

Service Manual



XDJ-RX2

ORDER NO.
RRV4674

DJ SYSTEM

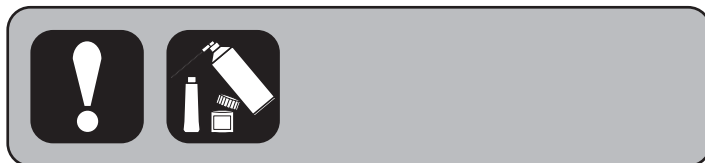
XDJ-RX2

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

Model	Type	Power Requirement	Remarks
XDJ-RX2	JXJ	AC 100 V	
XDJ-RX2	LWSYXJ	AC 110 V to 240 V	
XDJ-RX2	UXJCB	AC 110 V to 240 V	
XDJ-RX2	AXJ	AC 110 V to 240 V	

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

Model	Order No.	Remarks
XDJ-RX2	RRV4673	BLOCK DIAGRAM, EXPLODED VIEWS AND PARTS LIST etc.



Pioneer DJ Corporation

6F, Yokohama i-Mark Place, 4-4-5 Minatomirai, Nishi-ku, Yokohama, Kanagawa 220-0012 JAPAN

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.

B

■

C

■

D

■

E

■

F

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B

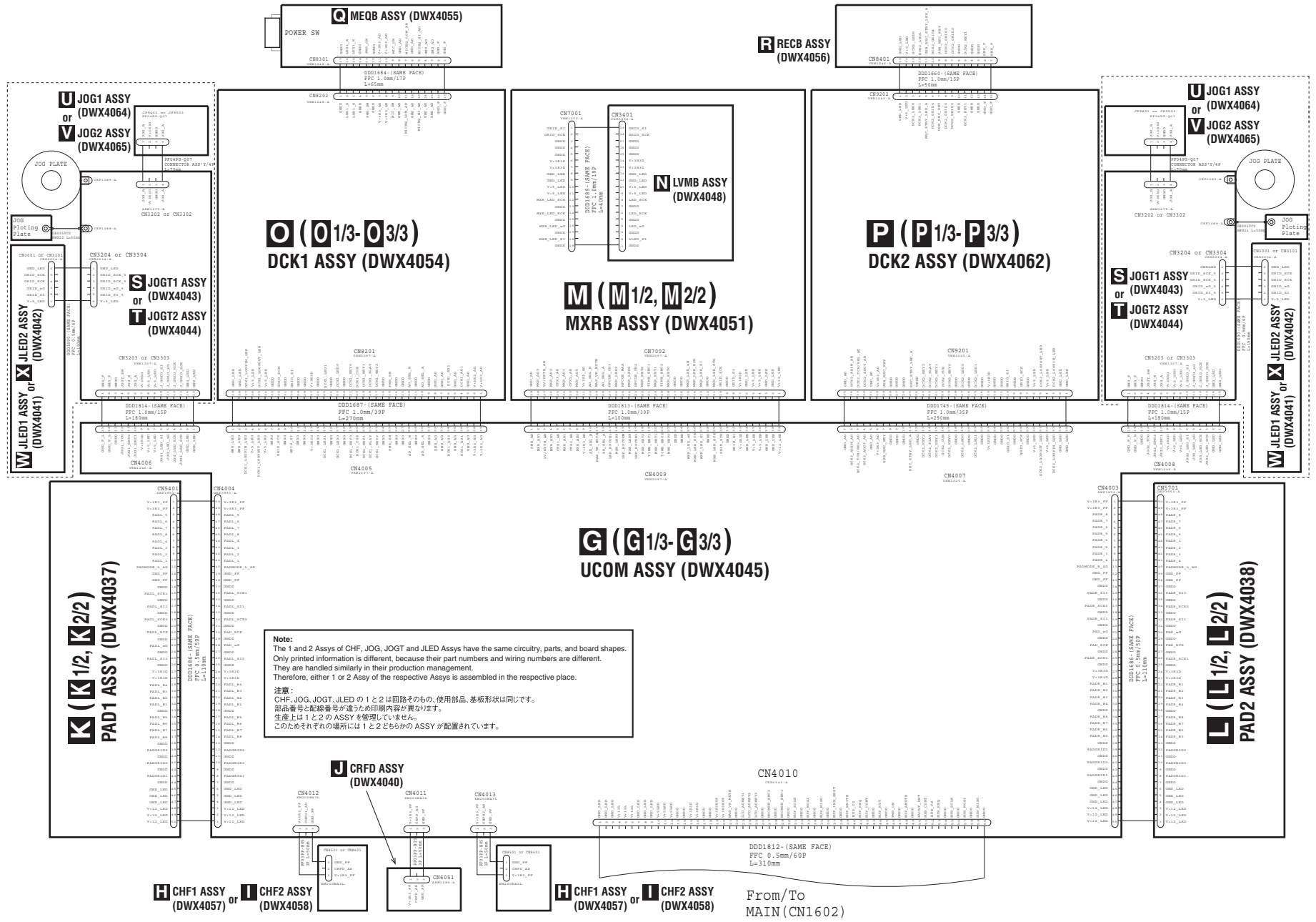
C

D

E

F

10. SCHEMATIC DIAGRAM

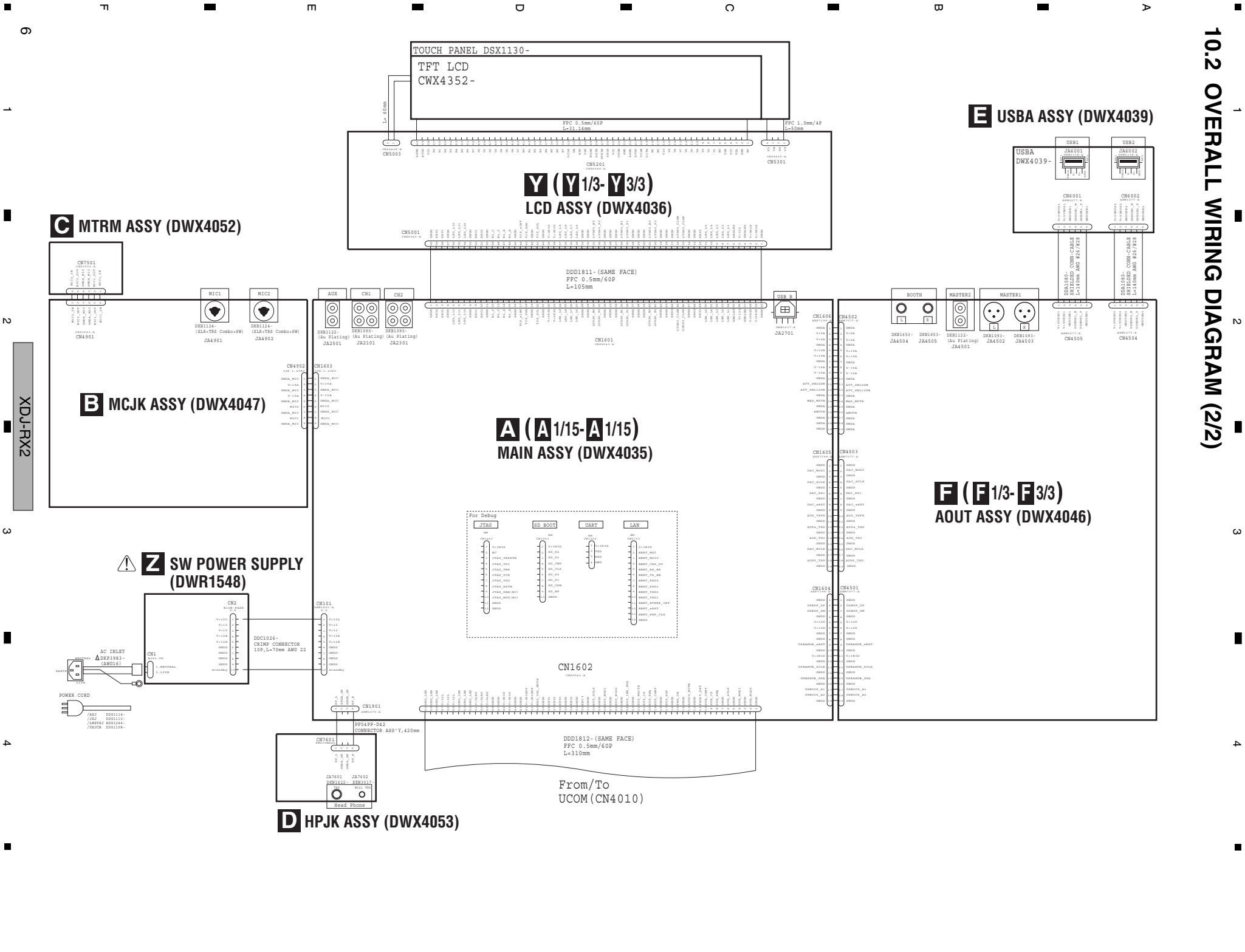


10. SCHEMATIC DIAGRAM 10.1 OVERALL WIRING DIAGRAM (1/2)

5
6
7
8
5

XDJ-RX2

F E D C B A



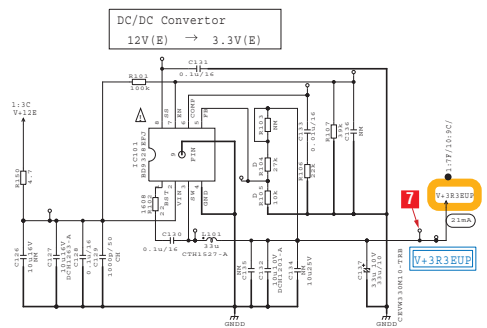
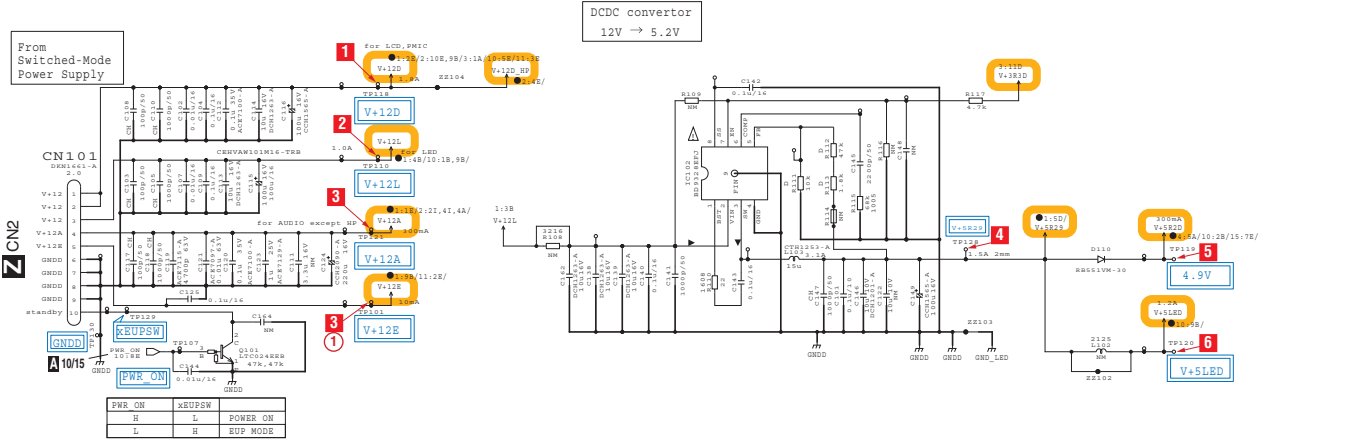
XDU-RX2

