

Service Manual



DDJ-SZ2

ORDER NO.
RRV4668

DJ Controller

DDJ-SZ2

This service manual publishes SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM and PCB PARTS LIST about DDJ-SZ2.

DDJ-SZ2 is designed with DDJ-SZ and DDJ-RZ as the base model.

Service manual for DDJ-RZ (RRV4663) is set to reference manual in this service manual.

Because there are few changes, service manual for DDJ-RZ is better than DDJ-SZ.

This service manual contains the difference between this model and DDJ-RZ about each item separately.

Refer to the service manual for DDJ-RZ about the contents that is not described in this service manual.

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

Model	Type	Power Requirement	Remarks
DDJ-SZ2	JXJ	AC 100 V	
DDJ-SZ2	LSYXJ	AC 110 V to 240 V	
DDJ-SZ2	UXJCB	AC 110 V to 240 V	
DDJ-SZ2	XJCN	AC 110 V to 240 V	

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

Model	Order No.	Remarks
DDJ-RZ	RRV4633	
DDJ-SZ2	RRV4667	BLOCK DIAGRAM, EXPLODED VIEWS AND PARTS LIST etc.

SAFETY INFORMATION

A



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.

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10. SCHEMATIC DIAGRAM

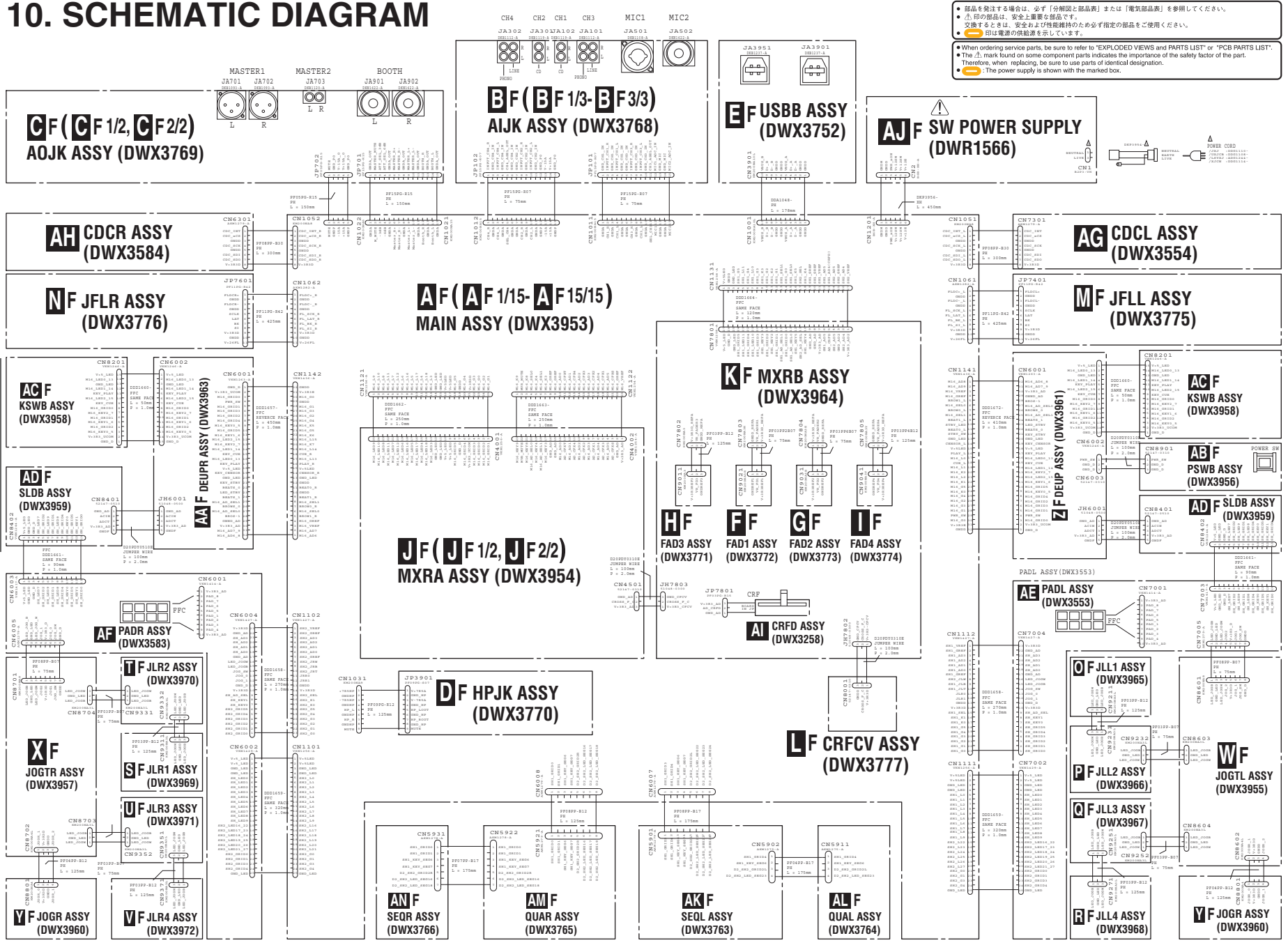
4

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2

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4



● 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。
 ● 点印の部品は、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。

● When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
 ● The ① 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.
 ● ① The power supply is shown with the marked box.



10. SCHEMATIC DIAGRAM

10.1 OVERALL WIRING DIAGRAM

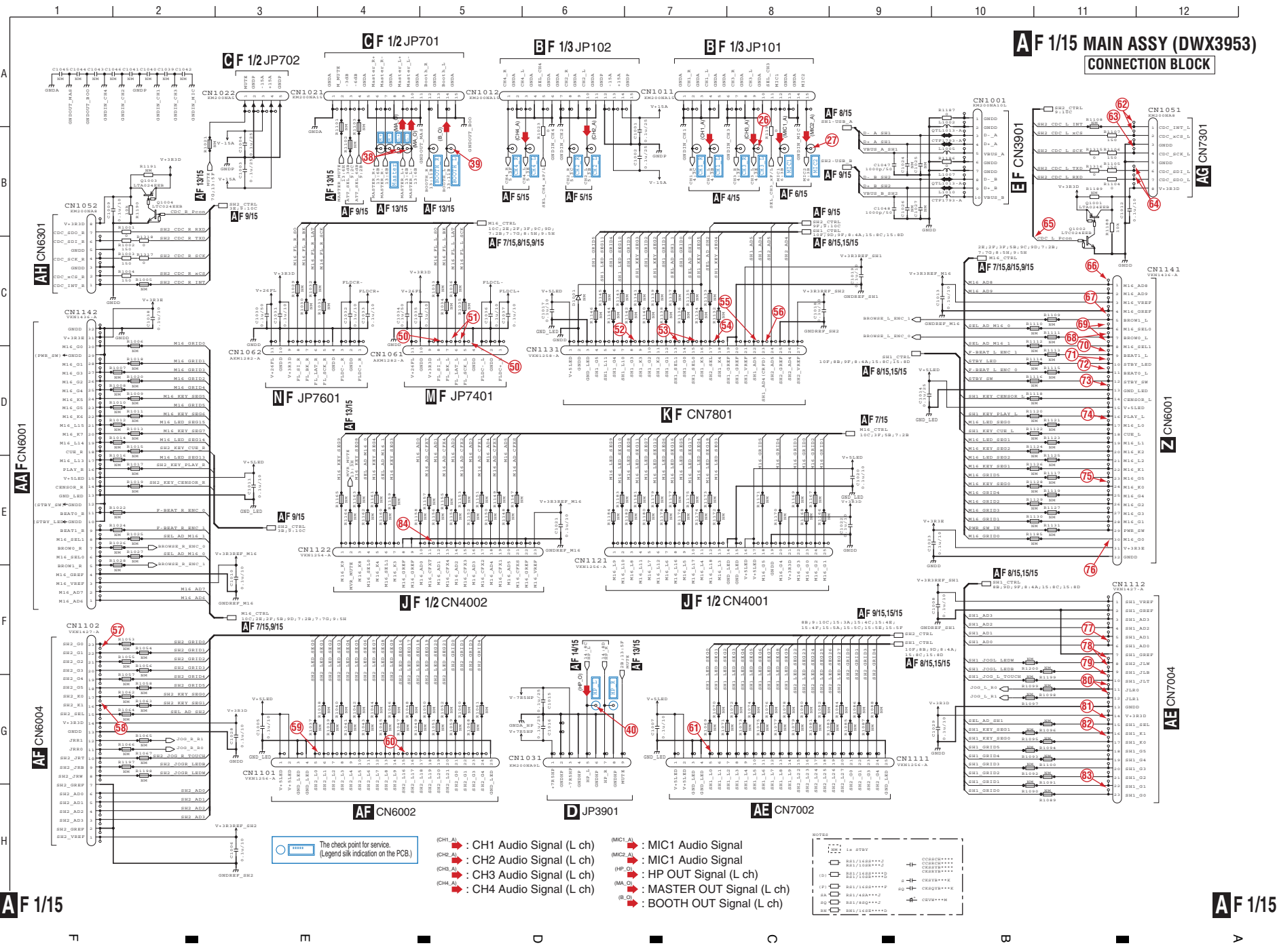
1

2

3

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**A F 1/15 MAIN ASSY (DWX3953)
CONNECTION BLOCK**



The check point for service.
(Legend silk indication on the PCB)

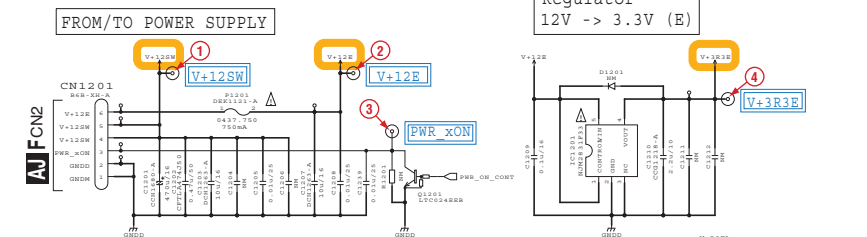
- (CH1_A) : CH1 Audio Signal (L ch)
- (CH2_A) : CH2 Audio Signal (L ch)
- (CH3_A) : CH3 Audio Signal (L ch)
- (CH4_A) : CH4 Audio Signal (L ch)
- (MIC1_A) : MIC1 Audio Signal
- (MIC2_A) : MIC2 Audio Signal
- (HP_OUT) : HP OUT Signal (L ch)
- (MA_OUT) : MASTER OUT Signal (L ch)
- (B_OUT) : BOOTH OUT Signal (L ch)

NOTES

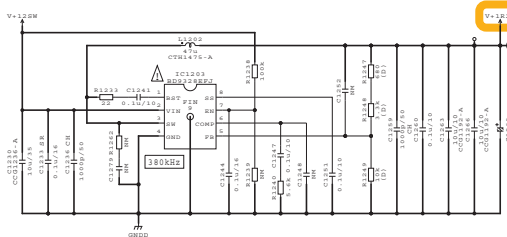
1	10-0001	000000000000	000000000000
2	10-0002	001100000000	000000000000
3	10-0003	001100000000	000000000000
4	10-0004	001100000000	000000000000
5	10-0005	001100000000	000000000000
6	10-0006	001100000000	000000000000
7	10-0007	001100000000	000000000000
8	10-0008	001100000000	000000000000
9	10-0009	001100000000	000000000000
10	10-0010	001100000000	000000000000
11	10-0011	001100000000	000000000000
12	10-0012	001100000000	000000000000
13	10-0013	001100000000	000000000000
14	10-0014	001100000000	000000000000
15	10-0015	001100000000	000000000000
16	10-0016	001100000000	000000000000
17	10-0017	001100000000	000000000000
18	10-0018	001100000000	000000000000
19	10-0019	001100000000	000000000000
20	10-0020	001100000000	000000000000

A F 2/15 MAIN ASSY (DWX3953)
POWER1 BLOCK

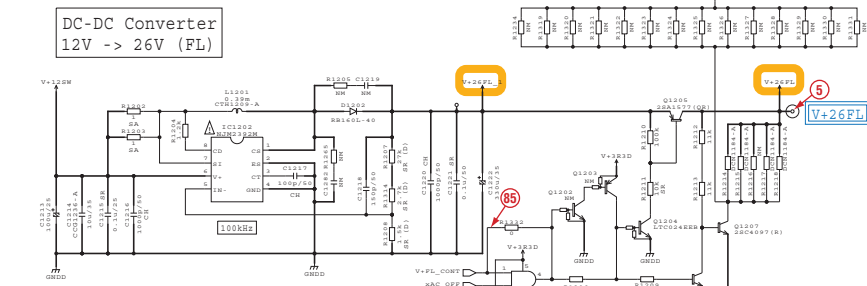
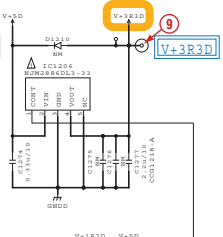
CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE ONLY WITH SAME TYPE NO.
0437.750, MFD. BY LITTELFUSE INC. FOR P1201.



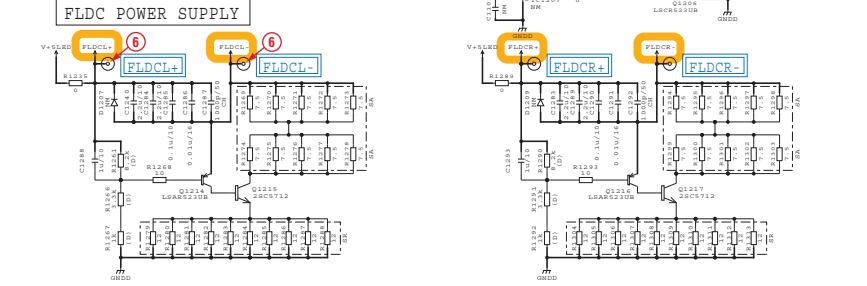
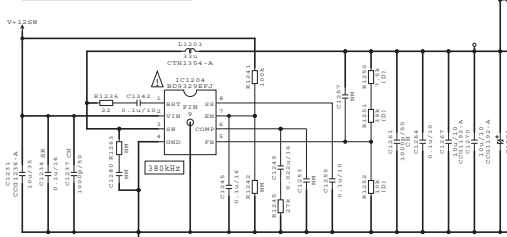
DC-DC Converter
12V -> 1.25V (D)



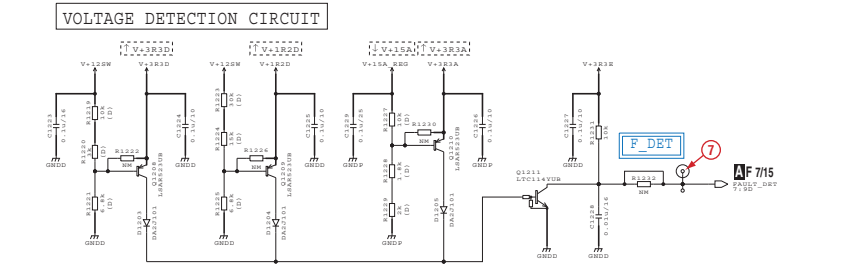
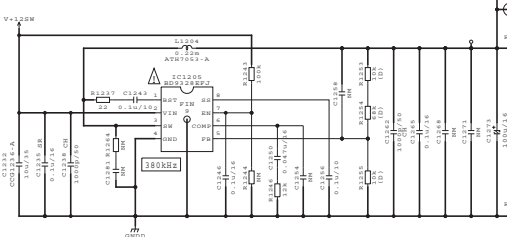
Regulator
5V -> 3.3V (D)



DC-DC Converter
12V -> 5V (D)



DC-DC Converter
12V -> 7.9V (A)



NOTES

- SW STBY
- RS1/1608**+D
- RS1/1058**+D
- (D) RS1/1658**+D
- RS1/1058**+D
- SA RS1/45A**+D
- SG RS1/85G**+D
- RS RS1/1658**+D
- CS RS2V**+*
- CS RS3V**+*
- CS RS4V**+*
- CS RS5V**+*
- CS RS6V**+*
- CS RS7V**+*
- CS RS8V**+*
- CS RS9V**+*
- CS RS10V**+*
- CS RS11V**+*
- CS RS12V**+*
- CS RS13V**+*
- CS RS14V**+*
- CS RS15V**+*
- CS RS16V**+*
- CS RS17V**+*
- CS RS18V**+*
- CS RS19V**+*
- CS RS20V**+*
- CS RS21V**+*
- CS RS22V**+*
- CS RS23V**+*
- CS RS24V**+*
- CS RS25V**+*
- CS RS26V**+*
- CS RS27V**+*
- CS RS28V**+*
- CS RS29V**+*
- CS RS30V**+*
- CS RS31V**+*
- CS RS32V**+*
- CS RS33V**+*
- CS RS34V**+*
- CS RS35V**+*
- CS RS36V**+*
- CS RS37V**+*
- CS RS38V**+*
- CS RS39V**+*
- CS RS40V**+*
- CS RS41V**+*
- CS RS42V**+*
- CS RS43V**+*
- CS RS44V**+*
- CS RS45V**+*
- CS RS46V**+*
- CS RS47V**+*
- CS RS48V**+*
- CS RS49V**+*
- CS RS50V**+*
- CS RS51V**+*
- CS RS52V**+*
- CS RS53V**+*
- CS RS54V**+*
- CS RS55V**+*
- CS RS56V**+*
- CS RS57V**+*
- CS RS58V**+*
- CS RS59V**+*
- CS RS60V**+*
- CS RS61V**+*
- CS RS62V**+*
- CS RS63V**+*
- CS RS64V**+*
- CS RS65V**+*
- CS RS66V**+*
- CS RS67V**+*
- CS RS68V**+*
- CS RS69V**+*
- CS RS70V**+*
- CS RS71V**+*
- CS RS72V**+*
- CS RS73V**+*
- CS RS74V**+*
- CS RS75V**+*
- CS RS76V**+*
- CS RS77V**+*
- CS RS78V**+*
- CS RS79V**+*
- CS RS80V**+*
- CS RS81V**+*
- CS RS82V**+*
- CS RS83V**+*
- CS RS84V**+*
- CS RS85V**+*
- CS RS86V**+*
- CS RS87V**+*
- CS RS88V**+*
- CS RS89V**+*
- CS RS90V**+*
- CS RS91V**+*
- CS RS92V**+*
- CS RS93V**+*
- CS RS94V**+*
- CS RS95V**+*
- CS RS96V**+*
- CS RS97V**+*
- CS RS98V**+*
- CS RS99V**+*
- CS RS100V**+*

The check point for service.
(Legend silk indication on the PCB.)

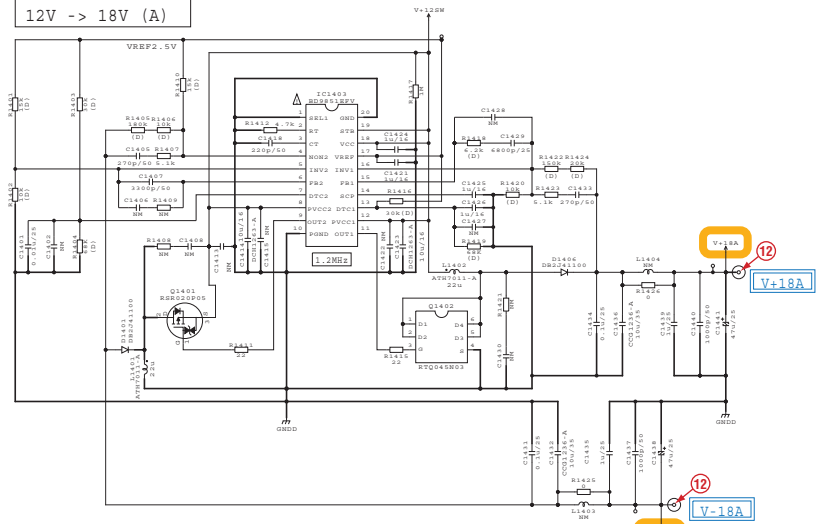
	High Value	Low Value
V+3R3D	4.72V	---
V+1R2D	2.18V	---
V+15A	---	9.80V
V+3R3A	4.73V	---

小印の部品は、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。
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.

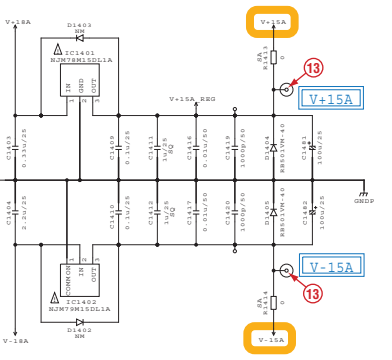
DDJ-SZ2

AF 3/15 MAIN ASSY (DWX3953)
POWER2 BLOCK

DC-DC Converter
12V → 18V (A)



Regulator
+18V (A) → +15V (A)



Regulator
-18V (A) → -15V (A)

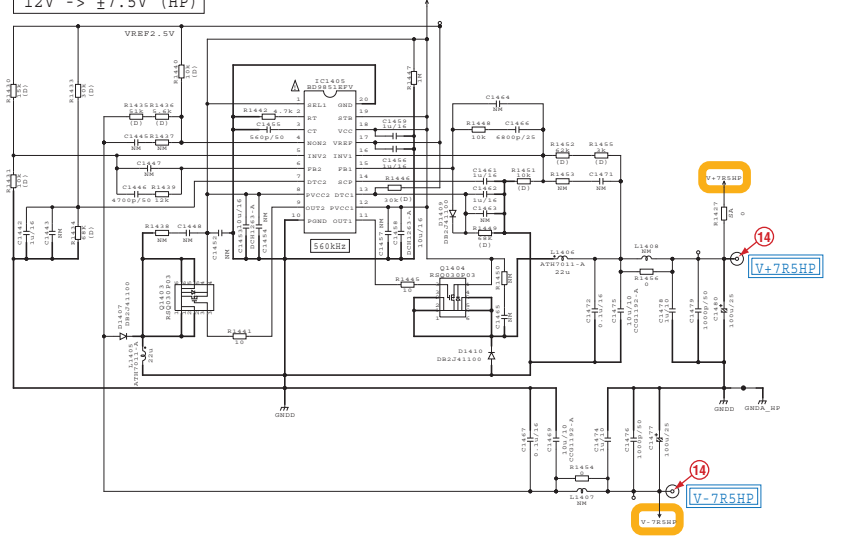
The check point for service.
(Legend silk indication on the PCB.)

△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。
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.

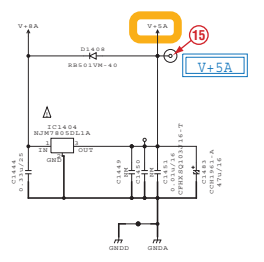
NOTES

- ① 1 = STBY
- ② R01/16SR***J
R01/10SR***J
R01/10SR***D
- ③ R01/16SR***P
R01/40A***J
R01/80Q***D
R01/16SR***D
- ④ C02SC0***
C02SC0***
C02SC0***
C02SC0***
- ⑤ C02QV0***K
C02QV0***K
- ⑥ C02V***M

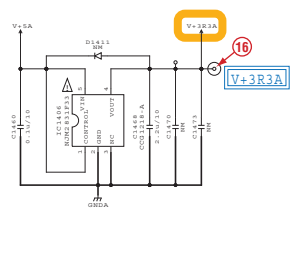
DC-DC Converter
12V → ±7.5V (HP)



Regulator
7.9V (A) → 5V (A)

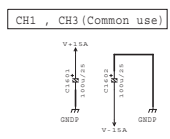
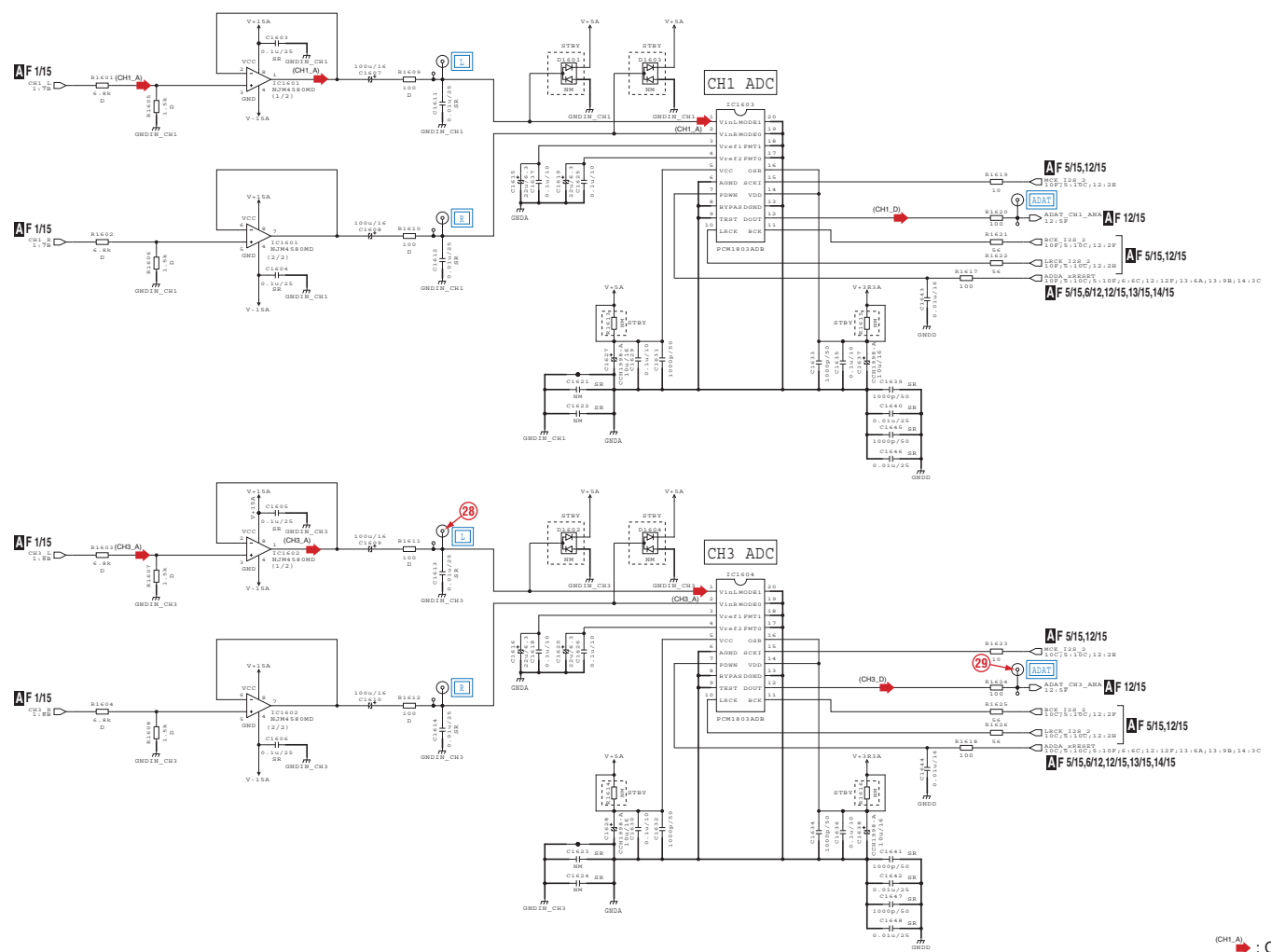


Regulator
5V (A) → 3.3V (A)



DDJ-SZ2

A F 4/15 MAIN ASSY (DWX3953)
CH1 CH3 ADC BLOCK

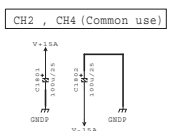
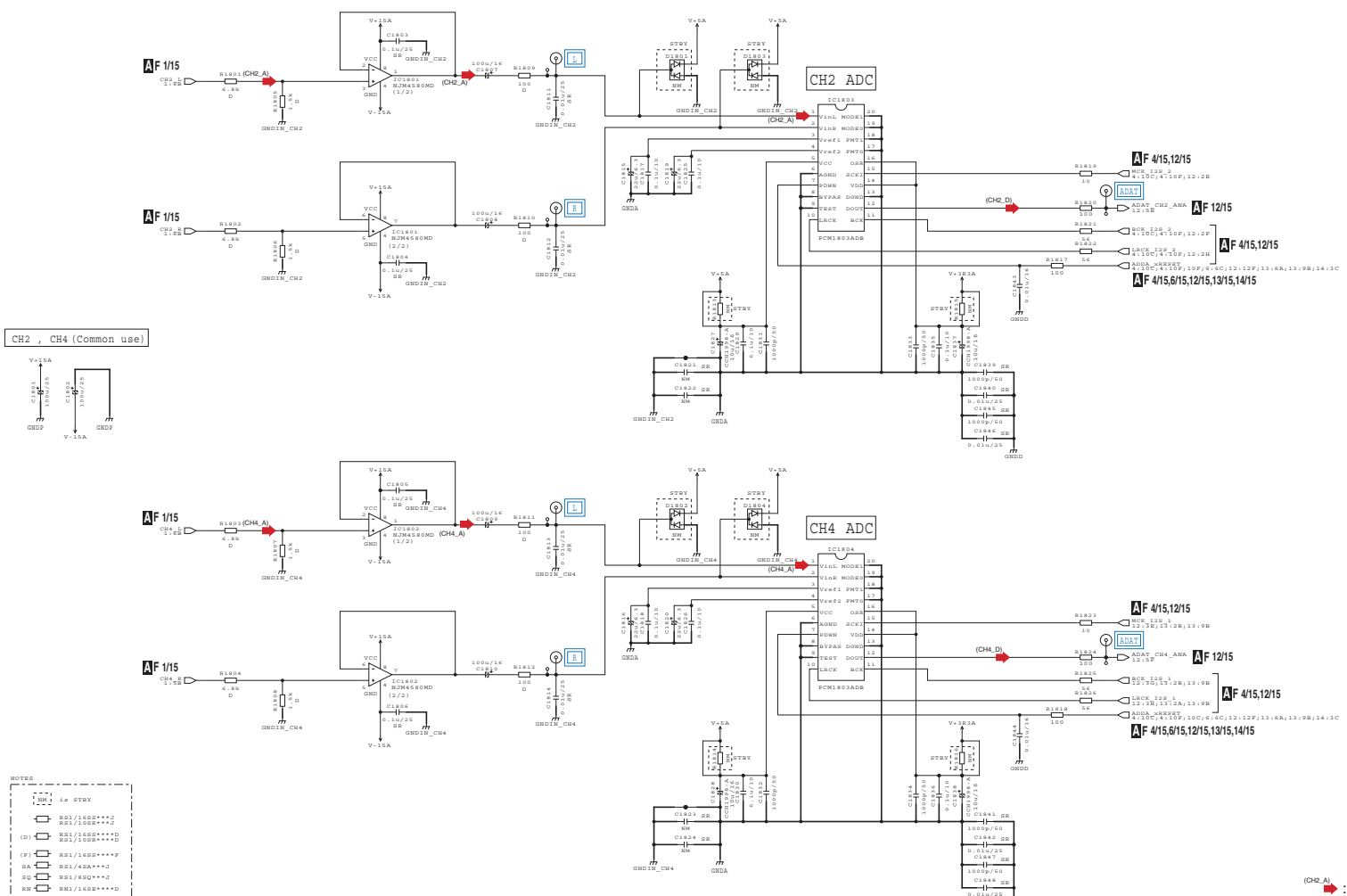


- NOTES
- *** 1# STBY
 - RS1/1GR***J
 - RS1/2GR***J
 - (D) RS1/3GR***D
 - (P) RS1/3GR***D
 - SA RS1/4SA***J
 - SQ RS1/5SQ***J
 - SR RS1/3CR***D
 - CSBCH***
 - CSBCH***
 - CSBVB***K
 - CSBVB***K
 - CSBVB***H
- The check point for service.
 (Legend silk indication on the PCB.)

