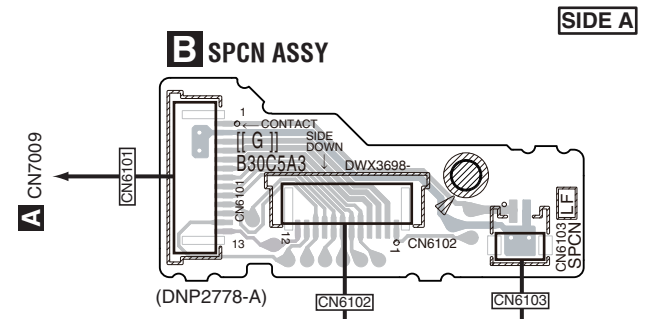
7

8

CDJ-2000NXS2

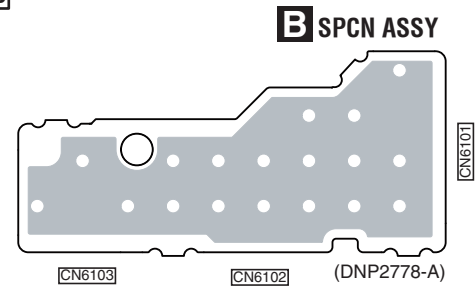
33 B C D

F E D C B A



SIDE A

SIDE B



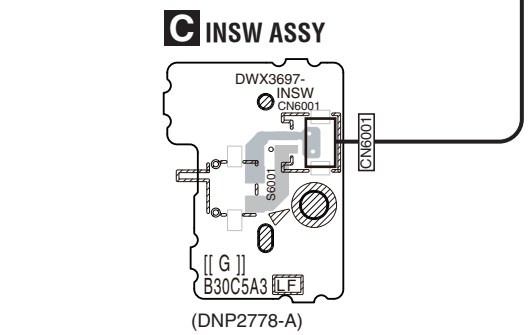
SIDE B

5

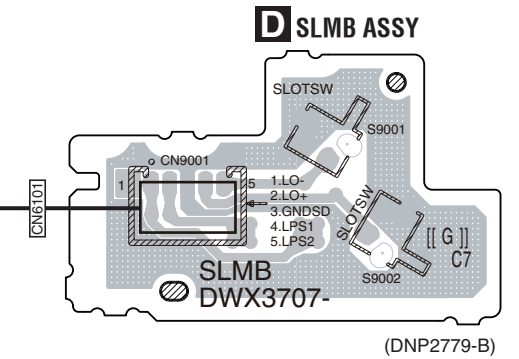
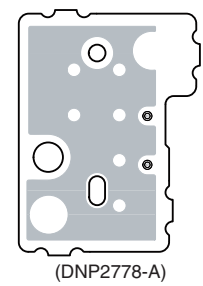
6

7

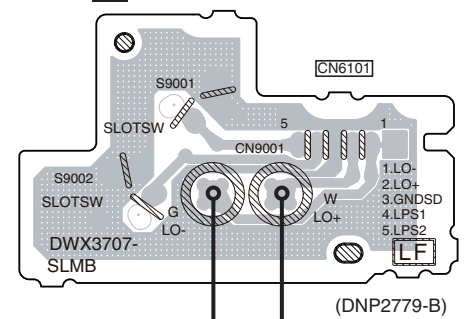
8



C INSW ASSY



D SLMB ASSY



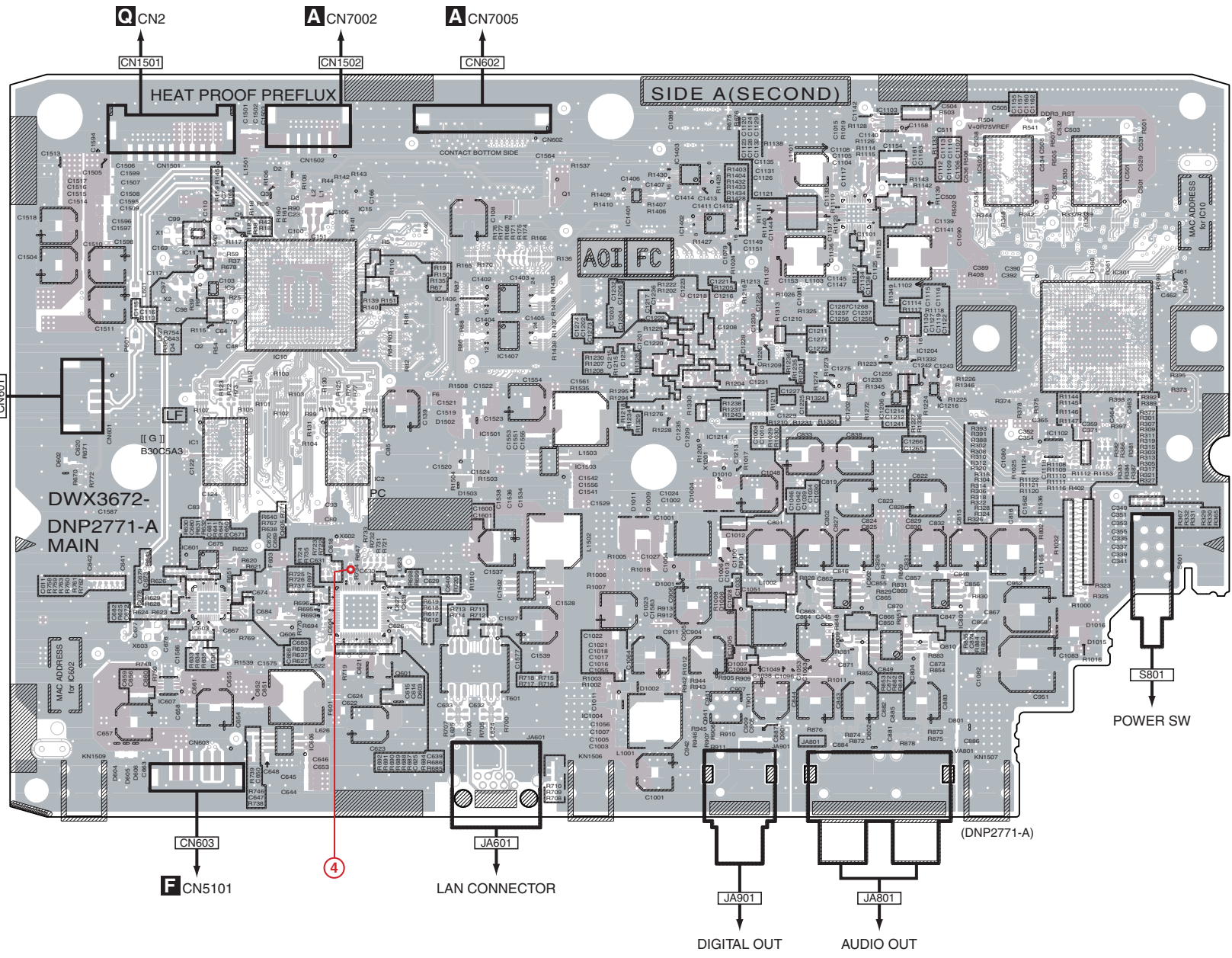
LOADING MOTOR

B C D

A

注意: ○で囲まれた数字は各測定ポイントの番号を示します
NOTE: The encircled numbers denote measuring point.