6
1
2
3
4

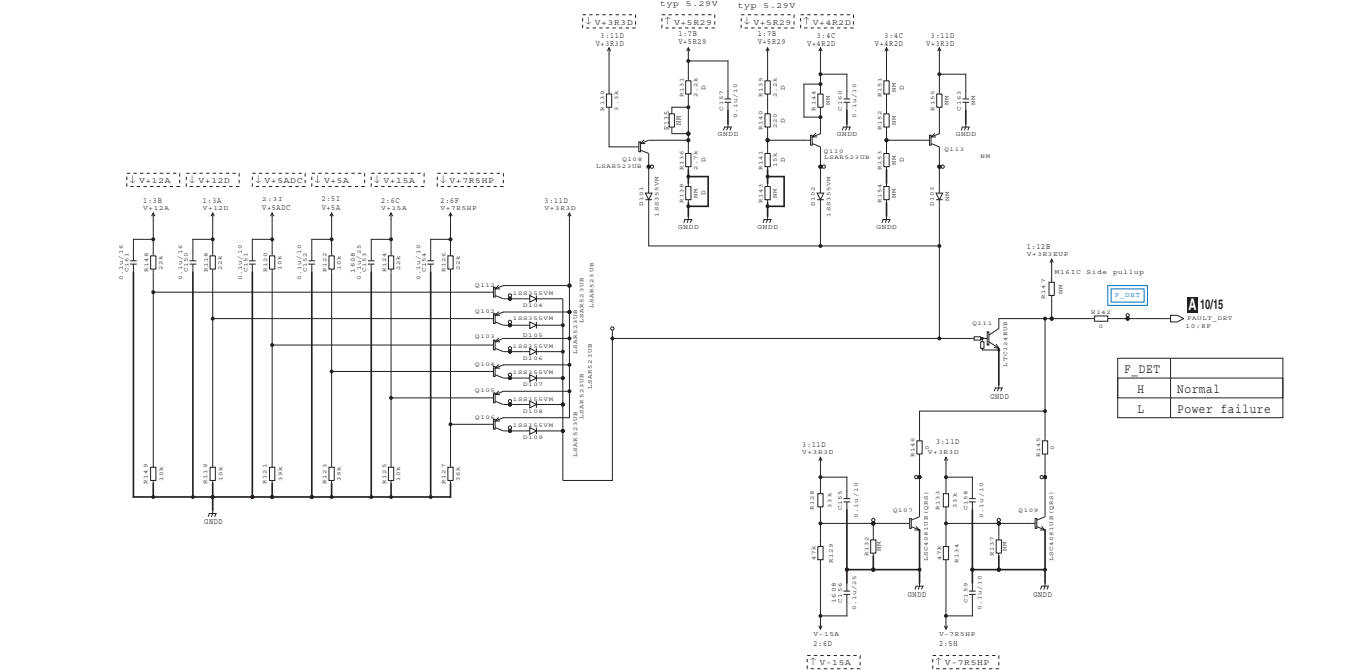
A
B
C
D
E
F

A 1/15 MAIN ASSY (DWX4035)

Ref 101-300



VOLTAGE DETECTION CIRCUIT



F	DET
H	Normal
L	Power failure

*RESISTORS
Indicated in Ω, ±5% tolerance
Unless otherwise noted. K:KΩ, M:MΩ.

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

NOTES	
□	No Mount
■	SAB4C0***J
○	CS6V5***K
○	CS6V5***L
○	CS6V5***M
○	CS6V5***N
○	CS6V5***O
○	CS6V5***P
○	CS6V5***Q
○	CS6V5***R
○	CS6V5***S
○	CS6V5***T
○	CS6V5***U
○	CS6V5***V
○	CS6V5***W
○	CS6V5***X
○	CS6V5***Y
○	CS6V5***Z

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

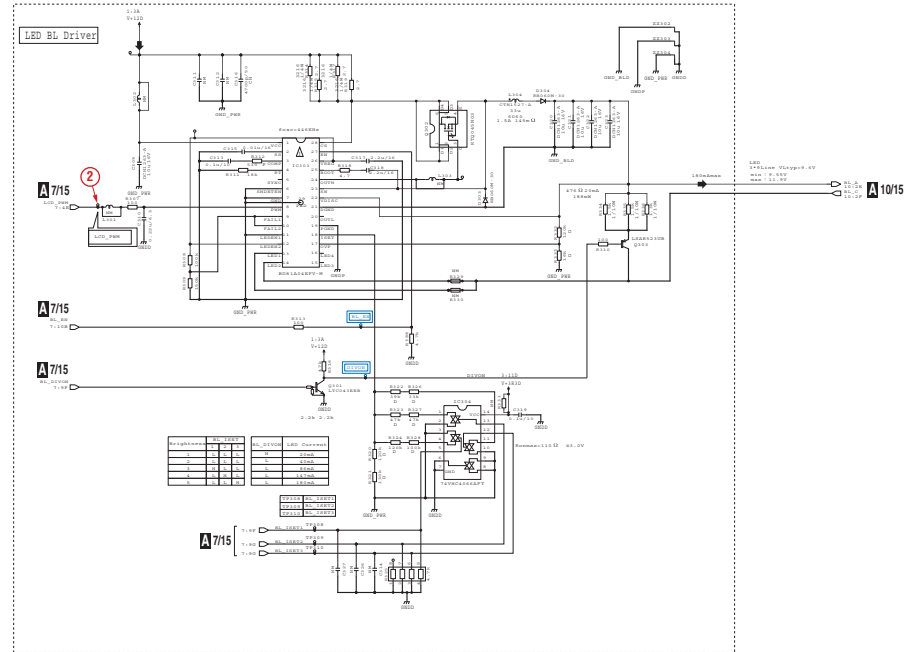
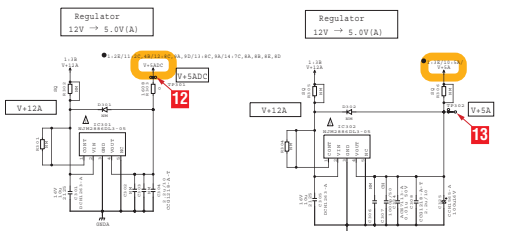
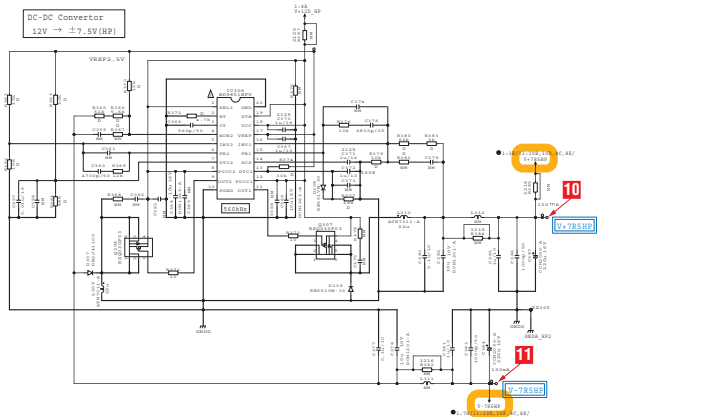
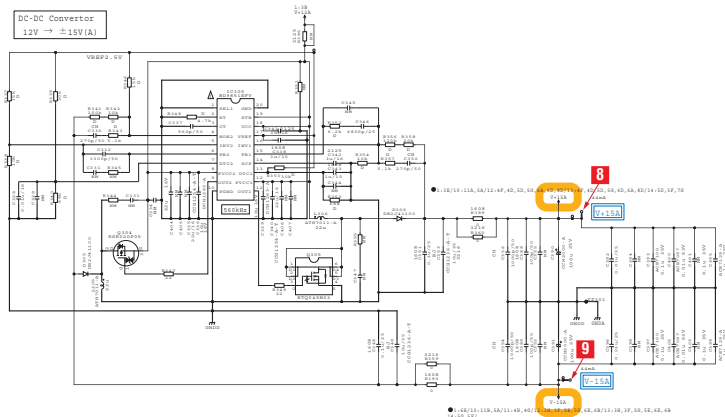
• Δ印の部品は、安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