- (CH1_A) : CH1 Audio Signal (L ch)
- (CH3_A) : CH3 Audio Signal (L ch)
- (CH1_D) : CH1 DIGITAL Signal
- (CH3_D) : CH3 DIGITAL Signal

DDJ-SZ2

A F 5/15 MAIN ASSY (DWX3953)
CH2 CH4 ADC BLOCK

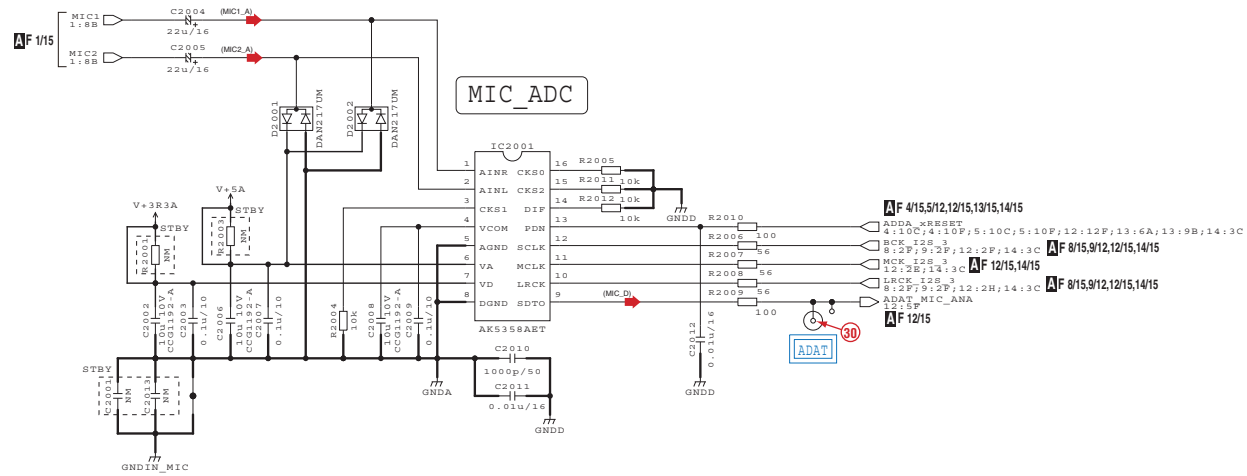


- NOTES**
- STBY
 - R11/15S***J
 - R11/15S***D
 - R11/15S***D
 - R11/15S***F
 - R11/45A***D
 - R11/80A***D
 - R11/15S***D
 - CC5S0***
 - CC5V0***
 - CC5V0***
 - CK5V***
 - CK5V0***
 - CK5V***

The check point for service.
(Legend silk indication on the PCB)

- (CH2_A) : CH2 Audio Signal (L ch)
- (CH4_A) : CH4 Audio Signal (L ch)
- (CH2_D) : CH2 DIGITAL Signal
- (CH4_D) : CH4 DIGITAL Signal

AF 6/15 MAIN ASSY (DWX3953)
MIC ADC BLOCK



- NOTES
- NM --- i= STBY
 - R1/16SS***J
R1/10SR***J
 - (D) □ R1/16SS***D
R1/10SR***D
 - (F) □ R1/16SS***F
 - SA □ R1/48A***J
 - SO □ R1/8SO***J
 - RN □ RN1/16SS***D
 - CSRSCH***
CSRSCH***
CKSSVB***
CKSRVB***
 - s --- CKSYB***K
 - SO --- CKSQYB***K
 - CEVN***M

○ The check point for service.
 (Legend silk indication on the PCB.)

- (MIC1 AI) : MIC1 Audio Signal
- (MIC2 AI) : MIC1 Audio Signal
- (MIC DI) : MIC DIGITAL Signal

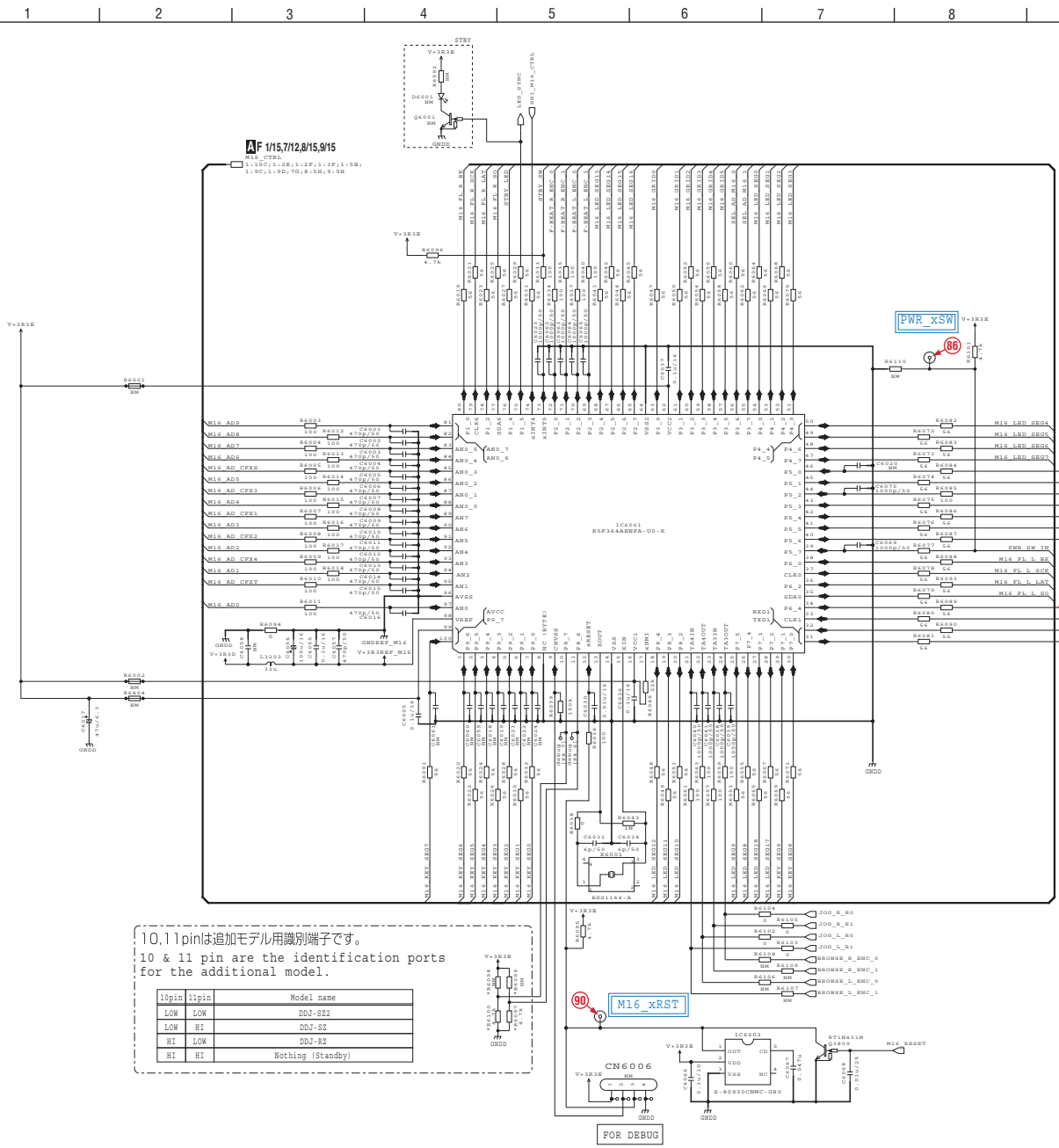
DDJ-SZ2

A F 7/15 MAIN ASSY (DWX3953)
M16 BLOCK

In this manual, the same reference numbers are allotted to the electrical parts of the Assy indicated below. Be sure to confirm the Assy name, as well as the reference number.

ASSY names: MAIN (DWX3953), DEUP (DWX3961), and PADR (DWX3583);
Overlapped numbers: 6000s

※ASSY間でリファレンスの重なりあり。
ASSY: MAIN (DWX3953)・DEUP (DWX3961)・PADR (DWX3583)
重なっている番号: 6000番台



10.11 pinは追加モデル用識別端子です。
 10 & 11 pin are the identification ports for the additional model.

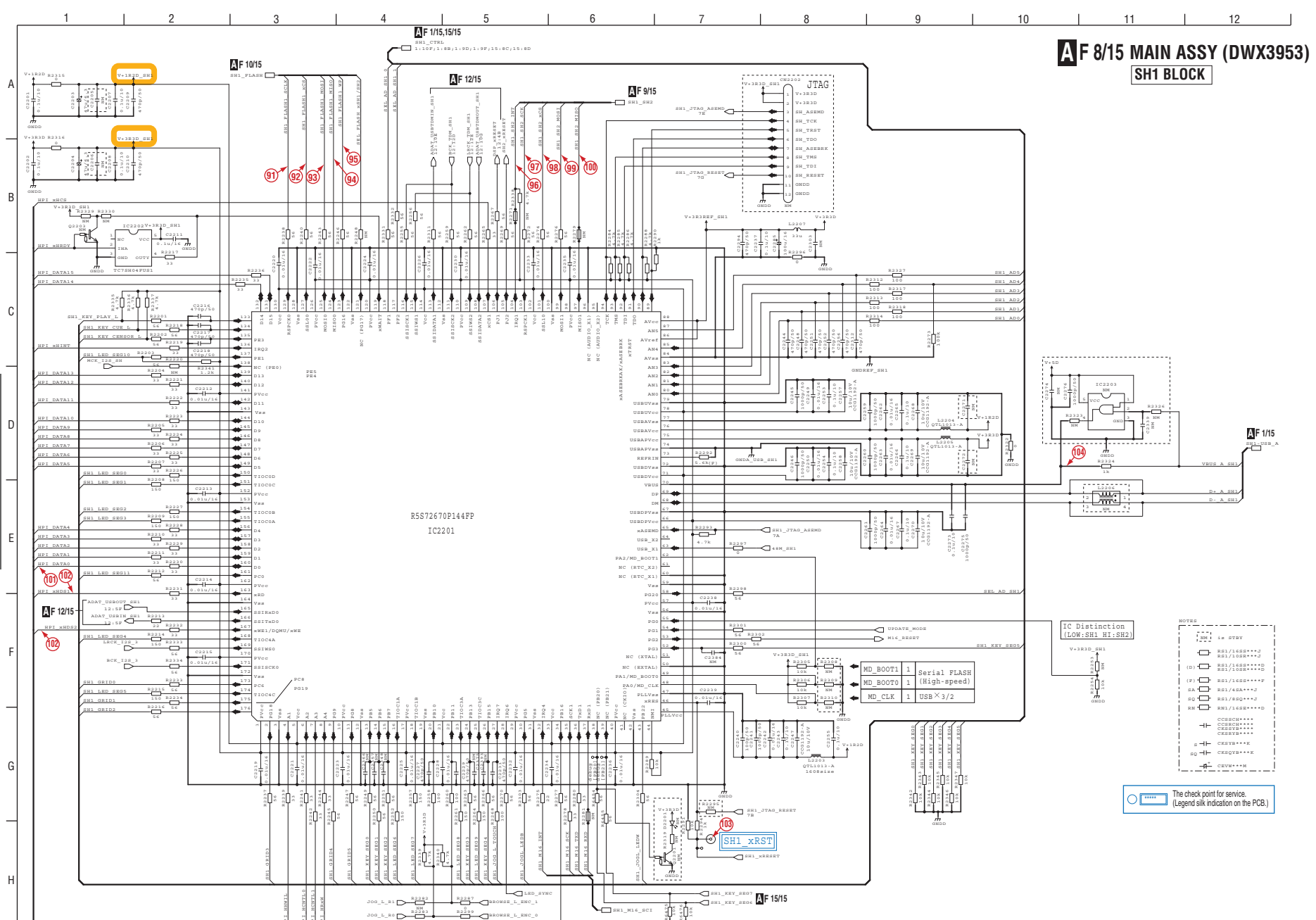
i0pin	i1pin	Model name
LOW	LOW	DDJ-SZ2
LOW	HI	DDJ-S2
HI	LOW	DDJ-S2
HI	HI	Nothing (Standby)

- NOTES
- Lw STBY
 - RSL/SDS***J
 - (D) RSL/SDS***D
 - (P) RSL/SDS***F
 - SA RSL/SDS***J
 - SD RSL/SDS***J
 - SM RSL/SDS***D
 - CDSCH***
 - CDSV***
 - CDSV***K
 - CDSV***K
 - CDSV***M

○ **** The check point for service.
 (Legend silk indication on the PCB.)

DDJ-SZ2

AF 8/15 MAIN ASSY (DWX3953) SH1 BLOCK



IC Distinction (LOW:SH1 HI:SH2)

NOTE

- [Symbol] = STBY
- [Symbol] RS1/1GSD**J
- [Symbol] RS1/1GSD**J2
- [Symbol] RS1/1GSD**J3
- [Symbol] RS1/1GSD**P
- [Symbol] RS1/1GSD**J4
- [Symbol] RS1/1GSD**D
- [Symbol] RS1/1GSD**D2
- [Symbol] RS1/1GSD**D3
- [Symbol] RS1/1GSD**K
- [Symbol] CEM***K

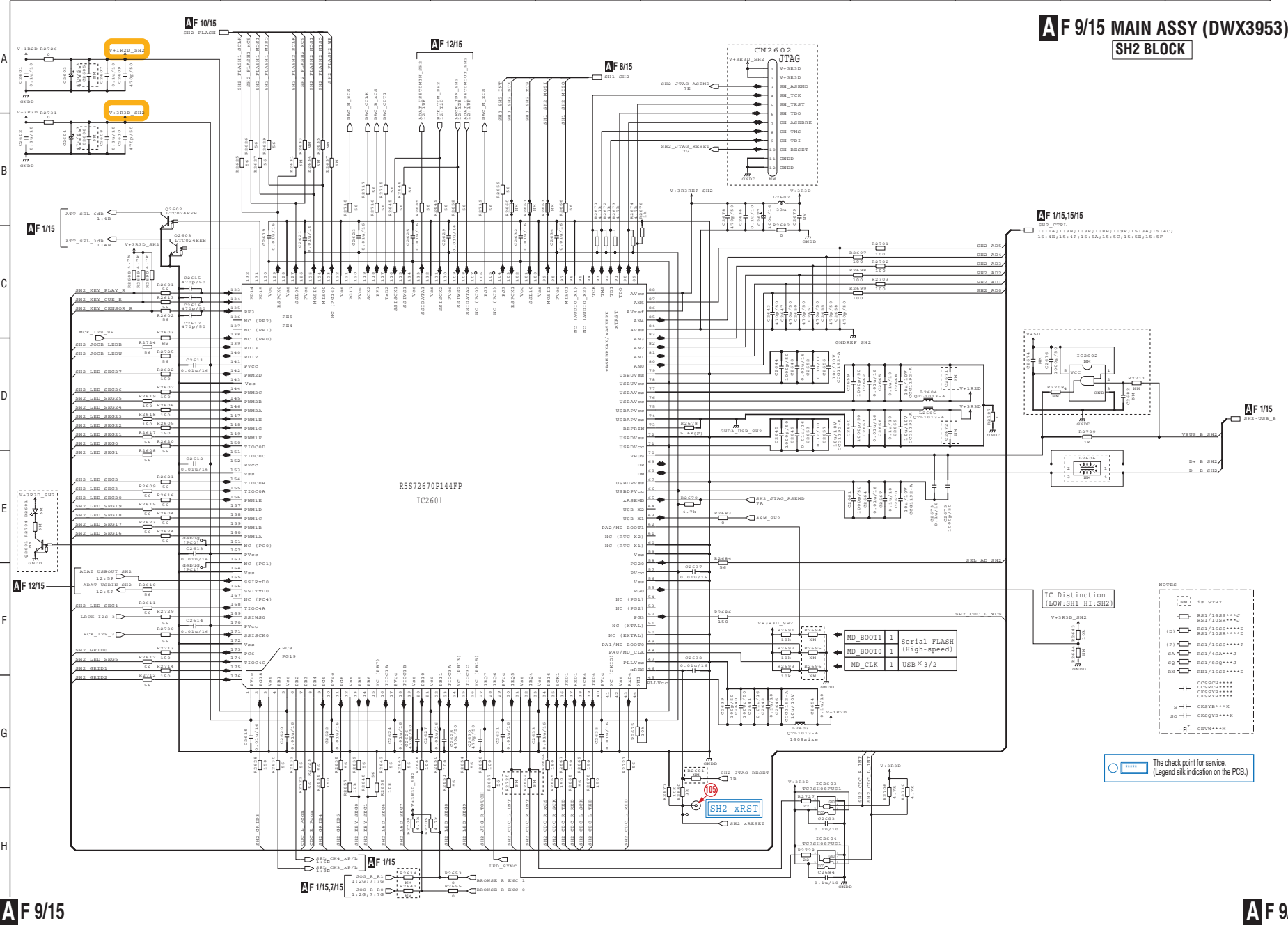
[Symbol] The check point for service.
(Legend silk indication on the PCB)

DDJ-SZ2

12
1
2
3
4
A
B
C
D
E
F
G
H

10.10 MAIN ASSY (9/15)

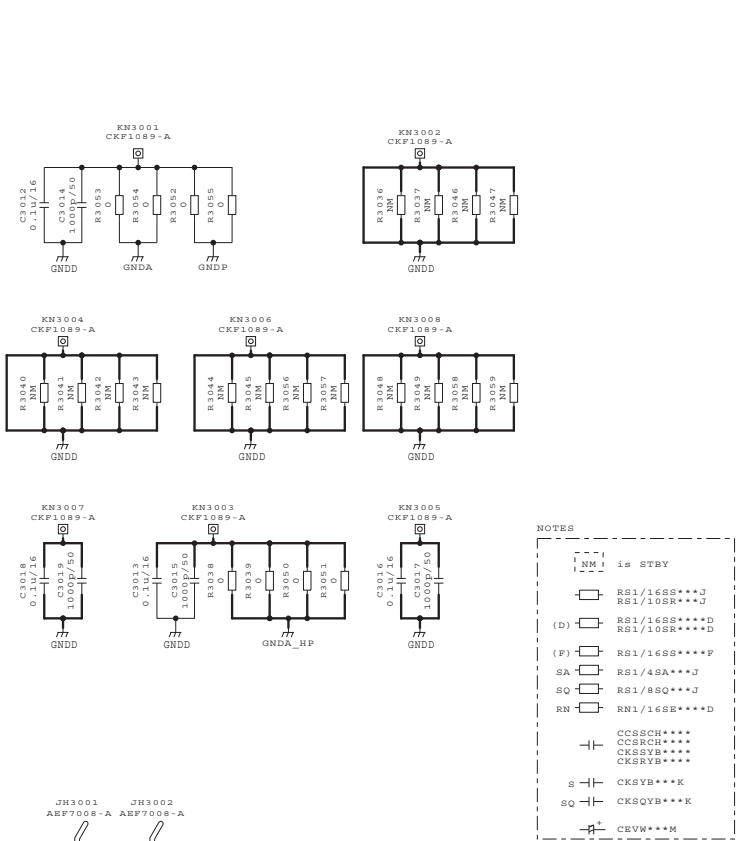
DDJ-SZ2



13 AF 9/15

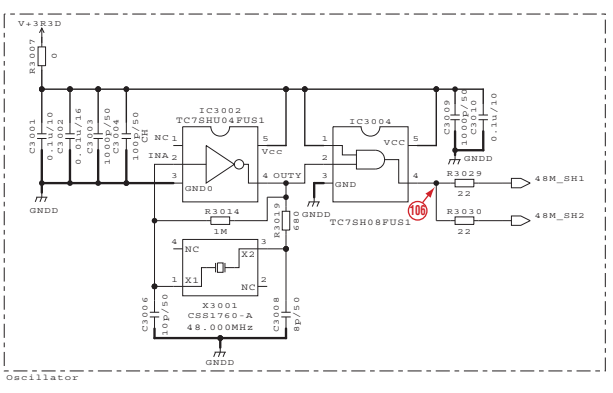
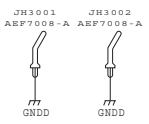
AF 9/15

AF 10/15 MAIN ASSY (DWX3953)
FLASH/USB_CLK BLOCK



DDJ-SZ2

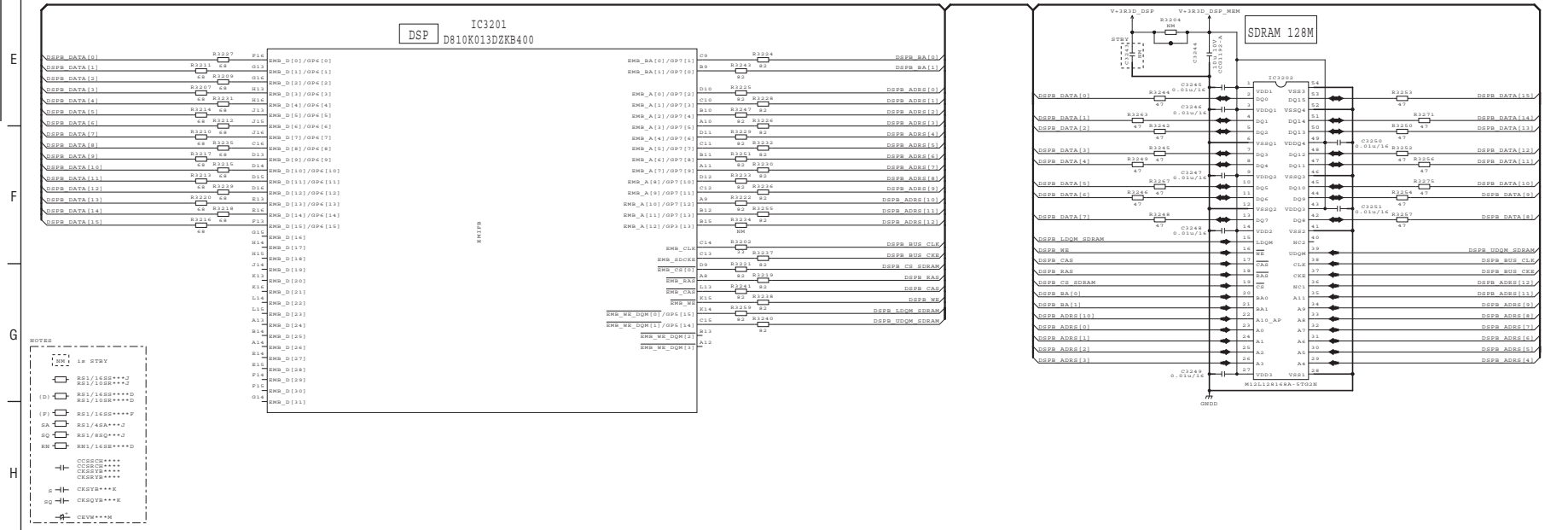
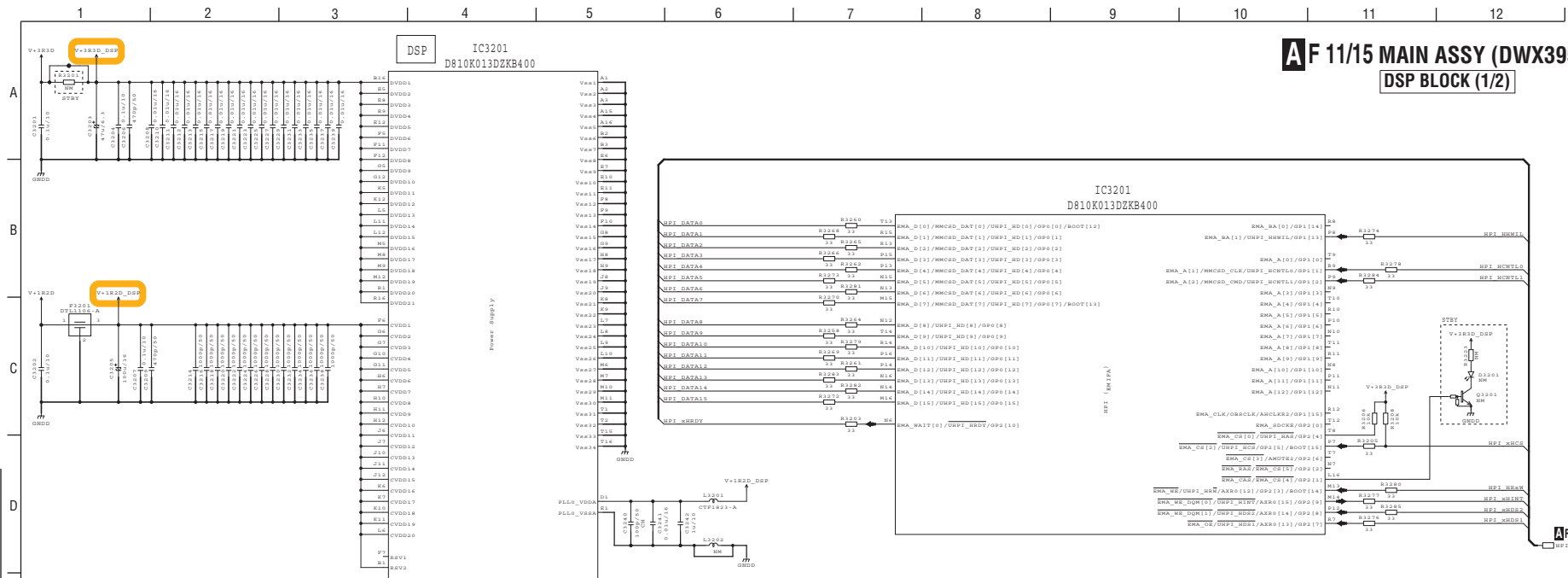
- NOTES
- is STBY
 - R81/16SS***J
 - R81/10SR***J
 - (D) R81/16SS***D
 - R81/10SR***D
 - (F) R81/16SS***F
 - SA R81/48A***J
 - SO R81/8SQ***J
 - RN RN1/16SE***D
 - CCSSCH***
 - CCSRCH***
 - CKSYB***
 - CKSYB***K
 - CKSQYB***K
 - CEVN***M