MAIN ASSY



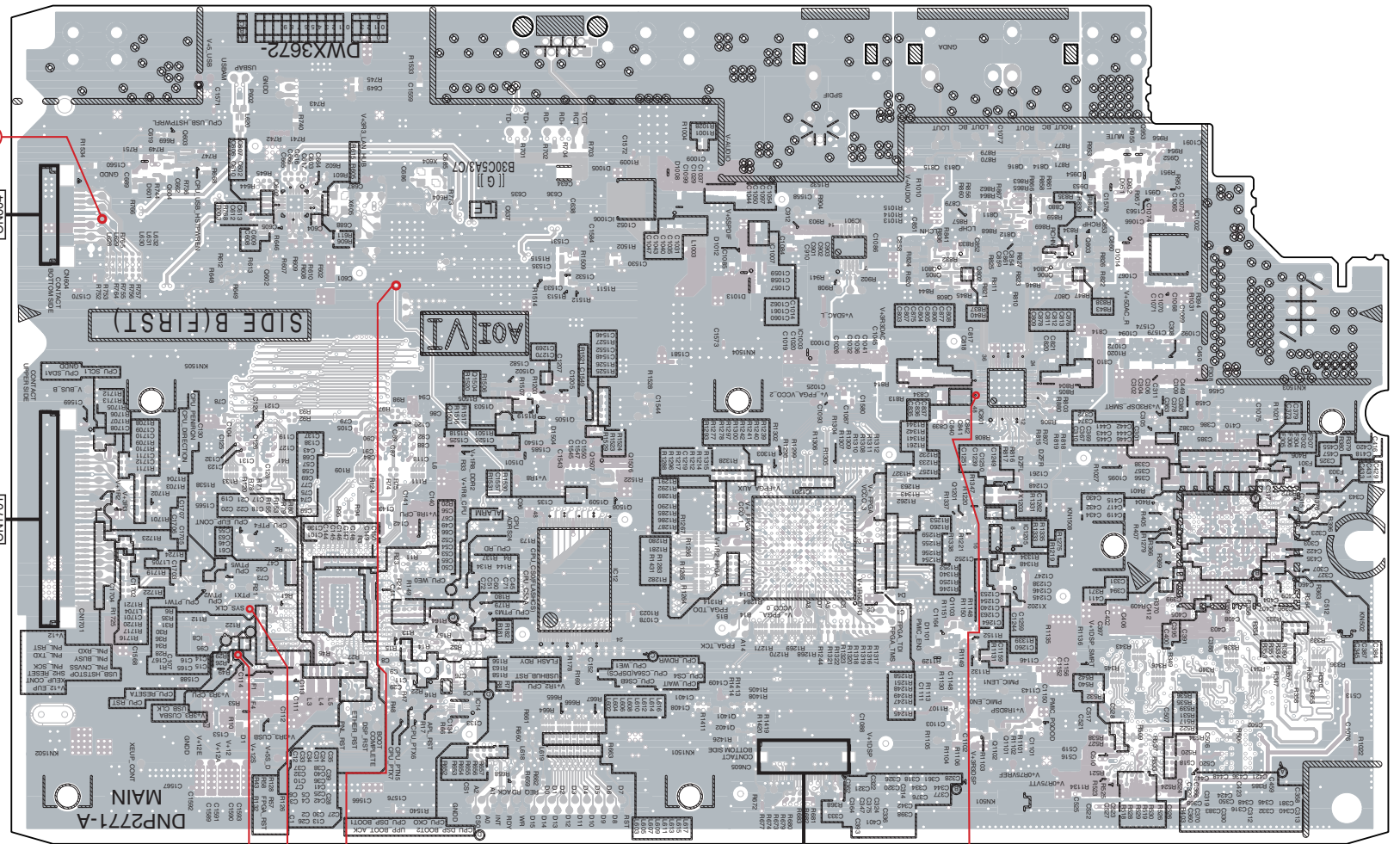
- IC1403
- IC502
- IC501
- IC7-01 Q3
- IC15
- IC1401 Q5
- IC1402
- IC111
- IC11
- IC301
- IC1406
- Q2 Q4
- IC1204
- IC1407
- C1522
- IC1216
- IC1206 IC1202
- IC1501
- IC1102 IC1214
- IC1
- IC1503
- IC2
- IC1001
- Q605
- IC601
- IC802
- IC1502
- IC803
- IC603 IC604
- Q606
- IC1005
- IC804 Q601
- IC807
- IC1004
- IC806

SIDE A

SIDE A

E

E



- Q953
- Q952
- Q813
- Q814
- Q815
- Q816
- Q951
- Q292
- Q904
- Q951
- Q811
- C2901
- IC1008
- Q812
- Q803
- IC1007
- Q801
- Q804
- Q805
- Q806
- Q802
- Q807
- Q1003
- Q1504
- Q1504
- Q1504
- Q1503
- IC81
- Q1506
- Q1507
- IC1001
- Q1020
- Q1502
- Q1503
- IC1026
- IC1
- IC11
- Q1103
- IC8
- IC14
- Q1401
- Q1402
- Q1101
- Q1102

CDJ-2000NXS2

FOR DEBUG

(DNP2771-A)

5

6

7

8

5

6

7

8

F

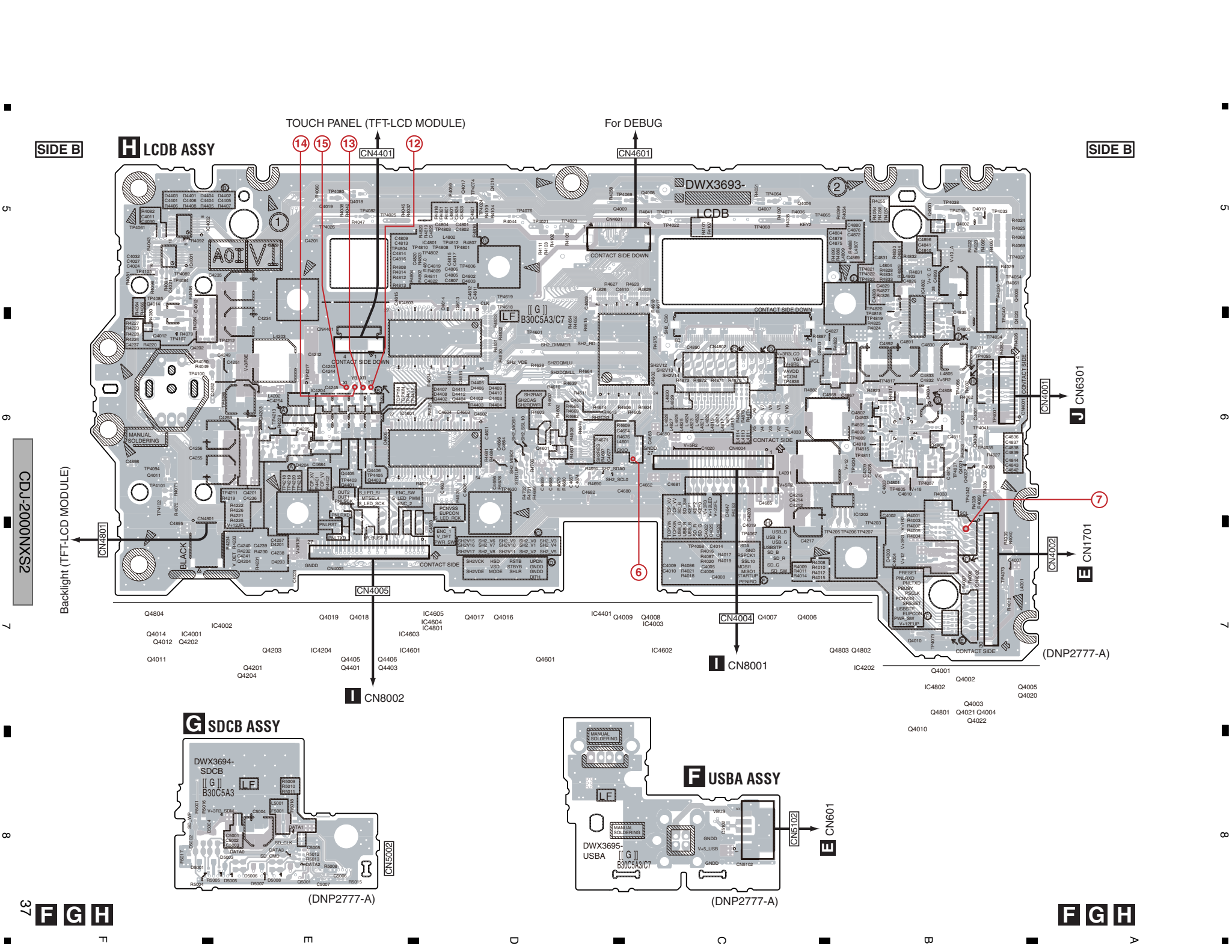
E

D

C

B

A



TOUCH PANEL (TFT-LCD MODULE)

For DEBUG

SIDE B

H LCDB ASSY

SIDE B

DWX3693-
LCDB

I CN8001

J CN6301

E CN1701

(DNP2777-A)

CDJ-2000NXS2

Backlight (TFT-LCD MODULE)

G SDCB ASSY

F USBA ASSY

(DNP2777-A)

(DNP2777-A)