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

XDU-RX2

A 2/15 MAIN ASSY (DWX4035)

Ref 301-500



Symbol	Meaning
Δ <td>Important parts (Safety factor)</td>	Important parts (Safety factor)
□	Check point for service

REGISTERS
Indicated in ID, 0.5% tolerance
UNLESS OTHERWISE NOTED: 0.1% D, 0.1% X0.

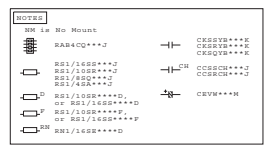
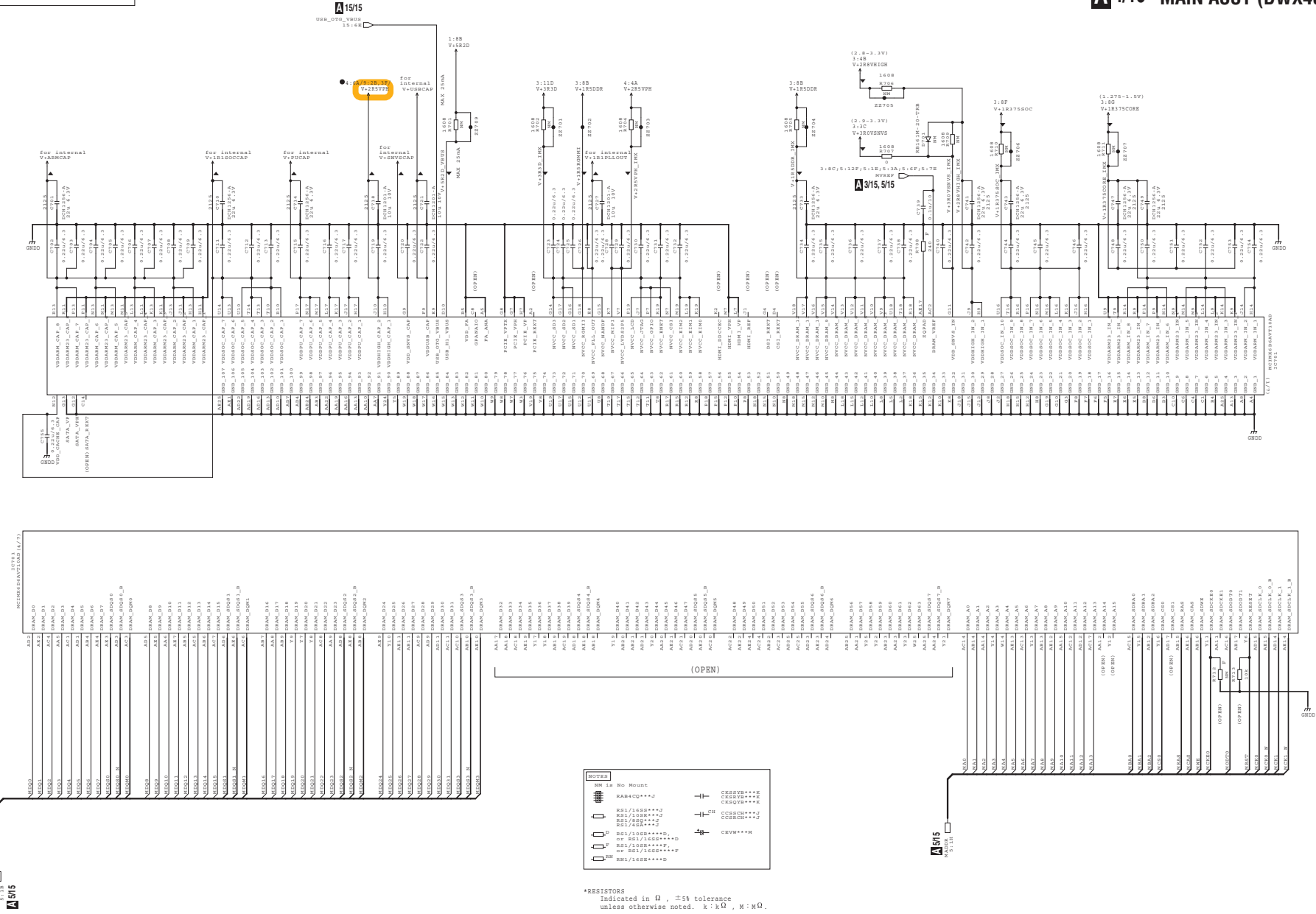
CAPACITORS
Indicated in Capacity/Voltage(V)
UNLESS OTHERWISE NOTED: 0.1% P, 1% PP