AF 10/15

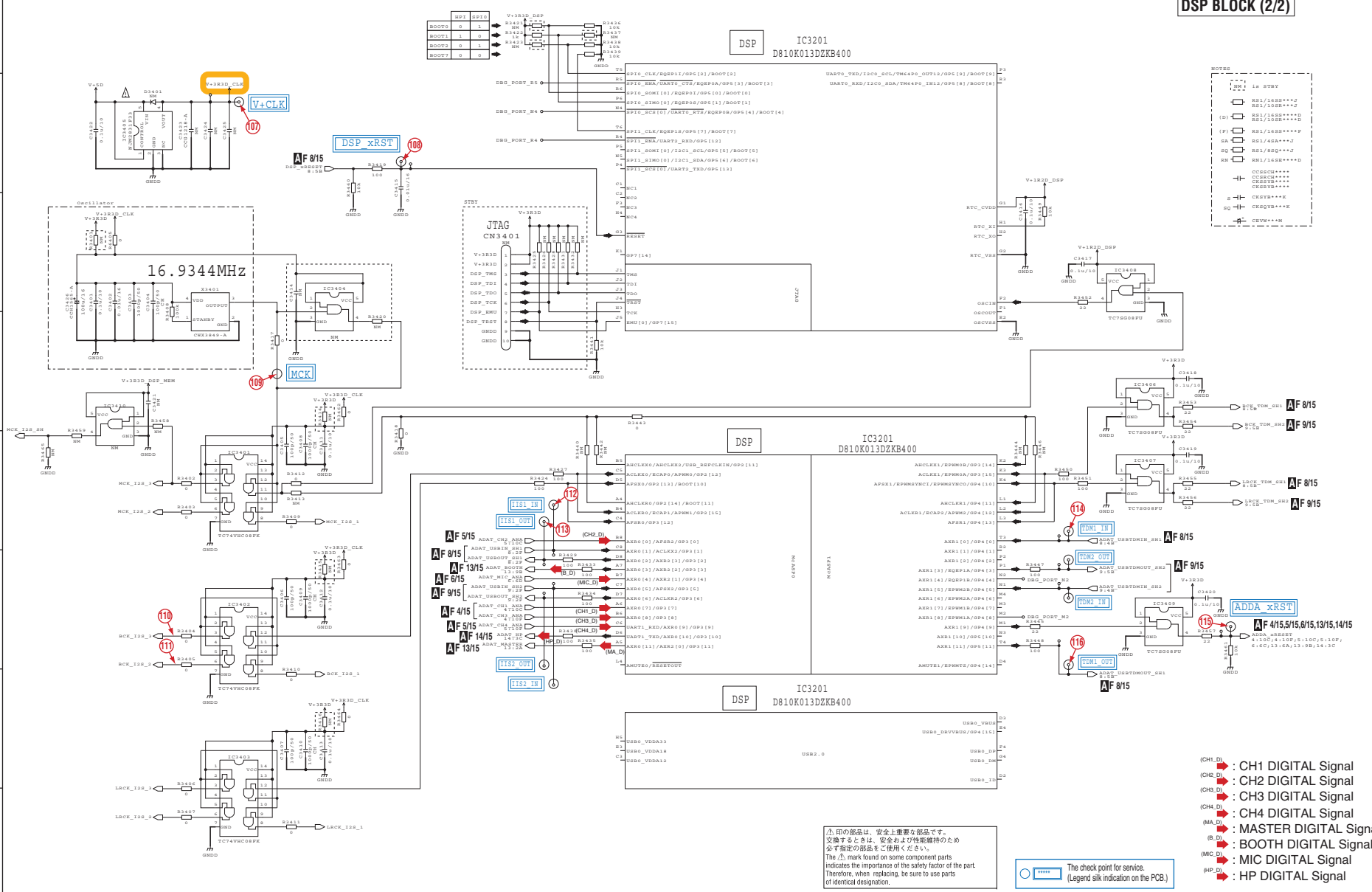
AF 10/15

AF 11/15 MAIN ASSY (DWX3953) DSP BLOCK (1/2)



DDU-SZ2

A F 12/15 MAIN ASSY (DWX3953)
DSP BLOCK (2/2)



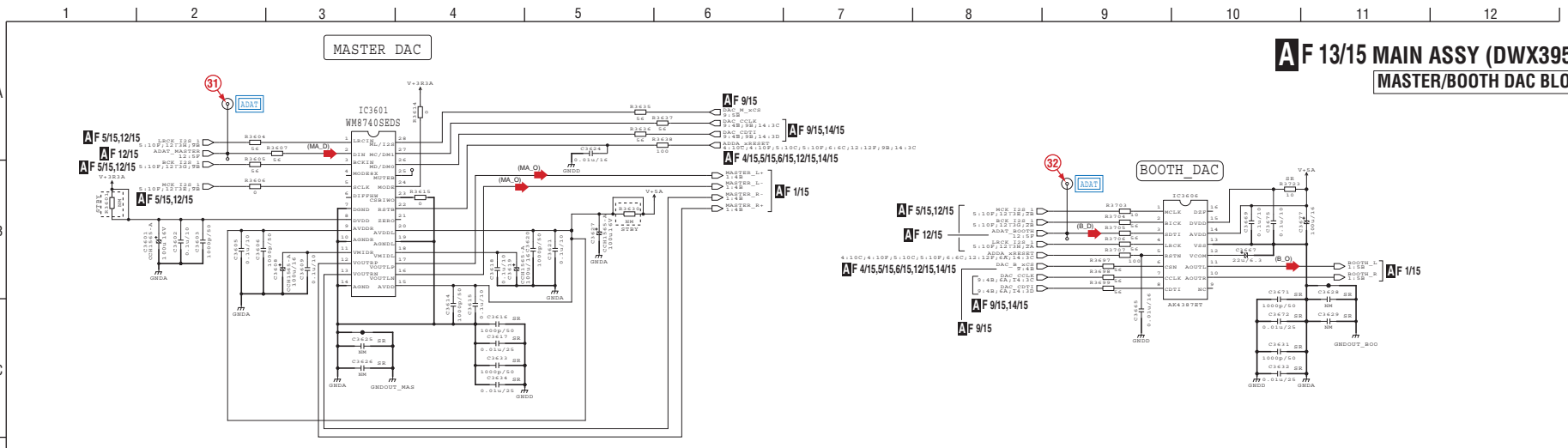
- NOTES
- ① DM+ 1x STBY
 - ② R31/165E***J
 - ③ R32/165E***J
 - ④ R31/165E***F
 - ⑤ R32/165E***F
 - ⑥ R31/800***J
 - ⑦ R32/165E***D
 - ⑧ R31/165E***D
 - ⑨ C655C***
 - ⑩ C655E***
 - ⑪ C655F***
 - ⑫ C655G***
 - ⑬ C655H***
 - ⑭ C655I***
 - ⑮ C655J***
 - ⑯ C655K***
 - ⑰ C655L***
 - ⑱ C655M***
 - ⑲ C655N***
 - ⑳ C655O***
 - ㉑ C655P***
 - ㉒ C655Q***
 - ㉓ C655R***
 - ㉔ C655S***
 - ㉕ C655T***
 - ㉖ C655U***
 - ㉗ C655V***
 - ㉘ C655W***
 - ㉙ C655X***
 - ㉚ C655Y***
 - ㉛ C655Z***

△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。
 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.

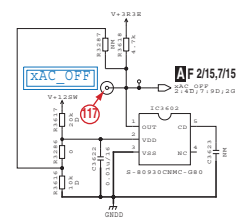
○印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
 The check point for service. (Legend silk indication on the PCB.)

- (CH1_D) : CH1 DIGITAL Signal
- (CH2_D) : CH2 DIGITAL Signal
- (CH3_D) : CH3 DIGITAL Signal
- (CH4_D) : CH4 DIGITAL Signal
- (MA_D) : MASTER DIGITAL Signal
- (B_D) : BOOTH DIGITAL Signal
- (MC_D) : MIC DIGITAL Signal
- (HP_D) : HP DIGITAL Signal

A F 13/15 MAIN ASSY (DWX3953)
MASTER/BOOTH DAC BLOCK



POWER DOWN DETECTION CIRCUIT



NOTES

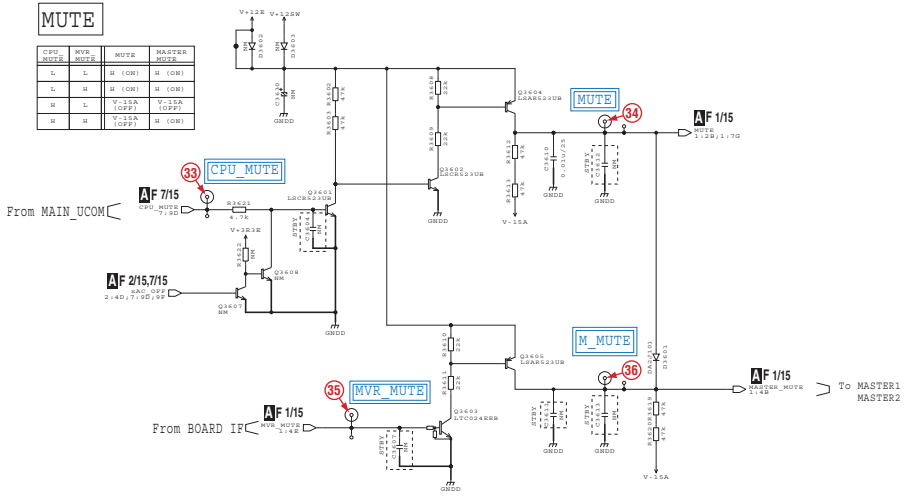
120	1W STBY
□	RS1/16S****
(D)	RS1/16S****
(F)	RS1/16S****
SA	RS1/ASA****
SO	RS1/RSQ****
SM	RS1/16S****
+	CS2S****
+	CS2S****
+	CS2S****
+	CS2S****
+	CS2S****
+	CS2S****
+	CS2S****
+	CS2S****

- (MA,D) : MASTER DIGITAL Signal
- (MA,O) : MASTER OUT Signal (L ch)
- (B,D) : BOOTH DIGITAL Signal
- (B,O) : BOOTH OUT Signal (L ch)

○ The check point for service.
 (Legend silk indication on the PCB.)

MUTE

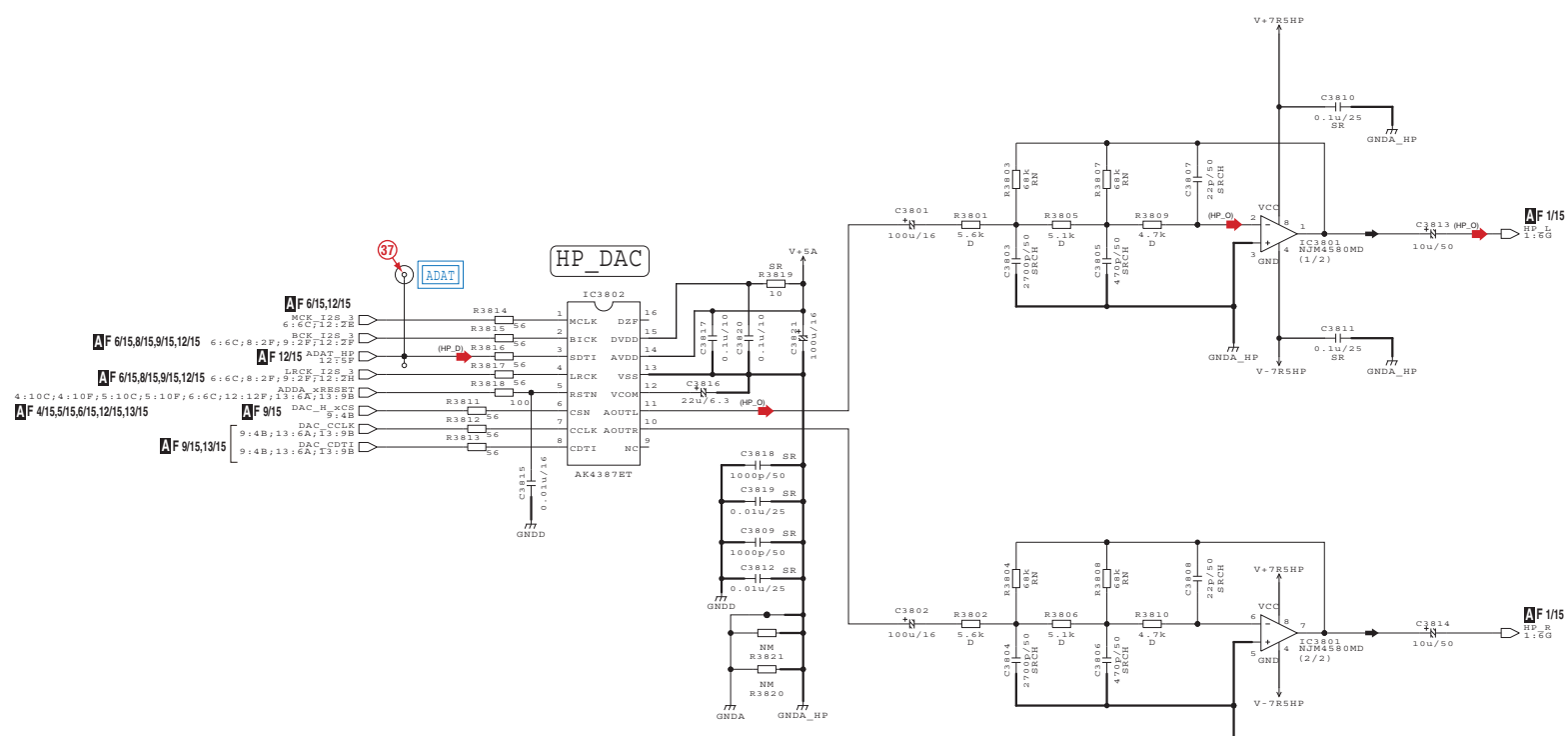
CPU	MVR	MUTE	MASTER
MODE	MODE		MODE
L	L	M (COR)	M (COR)
L	M	M (COR)	M (COR)
M	L	V-35A (OFF)	V-35A (OFF)
M	M	V-35A (OFF)	M (COR)



A F 14/15 MAIN ASSY (DWX3953)
HP OUT BLOCK

18
A
1
B
C
2
D
DDJ-SZ2
E
3
F
G
4
H

1 2 3 4 5 6 7 8 9 10 11 12



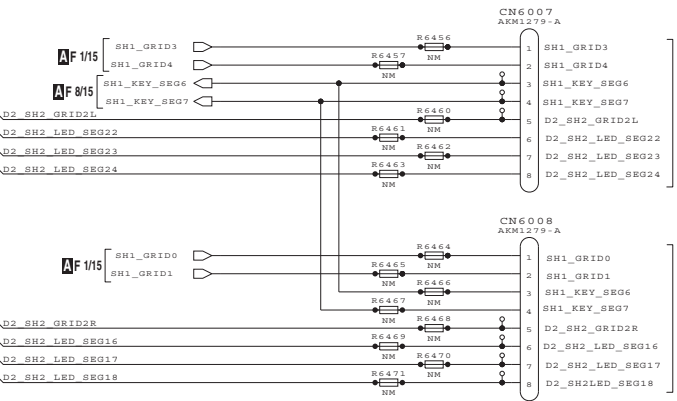
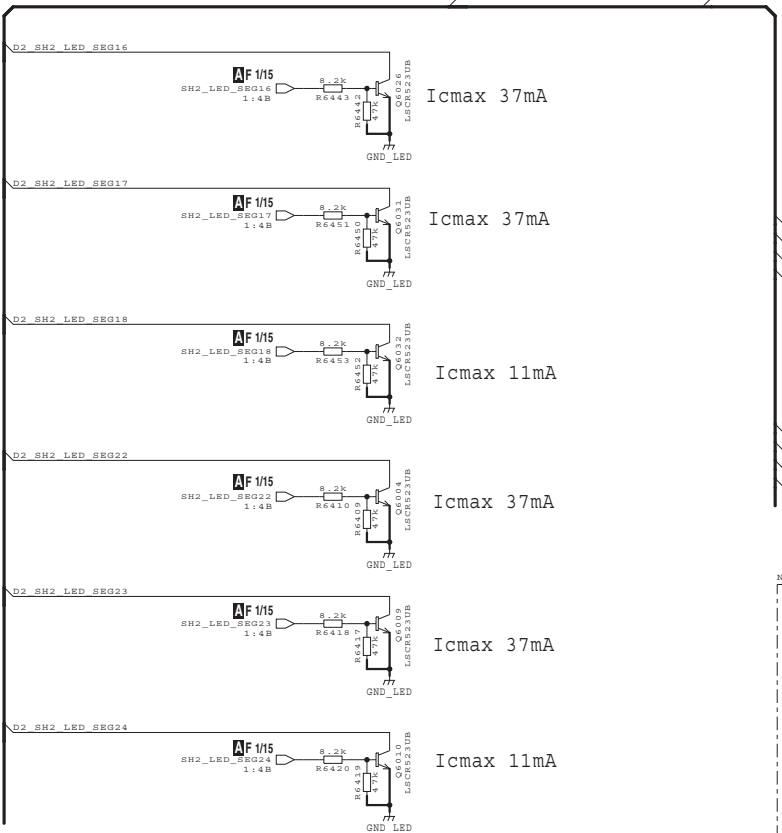
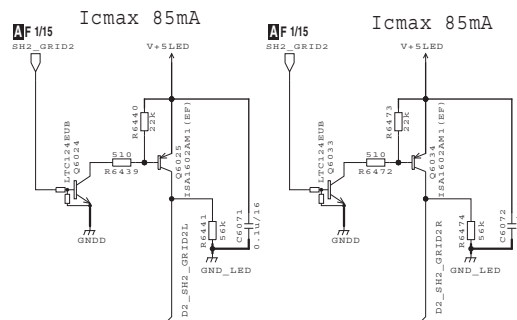
NOTES

□	is STBY
□	R81/16SS***J R81/10SR***J
(D) □	R81/16SS***D R81/10SR***D
(F) □	R81/16SS***F
SA □	R81/4SA***J
SQ □	R81/8SQ***J
BN □	RN1/16SS***D
+	CCSSCH*** CKSSCH*** CKSYB***
s	CKSYB***K
sq	CKSQYB***K
+	CEVU***M

○ The check point for service.
 (Legend silk indication on the PCB.)

(HP_D) : HP DIGITAL Signal
 (HP_O) : HP OUT Signal

AF 15/15 MAIN ASSY (DWX3953)

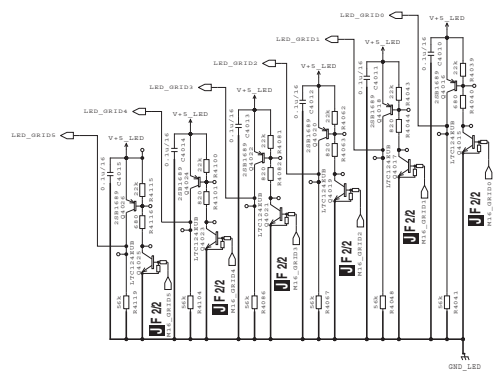
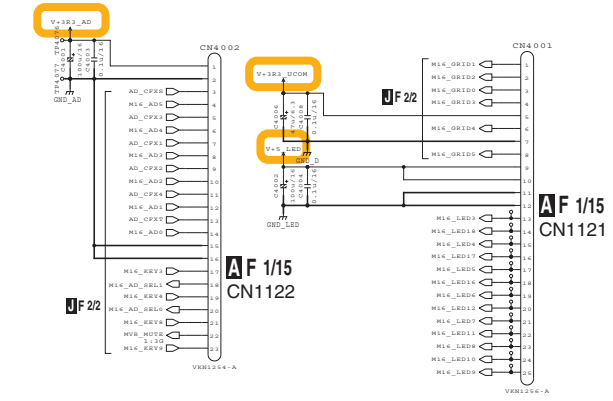


NOTES

- [Symbol] is STBY
- [Symbol] RS1/16SS***J
RS1/10SR***J
- (D) [Symbol] RS1/16SS***D
RS1/10SR***D
- (F) [Symbol] RS1/16SS***F
- SA [Symbol] RS1/48A***J
- SQ [Symbol] RS1/8SQ***J
- RN [Symbol] RN1/16SS***D
- [Symbol] CCSCH***
CCSCH***
CKSYB***
CKSYB***
- s [Symbol] CKSYB***K
- sq [Symbol] CKSYB***K
- [Symbol] CSVN***N

DDJ-SZ2

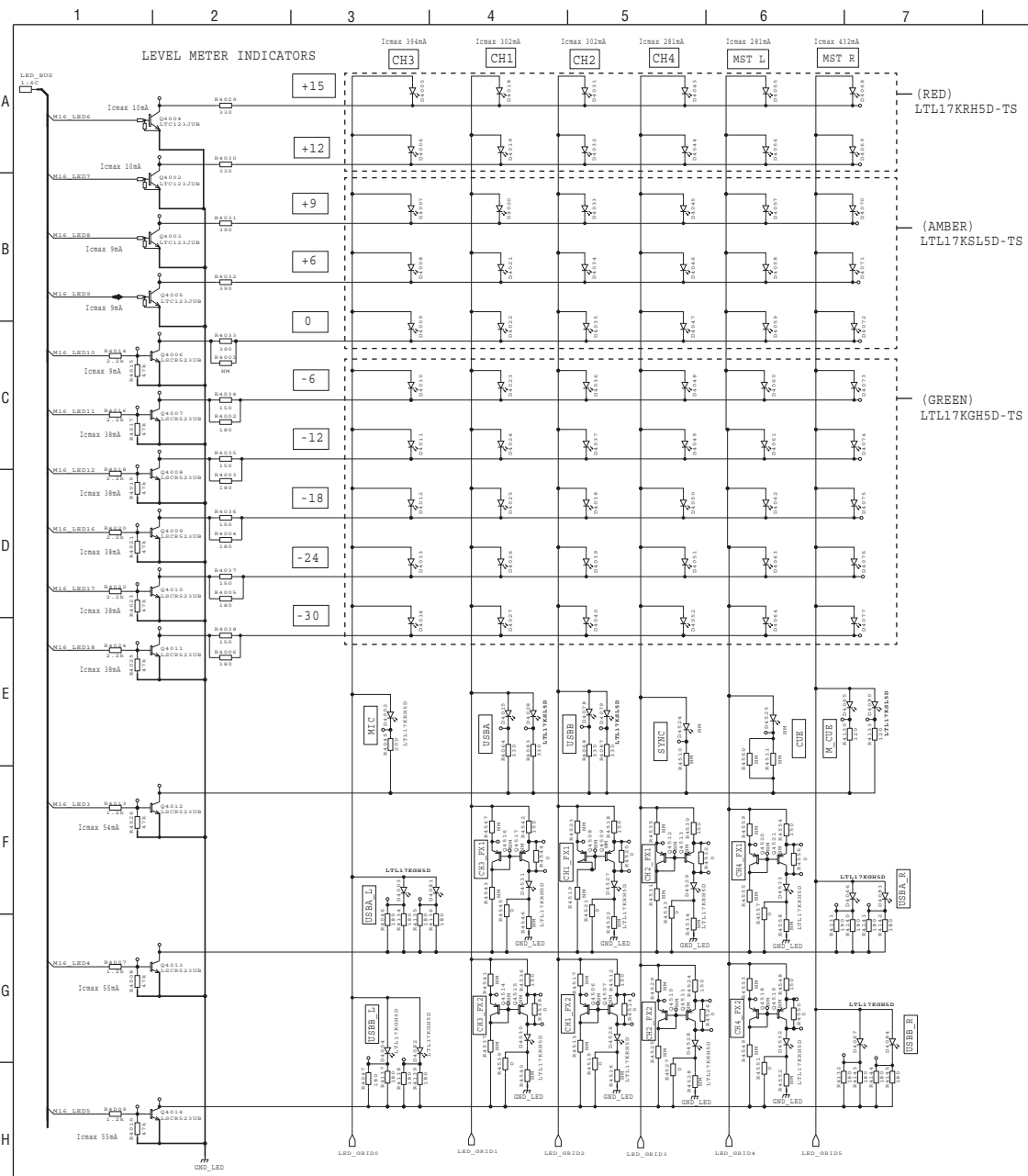
J F 1/2 MXRA ASSY (DWX3954)



NOTES

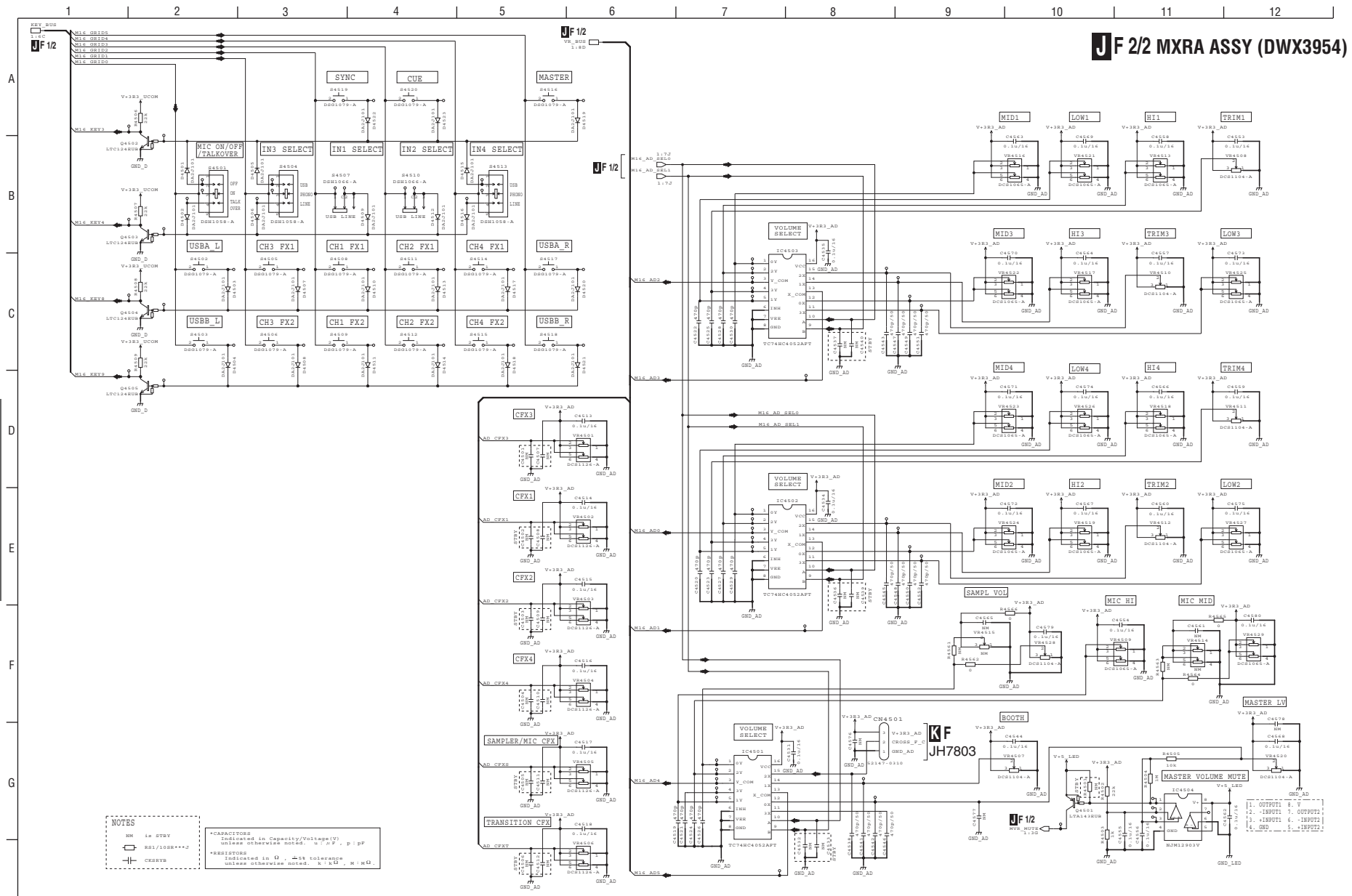
- * CAPACITORS indicated in Capacity/Voltage(V) unless otherwise noted.
- ** RESISTORS indicated in Ω, kΩ tolerance unless otherwise noted. S: S.M. M: M.D.