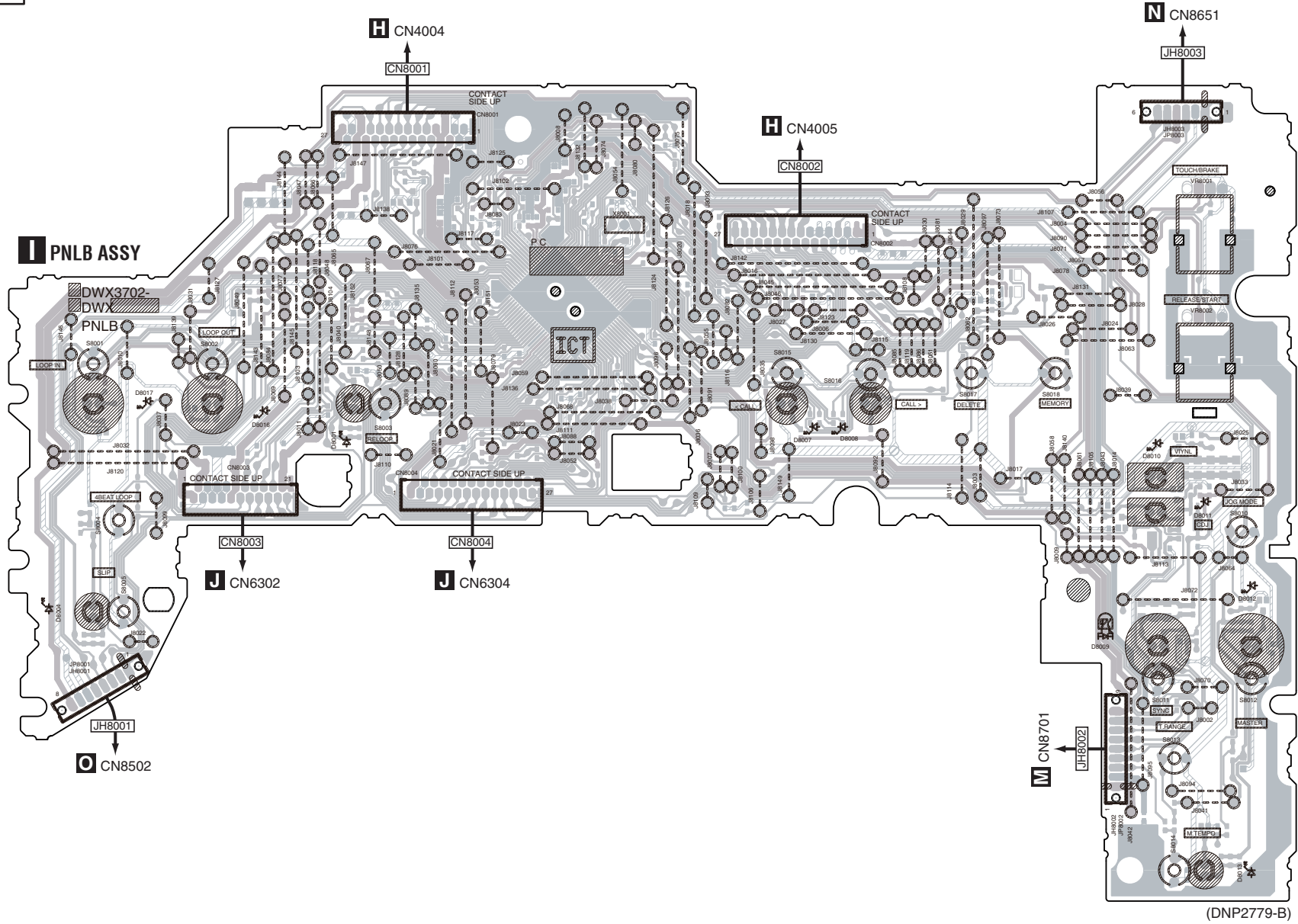
37 **F G H**

F G H

F E D C B A

11.5 PNLB ASSY

SIDE A



(DNP2779-B)

SIDE A

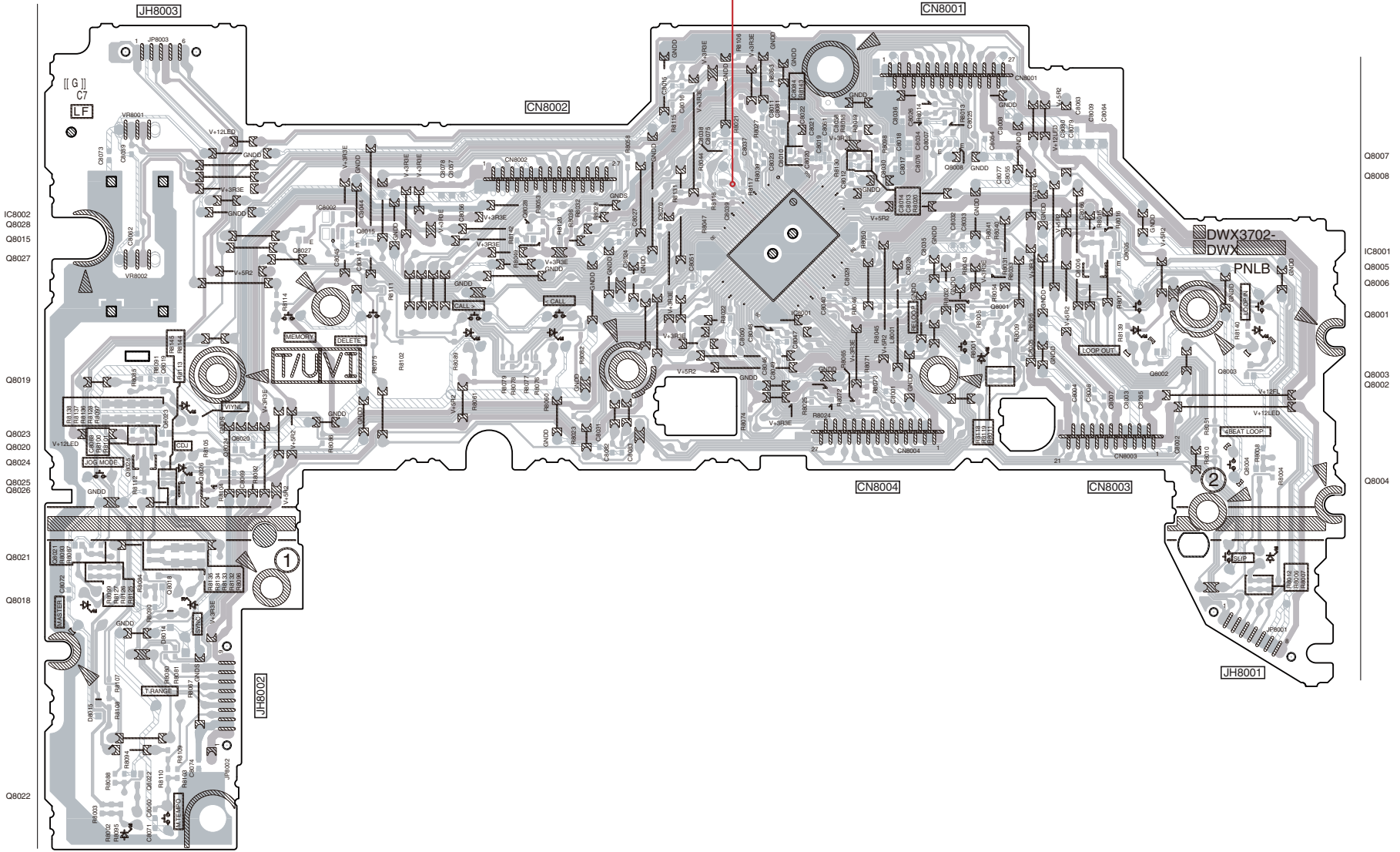
CDJ-2000NXS2

SIDE B

SIDE B

注意: ○で囲まれた数字は各測定ポイントの番号を示します
NOTE: The encircled numbers denote measuring point.

PNLB ASSY

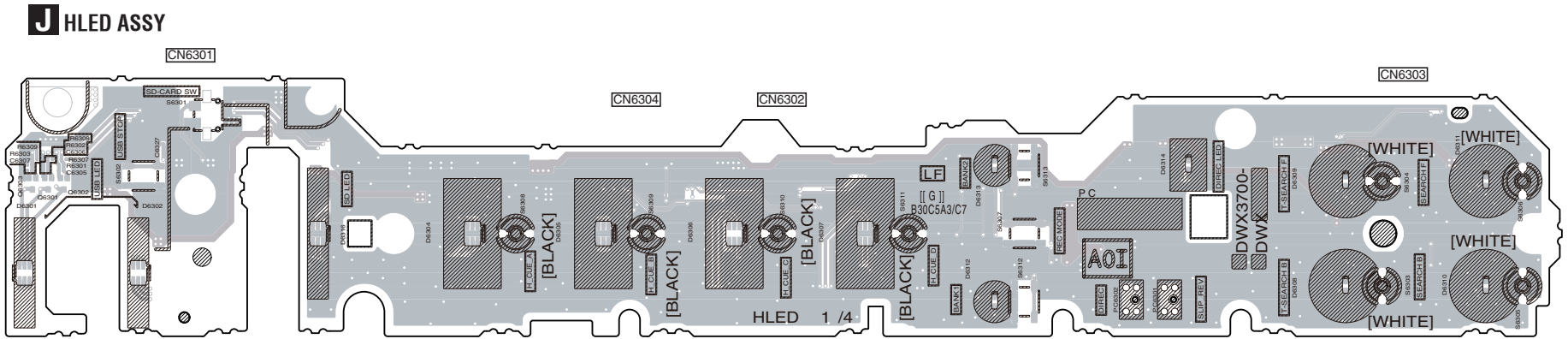


(DNP2779-B)