• The Δ mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.
• Δ 印の部品は、安全上重要な部品です。
交換するときは、安全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。

□ Check point for service.
(Legend silk indication on the PCB.)

A 4/15 MAIN ASSY (DWX4035)

Ref 701-900



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

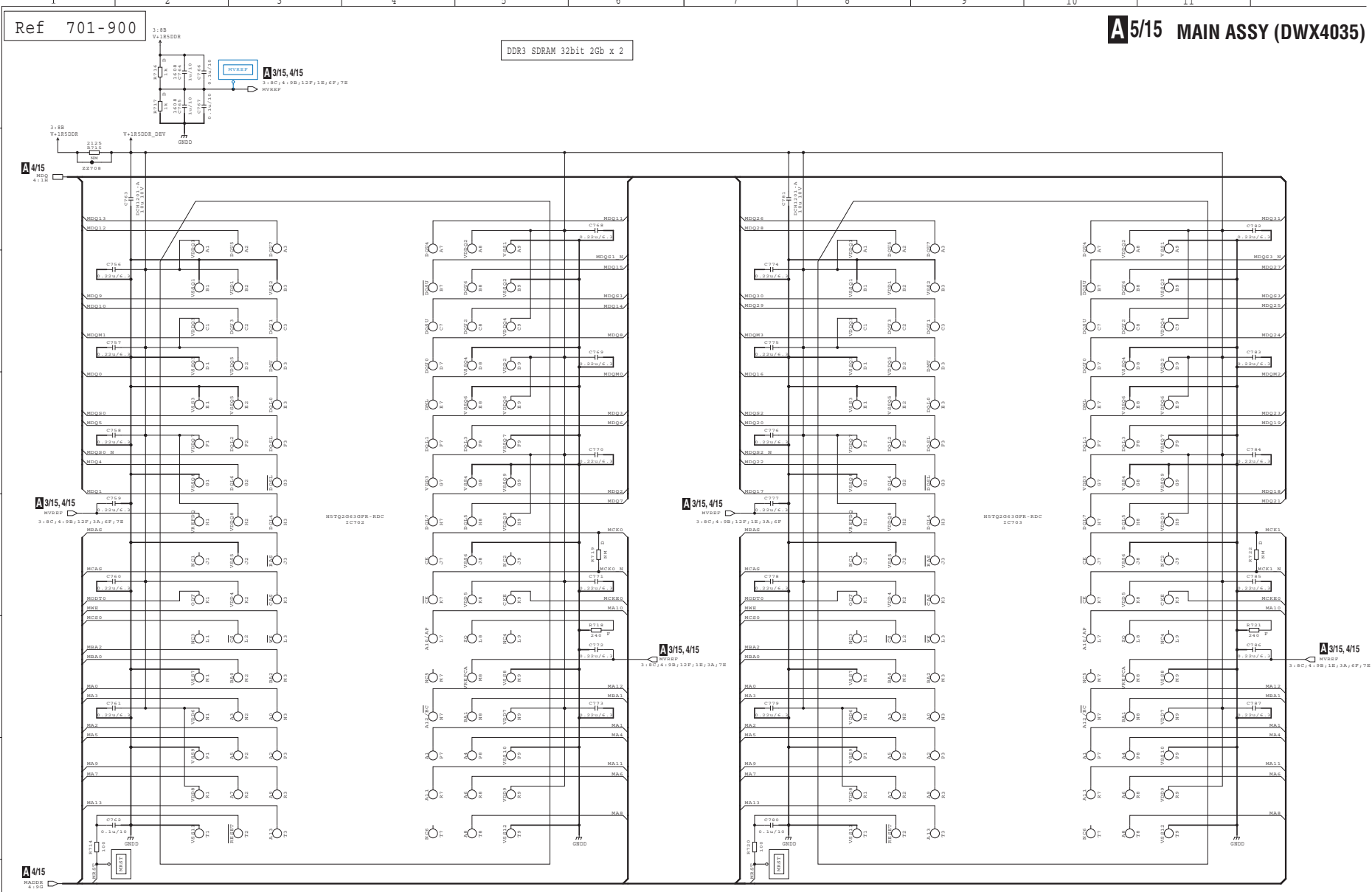
*CAPACITORS
Indicated in Capacity/Voltage (V)
unless otherwise noted. u: μF, p: pF

XDU-RX2

A 4/15

A 4/15

A 5/15 MAIN ASSY (DWX4035)