□ IN 1x50V
 □ RES/100W***
 □ CKERSV
 □ CR20



10.25 MXRA ASSY (2/2)

J F 2/2 MXRA ASSY (DWX3954)



NOTES

RM 1# STBY

RESISTORS Indicated in Ω, k, M unless otherwise noted. U: 7W, P: 5P

CAPACITORS Indicated in Capacity/Voltage (V) unless otherwise noted. U: 7W, P: 5P

RESISTORS Indicated in Ω, k, M tolerance unless otherwise noted. k: 1%, M: 5%

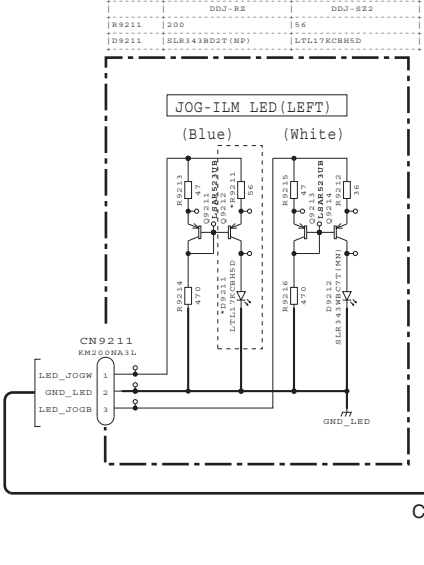
DDJ-SZ2

21

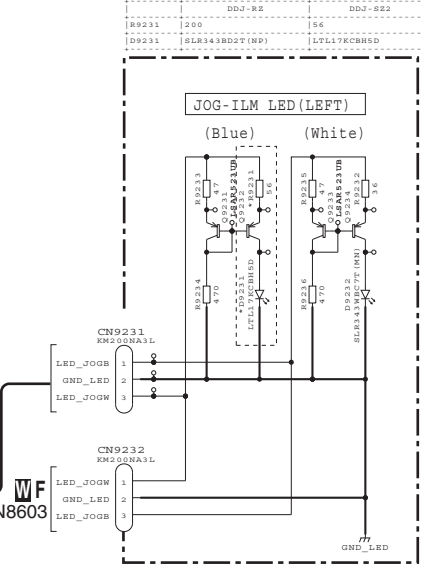
J F 2/2

J F 2/2

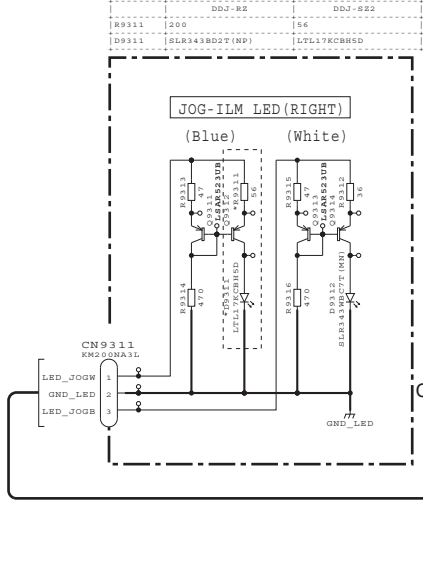
OF JLL1 ASSY (DWX3965)



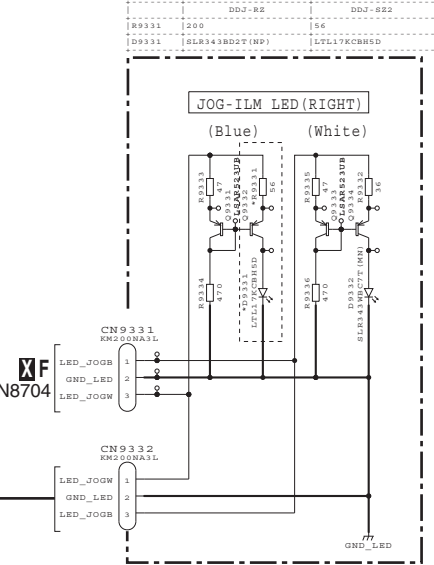
PF JLL2 ASSY (DWX3966)



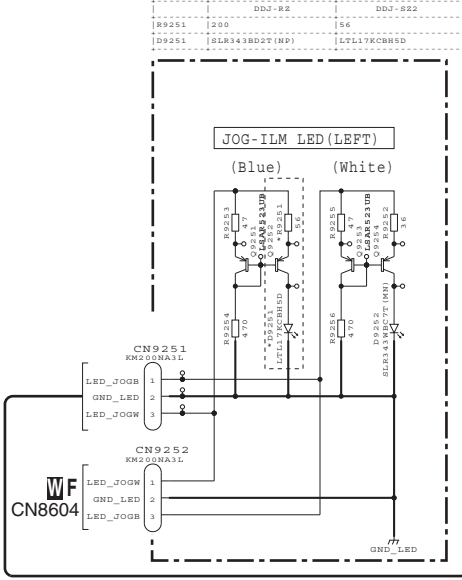
SF JLR1 ASSY (DWX3969)



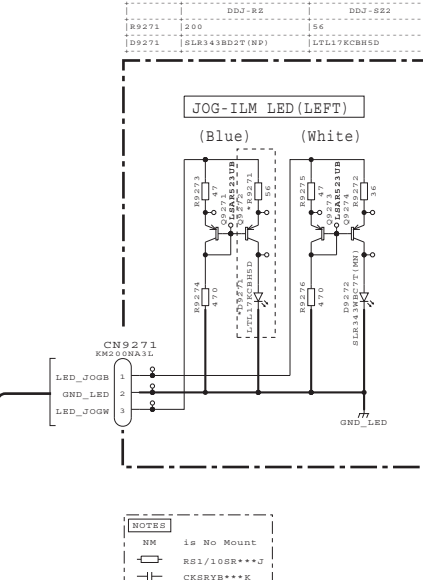
TF JLR2 ASSY (DWX3970)



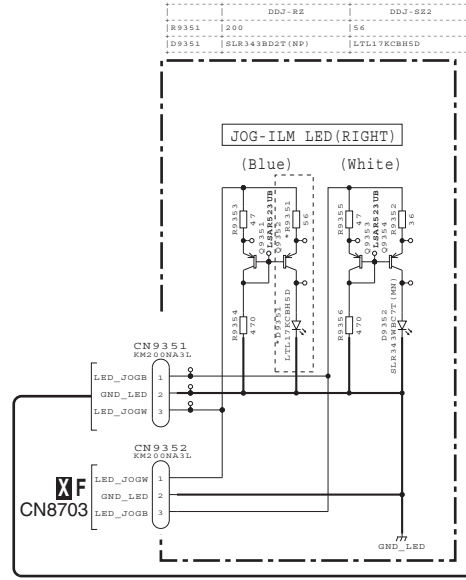
QF JLL3 ASSY (DWX3967)



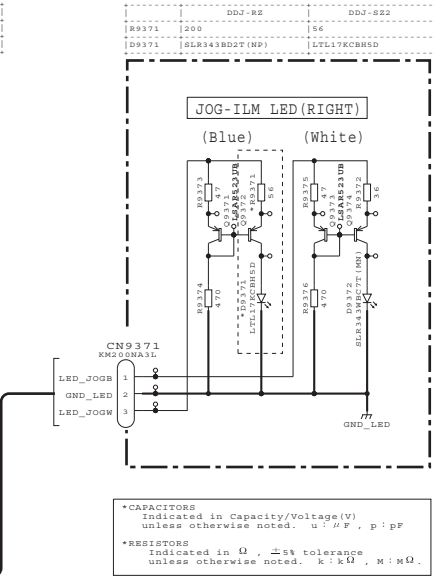
RF JLL4 ASSY (DWX3968)



UF JLR3 ASSY (DWX3971)



VF JLR4 ASSY (DWX3972)



NOTES
 NM is No Mount
 R01/10R***J
 CKR5V***K

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

A

B

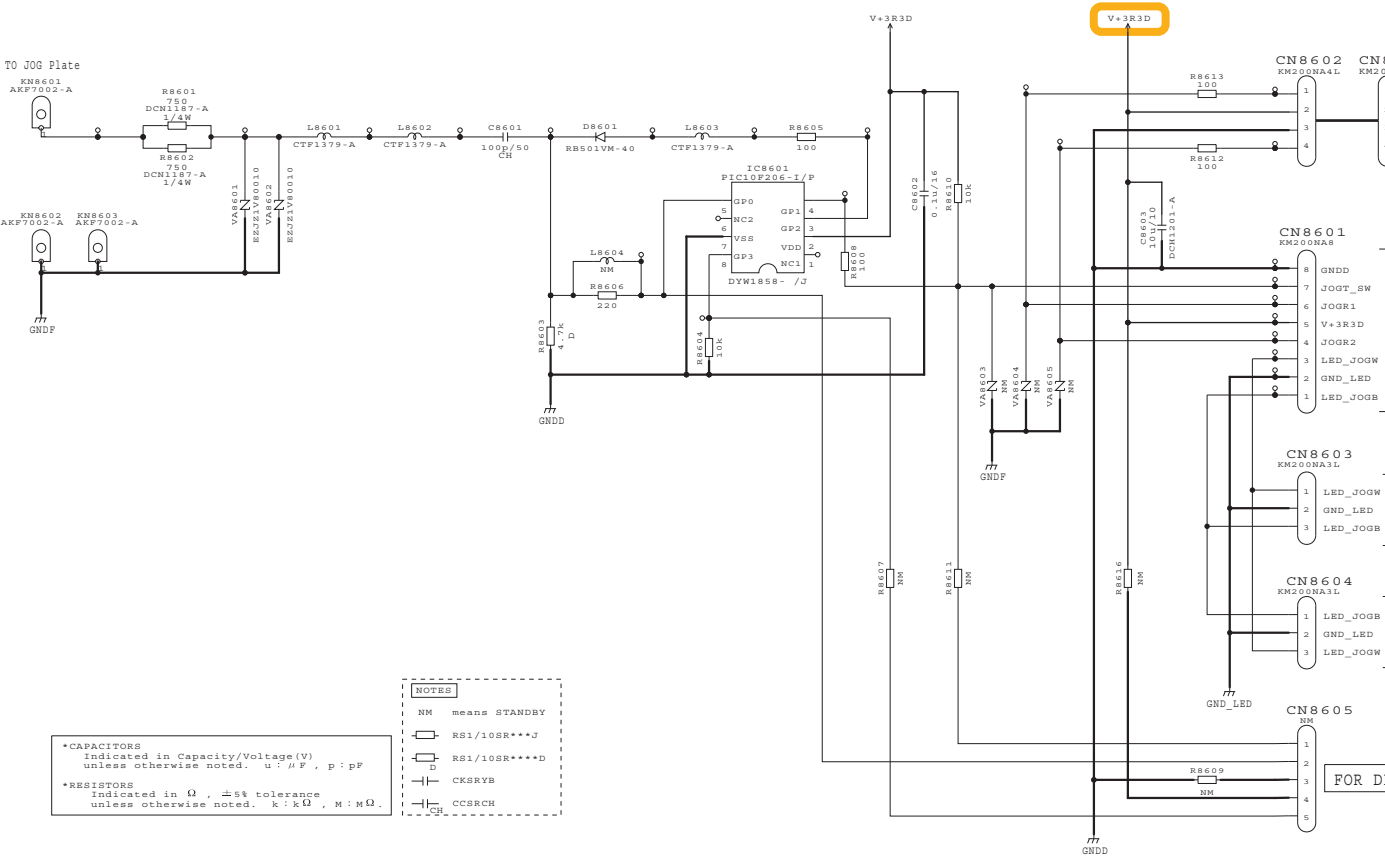
C

D

E

F

WF JOGTL ASSY (DWX3955)



NOTES

NM means STANDBY

RS1/10SR***J

RS1/10SR***D

CKSRYS

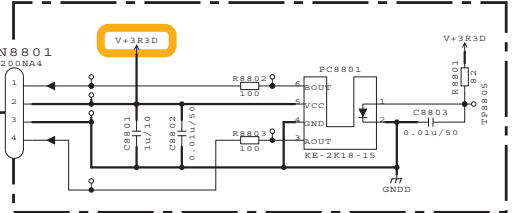
CCSRCH

*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 .

DDJ-SZ2

YF JOGR ASSY (DWX3960)



1

2

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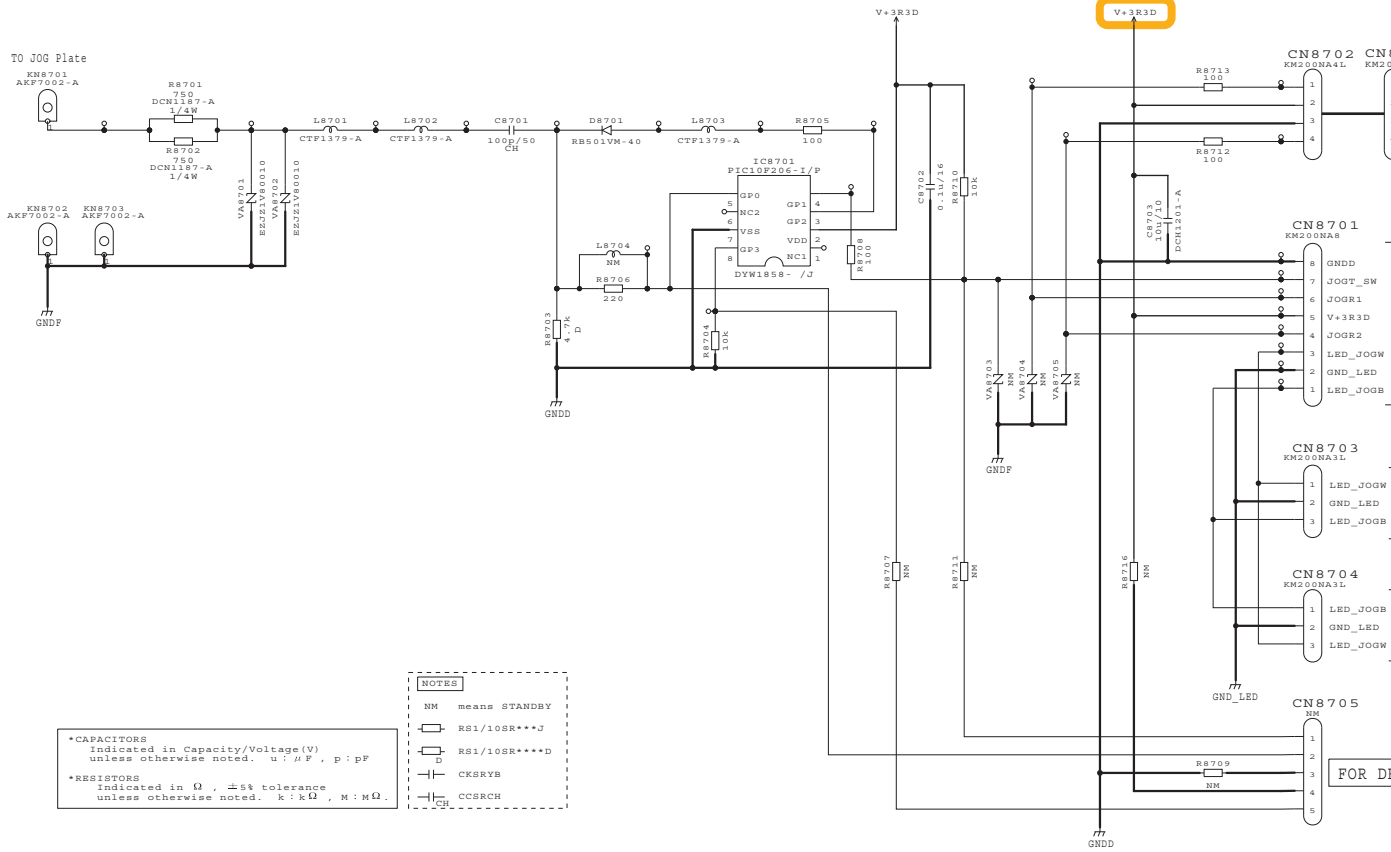
1

2

3

4

X F JOGTR ASSY (DWX3957)



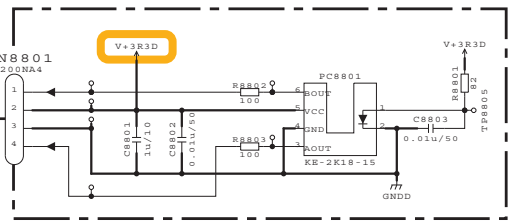
NOTES

- NM means STANDBY
- RS1/10SR***J
- RS1/10SR***D
- CKSBYB
- CCSRCH

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

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

Y F JOGR ASSY (DWX3960)



10.30 JOGTR and JOGR ASSYS

DDJ-SZ2

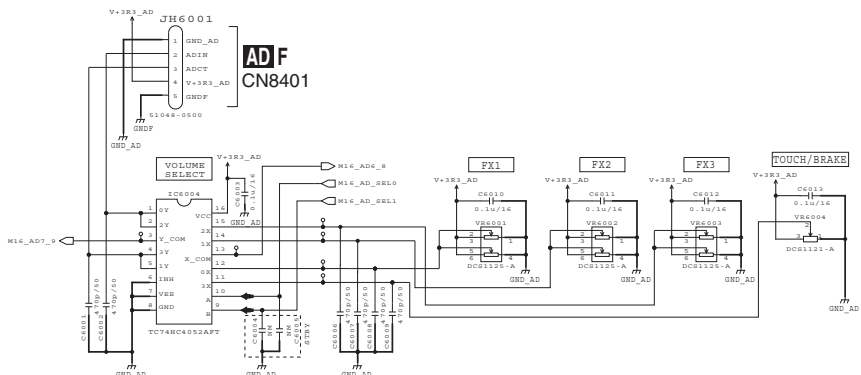
ZF DEUP ASSY (DWX3961)

AA F DEUPR ASSY (DWX3963)

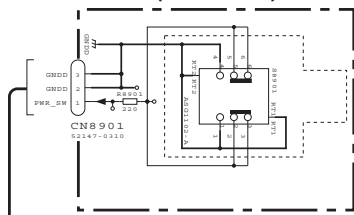
In this manual, the same reference numbers are allotted to the electrical parts of the Assys indicated below. Be sure to confirm the Assy name, as well as the reference number.

ASSY names: MAIN (DWX3953), DEUP (DWX3961), and PADR (DWX3583);
Overlapped numbers: 6,000s

※ASSY間でリファレンスの重なりあり。
ASSY: MAIN (DWX3953)・DEUP (DWX3961)・PADR (DWX3583) 6000番台
重なっている番号: 6000番台



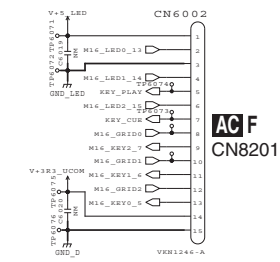
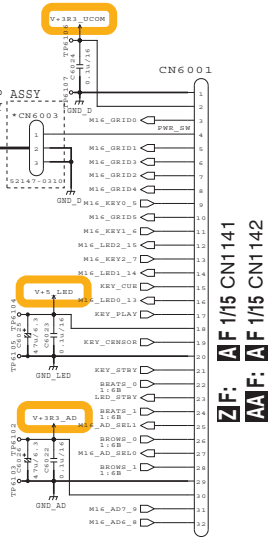
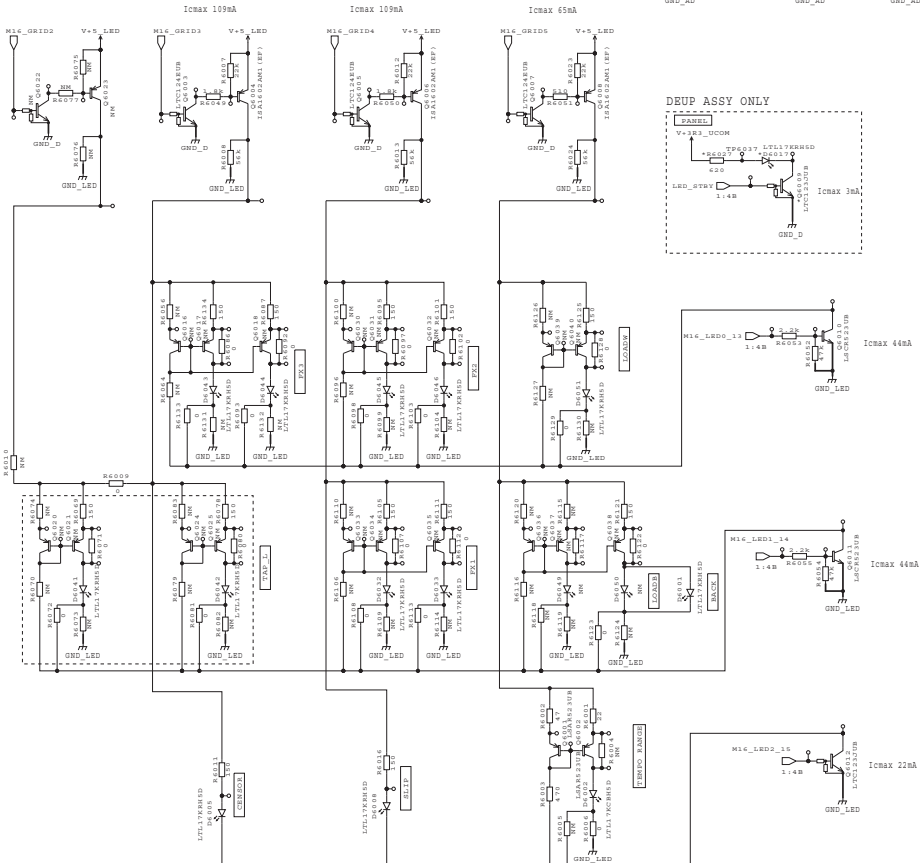
AB F PSWB ASSY (DWX3956)



DEUP ASSY ONLY

DEUP ASSY ONLY

REF	QTY	DECK	DECKER	UNIT
R6001	120	DECK	DECKER	NM
R6002	120	DECK	DECKER	NM
R6003	120	DECK	DECKER	NM
R6004	120	DECK	DECKER	NM
R6005	120	DECK	DECKER	NM
R6006	120	DECK	DECKER	NM
R6007	120	DECK	DECKER	NM
R6008	120	DECK	DECKER	NM
R6009	120	DECK	DECKER	NM
R6010	120	DECK	DECKER	NM
R6011	120	DECK	DECKER	NM
R6012	120	DECK	DECKER	NM
R6013	120	DECK	DECKER	NM
R6014	120	DECK	DECKER	NM
R6015	120	DECK	DECKER	NM
R6016	120	DECK	DECKER	NM
R6017	120	DECK	DECKER	NM
R6018	120	DECK	DECKER	NM
R6019	120	DECK	DECKER	NM
R6020	120	DECK	DECKER	NM
R6021	120	DECK	DECKER	NM
R6022	120	DECK	DECKER	NM
R6023	120	DECK	DECKER	NM
R6024	120	DECK	DECKER	NM
R6025	120	DECK	DECKER	NM
R6026	120	DECK	DECKER	NM
R6027	120	DECK	DECKER	NM
R6028	120	DECK	DECKER	NM
R6029	120	DECK	DECKER	NM
R6030	120	DECK	DECKER	NM
R6031	120	DECK	DECKER	NM
R6032	120	DECK	DECKER	NM
R6033	120	DECK	DECKER	NM
R6034	120	DECK	DECKER	NM
R6035	120	DECK	DECKER	NM
R6036	120	DECK	DECKER	NM
R6037	120	DECK	DECKER	NM
R6038	120	DECK	DECKER	NM
R6039	120	DECK	DECKER	NM
R6040	120	DECK	DECKER	NM
R6041	120	DECK	DECKER	NM
R6042	120	DECK	DECKER	NM
R6043	120	DECK	DECKER	NM
R6044	120	DECK	DECKER	NM
R6045	120	DECK	DECKER	NM
R6046	120	DECK	DECKER	NM
R6047	120	DECK	DECKER	NM
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R6049	120	DECK	DECKER	NM
R6050	120	DECK	DECKER	NM
R6051	120	DECK	DECKER	NM
R6052	120	DECK	DECKER	NM
R6053	120	DECK	DECKER	NM
R6054	120	DECK	DECKER	NM
R6055	120	DECK	DECKER	NM
R6056	120	DECK	DECKER	NM
R6057	120	DECK	DECKER	NM
R6058	120	DECK	DECKER	NM
R6059	120	DECK	DECKER	NM
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R6091	120	DECK	DECKER	NM
R6092	120	DECK	DECKER	NM
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R6095	120	DECK	DECKER	NM
R6096	120	DECK	DECKER	NM
R6097	120	DECK	DECKER	NM
R6098	120	DECK	DECKER	NM
R6099	120	DECK	DECKER	NM
R6100	120	DECK	DECKER	NM