CDJ-2000NXS2

SIDE A

SIDE A

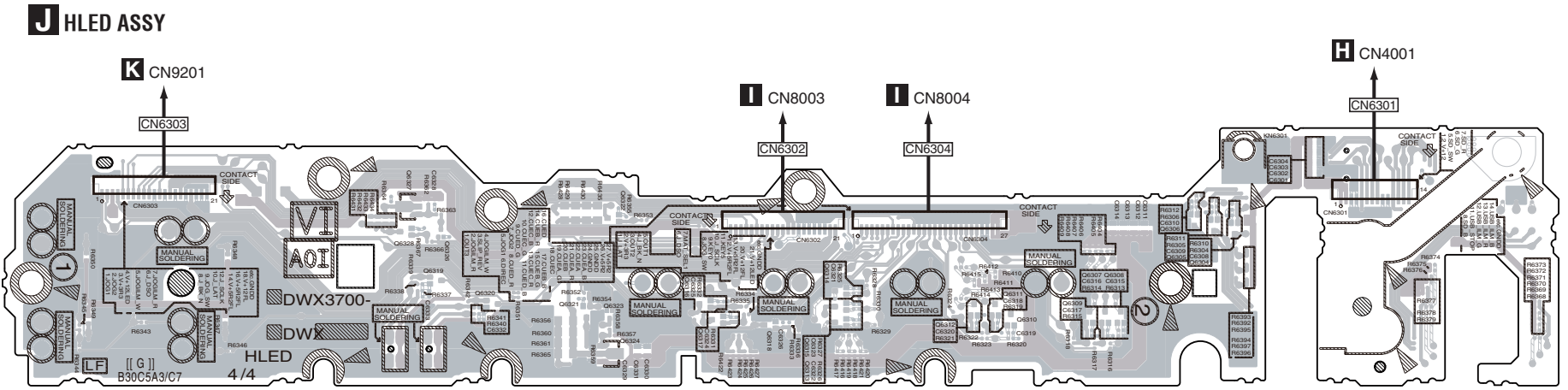


(DNP2793-B)

Q6301 - Q6303

SIDE B

SIDE B

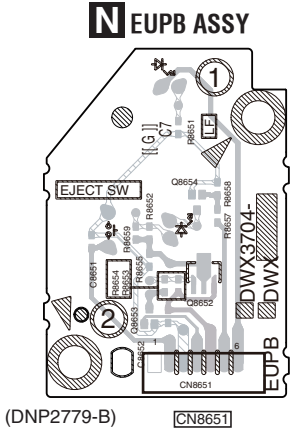


(DNP2793-B)

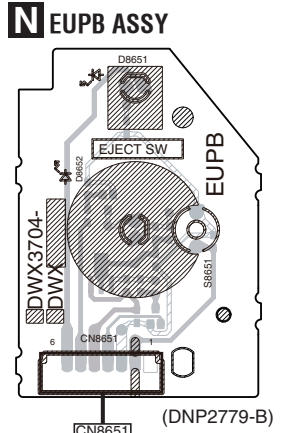
Q6327 Q6328 Q6326 Q6320 Q6321 Q6323 Q6324 Q6316 Q6317 Q6318 Q6314 Q6315 Q6313 Q6312 Q6311 Q6310 Q6309 Q6307 Q6308 Q6306 Q6305 Q6304

CDJ-2000NXS2

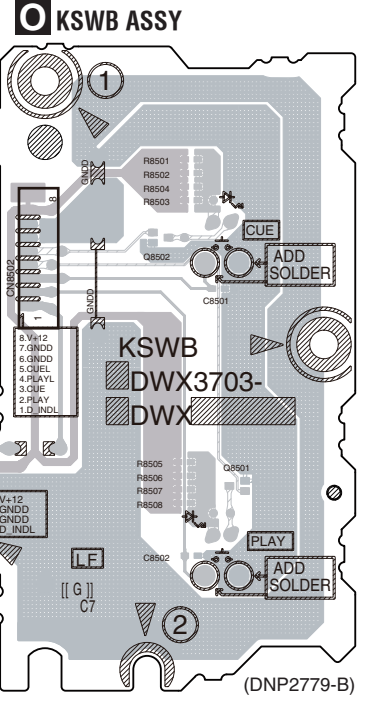
SIDE B



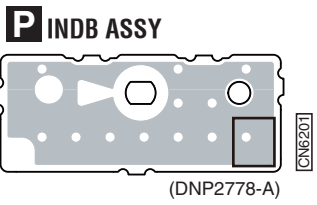
SIDE A



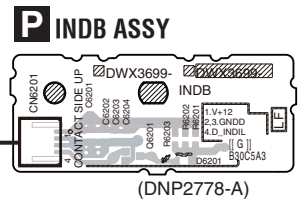
NOP



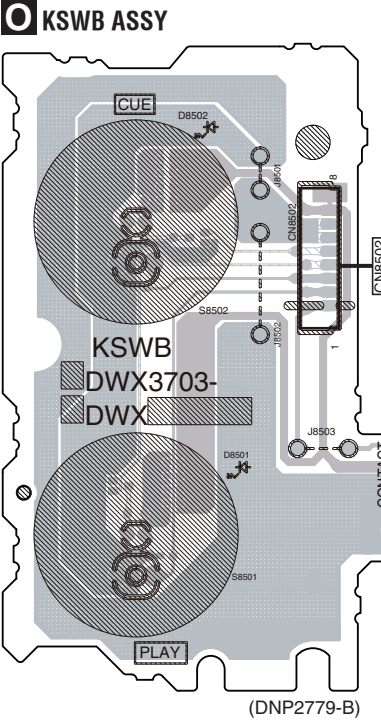
B



C



D



F

CDJ-2000NXS2

SIDE A

NOP

E

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/APU $\boxed{5}$ $\boxed{6}$ $\boxed{7}$ J

47 k Ω \rightarrow 47 $\times 10^3$ \rightarrow 473 RD1/APU $\boxed{4}$ $\boxed{7}$ $\boxed{3}$ J

0.5 Ω \rightarrow R50 RN2H \boxed{R} $\boxed{5}$ $\boxed{0}$ K

1 Ω \rightarrow 1R0 RSIP $\boxed{7}$ \boxed{R} $\boxed{0}$ 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 $\boxed{5}$ $\boxed{6}$ $\boxed{2}$ $\boxed{1}$ F

Mark No.	Description	Part No.	Mark No.	Description	Part No.
LIST OF ASSEMBLIES			MISCELLANEOUS		
	1..MAIN ASSY	DWX3672	D	7001,7002	D1F60-5053
NSP	1..LCDA ASSY	DWM2569	L	7027,7028,7031-7038 INDUCTOR	CTF1379
	2..LCDB ASSY	DWX3693	KN	7001-7003 WRAPPING TERMINAL	CKF1089
	2..SDCB ASSY	DWX3694	X	7001 CERAMIC RESONATOR	DSS1157
	2..USBA ASSY	DWX3695	CN	7001 24P FFC CONNECTOR	DKN1445
			CN	7002 CONNECTOR	AKM1292
NSP	1..SRVA ASSY	DWM2570	CN	7003 CONNECTOR	AKM1291
	2..SRVB ASSY	DWX3696	CN	7004 4P CONNECTOR	DKN1288
	2..INSW ASSY	DWX3697	CN	7005 40P CONNECTOR	VKN1818
	2..SPCN ASSY	DWX3698	CN	7009 CONNECTOR	DKN1313
	2..INDB ASSY	DWX3699			
NSP	1..PNLA ASSY	DWM2571	P	7001 PROTECTOR(2.000A)	DEK1126
	2..PNLB ASSY	DWX3702	RESISTORS		
	2..KSWB ASSY	DWX3703	R	7001,7110	RS1/10SR4701F
	2..EUPB ASSY	DWX3704	R	7003,7006,7009	DCN1143
	2..SLMB ASSY	DWX3707	R	7007	RS1/4SA120J
	2..JFLB ASSY	DWX3708	R	7008	RS1/4SA220J
	2..J0GB ASSY	DWX3709	R	7014,7015	RS1/4SA2R0J
	1..SLDB ASSY	DWX3705	R	7017,7109	RS1/10SR2702F
	1..HLED ASSY	DWX3700	R	7018,7024,7025,7099	RS1/10SR1502F
Δ	1..SW POWER SUPPLY ASSY	DWR1548	R	7020,7117,7118	RS1/10SR1202F
			R	7021	RS1/10SR3302F
NSP	SLOTIN MECHA G11 ASSY	DXA2163	R	7042,7043,7063-7066	RAB4CQ101J
	TM ASSY 09SD-S	DXX2697	R	7057	RAB4CQ103J
			R	7112	RS1/10SR1002F
				Other Resistors	RS1/10SR###J

Mark No.	Description	Part No.	Mark No.	Description	Part No.
SRVB ASSY			CAPACITORS		
SEMICONDUCTORS			C	7001,7002,7081	CKSRYB472K50
	IC 7001	BD7956FS	C	7008,7014,7016,7021	CKSRYB104K16
	IC 7002	AN22022A	C	7010,7024,7070,7098	CKSRYB103K50
Δ	IC 7003	NJM2846DL3-33	C	7011,7012,7034,7061	CCSRCH101J50
	IC 7004	DYW1867*	C	7013	CKSRYB224K16
	*Part number of the initial firmware equipped		C	7017	CCSRCH470J50
Δ	IC 7005	S-1155B15-U5	C	7018,7019	CKSRYB474K10
			C	7020,7022	CEHVAW470M6R3
			C	7023,7025-7030,7040	CKSRYB104K16
			C	7031,7050,7121,7126	CCH1565
			C	7036,7037,7076,7078	CKSRYB182K50
	IC 7006	MN103S71F	C	7038,7053,7079,7087	CKSRYB102K50
	IC 7009	S-80942CNMC-G9C	C	7039,7056	CCSRCH151J50
Δ	IC 7010	NJM2845DL1-05	C	7041	CKSRYB561K50
	Q 7001,7002	2SA1036K	C	7042,7090	CKSRYB273K25
	Q 7003,7004	LTC014YEB	C	7043,7104	CKSRYB473K50
	Q 7005	UM5K1N	C	7044,7055,7110	CEHVVW470M16

Mark No. Description

Part No.