Ref 701-900

DDR3 SDRAM 32bit 2Gb x 2

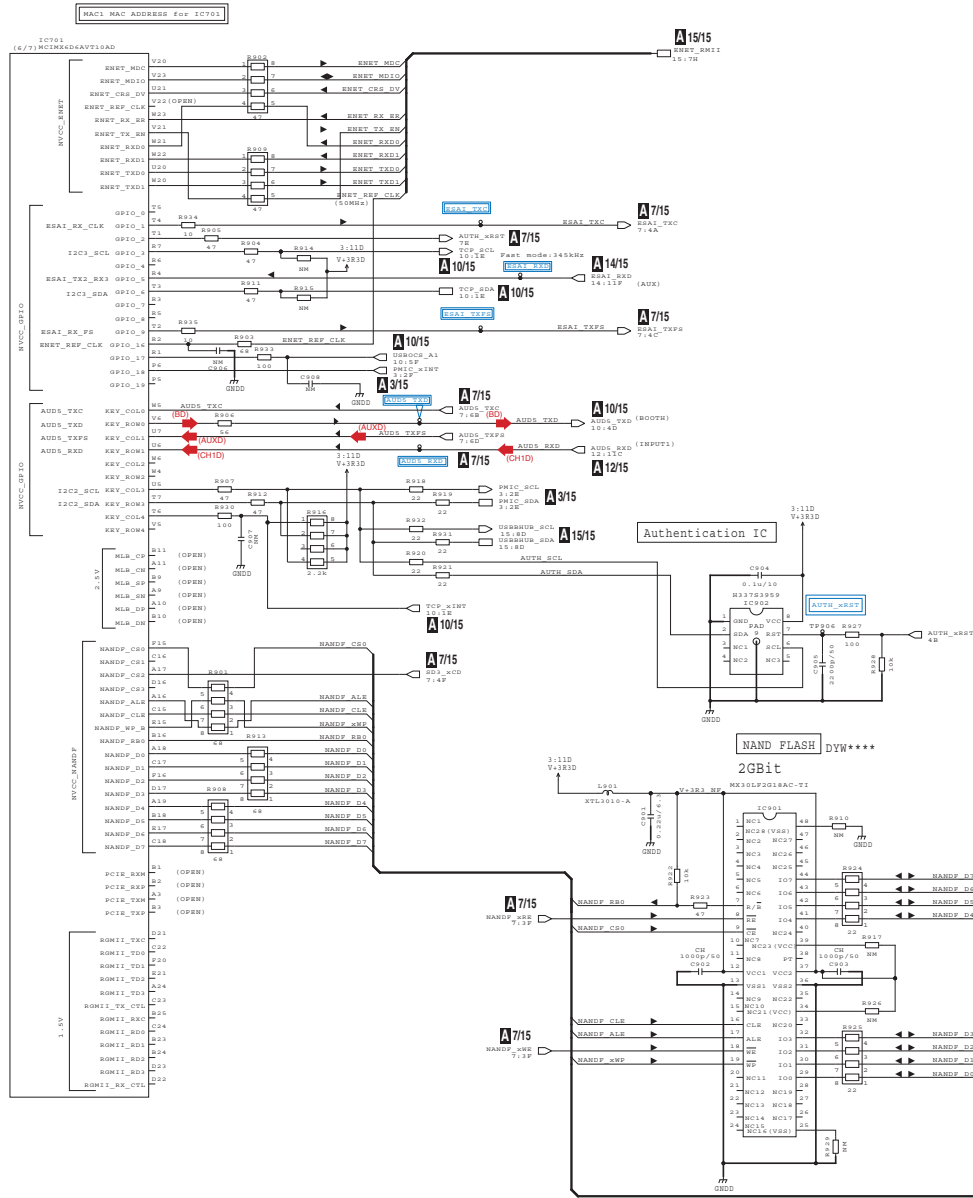
XDU-RX2

<p>NO MOUNT</p> <p>RM = No Mount</p> <p>R01/1680***J</p> <p>R01/1680***P</p> <p>R01/1680***K</p> <p>R01/1680***J</p> <p>R01/1680***D</p> <p>R01/1680***D</p> <p>R01/1680***P</p> <p>R01/1680***P</p>		<p>RESISTORS</p> <p>Indicated in Ω, $\pm 5\%$ tolerance unless otherwise noted. k: kΩ, M: MΩ.</p> <p>CAPACITORS</p> <p>Indicated in Capacity/Voltage(V) unless otherwise noted. u: pF, p: pF</p>	
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J
	CKSSV***K		CCSC***J

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

A 6/15 MAIN ASSY (DWX4035)

Ref 901 - 1000



NOTES	
SM is No Mount	
RABACQ***J	CS55V***K
R1/16S***J	CS20V***K
R1/8S***J	CS50V***J
R1/4S***J	CS50V***J
R1/10S***D, R1/16S***D, R1/10S***F, R1/16S***F	CVW***M
R1/16S***P	

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

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

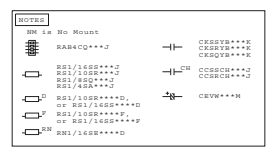
***** The check point for service. (Legend silk indication on the PCB.)

(CH1) : CH1 Digital Signal (L ch)
(AUXD) : AUX Digital Signal (L ch)
(BD) : BOOTH OUT Digital Signal (L ch)

Ref 1401 - 1600

A 9/15 MAIN ASSY (DWX4035)