DDJ-SZ2

ZF AA F

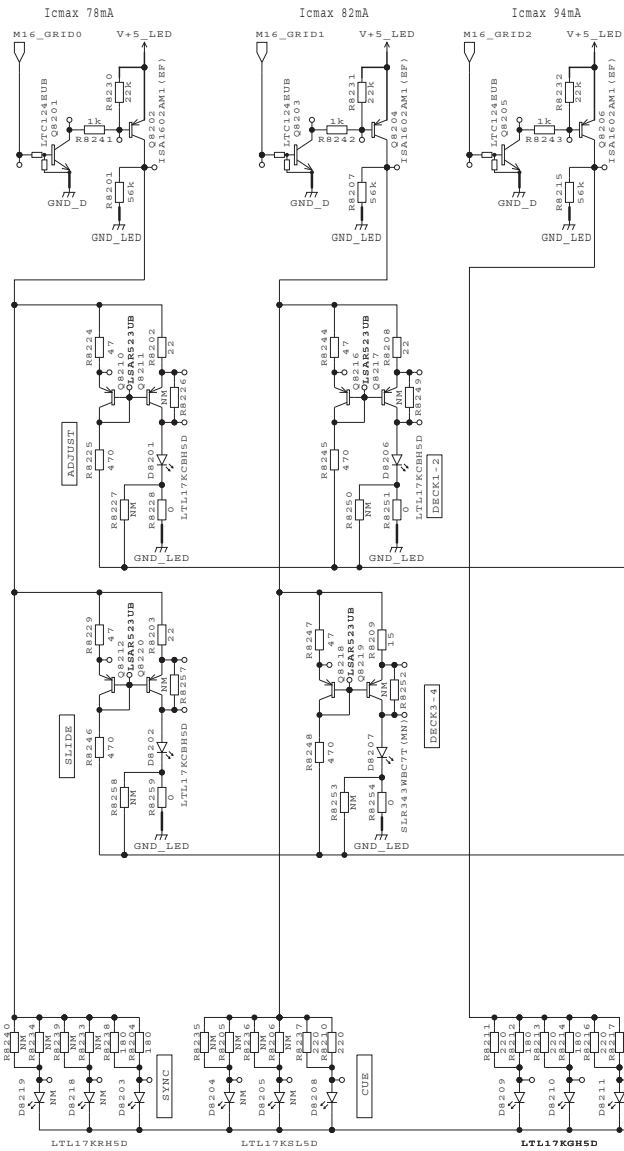
ZF AA F AB F

ZF: AF 1/5 CN1141
AA: AF 1/5 CN1142

AC F
 CN8201

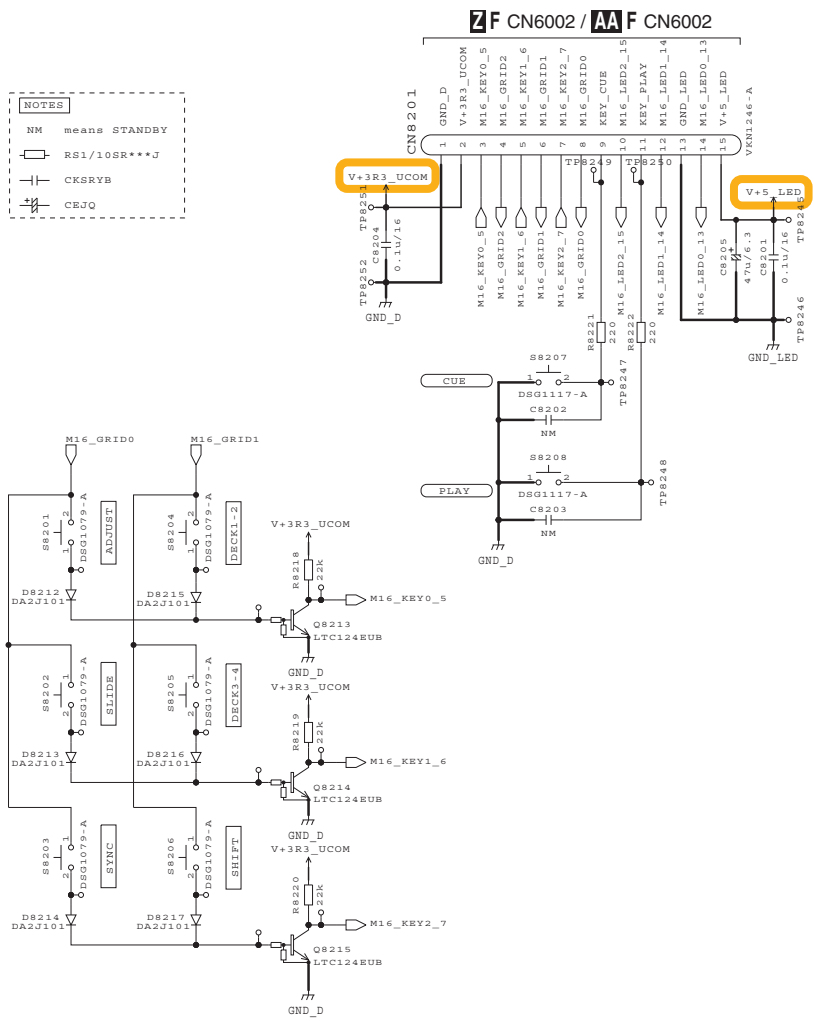
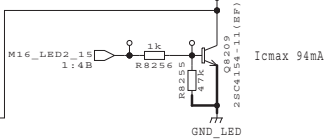
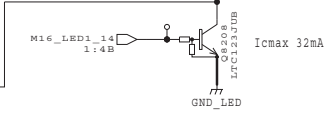
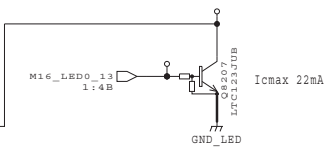
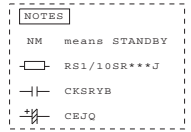
AC F KSWB ASSY (DWX3958)

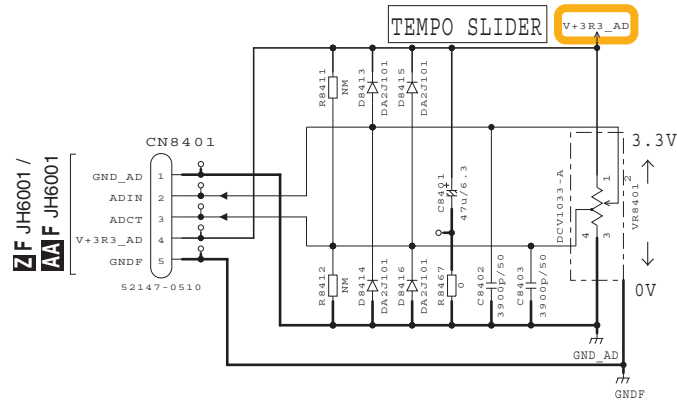
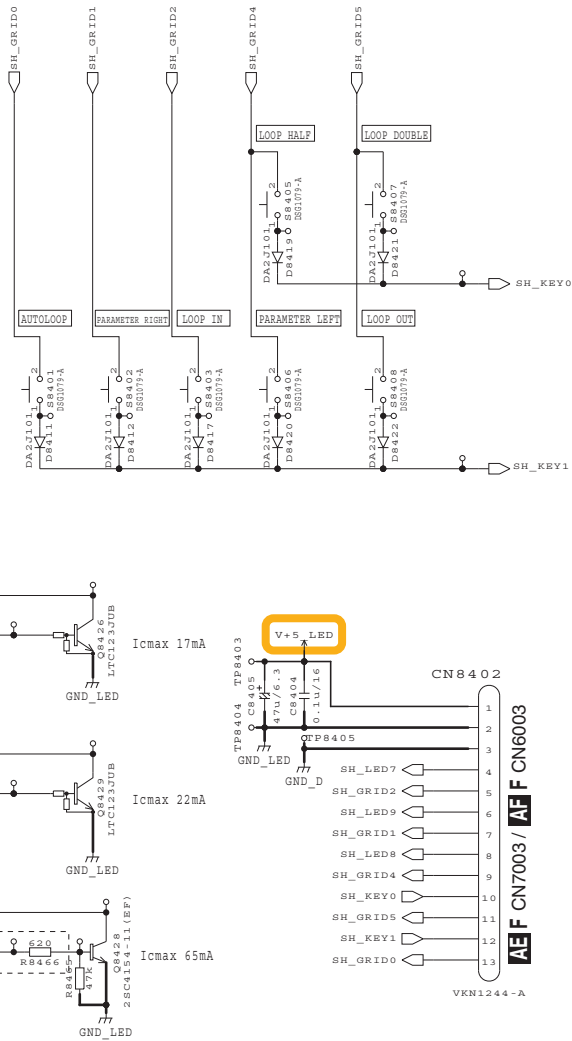
DDJ-SZ2



*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 .





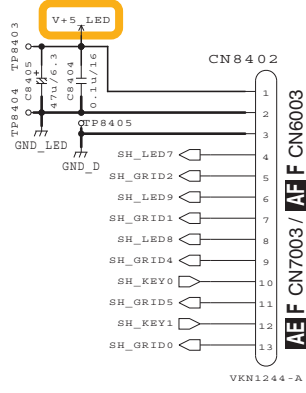
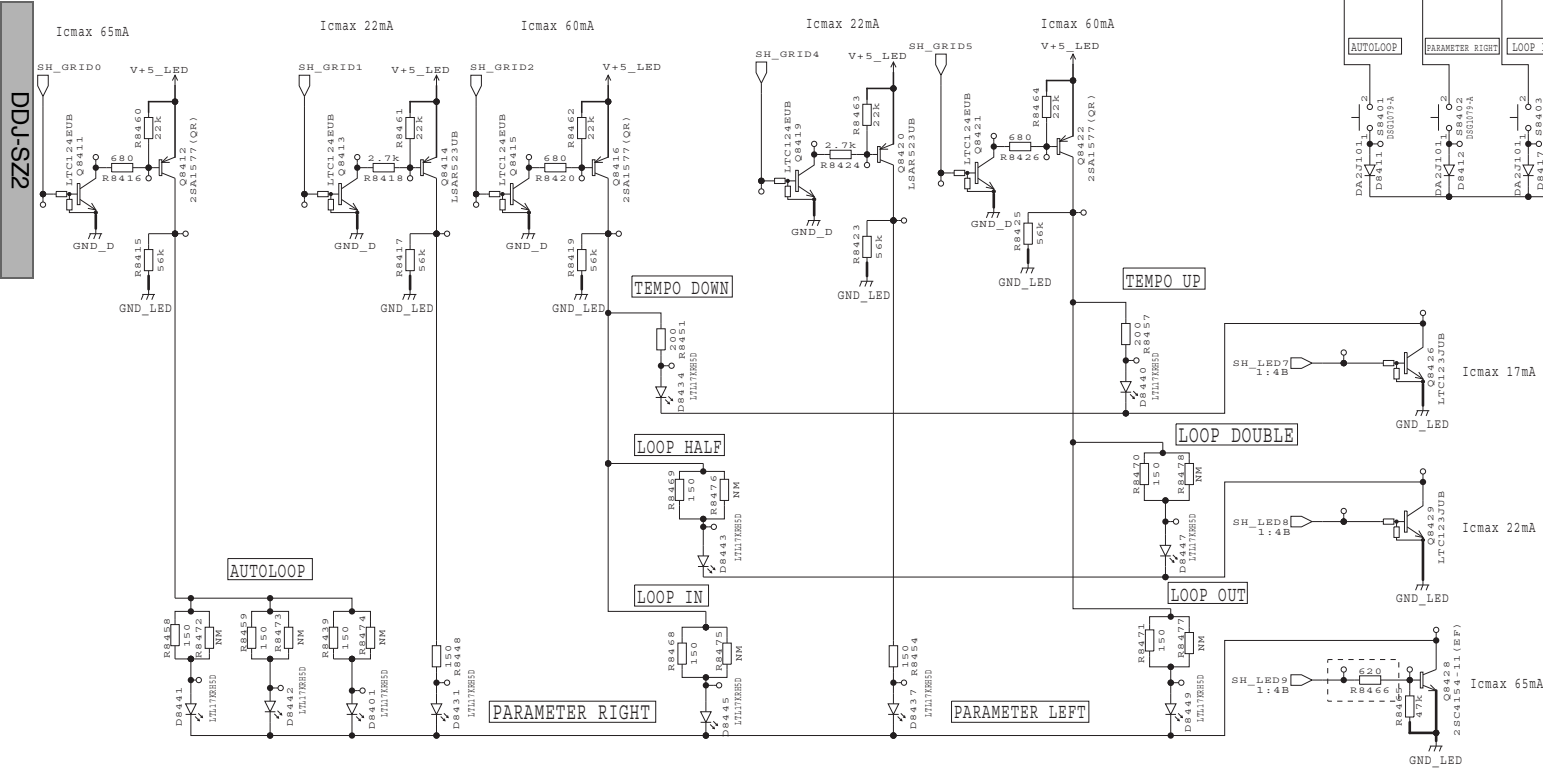
Tempo Slider
 0V (6%-100%)
 1.65V (CENTER (ADCT))
 3.3V (6%-100%)

*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
- ⊖ CKSRVB
- ⊖ CEJQ



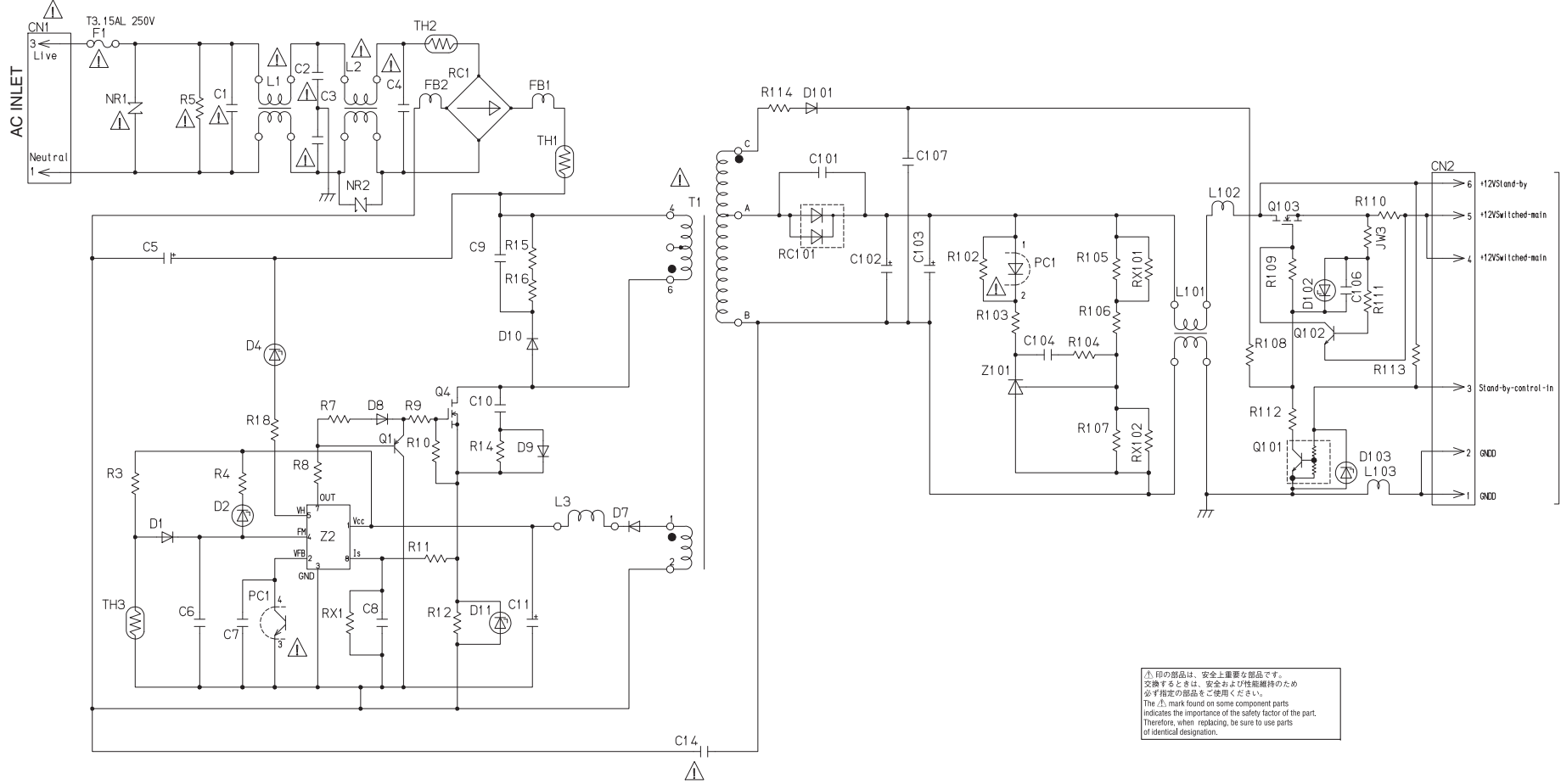
ZF JH6001 / AA F JH6001

DDJ-SZ2

AE F CN7003 / AF F CN6003

VKN1244-A

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE NO. SST, 3.15A 250V MFD. BY NIPPON SEISEN CABLE LTD. FOR F1.



△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。
 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.

DDJ-SZ2

AJ F 2/15 CN1201

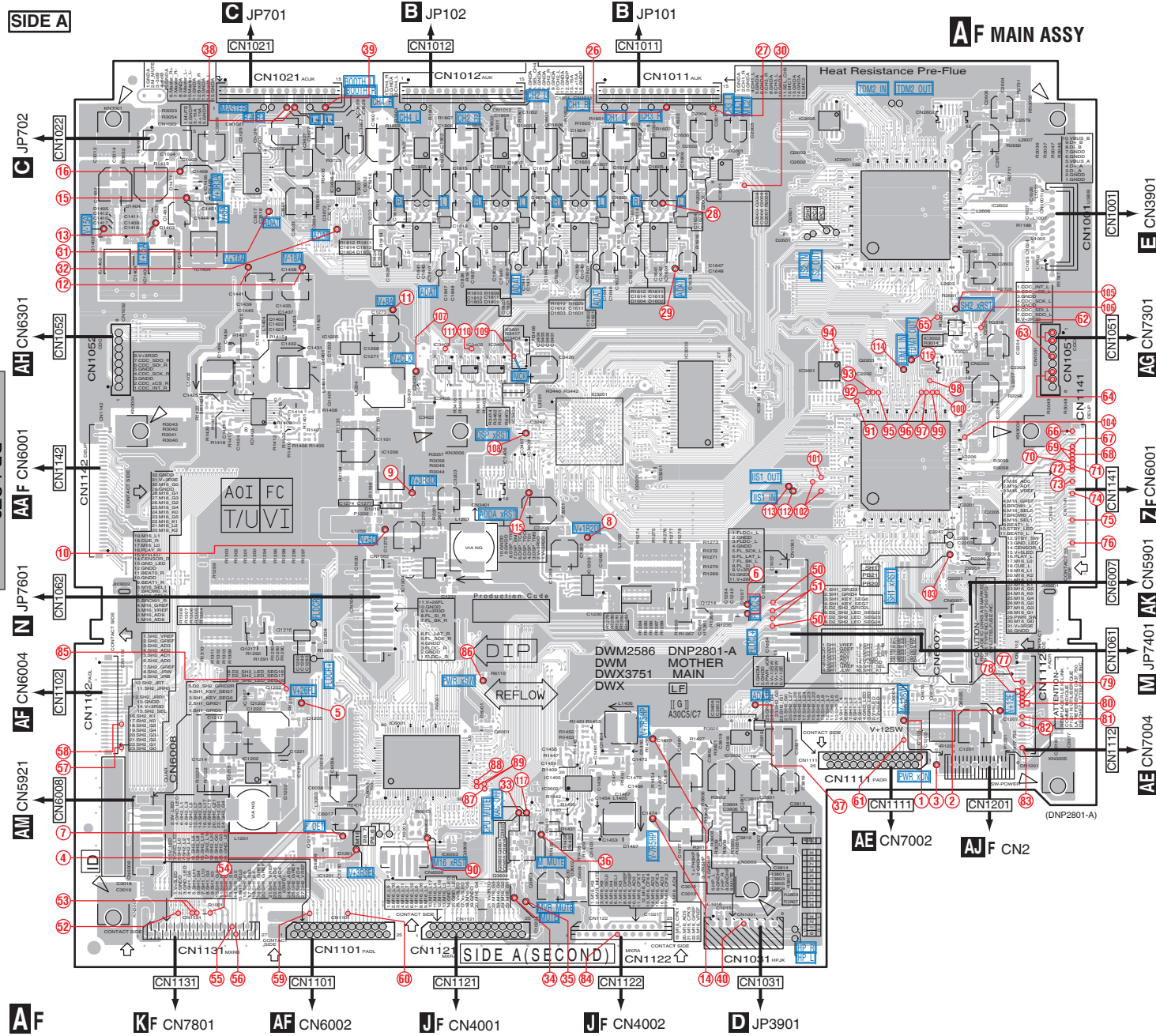
11. PCB CONNECTION DIAGRAM

SIDE A

11.1 MAIN ASSY PCB CONNECTION DIAGRAM

SIDE A

The blue character is silk for services.



IC1802	IC1801	IC1601	IC1602	Q2603	Q2602	IC2001	IC2602	IC2601	IC1604	IC1804	IC1803	IC1603	IC1401-IC1404	Q1402	IC3004	IC3002	Q2203	IC3001	IC2202	IC3401-IC3404	IC3410	IC3202	IC3405	IC3408	IC3201	IC3406	IC3407	IC3409	IC1206	Q3201	IC2201	IC1204	IC1203	Q2201	Q1217	Q1216	IC1207	Q6010	Q6024	Q6025	Q1202	Q6004	Q1205	Q6009	Q6001	IC3802	IC6001	Q1404	IC1202	IC1405	IC3602	Q1211	Q3809	Q1403	IC6003	Q3608	IC1201	Q3601	Q3605	Q6024	Q6025	Q1203	Q6009	Q6001	IC3802	IC6001	Q1404	IC1202	IC1405	IC3602	Q1211	Q3809	Q1403	IC6003	Q3608	IC1201	Q3601	Q3605	Q6024	Q6025
--------	--------	--------	--------	-------	-------	--------	--------	--------	--------	--------	--------	--------	---------------	-------	--------	--------	-------	--------	--------	---------------	--------	--------	--------	--------	--------	--------	--------	--------	--------	-------	--------	--------	--------	-------	-------	-------	--------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	-------	--------	--------	--------	-------	-------	-------	--------	-------	--------	-------	-------	-------	-------	-------	-------	-------	--------	--------	-------	--------	--------	--------	-------	-------	-------	--------	-------	--------	-------	-------	-------	-------

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、回路図で確認するようにしてください。
 2. PCB 図の見かた。
 コネクター コンデンサー

 プリント基板 チップ部品

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.
 Connector Capacitor

 PC Board Chip Part

A F K F CN7801 A F CN6002 J F CN4001 J F CN4002 D JP3901 A F

DDZS-JD22

A F MAIN ASSY

SIDE A (SECOND)

SIDE B

A F MAIN ASSY

CN1011

CN1012

CN1021

SIDE B

5

5

6

6

DDJ-SZ2

7

7

8

8

Q1210

IC2604 Q1004 Q1003
IC2603

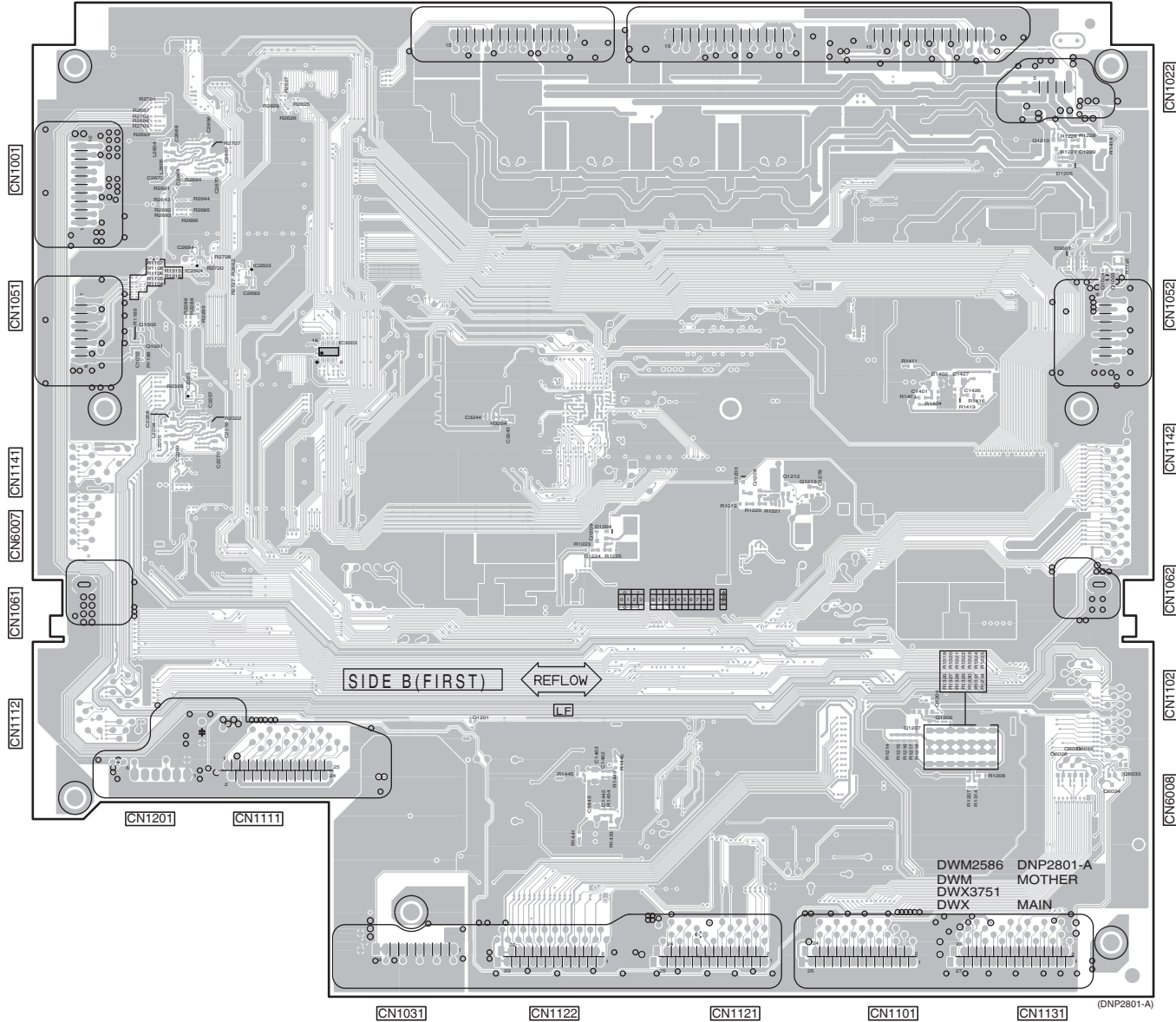
Q1002 Q1001
IC3003

IC2203

Q1208 Q1212
Q1213

Q1209

Q1204 Q1207 Q1206
Q6031 Q6032
Q6026 Q6033
Q6034



SIDE B (FIRST)

REFLOW

LF

DWM2586 DNP2801-A
DWM MOTHER
DWX3751 DWX MAIN

(DNP2801-A)