Mark No. Description

Part No.

A

C 7045-7048,7051,7052 CKSRYB104K16
 C 7049 CKSRYB183K50
 C 7054,7057,7058,7060 CKSRYB104K16
 C 7059 CEHVV470M6R3
 C 7062,7089,7108 CCSRCH101J50
 C 7063-7068,7071,7072 CKSRYB104K16
 C 7069,7075,7085,7096 CKSRYB105K10
 C 7073,7074 CKSRYB471K50

IC 802,803
 IC 804
 IC 901
 ⚠ IC 1001,1002
 ⚠ IC 1003
 IC 1004
 ⚠ IC 1005
 ⚠ IC 1006
 ⚠ IC 1007
 ⚠ IC 1101

NJM8801E
 NJM4580MD
 NLV74VHCU04DT
 NJM7805DL1A
 NJM2872BF33
 NJW1933F1
 NJM78M09DL1A
 NJM79M09DL1A
 NJM2872BF05
 TPS65262RHB

B

C 7077 CKSRYB222K50
 C 7080,7082,7084,7086 CKSRYB104K16
 C 7083 CKSRYB122K50
 C 7088,7092,7097 CKSRYB102K50
 C 7091,7094,7095 CKSRYB104K16
 C 7099-7102,7109,7114 CKSRYB104K16
 C 7103 CKSRYB333K50
 C 7111-7113,7115 CKSRYB102K50
 C 7116-7120,7122-7125 CCSRCH101J50
 C 7127,7128,7133,7142 CKSRYB104K16

⚠ IC 1102
 ⚠ IC 1103
 IC 1201
 IC 1202
 IC 1204

LM10011SD
 TPS51200DRC
 XC3S50A-4FTG256C
 TC7WZ74FK
 TC74LCX157FK

C

C 7129-7131,7134-7137 CCSRCH101J50
 C 7132 CCH1565
 C 7139-7141 CCSRCH221J50
 C 7143 CKSRYB104K16

IC 1214
 IC 1216
 ⚠ IC 1501
 Q 1
 Q 2,4,953,1507
 Q 3
 Q 5,952,1502-1504
 Q 601
 Q 602,1201
 Q 603

TC7SZ08FUS1
 SN74AVC2T45DCU
 MM3529A18P
 RTQ045N03
 LTC024EEB
 EM6K7
 LTA024EEB
 2SB1188
 LTC023JEB
 RN1903

B SPCN ASSY
MISCELLANEOUS

CN6101 CONNECTOR DKN1313
 CN6102 CONNECTOR DKN1312
 CN6103 CONNECTOR VKN1940

C INSW ASSY
MISCELLANEOUS

S 6001 SPRING SWITCH CSN1031
 CN6001 CONNECTOR VKN1940

D SLMB ASSY
MISCELLANEOUS

S 9001,9002 PUSH SWITCH DSG1017
 CN9001 L-PLUG(5P) KM200NA5L

E MAIN ASSY
SEMICONDUCTORS

IC 1,2 W971GG6SB-25
 IC 7,9 TC7WHU04FK
 IC 8 TC7SH00FUS1
 IC 11 PST8430N
 NSP IC 12 DYW1865

Q 604,951,1102,1401
 Q 801-804,809,810
 Q 805-808,811,812
 Q 813-816
 Q 1101
 Q 1103
 Q 1501,1505
 Q 1506
 Q 1508
 Q 1509

LSCR523UB
 2SK3320
 HN1C01FU
 INC2002AC1
 LTA023JEB
 LSAR523UB
 LSCR523UB
 RTQ040P02
 LTA024EEB
 LTC024EEB

E

NSP

NSP

F

⚠

⚠

IC 14 H337S3959
 IC 15 TC7SH08FUS1
 IC 301 TMS320C6655CZH
 IC 501,502 W631GG6KB-12
 NSP IC 602 RTL8152B-VB-CG
 IC 603 USB2512B-AEZG-TR
 IC 604 RTL8304E-CG
 IC 606,1502,1503 BD9328EFJ
 IC 607 TPS2557DRB
 IC 801 AK4490EQ

D 1-3,952,954
 D 601
 D 603
 D 604-606
 D 802
 D 953
 D 1001,1003,1005,1006
 D 1002
 D 1007,1008
 D 1012,1014,1101,1502
 D 1501

MISCELLANEOUS

L 1,2,622,623 INDUCTOR
 L 601,620 COIL
 L 602-619 FERRITE BEAD
 L 626,1502 INDUCTOR
 L 627-632,1704 FERRITE BEAD
 L 1001 POWER INDUCTOR
 L 1101 POWER INDUCTOR(22U)
 L 1102 CHOKE COIL
 L 1103 INDUCTOR
 L 1503 INDUCTOR
 L 1705 FERRITE BEAD
 F 2,3,6 EMI FILTER

DA2J101
 DZ2J051M0
 RR264M-400
 DZ2J056M0
 DZ2J062M0
 DB2J41100
 DA2J101
 RB162M-40
 RB501VM-40
 DA2J101
 DZ2J082M0

CTF1394
 ATH7015
 CTF1528
 CTH1253
 CTF1528
 ATH7053
 DTL1100
 CTH1477
 CTH1619
 CTH1255
 CTF1528
 CCG1352

Mark No.	Description	Part No.	Mark No.	Description	Part No.
F 307,308	SMD EMI FILTER	CCG1308	R 751		RS1/10SR472J
F 601-603	EMI FILTER	CCG1352	R 765		CTF1528
JA 601	RJ45 CONNECTOR	VKN2023	R 766,1000		RS1/10SR221J
JA 801	RCA JACK	DKB1121	R 820-827		RN1/16SE3300D
JA 901	1P PIN JACK	PKB1045	R 848-851		RN1/16SE4700D
KN 501,502	WRAPPING TERMINAL	CKF1092	R 852-855		RN1/16SE5600D
KN 1501-1505	WRAPPING TERMINAL	CKF1089	R 872,873		RS1/10SR473J
KN 1506,1507,1509	SCREW PLATE	VNE1948	R 874-876,878		RS1/10SR271J
KN 1508	WRAPPING TERMINAL	CKF1089	R 881-884		RN1/16SE1002D
S 801	PUSH SW	ASG1102	R 909		RS1/10SR101J
T 601	TRANSFORMER	DTX1009	R 953		RS1/4SA332J
T 901	TRANSFORMER	DTL1225	R 956,1119,1123,1125		RS1/10SR0R0J
X 1	RESONATOR	CSS1760	R 1002		RS1/16SS2701D
X 2	CRYSTAL RESONATOR	CSS1825	R 1029-1032		RS1/10SR471J
X 603	RESONATOR	CSS1773	R 1107,1115,1130		RS1/16SS1502D
X 604,605	CRYSTAL(25MHZ)	DSS1205	R 1112		RS1/16SS1203D
X 1201	CRYSTAL OSCILLATOR	DSS1216	R 1113,1118,1129,1513		RS1/16SS1002D
X 1202	CRYSTAL OSCILLATOR	DSS1215	R 1114		RS1/16SS6802D
X 1203	CRYSTAL OSCILLATOR	ASS7102	R 1116		RS1/16SS1803D
CN601	CONNECTOR	AKM1291	R 1117		RS1/16SS2002D
CN602	40P CONNECTOR	VKN1818	R 1131		RS1/16SS4701D
CN603	CONNECTOR	AKM1278	R 1132		RS1/16SS5601D
CN604	CONNECTOR	CKS6095	R 1153		RS1/16SS1001D
CN1501	CONNECTOR	DKN1661	R 1202,1203,1207,1208		RS1/10SR0R0J
CN1502	CONNECTOR	AKM1292	R 1210,1213,1229,1313		RS1/10SR0R0J
CN1701	CONNECTOR	CKS6025	R 1511		RS1/16SS3301F
			R 1512		RS1/16SS5600F
			R 1514		RS1/10SR333J