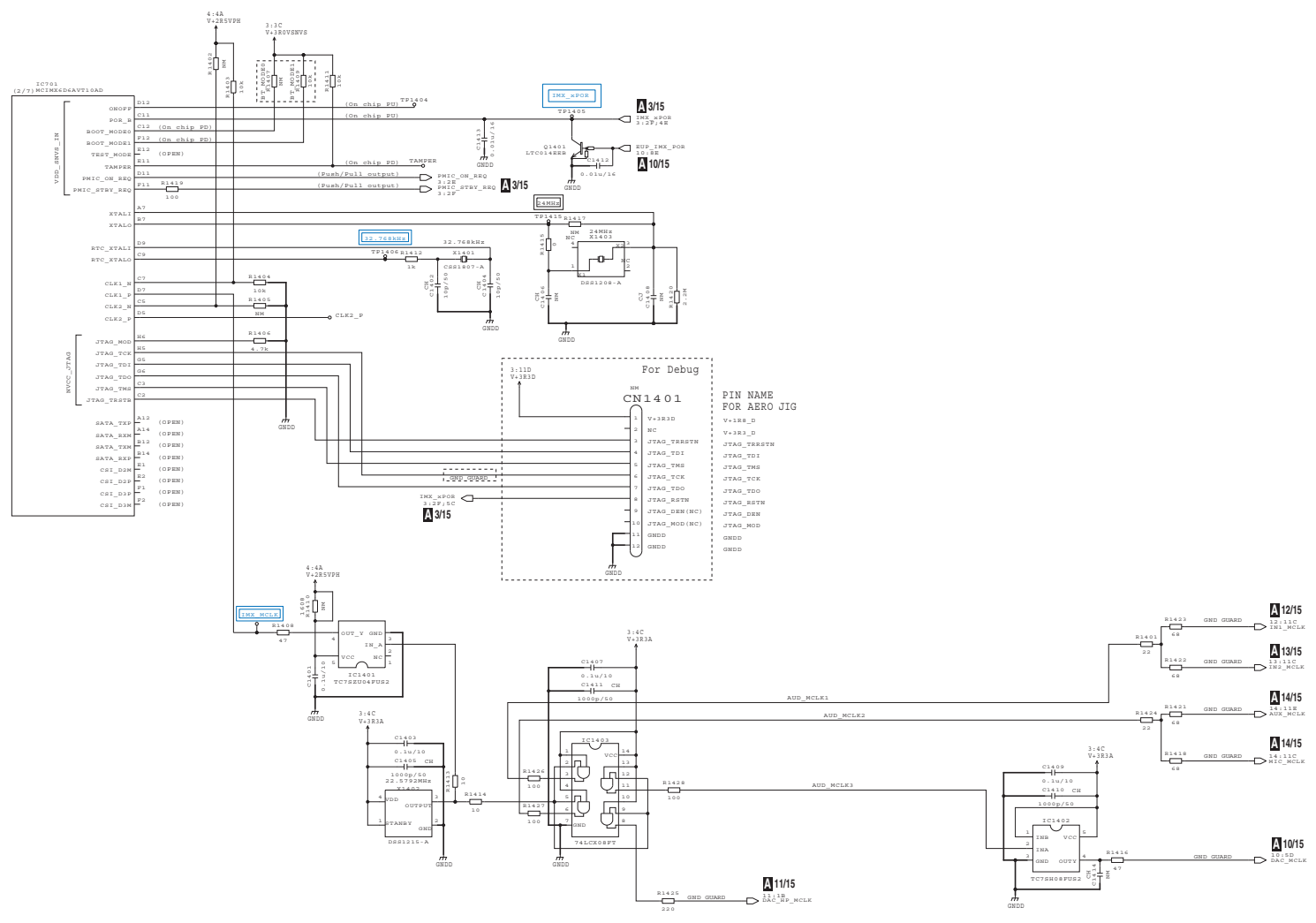
BOOT MODE[1:0] ※0 : OPEN	
00	Boot from fuses
01	Serial downloader
10	Boot from board settings (Board Default)
11	Reserved



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

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

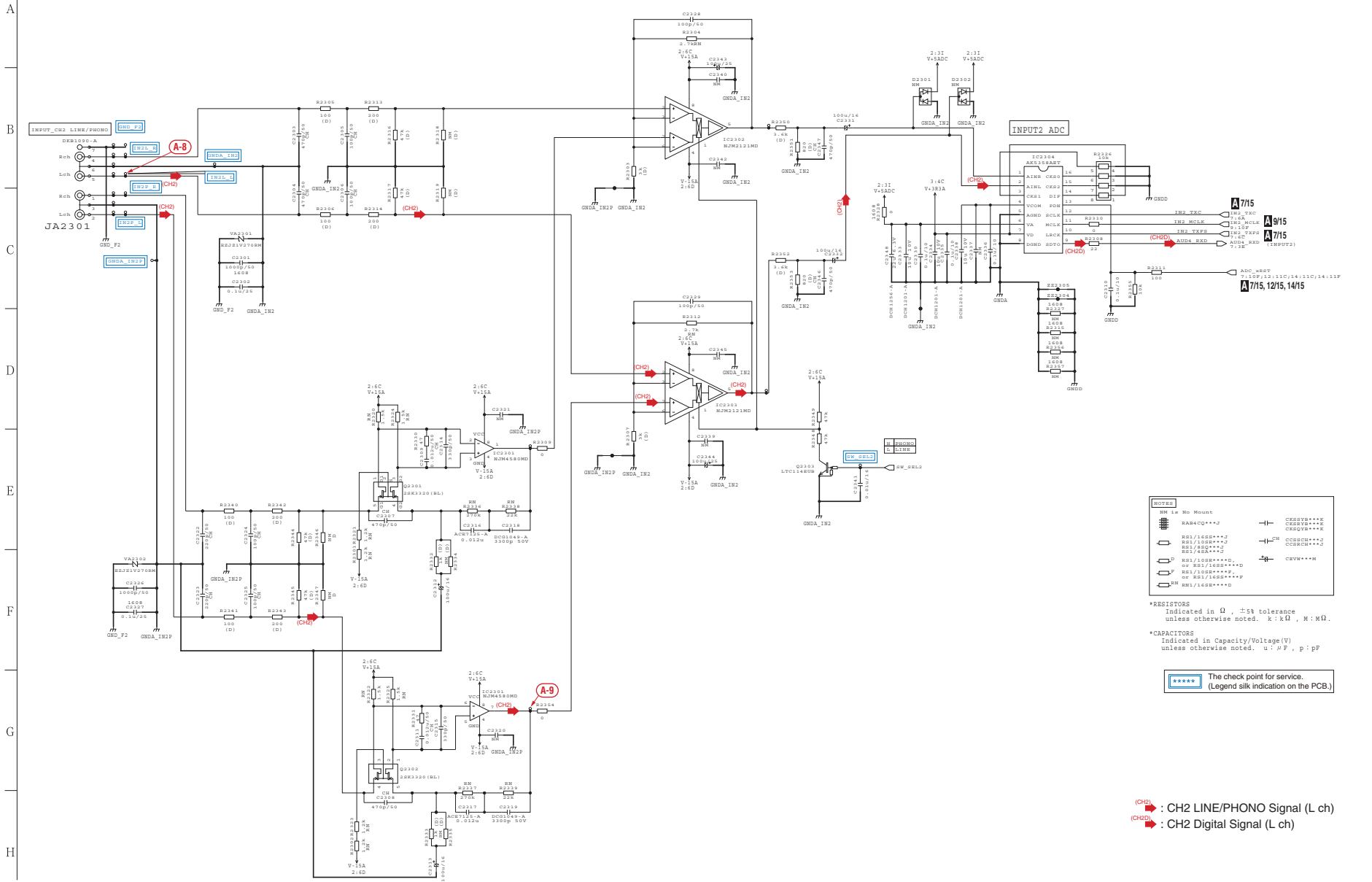
[****] The check point for service. (Legend silk indication on the PCB.)