F

E

D

C

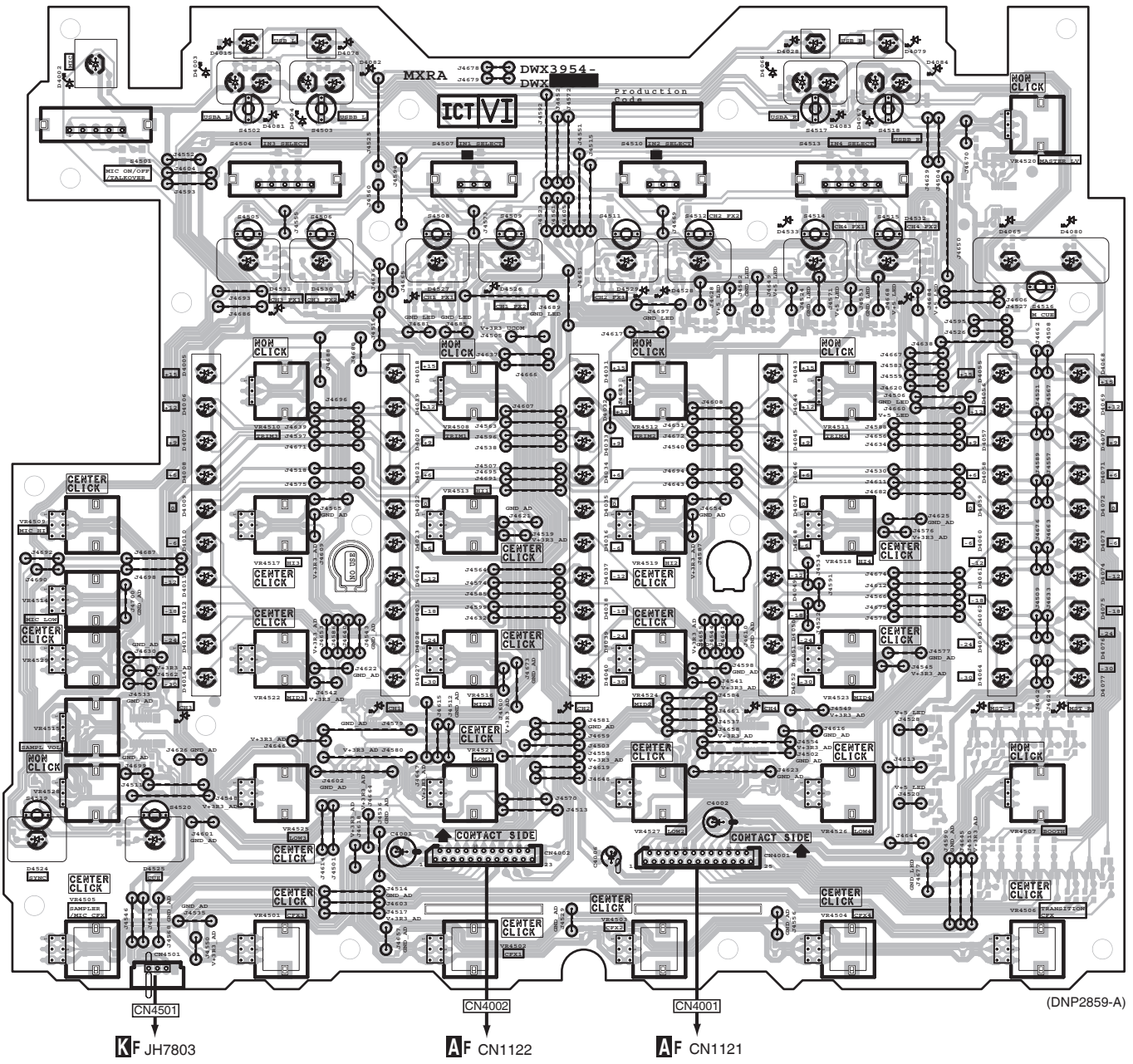
B

A

SIDE A

JF MXRA ASSY

SIDE A



KF JH7803

AF CN1122

AF CN1121

(DNP2859-A)

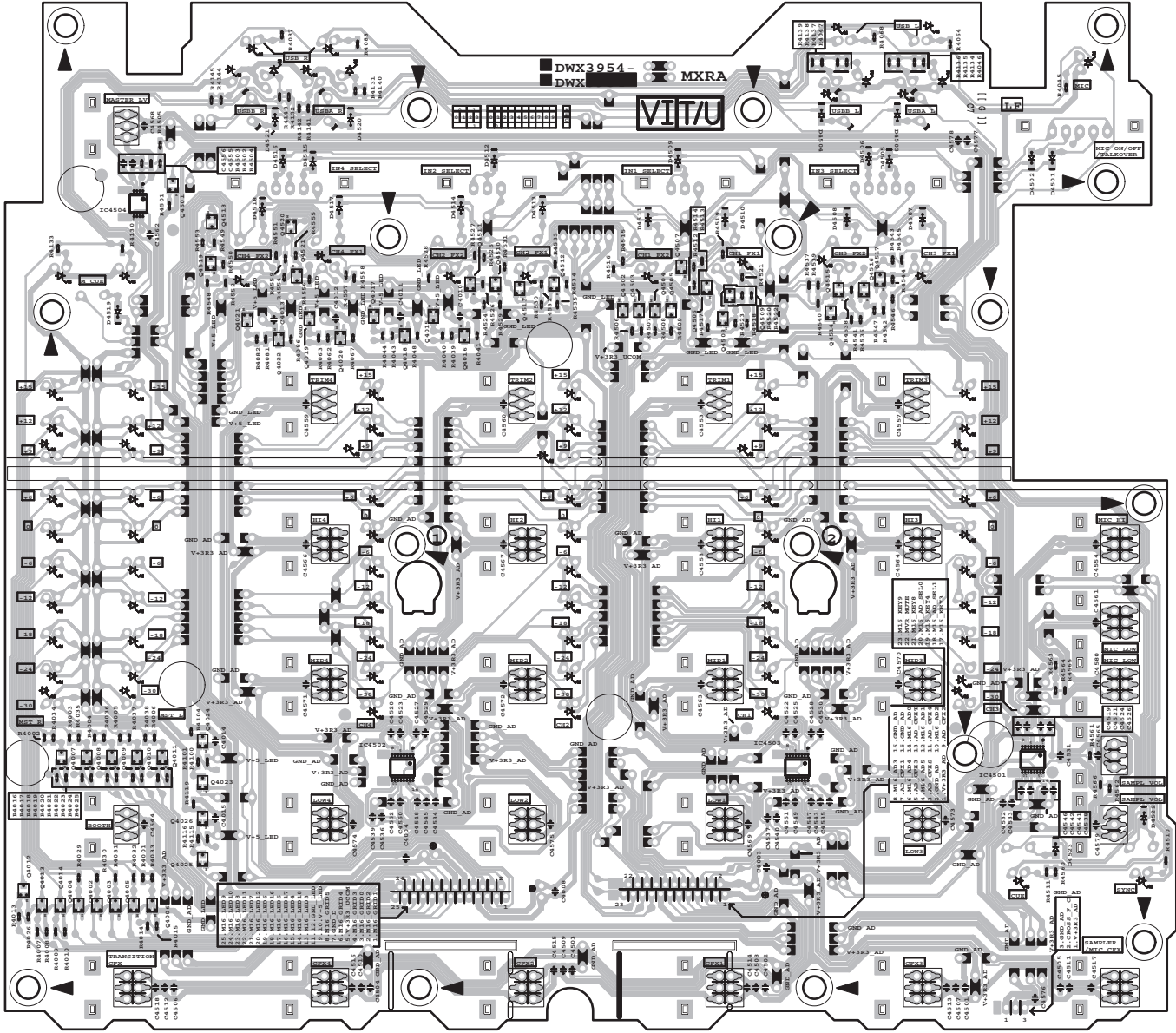
DDJ-SZ2



SIDE B

SIDE B

JF MXRA ASSY



- IC4504
- Q4501
- Q4518
- Q4520
- Q4511
- Q4507
- Q4510
- Q4521
- Q4517
- Q4519
- Q4516
- Q4512
- Q4515
- Q4513
- Q4502-Q4505
- Q4509
- Q4016-Q4022
- Q4015
- Q4514
- Q4508

- Q4024
- Q4007-Q4011
- IC4503
- Q4023
- Q4026
- IC4501
- Q4025
- Q4012-Q4014
- Q4002-Q4006

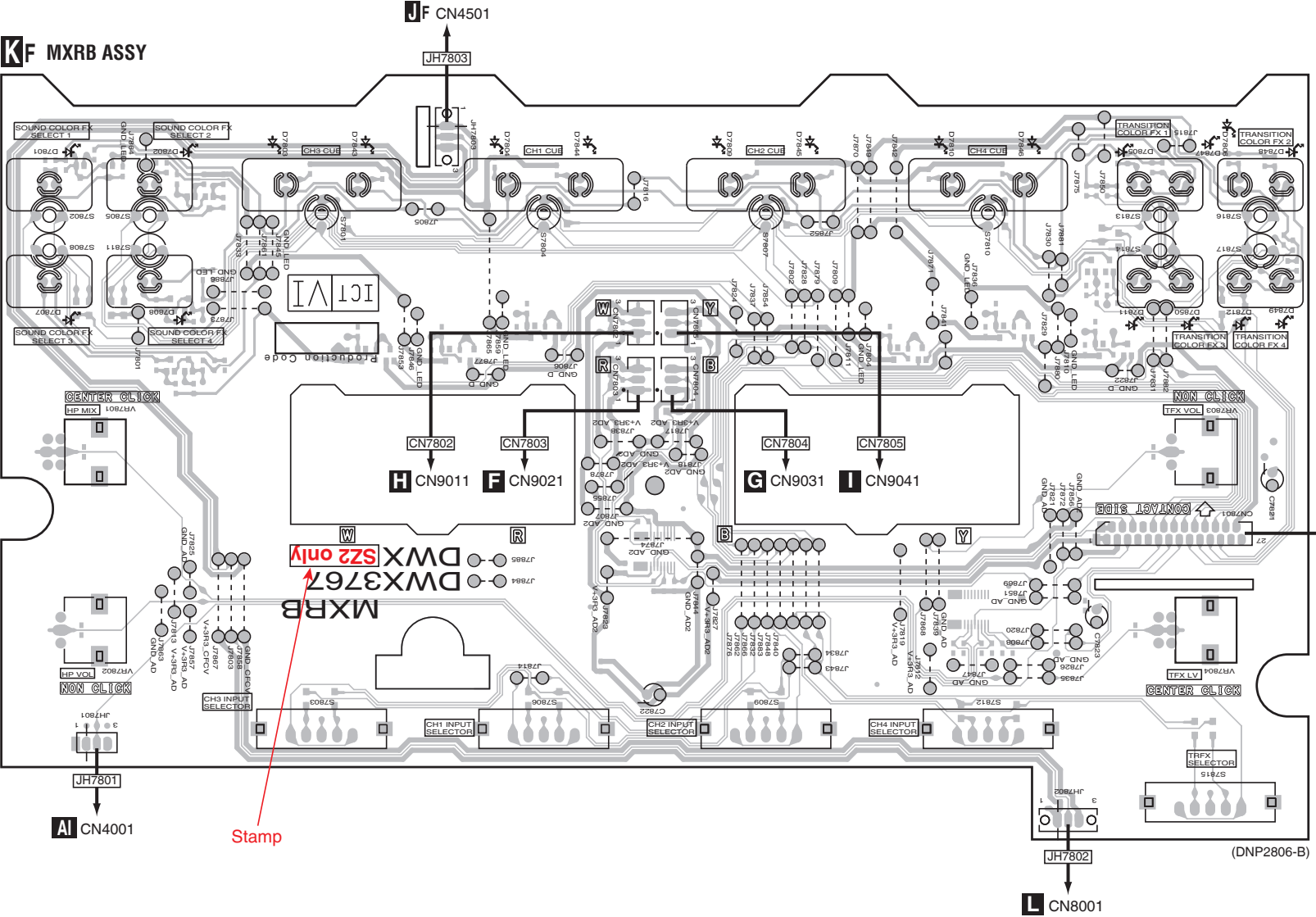
CN4001

CN4002

CN4501

(DNP2859-A)

DDU-SZ2



Stamp

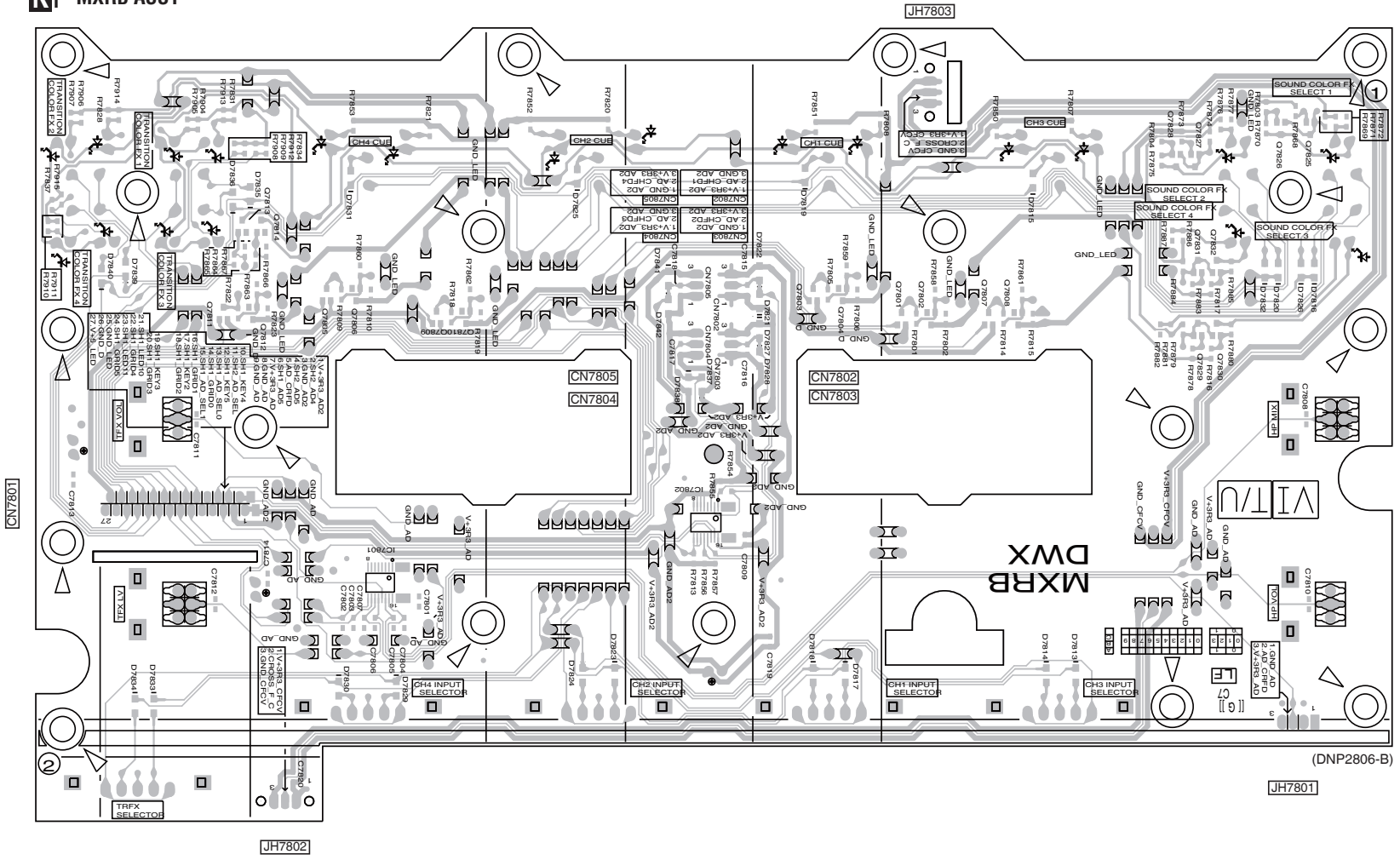
Stamp
MXRB
DWX3767
DWX SZ2 only

KF MXRB ASSY

SIDE B

SIDE B

KF MXRB ASSY



1082(NC)

(DNP2806-B)

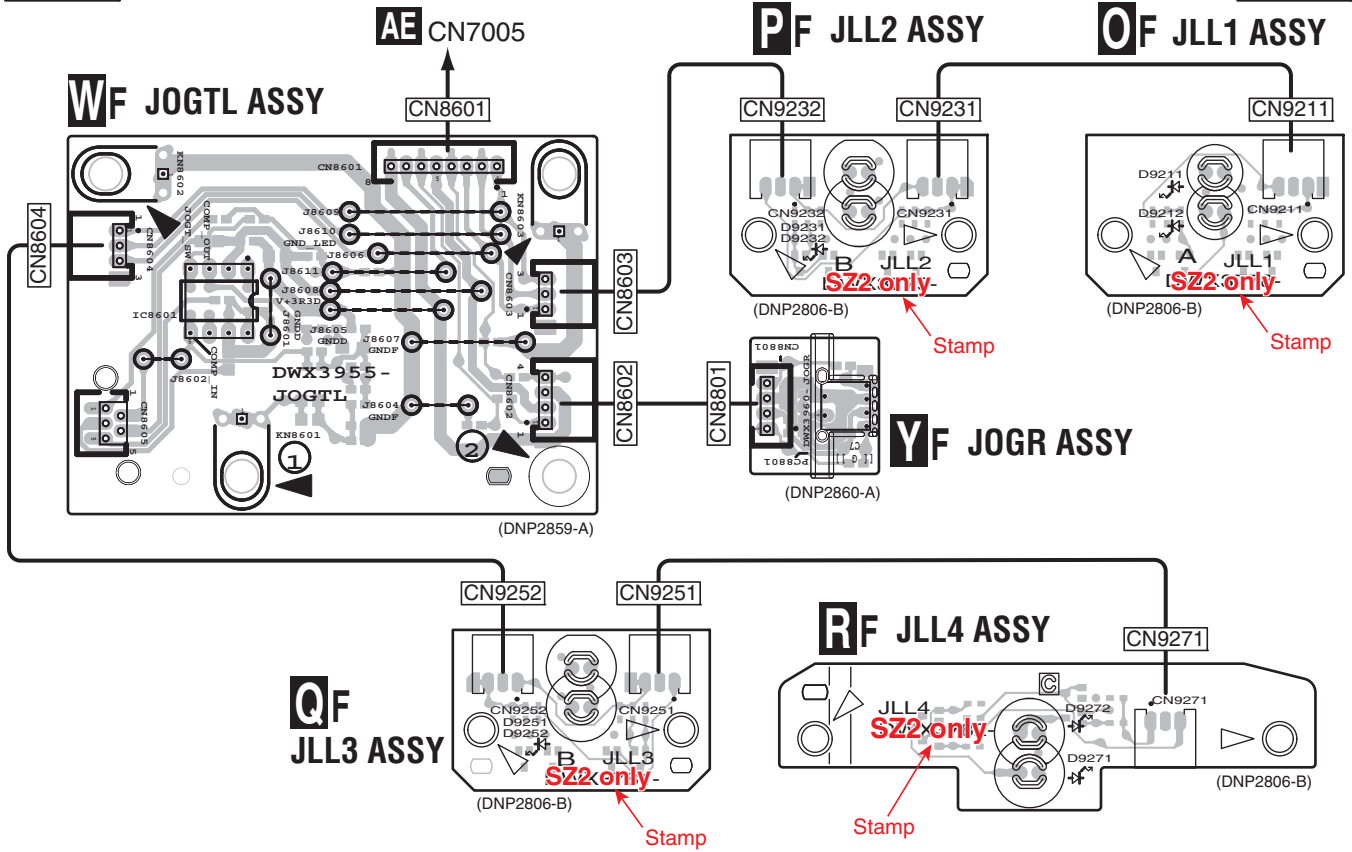
- Q7813 Q7814
- Q7806
- Q7828 Q7827
- Q7826 Q7825
- Q7811 Q7812
- Q7805
- IC7801
- Q7809 Q7810
- IC7802
- Q7803 Q7804
- Q7801 Q7802
- Q7807 Q7808
- Q7831 Q7832
- Q7829 Q7830