RESISTORS

R 3,20	RS1/16SS82R0F
R 33	RS1/4SA0R0J
R 41,81-88	RAB4CQ220J
R 99-103,105,107	RAB4CQ220J
R 104	RS1/16SS4300D

R 109,111,114,119	RAB4CQ220J
R 116,117	RS1/16SS5601F
R 133,1264-1271	RAB4CQ220J
R 136,165,166,170	RAB4CQ330J
R 333,335-346	RAB4CQ0R0J

R 363,364,602	RS1/16SS91R0F
R 503,504,1509	RS1/10SR102J
R 505,508	RS1/16SS2400F
R 517-540,542	RS1/16SS39R0D
R 541	RS1/16SS4701F

R 601	RS1/16SS2401D
R 616-619	RS1/16SS49R9F
R 625,1001,1028	RS1/16SS1202D
R 664-667	RAB4CQ101J
R 668,700,705-710	RS1/10SR0R0J

R 685,686	RS1/16SS3901F
R 701-704	RS1/10SR750J
R 711-718	RS1/16SS1000D
R 738,911	RS1/10SR104J
R 739	RS1/10SR223J

R 740	RS1/10SR4702D
R 741	RS1/10SR1100D
R 743	RS1/10SR1002D
R 745,1528	RS1/10SR220J
R 746	RS1/10SR393J

R 748,750	RS1/16SS2202F
R 749,905	RS1/10SR331J

CAPACITORS

C 1,2,5,10	CKSSYB104K10
C 3,6,7,14	CKSSYB102K50
C 4,8,9	CKSSYB103K16
C 11-13,30,36	CKSSYB103K16
C 15,18,20,22	CKSSYB104K10
C 16,17,19,21	CKSSYB102K50
C 23,80,83,94	DCH1201
C 24,31,34,37	CKSSYB102K50
C 25-29,32,33	CKSSYB104K10
C 35,38,40-42	CKSSYB104K10
C 39,46,51,55	CKSSYB102K50
C 43,49,52,54	CKSSYB103K16
C 44,45,47,48	CKSSYB104K10
C 50,53,56-62	CKSSYB104K10
C 63,71,72,144	CKSSYB102K50
C 64-69,74-79	CKSSYB104K10
C 70,73,143,147	CKSSYB103K16
C 84,86,93,95	CKSSYB104K10
C 85,87-92	CCSSCH102J50
C 96,106,110-114	DCH1201
C 97,98,687,688	CCSSCH100D50
C 99	CCSSCH6R0D50
C 100,101,103-105	CKSSYB104K10
C 107,684,1108,1116	CKSRYB105K10
C 108,657	CEHVAW101M6R3
C 115,124-126,133	CKSSYB104K10

Mark	No.	Description	Part No.
A	C 117		CKSSYB682K25
	C 118-123,127-129		CCSSCH102J50
	C 130,140,601,621		DCH1201
	C 131,132,806,811		CCSSCH102J50
	C 134		CKSSYB222K50
	C 135-138,141,142		CKSSYB104K10
	C 145,148-151,153		CKSSYB104K10
	C 146,152,167,343		CKSSYB102K50
	C 165,166,168		CKSSYB104K10
	C 169		CCSSCH5R0C50
B	C 301,303,390,1155		CCG1234
	C 302,304,388,389		CCG1232
	C 305,307,309,311		CCG1218
	C 306,308,644,645		ACG1142
	C 310,312-328,330		CKSSYB104K16
	C 329,331,333,335		CKSSYB103K16
	C 332,334,336,373		CKSSYB104K16
	C 337-342,344,346		CKSSYB103K16
	C 345,347,349,351		CKSSYB102K50
	C 348,350,352,354		CKSSYB103K16
	C 353,355,381,383		CKSSYB102K50
	C 356,357,359,361		CKSSYB103K16
	C 358,360,362		CKSSYB561K50
	C 363,377,379		CKSSYB103K16
C	C 364-372,374,376		CKSSYB561K50
	C 375,392-396		CKSSYB104K16
	C 378,380,382		CKSSYB561K50
	C 384-387,406-409		CKSSYB561K50
	C 391		CCG1218
	C 397-401,411,418		CKSSYB103K16
	C 402-405,433,434		CKSSYB102K50
	C 410,450		CCG1212
	C 412		CKSSYB333K16
	C 415-417,429,430		CKSSYB104K16
D	C 419,421,431,432		CKSSYB103K16
	C 420,422-424,435		CKSSYB561K50
	C 436,447,448,459		CKSSYB561K50
	C 441,442,455,456		CKSSYB104K16
	C 443,444,457,458		CKSSYB103K16
	C 445,446,1118		CKSSYB102K50
	C 449		CCG1232
	C 460		CKSSYB561K50
	C 461-464,508		CKSSYB104K10
	C 501,502,504-507		CKSSYB104K16
E	C 503,509,1121,1139		DCH1256
	C 510,511,529-538		CKSSYB104K16
	C 512,513,519-521		CKSSYB103K16
	C 516-518,522-524		CKSSYB104K10
	C 525-527,640-642		CKSSYB103K16
	C 528,602-606,608		CKSSYB104K10
	C 607,610,613,669		CKSSYB105K6R3
	C 611,612,614-618		CKSSYB104K10
	C 620		CKSRYP225K6R3
	C 623,819,822,827		CEHVAW470M16
	C 624,656,659,661		DCH1201
F	C 625-631,635-639		CKSSYB104K10
	C 634		ACG1127
	C 646,881,1026,1528		CCSRCH102J50
	C 648,649,887,905		CKSRYP104K50

Mark	No.	Description	Part No.
C	650,1530,1531,1533		CKSRYP103K50
C	651,1030,1031,1106		ACG1142
C	653,689		CKSRYP104K16
C	655,833,838,906		CCH1565
C	658,664-668		CKSSYB104K10
C	660,663,680,681		CKSSYB103K16
C	670-673,675,682		CKSSYB104K10
C	674,912,1521,1522		DCH1201
C	676,677		CCSSCH120J50
C	683,1140,1142,1158		CKSSYB104K10
C	685,686		CCSSCH9R0D50
C	801,816		CCH1680
C	802,815,882,883		CCH2090
C	803,814,826,831		ACG7115
C	804,813,1049,1050		ACE7100
C	807,810,1053,1054		ACE7129
C	808,809,823,828		CCSSCH101J50
C	817,820,837,842		CCSSCH102J50
C	818,821,825,830		CCG1321
C	824,829,836,841		CCG1318
C	832		CEHVAW470M16
C	834,839		ACG7115
C	835,840,845-850		CCG1321
C	851-854,871-874		CFHXSQ472J16
C	855-857,862,879		CCSRCH222J50
C	864,865,867,869		CFHXS153J16
C	880		CCSRCH222J50
C	884,885		CFHXSQ152J50
C	903,1138,1154,1212		CKSSYB103K16
C	910,1025,1102,1513		CKSRYP104K50
C	951		CEVW471M16
C	952		CEVW221M16
C	1001,1023,1048,1510		CCH1565
C	1002,1007,1017,1042		CCG1318
C	1004,1051,1066		CCG1328
C	1005,1006,1018,1020		CCG1321
C	1008,1028,1029,1055		CCSSCH101J50
C	1010,1016,1033,1037		CCSSCH102J50
C	1011		CKSQYB224K50
C	1014,1015,1058,1061		CKSSYB104K16
C	1032,1067,1077		CCG1321
C	1038,1044,1507		ACE7113
C	1043,1065		CCG1318
C	1046,1047,1056,1059		CCSSCH102J50
C	1052		CCG1322
C	1060,1069,1214,1245		CCSSCH102J50
C	1063,1064,1527,1537		CCH2090
C	1068,1244,1248,1252		CCSSCH101J50
C	1072,1075,1076		CKSSYB104K16
C	1078-1081,1088-1090		CKSSYB104K16
C	1082-1087,1091-1094		CCG1321
C	1095,1235,1236		CKSSYB104K16
C	1100,1165,1509		ACE7129
C	1107,1119,1120		ACG1142
C	1111,1145,1148		CCSSCH220J50
C	1117,1125,1136		CKSSYB473K16
C	1122-1124,1128,1202		ACG1142
C	1134,1540		CKSRYP105K10
C	1141,1144		DCH1256
C	1147		CKSSYB332K50