DDJ-SZ2

11.10 JLL1 to JLL4, JOGTL and JOGR ASSYS

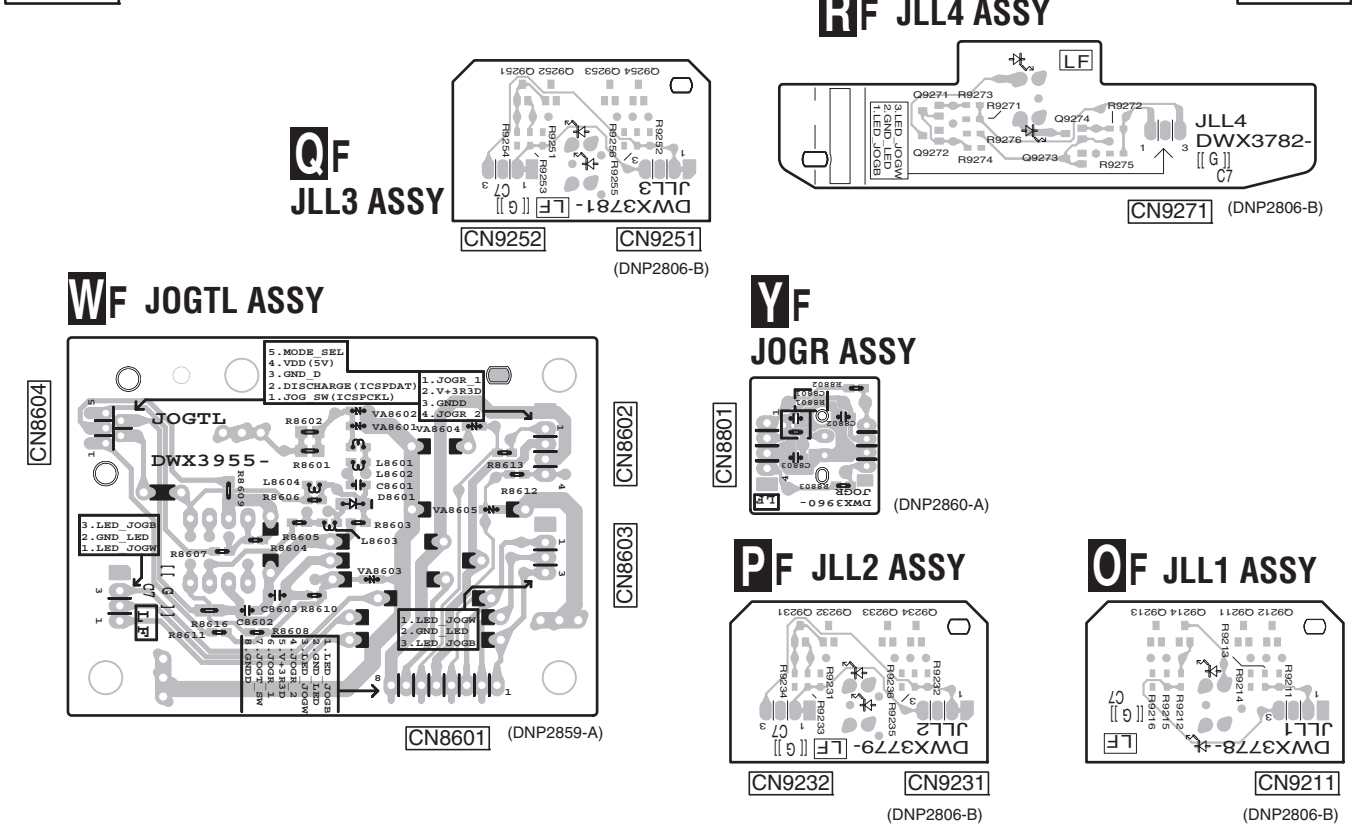
SIDE A

SIDE A



SIDE B

SIDE B

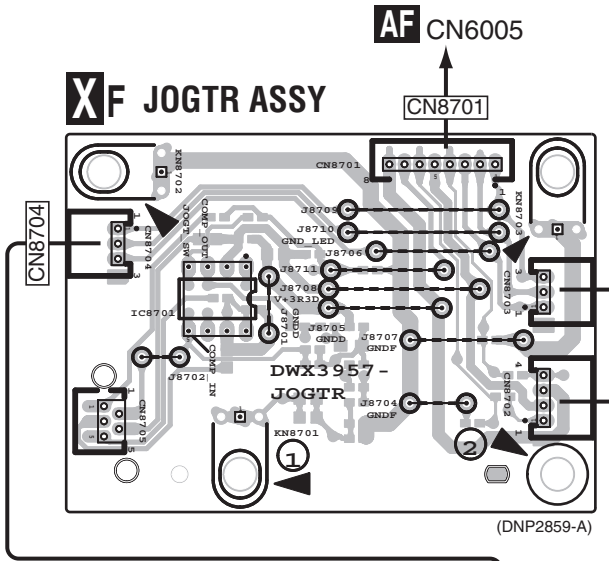


OF PF QF RF WF YF

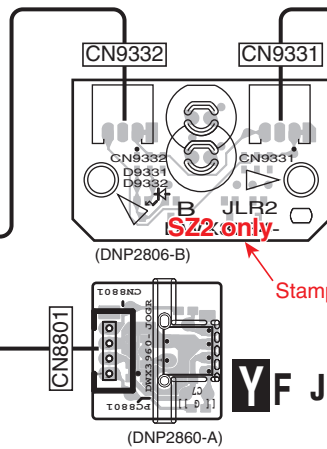
OF PF QF RF WF YF

11.11 JLR1 to JLR4, JOGTR and JOGR ASSYS

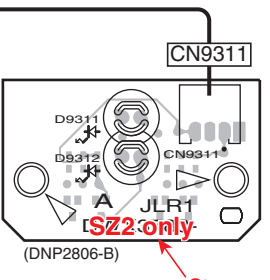
SIDE A



T F JLR2 ASSY



S F JLR1 ASSY



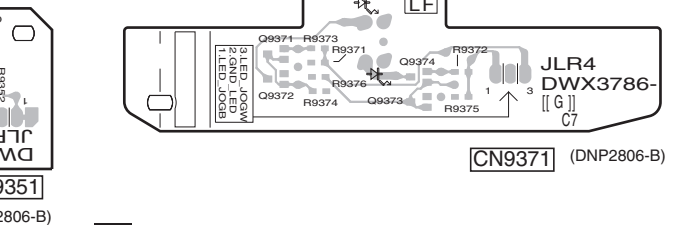
Y F JOGR ASSY



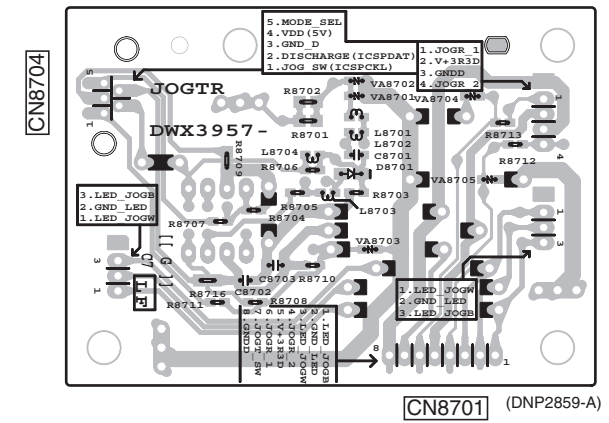
SIDE B



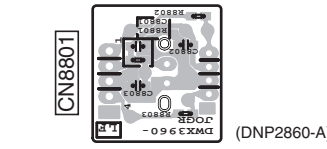
V F JLR4 ASSY



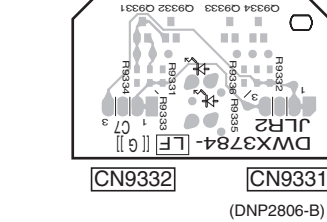
XF JOGTR ASSY



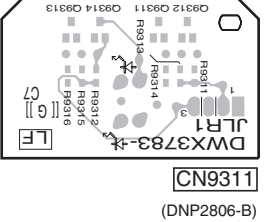
Y F JOGR ASSY



T F JLR2 ASSY



S F JLR1 ASSY



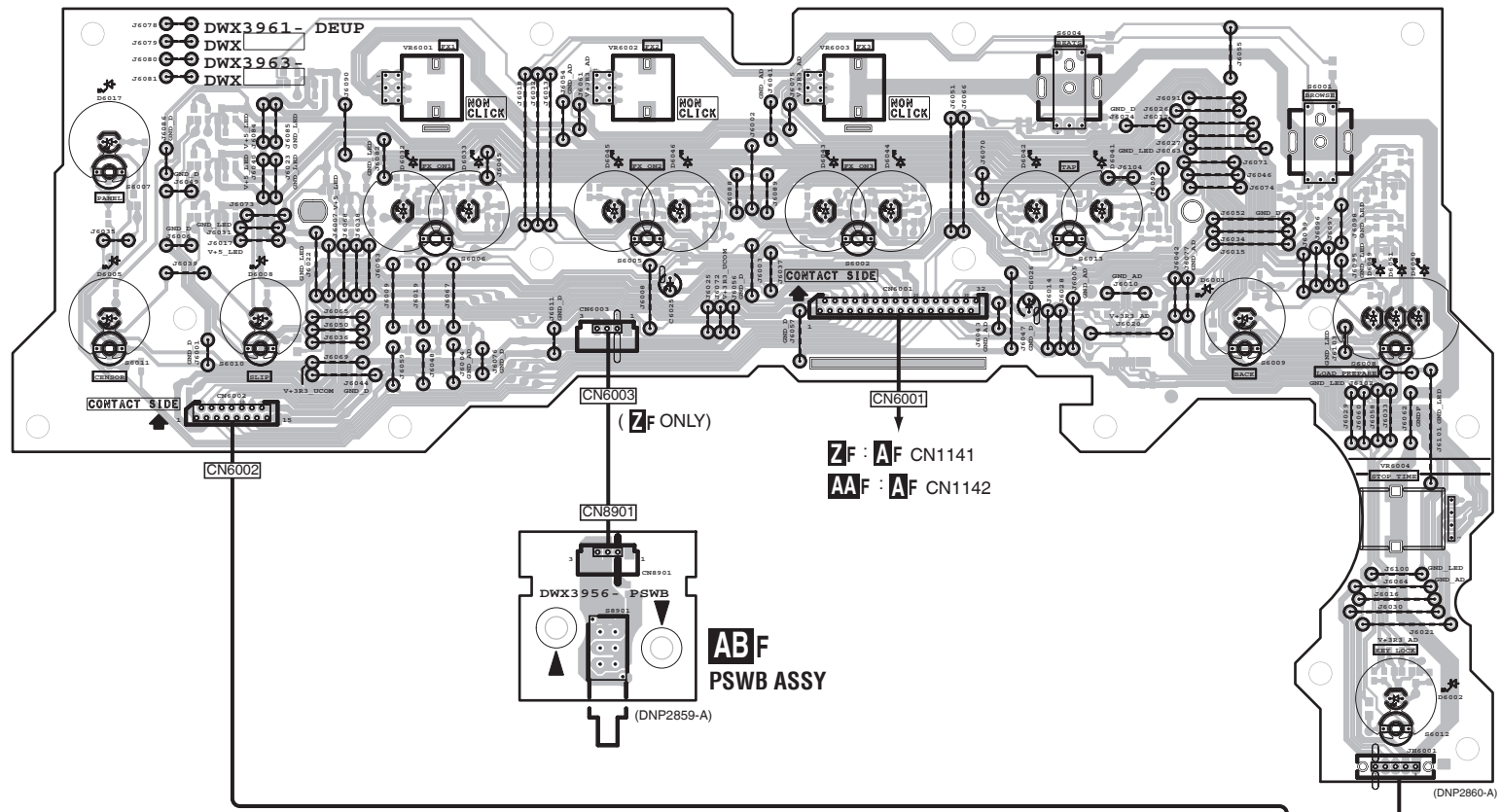
S F T F U F V F X F Y F

S F T F U F V F X F Y F

SIDE A

ZF DEUP ASSY

AAF DEUPR ASSY

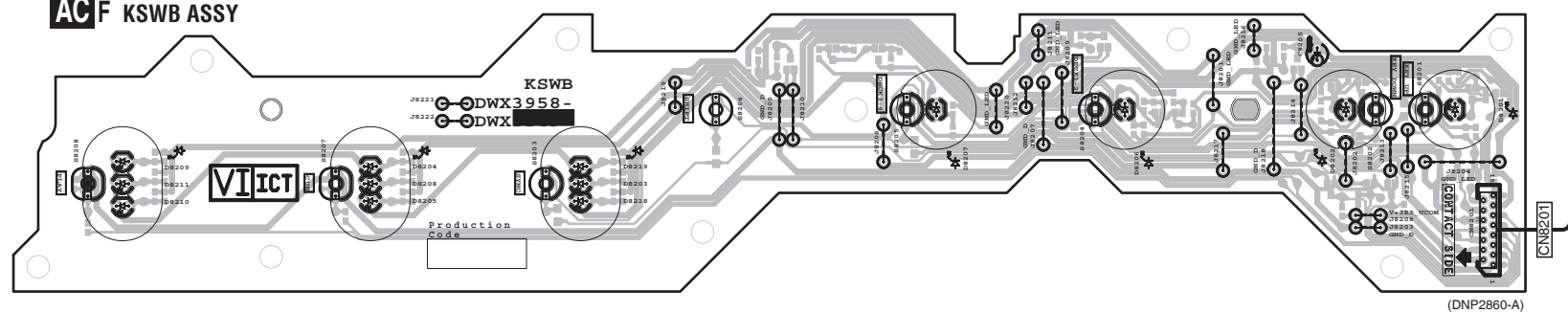


ZF : AF CN1141
 AAF : AF CN1142

ABF
 PSWB ASSY
 (DNP2859-A)

ADF
 CN8401

ACF KSWB ASSY



(DNP2860-A)

ZF AAF ABF ACF

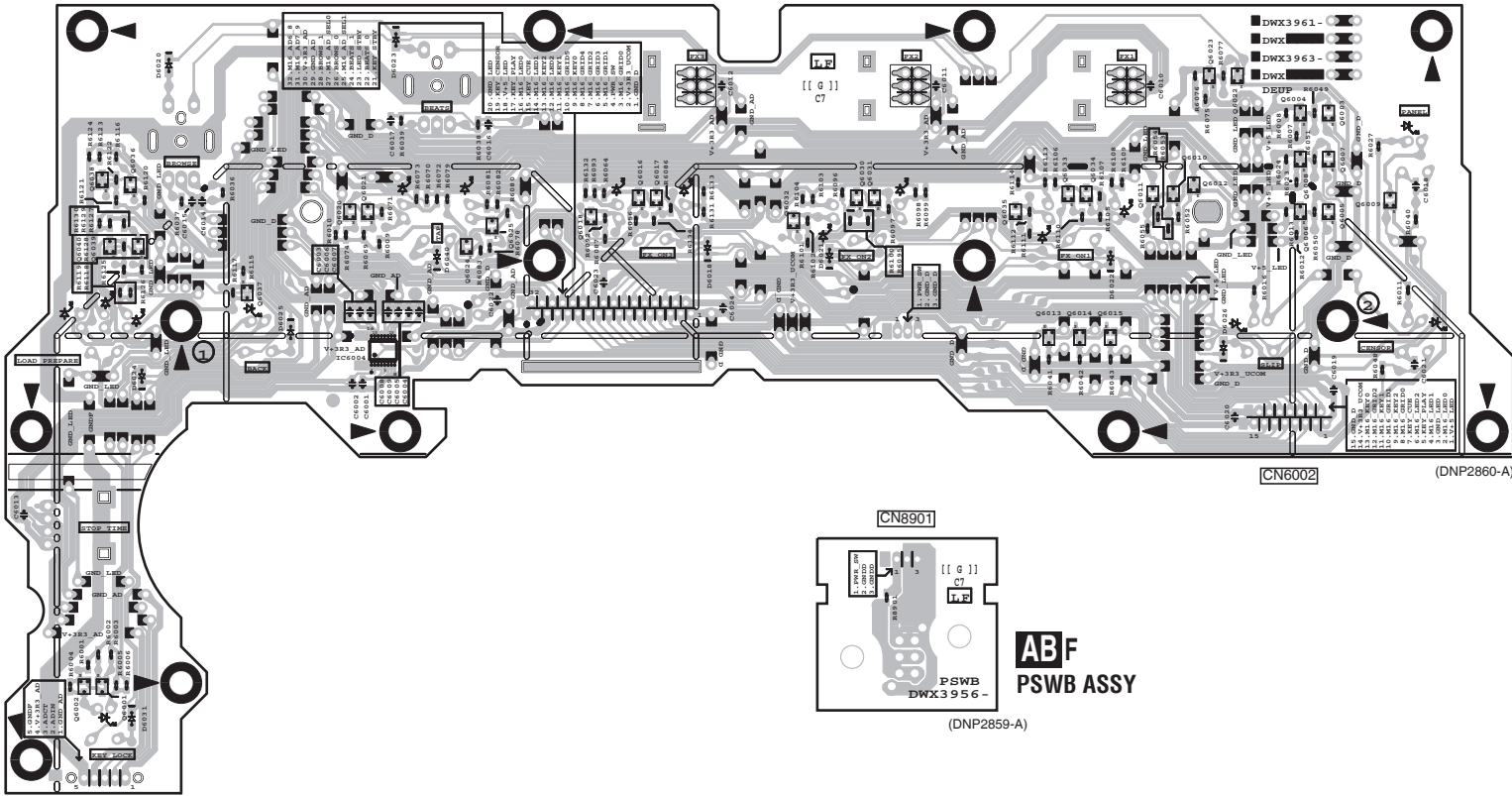
ZF AAF ABF ACF

SIDE B

SIDE B

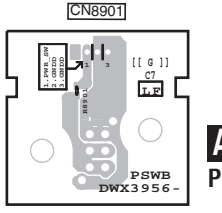
ZF DEUP ASSY

AA F DEUPR ASSY

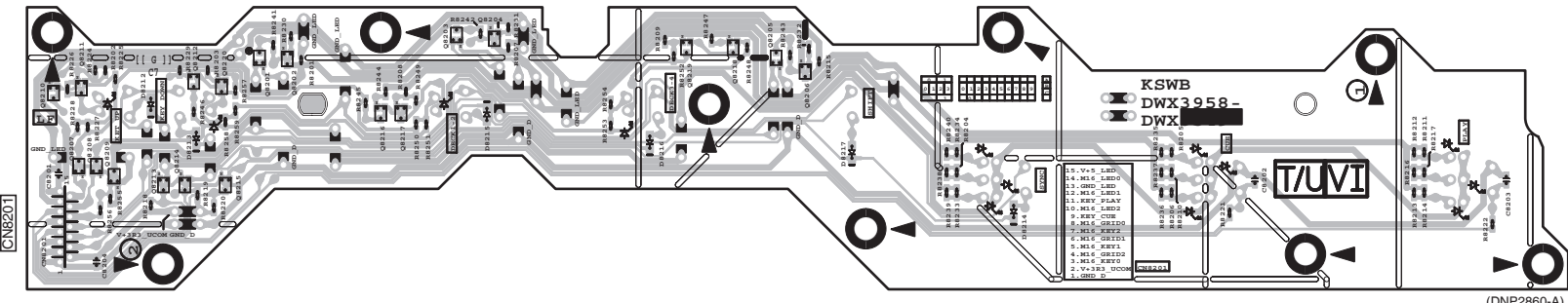


DDU-SZ2

ABF PSWB ASSY



AC F KSWB ASSY



ZF AA F AB F AC F

ZF AA F AB F AC F

F E D C B A

5

5

6

6

7

7

8

8

11.15 SLDB ASSY

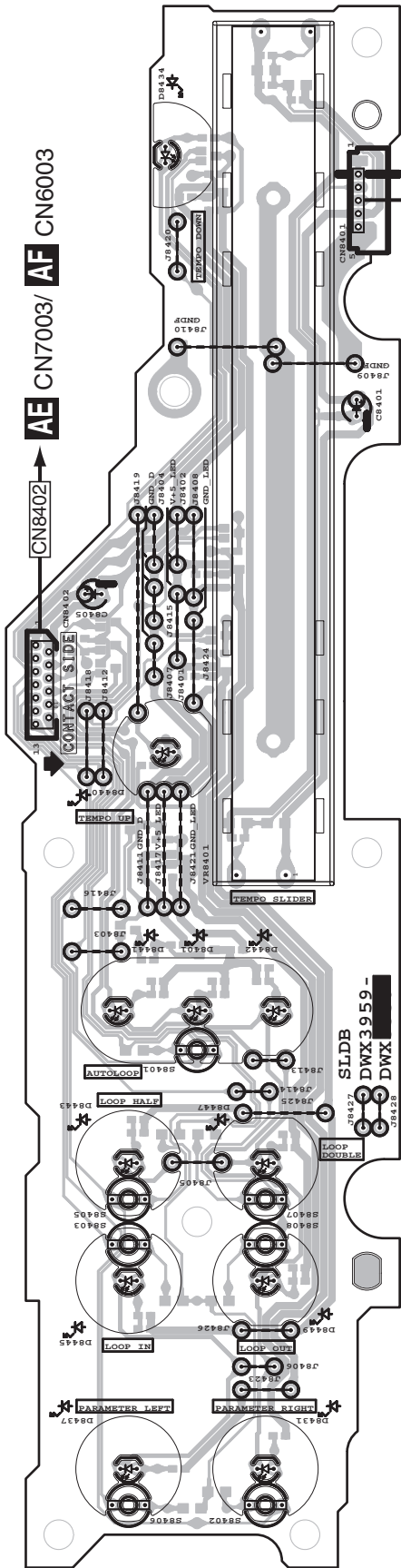
SIDE A

AD F SLDB ASSY

AD F SLDB ASSY

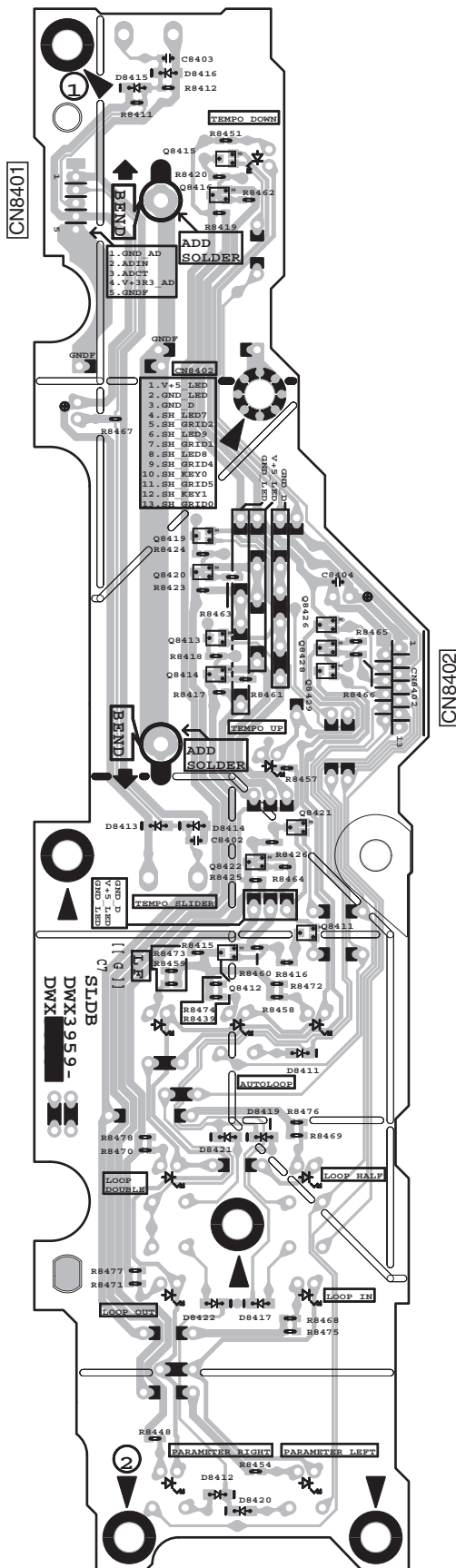
SIDE B

A
B
C
D
E
F



(DNP2860-A)

ZF JH6001/AAF JH6001



(DNP2860-A)

Q8415

Q8416

Q8419

Q8420

Q8426

Q8413

Q8428

Q8429

Q8414

Q8421

Q8422

Q8411

Q8412

AD F

AD F

A

1

2

3

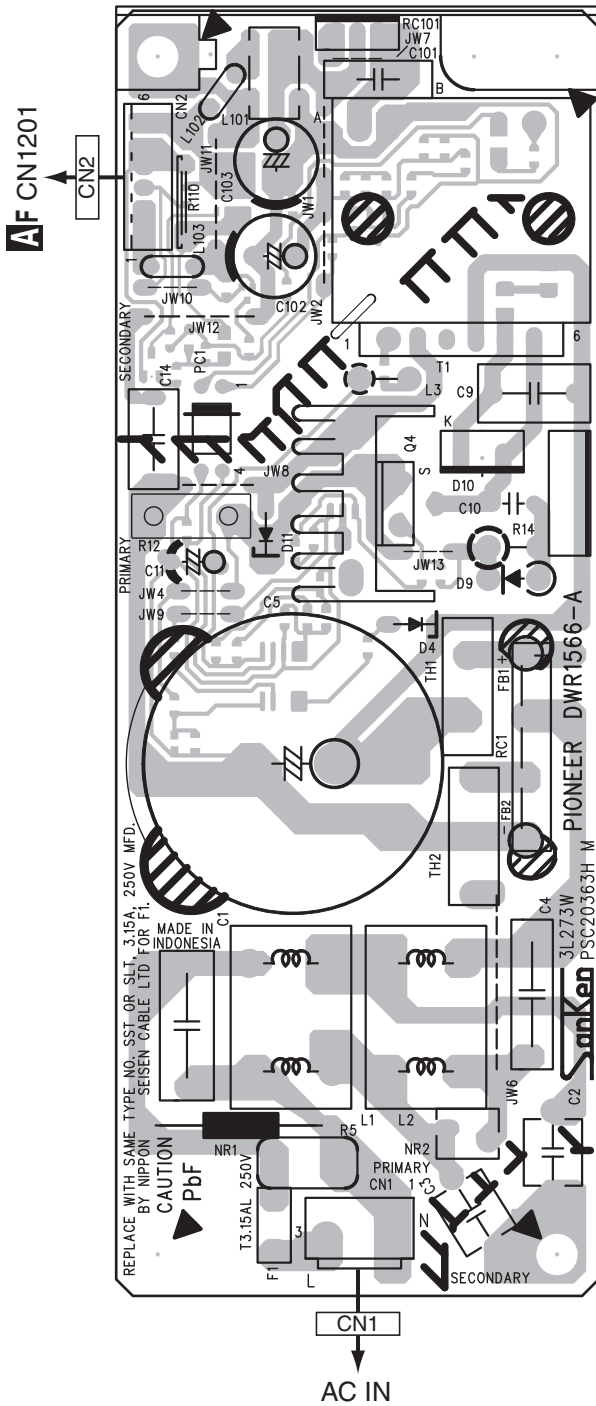
4

11.17 SW POWER SUPPLY

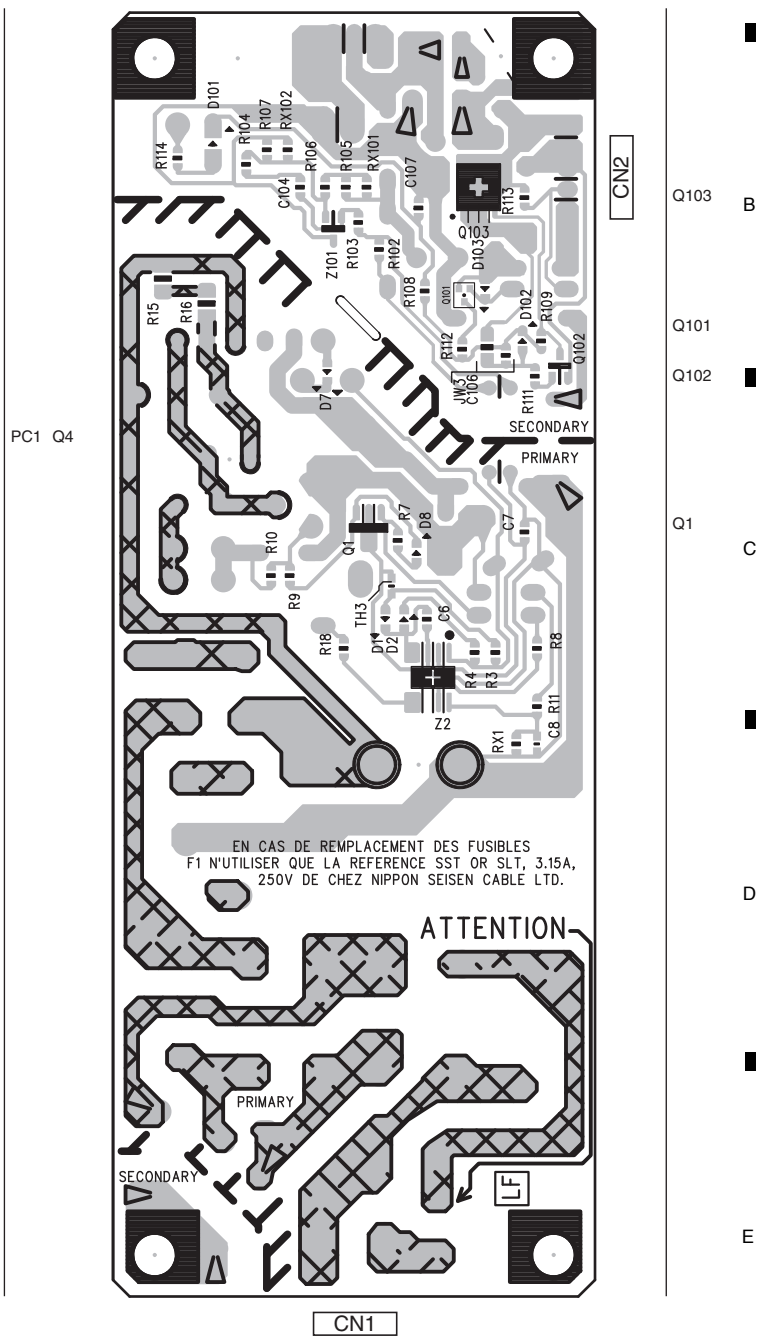
SIDE A

SIDE B

AJ F SW POWER SUPPLY



AJ F SW POWER SUPPLY



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 $\boxed{5}$ $\boxed{6}$ $\boxed{2}$ $\boxed{7}$ F

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
NSP	1..MOTHER ASSY		DWM2643		2..CDCL ASSY		DWX3554
	2..MAIN ASSY		DWX3953		2..PADR ASSY		DWX3583
	2..USB ASSY		DWX3752		2..CDCR ASSY		DWX3584
NSP	1..JACK ASSY		DWM2592	NSP	1..DECK2 ASSY		DWM2590
	2..AIJK ASSY		DWX3768		2..SEQL ASSY		DWX3763
	2..AOJK ASSY		DWX3769		2..QUAL ASSY		DWX3764
	2..HPJK ASSY		DWX3770		2..QUAR ASSY		DWX3765
	2..FAD3 ASSY		DWX3771		2..SEQR ASSY		DWX3766
	2..FAD1 ASSY		DWX3772		1..CROSS FADER ASSY		DXA2257
	2..FAD2 ASSY		DWX3773	NSP	2..CRFD ASSY		DWX3258
	2..FAD4 ASSY		DWX3774	Δ	1..SW POWER SUPPLY		DWR1566
NSP	1..SUB ASSY		DWM2647	AF MAIN ASSY			
	2..MXRB ASSY		DWX3964	SEMICONDUCTORS			
	2..JFLL ASSY		DWX3775	Δ	IC 1201,1406,3405		NJM2831F33
	2..JFLR ASSY		DWX3776	Δ	IC 1202		NJM2392M
	2..CRFCV ASSY		DWX3777	Δ	IC 1203,1205		BD9328EFJ
	2..JLL1 ASSY		DWX3965	Δ	IC 1204		BD9329EFJ
	2..JLL2 ASSY		DWX3966	Δ	IC 1206		NJM2886DL3-33
	2..JLL3 ASSY		DWX3967	Δ	IC 1401		NJM78M15DL1A
	2..JLL4 ASSY		DWX3968	Δ	IC 1402		NJM79M15DL1A
	2..JLR1 ASSY		DWX3969	Δ	IC 1403,1405		BD9851EFV
	2..JLR2 ASSY		DWX3970	Δ	IC 1404		NJM7805DL1A
	2..JLR3 ASSY		DWX3971	Δ	IC 1601,1602,1801,1802		NJM4580MD
	2..JLR4 ASSY		DWX3972		IC 1603,1604,1803,1804		PCM1803ADB
NSP	1..MIXER ASSY		DWM2644		IC 2001		AK5358AET
	2..MXRA ASSY		DWX3954		IC 2201,2601		R5S72670P144FP
	2..JOGTL ASSY		DWX3955		IC 2202		TC7SH04FUS1
	2..PSWB ASSY		DWX3956		IC 2603,2604,3004		TC7SH08FUS1
	2..JOGTR ASSY		DWX3957		IC 3001		DYW1989*
NSP	1..DECK ASSY		DWM2645		*Part number of the initial firmware equipped		
	2..DEUP ASSY		DWX3961		IC 3002		TC7SHU04FUS1
	2..KSWB ASSY		DWX3958		IC 3201		D810K013DZKB400
	2..SLDB ASSY		DWX3959		IC 3202		M12L128168A-5TG2N
	2..JOGR ASSY		DWX3960		IC 3401-3403		TC74VHC08FK
	2..DEUPR ASSY		DWX3963		IC 3406-3409		TC7SG08FU
	2..STRB ASSY		DWX3962		IC 3601		WM8740SEDS
NSP	1..DECKR ASSY		DWM2646		IC 3602,6003		S-80930CNMC-G80
	2..KSWB ASSY		DWX3958		IC 3606,3802		AK4387ET
	2..SLDB ASSY		DWX3959				
	2..JOGR ASSY		DWX3960				
	2..DEUPR ASSY		DWX3963				
	2..STRB ASSY		DWX3962				
NSP	1..PACD ASSY		DWM2523				
	2..PADL ASSY		DWX3553				

Mark	No.	Description	Part No.
	IC	3801	NJM4580MD
	IC	6001	DYW1990*
	*Part number of the initial firmware equipped		
	Q	1001,1003	LTA024EEB
	Q	1002,1004,1201,1204	LTC024EEB
	Q	1205	2SA1577
	Q	1206,1212,1213,3601	LSCR523UB
	Q	1207	2SC4097
	Q	1208-1210,1214,1216	LSAR523UB
	Q	1211	LTC114YUB
	Q	1215,1217	2SC5712
	Q	1401	RSR020P05
	Q	1402	RTQ045N03
	Q	1403,1404	RSQ030P03
	Q	2602,2603,3603	LTC024EEB
	Q	3602,6004,6009,6010	LSCR523UB
	Q	3604,3605,6025,6034	ISA1602AM1
	Q	3604,3605	LSAR523UB
	Q	3809	RT1N431M
	Q	6024,6033	LTC124EUB
	Q	6026,6031,6032	LSCR523UB
	D	1202	RB160L-40
	D	1203-1205,3601	DA2J101
	D	1401,1406,1407,1409	DB2J41100
	D	1404,1405,1408	RB501VM-40
	D	1410	DB2J41100
	D	2001,2002	DAN217UM

MISCELLANEOUS

L	1002,1007	CHIP SOLID INDUCTOR	QTL1013
L	1005,1010	INDUCTOR	CTF1793
L	1201	CHOKE COIL	CTH1209
L	1202	COIL	CTH1475
L	1203	CHOKE COIL	CTH1354
L	1204	POWER INDUCTOR	ATH7053
L	1256	CHIP BEEDS FILTER	BTX1042
L	1401,1402,1405	POWER INDUCTOR	ATH7011
L	1406	POWER INDUCTOR	ATH7011
L	2203-2205	CHIP SOLID INDUCTOR	QTL1013
L	2207,2607,3203	CHIP COIL	LCTAW330J2520
L	2603-2605	CHIP SOLID INDUCTOR	QTL1013
L	3201	SMD FERRITE BEADS	CTF1823
F	3201	EMI FILTER	DTL1106
KN	3001-3008	WRAPPING TERMINAL	CKF1089
X	3001	RESONATOR	CSS1760
X	3401	OSCILLATOR	CWX3849
X	6001	CRYSTAL RESONATOR	BSS1146
CN	1001	L-PLUG(10P)	KM200NA10L
CN	1011,1012,1021	PLUG(15P)	KM200NA15
CN	1022	PLUG(5P)	KM200NA5
CN	1031	L-PLUG(9P)	KM200NA9L
CN	1051,1052	PLUG(8P)	KM200NA8
CN	1061,1062	CONNECTOR	AKM1282
CN	1101,1111,1121	25P CONNECTOR	VKN1256
CN	1102,1112	23P CONNECTOR	VKN1427
CN	1122	23P CONNECTOR	VKN1254
CN	1131	27P CONNECTOR	VKN1258
CN	1141,1142	32P CONNECTOR	VKN1436
CN	1201	CONNECTOR	B6B-XH-A
NSP	CN 6007,6008	CONNECTOR	AKM1279

Mark	No.	Description	Part No.
	JH	3001,3002 PCB BINDER	AEF7008
⚠	P	1201 PROTECTOR(0.750A)	DEK1121

RESISTORS

R	1186,1187,2322,2707		RS1/8SQ0R0J
R	1202,1203		RS1/4SA1R0J
R	1207		RS1/10SR2702D
R	1208,1605-1608		RS1/10SR1501D
R	1211,1448		RS1/10SR103J
R	1214,1215,1217,1218		DCN1184
R	1219,1227,1402,1406		RS1/10SR1002D
R	1220,1455		RS1/10SR3001D
R	1221,1225,1601-1604		RS1/10SR6801D
R	1223,1403,1416,1433		RS1/10SR3002D
R	1224,1401,1410,1430		RS1/10SR1502D
R	1228		RS1/10SR1801D
R	1229		RS1/10SR2001D
R	1235,1289,1413,1414		RS1/4SA0R0J
R	1247		RS1/16SS6800D
R	1248		RS1/16SS3301D
R	1249,1252,1253,1255		RS1/16SS1002D
R	1250		RS1/16SS7501D
R	1251		RS1/16SS3902D
R	1254		RS1/16SS6802D
R	1261,1290		RS1/10SR8201D
R	1266,1291		RS1/10SR3301D
R	1267,1292		RS1/10SR1001D
R	1268,1293,1441,1445		RS1/10SR100J
R	1269-1278,1294-1303		RS1/4SA7R5J
R	1279-1288,1304-1313		RS1/10SR120J
R	1314		RS1/10SR2701D
R	1404,1419,1434,1449		RS1/10SR6802D
R	1405		RS1/10SR1803D
R	1407,1423,3805,3806		RS1/10SR5101D
R	1411,1415		RS1/10SR220J
R	1412,1442		RS1/10SR472J
R	1417,1447,3014,6043		RS1/10SR105J
R	1418		RS1/10SR6201D
R	1420,1431,1440,1451		RS1/10SR1002D
R	1422		RS1/10SR1503D
R	1424,3617		RS1/10SR2002D
R	1425-1427,1454,1456		RS1/4SA0R0J
R	1435		RS1/10SR5102D
R	1436,3801,3802		RS1/10SR5601D
R	1439		RS1/10SR123J
R	1446		RS1/10SR3002D
R	1452		RS1/10SR6202D
R	1609-1612,1809-1812		RS1/10SR1000D
R	1801-1804		RS1/10SR6801D
R	1805-1808		RS1/10SR1501D
R	2292,2678		RS1/16SS5601F
R	2296,2315,2316,2682		RS1/10SR0R0J
R	2726,2731,3007,3038		RS1/10SR0R0J
R	3039,3050-3055,3417		RS1/10SR0R0J
R	3462-3464,6094,6405		RS1/10SR0R0J
R	3616		RS1/16SS1002D
R	3723,3819		RS1/10SR100J
R	3803,3804,3807,3808		RN1/16SE6802D
R	3809,3810		RS1/10SR4701D
	Other Resistors		RS1/16SS###J

Mark No. Description

Part No.

Mark No. Description

Part No.

CAPACITORS

A

C 1001-1004,1014-1016 CKSRYB104K25
 C 1005-1013,1017-1023 CKSSYB104K10
 C 1028,1029,1031-1033 CKSSYB104K10
 C 1030,1034,1221 CKSRYB104K50
 C 1035-1038,1224-1227 CKSSYB104K10

C 1607-1610,1807-1810 CEVW101M16
 C 1615,1616,1619,1620 CEVW220M6R3
 C 1618,1625,1626,1629 CKSSYB104K10
 C 1627,1628,1637,1638 CCH1998
 C 1630,1635,1636,1817 CKSSYB104K10
 C 1631-1634,1831-1834 CKSSYB102K50
 C 1639,1641,1645,1647 CCSRCH102J50

B

C 1047,1048,1419,1420 CKSSYB102K50
 C 1201 CCH1680
 C 1202 CFTLA474J50
 C 1203,1207,1414,1423 DCH1263
 C 1205,1208,1239,3610 CKSSYB103K25

C 1642,1646,1648 CKSRYB103K25
 C 1644,1843,1844,2011 CKSSYB103K16
 C 1803-1806,3810,3811 CKSRYB104K25
 C 1811-1814,1840,1842 CKSRYB103K25
 C 1815,1816,1819,1820 CEVW220M6R3

C

C 1209,1223,1233-1235 CKSSYB104K16
 C 1210,1240,1277,1283 CCG1218
 C 1213,1477,1480-1482 CEVW101M25
 C 1214,1230-1232,1432 CCG1236
 C 1215,1229,1409,1410 CKSRYB104K25

C 1818,1825,1826,1829 CKSSYB104K10
 C 1827,1828,1837,1838 CCH1998
 C 1830,1835,1836,2003 CKSSYB104K10
 C 1839,1841,1845,1847 CCSRCH102J50
 C 1846,1848,3617,3632 CKSRYB103K25

D

C 1216,1220,1236-1238 CCSSCH102J50
 C 1217,2240,2639,3004 CCSSCH101J50
 C 1218 CCSSCH151J50
 C 1222 CEVW331M35
 C 1228,1286,1291,1643 CKSSYB103K16

C 2004,2005 CEVW220M16
 C 2007,2009,2201,2202 CKSSYB104K10
 C 2008,2247,2257,2258 CCG1192
 C 2010,2241,2245,2246 CKSSYB102K50
 C 2012,2212-2215 CKSSYB103K16

E

C 1241-1243,1247,1251 CKSSYB104K10
 C 1244-1246,1265,1467 CKSSYB104K16
 C 1249 CKSSYB223K16
 C 1250,6067 CKSSYB473K16
 C 1255,1256,1260,1264 CKSSYB104K10

C 2203,2204,2603,2604 CEVW470M6R3
 C 2207,2208,2237,2243 CKSSYB104K10
 C 2209,2210,2216-2218 CKSSYB471K50
 C 2219-2226,2228,2230 CKSSYB103K16
 C 2227,2229,2231,2244 CKSSYB471K50

F

C 1259,1261,1262,1287 CCSSCH102J50
 C 1263,1266,1267,1270 CCG1192
 C 1269,1272,1273,3426 CCH1565
 C 1274 CKSRYB334K10
 C 1278,1288,1293,1474 CKSRYB105K10

C 2232-2236,2238,2239 CKSSYB103K16
 C 2242,2249,2250 CKSSYB103K16
 C 2248,2251,2252,2256 CKSSYB471K50
 C 2253-2255,2265-2267 CKSSYB104K10
 C 2259-2261,2275,2276 CKSSYB102K50

G

C 1284,1289,1468 CCG1218
 C 1285,1290,1460,1617 CKSSYB104K10
 C 1292,1437,1440,1476 CCSSCH102J50
 C 1401,1611-1614,1640 CKSRYB103K25
 C 1403,1444 CKSRYB334K25

C 2262-2264,2611-2614 CKSSYB103K16
 C 2268-2270,2646,2656 CCG1192
 C 2273,2601,2602,2607 CKSSYB104K10
 C 2285,2677,3205,3677 CEVW101M16
 C 2294,2312,2609,2610 CKSSYB471K50

H

C 1404 CKSYB225K25
 C 1405,1433 CCSSCH271J50
 C 1407 CKSSYB332K50
 C 1411,1412,1435,1439 CKSQYB105K25
 C 1416,1417 CKSRYB103K50

C 2608,2636,2642 CKSSYB104K10
 C 2615-2617,2626,2628 CKSSYB471K50
 C 2618-2625,2627,2629 CKSSYB103K16
 C 2630,2643,2647,2650 CKSSYB471K50
 C 2631-2635,2637,2638 CKSSYB103K16

I

C 1418 CCSSCH221J50
 C 1421,1425,1426,1442 CKSRYB105K16
 C 1424,1459 CKSYB105K16
 C 1429,1466 CKSSYB682K25
 C 1431,1434,1603-1606 CKSRYB104K25

C 2640,2644,2645 CKSSYB102K50
 C 2641,2648,2649 CKSSYB103K16
 C 2651,2655,2658,2678 CKSSYB471K50
 C 2652-2654,2665-2667 CKSSYB104K10
 C 2657,2668-2670,3244 CCG1192

J

C 1436 CCG1236
 C 1438,1441 CEVW470M25
 C 1446 CKSSYB472K50
 C 1451 CFHXSQ103J16
 C 1453,1458 DCH1263

C 2659-2661,2675,2676 CKSSYB102K50
 C 2662-2664,3002,3208 CKSSYB103K16
 C 2673,2683,2684,3001 CKSSYB104K10
 C 3003,3009,3214,3216 CKSSYB102K50
 C 3005,3007,3010,3201 CKSSYB104K10

K

C 1455 CCSSCH561J50
 C 1456,1461,1462 CKSRYB105K16
 C 1469,1475,2002,2006 CCG1192
 C 1472,2211,6025,6036 CKSSYB104K16
 C 1478,3242 CKSRYB105K10

C 3006 CCSSCH100D50
 C 3008 CCSSCH8R0D50
 C 3012,3013,3016,3018 CKSRYB104K16
 C 3014,3015,3017,3019 CKSRYB102K50
 C 3202,3204,3207,3401 CKSSYB104K10

L

C 1479 CCSSCH102J50
 C 1483 CCH1961
 C 1601,1602,1801,1802 CEVW101M25

C 3203,6017 CEVW470M6R3
 C 3206,3209,6001-6016 CKSSYB471K50

Mark No.	Description	Part No.
C 3210,3213,3215,3217		CKSSYB103K16
C 3218,3220,3222,3224		CKSSYB102K50
C 3219,3221,3223,3225		CKSSYB103K16
C 3226,3228,3230,3232		CKSSYB102K50
C 3227,3229,3231,3233		CKSSYB103K16
C 3234,3236,3238,3403		CKSSYB102K50
C 3235,3237,3239,3241		CKSSYB103K16
C 3240,3404-3407		CCSSCH101J50
C 3245-3251,3402,3415		CKSSYB103K16
C 3408-3410,3603,3606		CKSSYB102K50
C 3411-3413,3416-3420		CKSSYB104K10
C 3422,3602,3605,3609		CKSSYB104K10
C 3601,3608,3619,3627		CCH1565
C 3614,3620,6023		CKSSYB102K50
C 3615,3618,3621,3669		CKSSYB104K10
C 3616,3631,3633,3671		CCSRCH102J50
C 3622,3624,3665,3815		CKSSYB103K16
C 3634,3672,3812,3819		CKSRB103K25
C 3667,3816		CEVW220M6R3
C 3675,3817,3820,6066		CKSSYB104K10
C 3801,3802,3821,6056		CEVW101M16
C 3803,3804		CCSRCH272J50
C 3805,3806		CCSRCH471J50
C 3807,3808		CCSRCH220J50
C 3809,3818		CCSRCH102J50
C 3813,3814		CEVW100M50
C 6030		CKSSYB103K16
C 6031,6034		CCSSCH6R0D50
C 6037,6071,6072		CKSSYB104K16
C 6038-6041,6062-6065		CKSSYB102K50
C 6055		CKSRB104K16
C 6057		CKSSYB471K50
C 6068		CKSSYB103K25
C 6069,6070		CKSSYB102K50

JF MXRA ASSY

SEMICONDUCTORS

IC 4501-4503	TC74HC4052AFT
IC 4504	NJM12903V
Q 4002-4005	LTC123JUB
Q 4006-4014	LSCR523UB
Q 4015,4017,4019,4021	LTC124EUB
Q 4016,4018,4020,4022	2SB1689
Q 4023,4025,4502-4505	LTC124EUB
Q 4024,4026	2SB1689
Q 4501	LTA143EUB
D 4002,4005,4006,4018	LTL17KRH5D
D 4003,4004,4010-4014	LTL17KGH5D
D 4007-4009,4015	LTL17KSL5D
D 4019,4031,4032,4043	LTL17KRH5D
D 4020-4022,4028	LTL17KSL5D
D 4023-4027,4036-4040	LTL17KGH5D
D 4033-4035,4045-4047	LTL17KSL5D
D 4044,4055,4056,4068	LTL17KRH5D
D 4048-4052,4060-4064	LTL17KGH5D
D 4057-4059,4065	LTL17KSL5D
D 4066,4067,4073-4077	LTL17KGH5D

Mark No.	Description	Part No.
D 4069,4526-4533		LTL17KRH5D
D 4070-4072,4078-4080		LTL17KSL5D
D 4081-4084		LTL17KGH5D
D 4501-4523		DA2J101

MISCELLANEOUS

VR 4501-4506 ROTARY VR	DCS1126
VR 4507,4508,4510-4512 ROTARY VR	DCS1104
VR 4509,4513 POTENTIOMETER	DCS1065
VR 4516-4519 POTENTIOMETER	DCS1065
VR 4520,4528 ROTARY VR	DCS1104
VR 4521-4527,4529 POTENTIOMETER	DCS1065
S 4501,4504,4513 SLIDE SWITCH	DSH1058
S 4502,4503,4505,4506 TACT SWITCH	DSG1079
S 4507,4510 SLIDE SWITCH	DSH1066
S 4508,4509,4511,4512 TACT SWITCH	DSG1079
S 4514-4520 TACT SWITCH	DSG1079
CN 4001 25P CONNECTOR	VKN1256
CN 4002 23P CONNECTOR	VKN1254
CN 4501 3P JUMPER CONNECTOR	52147-0310

RESISTORS

All Resistors RS1/10SR###J

CAPACITORS

C 4001,4002	CEJQ101M16
C 4003,4004,4008	CKSRB104K16
C 4006	CEJQ470M6R3
C 4010-4015,4513-4518	CKSRB104K16
C 4519-4530,4538	CKSRB471K50
C 4531,4534,4535,4544	CKSRB104K16
C 4541-4543,4545-4552	CKSRB471K50
C 4553-4560,4562-4564	CKSRB104K16
C 4566-4575,4579,4580	CKSRB104K16

KF MXRB ASSY

SEMICONDUCTORS

IC 7801	TC74HC4052AFT
IC 7802	TC4053BFT
Q 7801,7803,7805,7807	LTC124EUB
Q 7802,7808,7825-7832	LSAR523UB
Q 7804,7806,7810,7812	2SA1577
Q 7809,7811	LTC124EUB
Q 7813,7814	LSCR523UB
D 7801,7802,7807,7808	LTL17KCBH5D
D 7803,7804,7809,7810	LTL17KSL5D
D 7805,7806,7811,7812	LTL17KRH5D
D 7813-7842	DA2J101
D 7843-7846	LTL17KSL5D
D 7847-7850	LTL17KRH5D

MISCELLANEOUS

VR 7801,7804 POTENTIOMETER	DCS1065
VR 7802,7803 ROTARY VR	DCS1104
S 7801,7802,7804,7805 TACT SWITCH	DSG1079
S 7803,7806,7809 SLIDE SWITCH	DSH1058
S 7807,7808,7810,7811 TACT SWITCH	DSG1079
S 7812,7815 SLIDE SWITCH	DSH1058
S 7813,7814,7816,7817 TACT SWITCH	DSG1079
CN 7801 27P CONNECTOR	VKN1258
CN 7802 PLUG(3P)	KM200NA3
CN 7803 PLUG(3P)	KM200NA3R

Mark No. Description

CN 7804 PLUG(3P)
 CN 7805 PLUG(3P)
 JH 7801 CRIMP CONNECTOR
 JH 7802,7803 3P CABLE HOLDER
 JP 7802,7803 3P JUMPER WIRE

RESISTORS

All Resistors

CAPACITORS

C 7801,7808-7819
 C 7804-7807
 C 7821-7823

Part No.

KM200NA3E
 KM200NA3Y
 PF03PG-R15
 51048-0300
 D20PDY0310E

RS1/10SR###J

CKSRYB104K16
 CKSRYB471K50
 CEJQ470M6R3

Mark No. Description

CN 9271 L-PLUG(3P)

RESISTORS

All Resistors

SF JLR1 ASSY**SEMICONDUCTORS**

Q 9311-9314
 D 9311
 D 9312

MISCELLANEOUS

CN 9311 L-PLUG(3P)

RESISTORS

All Resistors

TF JLR2 ASSY**SEMICONDUCTORS**

Q 9331-9334
 D 9331
 D 9332

MISCELLANEOUS

CN 9331,9332 L-PLUG(3P)

RESISTORS

All Resistors

UF JLR3 ASSY**SEMICONDUCTORS**

Q 9351-9354
 D 9351
 D 9352

MISCELLANEOUS

CN 9351,9352 L-PLUG(3P)

RESISTORS

All Resistors

VF JLR4 ASSY**SEMICONDUCTORS**

Q 9371-9374
 D 9371
 D 9372

MISCELLANEOUS

CN 9371 L-PLUG(3P)

RESISTORS

All Resistors

WF JOGTL ASSY**SEMICONDUCTORS****Part No.**

KM200NA3L

RS1/10SR###J

LSAR523UB
 LTL17KCBH5D
 SLR343WBC7T

KM200NA3L

RS1/10SR###J

LSAR523UB
 LTL17KCBH5D
 SLR343WBC7T

KM200NA3L

RS1/10SR###J

LSAR523UB
 LTL17KCBH5D
 SLR343WBC7T

KM200NA3L

RS1/10SR###J

LSAR523UB
 LTL17KCBH5D
 SLR343WBC7T

KM200NA3L

RS1/10SR###J

OF JLL1 ASSY**SEMICONDUCTORS**

Q 9211-9214
 D 9211
 D 9212

MISCELLANEOUS

CN 9211 L-PLUG(3P)

RESISTORS

All Resistors

PF JLL2 ASSY**SEMICONDUCTORS**

Q 9231-9234
 D 9231
 D 9232

MISCELLANEOUS

CN 9231,9232 L-PLUG(3P)

RESISTORS

All Resistors

QF JLL3 ASSY**SEMICONDUCTORS**

Q 9251-9254
 D 9251
 D 9252

MISCELLANEOUS

CN 9251,9252 L-PLUG(3P)

RESISTORS

All Resistors

RF JLL4 ASSY**SEMICONDUCTORS**

Q 9271-9274
 D 9271
 D 9272

MISCELLANEOUS

Mark No. Description

IC 8601
D 8601

MISCELLANEOUS

L 8601-8603 INDUCTOR
KN 8601-8603 EARTH TERMINAL
CN 8601 PLUG(8P)
CN 8602 L-PLUG(4P)
CN 8603,8604 L-PLUG(3P)

VA 8601,8602 SMD VARISTOR

RESISTORS

R 8601,8602
R 8603
Other Resistors

CAPACITORS

C 8601
C 8602
C 8603

X F JOGTR ASSY**SEMICONDUCTORS**

IC 8701
D 8701

MISCELLANEOUS

L 8701-8703 INDUCTOR
KN 8701-8703 EARTH TERMINAL
CN 8701 PLUG(8P)
CN 8702 L-PLUG(4P)
CN 8703,8704 L-PLUG(3P)

VA 8701,8702 SMD VARISTOR

RESISTORS

R 8701,8702
R 8703
Other Resistors

CAPACITORS

C 8701
C 8702
C 8703

Y F JOGR ASSY**MISCELLANEOUS**

CN 8801 PLUG(4P)

RESISTORS

All Resistors

MISCELLANEOUS

PC 8801 PHOTO INTERRUPTER

CAPACITORS

C 8801
C 8802,8803

Z F DEUP ASSY**Part No.**

DYW1858
RB501VM-40

CTF1379
AKF7002
KM200NA8
KM200NA4L
KM200NA3L

EZJZ1V80010

DCN1187
RS1/10SR4701D
RS1/10SR###J

CCSRCH101J50
CKSRYB104K16
DCH1201

DYW1858
RB501VM-40

CTF1379
AKF7002
KM200NA8
KM200NA4L
KM200NA3L

EZJZ1V80010

DCN1187
RS1/10SR4701D
RS1/10SR###J

CCSRCH101J50
CKSRYB104K16
DCH1201

KM200NA4

RS1/10SR###J

KE-2K18-15

CKSRYB105K10
CKSRYB103K50

Mark No. Description**SEMICONDUCTORS**

IC 6004
Q 6001,6002
Q 6001,6002,6004,6006
Q 6003,6005,6007
Q 6008

Q 6009,6012
Q 6010,6011
Q 6013-6015
D 6001,6005,6008,6017
D 6002

D 6018,6020-6026,6031
D 6032,6033,6041-6046
D 6040
D 6051

MISCELLANEOUS

VR 6001-6003 ROTARY VR
VR 6004 ROTARY VR
S 6001,6004 ROTARY ENCODER
S 6002,6005-6013 TACT SWITCH
CN 6001 32P CONNECTOR

CN 6002 15P CONNECTOR
CN 6003 3P JUMPER CONNECTOR
JH 6001 5P CABLE HOLDER
JP 6001 JUMPER WIRE

RESISTORS

All Resistors

CAPACITORS

C 6001,6002,6006-6009
C 6003,6010-6013
C 6022-6024
C 6025,6026

AA F DEUPR ASSY**SEMICONDUCTORS**

IC 6004
Q 6001,6002,6004,6006
Q 6001,6002
Q 6003,6005,6007

Q 6008
Q 6010,6011
Q 6012
Q 6013-6015
D 6001,6005,6008,6032

D 6002
D 6018,6020-6026,6031
D 6033,6041-6046,6051
D 6040

MISCELLANEOUS

VR 6001-6003 ROTARY VR
VR 6004 ROTARY VR
S 6001,6004 ROTARY ENCODER
S 6002,6005,6006 TACT SWITCH
S 6008-6013 TACT SWITCH

CN 6001 32P CONNECTOR
CN 6002 15P CONNECTOR
JH 6001 5P CABLE HOLDER

Part No.

TC74HC4052AFT
LSAR523UB
ISA1602AM1
LTC124EUB
ISA1602AM1

LTC123JUB
LSCR523UB
LTC124EUB
LTL17KRH5D
LTL17KCBH5D

DA2J101
LTL17KRH5D
DA2J101
LTL17KRH5D

DCS1125
DCS1121
DSX1133
DSG1079
VKN1263

VKN1246
52147-0310
51048-0500
D20PDY0510E

RS1/10SR###J

CKSRYB471K50
CKSRYB104K16
CKSRYB104K16
CEJQ470M6R3

TC74HC4052AFT
ISA1602AM1
LSAR523UB
LTC124EUB

ISA1602AM1
LSCR523UB
LTC123JUB
LTC124EUB
LTL17KRH5D

LTL17KCBH5D
DA2J101
LTL17KRH5D
DA2J101

DCS1125
DCS1121
DSX1133
DSG1079
DSG1079

VKN1263
VKN1246
51048-0500

Mark No. Description

JP 6001 JUMPER WIRE

Part No.

D20PDY0510E

Mark No. Description

MISCELLANEOUS

VR 8401 SLIDE VR
S 8401-8403,8405-8408 TACT SWITCH
CN 8401 5P JUMPER CONNECTOR
CN 8402 13P CONNECTOR

Part No.

DCV1033
DSG1079
52147-0510
VKN1244

A

RESISTORS

All Resistors

RS1/10SR###J

RESISTORS

All Resistors

RS1/10SR###J

CAPACITORS

C 6001,6002,6006-6009
C 6003,6010-6013
C 6022-6024
C 6025,6026

CKSRYB471K50
CKSRYB104K16
CKSRYB104K16
CEJQ470M6R3

CAPACITORS

C 8401,8405
C 8402,8403
C 8404

CEJQ470M6R3
CKSRYB392K50
CKSRYB104K16

AB F PSWB ASSY

MISCELLANEOUS

S 8901 PUSH SW
CN 8901 3P JUMPER CONNECTOR

ASG1102
52147-0310

AJ F SW POWER SUPPLY

* When replacement of the SW POWER SUPPLY is required, be sure to order the SW POWER SUPPLY (DWR1566) which is a parent Assy.

B

RESISTORS

All Resistors

RS1/10SR###J

AC F KSWB ASSY

SEMICONDUCTORS

Q 8201,8203,8205
Q 8202,8204,8206
Q 8207,8208
Q 8209
Q 8210-8212,8216-8220

LTC124EUB
ISA1602AM1
LTC123JUB
2SC4154-11
LSAR523UB

Q 8213-8215
D 8201,8202,8206
D 8203
D 8207
D 8208

LTC124EUB
LTL17KCBH5D
LTL17KRH5D
SLR343WBC7T
LTL17KSL5D

D 8209-8211
D 8212-8217

LTL17KGH5D
DA2J101

D

MISCELLANEOUS

S 8201-8206 TACT SWITCH
S 8207,8208 TACT SWITCH
CN 8201 15P CONNECTOR

DSG1079
DSG1117
VKN1246

RESISTORS

All Resistors

RS1/10SR###J

CAPACITORS

C 8201,8204
C 8205

CKSRYB104K16
CEJQ470M6R3

E

AD F SLDB ASSY

SEMICONDUCTORS

Q 8411,8413,8415,8419
Q 8412,8416,8422
Q 8414,8420
Q 8421
Q 8426,8429

LTC124EUB
2SA1577
LSAR523UB
LTC124EUB
LTC123JUB

Q 8428
D 8401,8431,8434,8437
D 8411-8417,8419-8422
D 8440-8443,8445,8447
D 8449

2SC4154-11
LTL17KRH5D
DA2J101
LTL17KRH5D
LTL17KRH5D

F