Mark	No.	Description	Part No.
C	1157,1160-1163		CCG1234
C	1159		CCSSCH820J50
C	1164,1201,1203-1206		CKSSYB104K10
C	1207,1211,1275		CKSSYB105K6R3
C	1208-1210,1213		CKSSYB104K10
C	1215-1218,1220-1232		CKSSYB104K10
C	1219,1233,1246,1250		CKSSYB103K16
C	1234,1237-1243		CKSSYB104K10
C	1249,1253,1257,1506		CCSSCH102J50
C	1254,1258,1503		CKSSYB103K16
C	1255,1256,1505,1550		CCSSCH101J50
C	1402-1407,1409		CKSSYB104K10
C	1411-1414,1543,1706		CKSSYB104K10
C	1508		ACE7100
C	1514,1529,1541,1551		ACG1142
C	1515-1517,1519,1523		CKSRYP104K50
C	1518,1554		CCH1565
C	1520		CKSRYP333K50
C	1524-1526,1556		CKSSYB104K16
C	1534,1536		DCH1201
C	1538,1539		CKSRYP104K50
C	1542,1547		CCSSCH102J50
C	1544-1546		CKSSYB103K16
C	1549		CKSSYB104K16
C	1558-1560		CCG1321
C	1561-1588,1704,1705		CKSSYB104K16
C	1589-1593		CCSSCH331J50
C	1594		CCSSCH470J50
C	1595		ACE7114
C	1701,1703		CCSSCH221J50
C	1707		CKSSYB104K10

F USBA ASSY MISCELLANEOUS

JA 5101	USB JACK	DKB1118
JA 5102	USB JACK	DKN1664
KN5101	WRAPPING TERMINAL	CKF1089
CN5101	CONNECTOR	AKM1293
CN5102	CONNECTOR	AKM1291
VA 5101-5104	SMD VARISTOR	EZJZ0V80010

G SDCB ASSY SEMICONDUCTORS

Q 5001		RN2903
D 5001,5003,5005,5007		DAP202K
D 5002,5004,5006,5008		DAN202K

MISCELLANEOUS

L 5002	FERRITE BEAD	CTF1528
F 5001	EMI FILTER	CCG1352
KN5001	WRAPPING TERMINAL	CKF1089
CN5001	CONNECTOR	CKS5956
CN5002	10P CONNECTOR	VKN1414

RESISTORS

R 5016-5019		RS1/10SR0RJ
Other Resistors		RS1/16SS###J

CAPACITORS

Mark	No.	Description	Part No.
C	5002		CKSSYB102K50
C	5003		DCH1201
C	5005		CKSSYB104K16
C	5006,5007		CKSSYB103K16

H LCDB ASSY SEMICONDUCTORS

IC 4001-4003		74VHC595FT
IC 4202,4204		BD9328EFJ
IC 4601,4603		M12L2561616A-5TG2S
IC 4602		DYW1866*
*Part number of the initial firmware equipped		
IC 4605		TC7SZ08FUS1
IC 4801		R1290K103A
IC 4802		BD81A04EFV-M
Q 4001,4002,4012		LSC4081UB
Q 4003-4011,4016-4022		LTC023JEB
Q 4014		2SB1188
Q 4201,4202		LSAR523UB
Q 4203,4401,4403,4601		LTC024EEB
Q 4204		LSCR523UB
Q 4402,4404		LTC023JEB
Q 4405,4406		LTA023JEB
Q 4801		2SAR502UB
Q 4802		LTC024EEB
Q 4803		LTA024EEB
D 4001,4004-4010		SML-512MW
D 4002,4017,4018		NHSW046A-0171
D 4003		SMLE12BC7T
D 4011		SML-D12U8W
D 4012-4014		SML-512MW
D 4019,4204-4206		DA2J101
D 4201,4203		DZ2J056M0
D 4202		DZ2J068M0
D 4405-4412		DA2J101
D 4801-4803		DB3S308F0
D 4804		DB2J41100
D 4805		RB060M-30

MISCELLANEOUS

L 4201,4203	INDUCTOR	CTH1255
L 4601	INDUCTOR	CTF1645
L 4802	CHOKE COIL	CTH1426
L 4804	INDUCTOR	CTF1545
L 4805	POWER INDUCTOR	ATH7068
L 4806	INDUCTOR	CTF1635
L 4807,4808	CHIP INDUCTOR(10U)	DTL1105
L 4809	CHIP BEEDS FILTER	BTX1042
L 4810	INDUCTOR	LCTAW101J2520
L 4811,4813-4830	CHIP BEADS	VTL1126
L 4812	CHIP BEADS	VTL1128
S 4001-4013,4015,4016	TACT SWITCH	DSG1134
S 4014	ENCODER SW	DSX1080
X 4602	CRYSTAL RESONATOR	CSS1840
CN 4001	14P CONNECTOR	VKN1418
CN 4002	30P CONNECTOR	VKN1434
CN 4004,4005	27P CONNECTOR	VKN1431
CN 4401	FFC/FPC CONNECTOR	CKS6625
CN 4801	CONNECTOR	CKS4428
CN 4802	FFC/FPC CONNECTOR	CKS6646

Mark No. Description

Part No.

Mark No. Description

Part No.

RESISTORS

A	R 4022,4023	RS1/10SR182J
	R 4024,4025,4068,4069	RS1/4SA471J
	R 4079	RS1/10SR152J
	R 4203,4236	RS1/10SR220J
	R 4205	RS1/10SR8200D
	R 4206	RS1/10SR4702D
	R 4207,4239	RS1/10SR1002D
	R 4208	RS1/10SR688J
	R 4210	RS1/10SR472J
	R 4221-4228	RS1/4SA2R7J
	R 4235	RS1/10SR104J
	R 4238	RS1/10SR2702D
B	R 4240	RS1/10SR223J
	R 4241	RS1/10SR393J
	R 4401,4402,4415	RS1/8SQOR0J
	R 4601-4603,4607,4608	RAB4CQ330J
	R 4604-4606,4613,4614	RAB4CQ101J
	R 4620-4623,4630-4633	RAB4CQ330J
	R 4626-4629	RAB4CQ101J
	R 4640-4643	RAB4CQ330J
	R 4644-4647	RAB4CQ680J
	R 4648-4651,4681	RAB4CQ473J
	R 4658-4660,4666-4668	RS1/10SR0R0J
C	R 4802	RS1/16SS3603D
	R 4803	RS1/16SS6802D
	R 4804	RS1/16SS3901D
	R 4809	RS1/16SS1103D
	R 4810	RS1/16SS1002D
	R 4812,4815	RS1/16SS1502D
	R 4814	RS1/16SS8201D
	R 4817	RS1/10SR0R0J
	R 4818	RS1/16SS3303D
	R 4819	RS1/16SS5601D
	R 4820	RS1/16SS3902D
D	R 4827	RS1/16SS5100F
	R 4828	RS1/16SS3302D
	R 4829	RS1/16SS2202D
	R 4833	RS1/16SS1203D
	R 4834	RS1/16SS1602D
	R 4835,4849,4858	RS1/16SS39R0D
	R 4837,4853	RS1/16SS47R0D
	R 4841,4850	RS1/16SS75R0F
	R 4847,4851	RS1/16SS1300D
	R 4848	RS1/16SS51R0D
	R 4852,4856	RS1/16SS82R0D
E	R 4854	RS1/16SS56R0D
	R 4855	RS1/16SS1800D
	R 4870-4873	RAB4CQ221J
	R 4890	RS1/4SAOR0J
	Other Resistors	RS1/16SS###J

C	4204,4238,4239,4257	CKSSYB104K10
C	4206,4207,4212,4242	ACG1142
C	4209,4245,4252,4660	CCSRCH102J50
C	4210,4211,4246,4247	CKSRYB104K50
C	4213	CKSRYB472K50
C	4217,4253	CCH1565
C	4234,4235,4255,4256	CCH2090
C	4236,4407,4412,4804	CKSSYB105K6R3
C	4241,4662,4663,4677	CKSSYB103K16
C	4243,4249	ACG1142
C	4248	CKSRYB103K50
C	4402,4403,4608,4802	CKSSYB102K50
C	4601-4607,4610-4617	CKSSYB104K10
C	4609	DCH1201
C	4618-4626,4628-4653	CKSSYB104K16
C	4655,4657,4664-4674	CKSSYB104K16
C	4658,4659	CCSRCH331J50
C	4661	CCSRCH102J50
C	4675,4676	CCG1192
C	4678,4679	CCSSCH120J50
C	4680-4685,4813,4822	CKSSYB104K16
C	4803	CKSRYB105K16
C	4805,4807	CKSQYB105K25
C	4808	CKSQYB475K6R3
C	4810,4879	CKSRYB104K50
C	4811,4812	CKSQYB474K25
C	4814,4888	CKSSYB105K6R3
C	4816	CKSSYB224K6R3
C	4817,4845	CKSYB475K16
C	4818,4825,4866,4882	CKSSYB102K50
C	4819	CKSSYB561K50
C	4820,4829	CKSSYB103K16
C	4821,4834	CKSSYB332K50
C	4823,4824,4871,4883	CCG1236
C	4826,4830,4832,4833	CCG1254
C	4827	CKSRYB224K16
C	4828,4851-4853,4878	CKSSYB104K10
C	4831	CCG1218
C	4835-4837	CCG1254
C	4846-4848,4876,4877	CKSSYB104K16
C	4849,4850	CKSRYB105K10
C	4854	DCH1246
C	4867	CKSQYB225K16
C	4868	CKSSYB103K25
C	4872	CCG1201
C	4874	CCG1234
C	4875	CKSQYB334K50
C	4885,4889,4890	CKSSYB102K50
C	4887,4894-4896,4898	CKSSYB104K16
C	4891,4892	CCH2090

CAPACITORS

F	C 4001-4004,4007,4012	CKSRYB104K16
	C 4008,4010,4028,4029	CCSSCH101J50
	C 4011,4027	CCSSCH331J50
	C 4013,4024,4030	CKSSYB104K16
	C 4020,4022,4023,4025	CKSRYB104K16
	C 4026,4208,4244,4254	CKSRYB104K16
	C 4032	CCSSCH101J50
	C 4201-4203,4237,4240	CKSSYB104K16

**PNLB ASSY
SEMICONDUCTORS**

IC	8001	DYW1868*
	*Part number of the initial firmware equipped	
IC	8002	PST8430N
Q	8001,8004,8018-8022	LSC4081UB
Q	8002,8003	LTC114YUB
Q	8005,8023,8024	LTC143EUB

Mark	No.	Description	Part No.
Q	8006,8025,8026		2SB1188
Q	8007,8008,8015,8028		LTC124EUB
Q	8027		LTA124EUB
D	8001,8007,8008,8012		SLI-343Y8Y
D	8004,8013		LTL17KRH5D
D	8009		SLR343WBD2PT
D	8010		SLR343BC4T
D	8011		LTL17KGH5D
D	8016,8017		SLI-343Y8Y

MISCELLANEOUS

L	8001	INDUCTOR	CTF1379
VR	8001,8002	VARIABLE RESISTOR	DCS1045
S	8001-8004	TACT SWITCH	DSG1079
S	8005	TACT SWITCH	DSG1089
S	8010-8018	SWITCH	VSG1024
X	8001	CERAMIC RESONATOR	DSS1131
CN	8001,8002,8004	27P CONNECTOR	VKN1287
CN	8003	CONNECTOR	VKN1281
JH	8001	8P CABLE HOLDER	51048-0800
JH	8002	9P CABLE HOLDER	51048-0900
JH	8003	6P CABLE HOLDER	51048-0600
JP	8001	JUMPER WIRE	D2OPYY0825E
JP	8002	JUMPER WIRE	D2OPDY0910E
JP	8003	WIRE	D2OPDY0605E
JP	8004	JUMPER WIRE	D2OPYY0405E

RESISTORS

R	8067		RS1/4SA0R0J
R	8116		RS1/8SQ105J
R	8128,8136-8138		RS1/4SA471J
	Other Resistors		RS1/10SR###J

CAPACITORS

C	8007		CCSRCH121J50
C	8008,8021,8036,8039		CKSRYB104K16
C	8010,8011,8023-8026		CKSRYB103K50
C	8012-8016,8027,8030		CCSRCH102J50
C	8019,8020		CKSRYB474K10
C	8022,8081		DCH1256
C	8040,8044,8054,8056		CKSRYB104K16
C	8041,8058,8059,8061		CKSRYB103K50
C	8045		CKSRYB273K16
C	8062,8075		CKSRYB103K50
C	8063,8066,8068-8070		CKSRYB104K16
C	8082,8083		CCSRCH221J50

**J HLED ASSY
SEMICONDUCTORS**

Q	6301-6320		LSCR523UB
Q	6321,6322,6328		LSC4081UB
Q	6323,6326		LTC043EEB
Q	6324,6327		2SB1188
D	6301,6302,6304-6307		SMLVN6RGB2UK
D	6308-6311		SML-D12Y8W
D	6312,6313		SMLE12BC7T
D	6314		SML-D12U8W
D	6316		SMLVN6RGB2UK

MISCELLANEOUS

KN	6301	WRAPPING TERMINAL	CKF1089
S	6301	SPRING SWITCH	CSN1031

Mark	No.	Description	Part No.
S	6302,6307,6312,6313	TACT SWITCH	DSG1134
S	6303-6306	SWITCH	VSG1024
S	6308-6311	TACT SWITCH	DSG1079
CN	6301	14P CONNECTOR	VKN1418
CN	6302,6303	21P CONNECTOR	VKN1425
CN	6304	27P CONNECTOR	VKN1431
PC	6301,6302	PHOTO INTERRUPTER	GP1S094HCZOF

RESISTORS

R	6347-6350		RS1/10SR181J
R	6356,6360,6361		RS1/4SA471J
R	6428-6430		RS1/4SA471J
R	6431-6434		RS1/10SR151J
	Other Resistors		RS1/16SS###J

CAPACITORS

C	6301-6304,6311-6314		ACG1142
C	6305-6310,6315-6326		CKSSYB103K16
C	6328,6329,6332,6333		CKSSYB104K16
C	6330,6331		ACG1142

**K JFLB ASSY
SEMICONDUCTORS**

⚠	IC	9201	MM1856A33N
	IC	9202	TC7WH04FU
⚠	IC	9203	NJM2392M
Q		9201,9202	2SC4154-11
Q		9203	LSAR523UB
Q		9204	2SC5712
Q		9205	LSCR523UB
Q		9206,9207	LTC124EUB
D		9201	DZ2J062M0
D		9202,9205	DA2J101
D		9203	DB2J41100
D		9206-9209	SLR343WBD2PT
D		9210-9213	SLI-343U3R
D		9214	RB162M-40

MISCELLANEOUS

L	9201	RAD SPL INDUCTOR	DTH1212
V	9201	VFD	DEL1074
CN	9201	21P CONNECTOR	VKN1252
CN	9202	CONNECTOR	CKS1072
JH	9201	4P CABLE HOLDER	51048-0400

RESISTORS

R	9201,9202		RS1/4SA102J
R	9215,9218		RS1/8SQ100J
R	9222		RS1/10SR8201D
R	9223		RS1/10SR3901D
R	9228,9230,9233,9235		RS1/4SA7R5J
R	9237,9239,9241,9243		RS1/4SA7R5J
R	9246,9248		RS1/4SA7R5J
R	9259		RS1/10SR2702D
R	9266		RS1/10SR1501D
R	9268		RS1/10SR2701D

R	9269		RS1/4SA122J
	Other Resistors		RS1/10SR###J

CAPACITORS

C	9201		CEHAZL101M25
C	9202		DCH1263
C	9203,9205,9215,9242		CGG1236
C	9204,9217,9230,9231		CKSRYB104K16

Mark No. Description

Part No.

Mark No. Description

Part No.

C	9206,9216,9252	CKSRYB104K50
C	9207,9238	CKSRYB103K50
C	9211,9213	CKSRYB105K16
C	9221	CEHAZL221M35
C	9225-9228,9248	CCSRCH101J50
C	9232	CKSRYB105K10
C	9234,9237,9241,9260	CKSRYB104K16
C	9235,9236	CCG1218
C	9239,9247,9251	CCSRCH102J50
C	9243,9253	CCG1236
C	9249	CCSRCH151J50

O KSWB ASSY
SEMICONDUCTORS

Q	8501,8502	LTC114YUB
D	8501	LTL17KCGP4J
D	8502	SLI-343Y8Y

MISCELLANEOUS

S	8501,8502 TACT SWITCH	DSG1117
CN	8501 4P CONNECTOR	VKN1264
CN	8502 8P JUMPER CONNECTOR	52147-0810

RESISTORS

All Resistors	RS1/10SR###J
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L JOGB ASSY
MISCELLANEOUS

CN	9301 4PJUMPER CONNECTOR	52151-0410
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P INDB ASSY
SEMICONDUCTORS

Q	6201	LTC114YUB
D	6201	CSL0401WBHCW1

MISCELLANEOUS

CN	6201 04P CONNECTOR	RKN1045
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RESISTORS

All Resistors	RS1/10SR###J
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RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C	9301	CKSRYB225K6R3
C	9302	CKSRYB103K50

Q SW POWER SUPPLY ASSY

There is no service parts.

M SLDB ASSY
SEMICONDUCTORS

Q	8702	2SB1188
Q	8703	LTC143EUB
Q	8704	LSC4081UB
D	8701	LTL17KGH5D

MISCELLANEOUS

VR	8701 SLIDE VR	DCV1032
VR	8702 SEMI FIXED RESISTOR	CCP1571
S	8701 SWITCH	VSG1024
CN	8701 9PJUMPER CONNECTOR	52151-0910

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C	8702	CEJQ470M16
C	8703,8706	CKSRYB104K16

N EUPB ASSY
SEMICONDUCTORS

Q	8652	2SB1188
Q	8653	LTC143EUB
Q	8654	LSC4081UB
D	8651	LTL17KRH5D
D	8652	LTL17KGH5D

MISCELLANEOUS

S	8651 SWITCH	VSG1024
CN	8651 6P JUMPER CONNECTOR	52147-0610

RESISTORS

All Resistors	RS1/10SR###J
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CAPACITORS

C	8652	CKSRYB104K16
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