XDU-RX2

A 13/15 MAIN ASSY (DWX4035)

Ref 2301 - 2500



NOTES	
SW 1x No Mount	C625V***
R484CQ***	C625V***
RS/168***J	C625V***
RS/168***J	C625V***
RS/168***J	C625V***
RS/168***D	C625V***
RS/168***D	C625V***
RS/168***D	C625V***
RS/168***D	C625V***
RS/168***D	C625V***

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

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

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

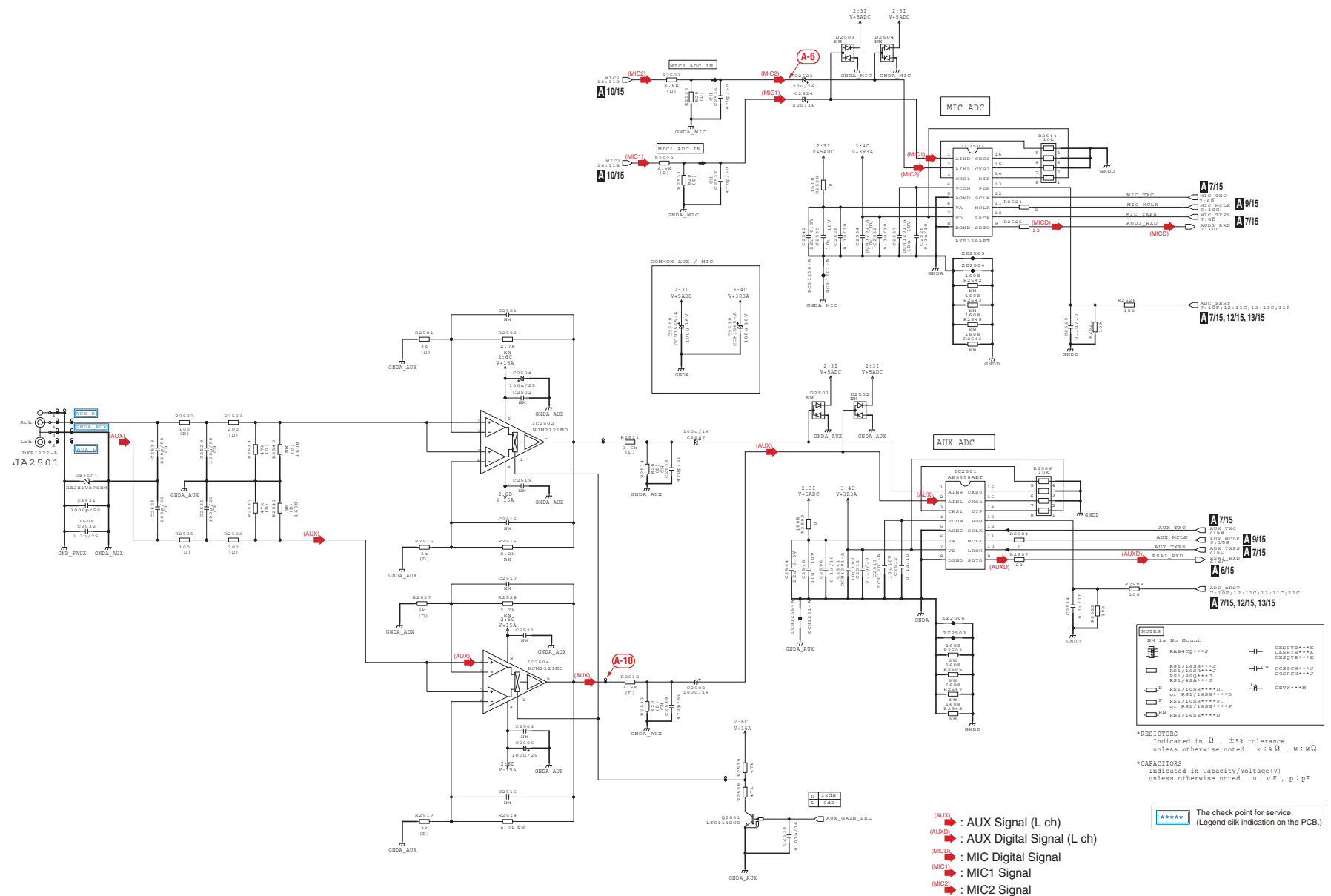
(CH2) : CH2 LINE/PHONO Signal (L ch)
(CH2D) : CH2 Digital Signal (L ch)

XDU-RX2

A14/15 MAIN ASSY (DWX4035)

Ref 2501 - 2700

XDU-RX2



NOTES

⌀	Not to Mount	⊗	CS2V****
⊗	RA84C0***	⊕	CS2V****
⊕	RS1/168***	⊖	CS2V****
⊖	RS1/168***	⊗	CS2V****
⊗	RS1/168***	⊕	CS2V****
⊕	RS1/168***	⊖	CS2V****
⊖	RS1/168***	⊗	CS2V****
⊗	RS1/168***	⊕	CS2V****
⊕	RS1/168***	⊖	CS2V****
⊖	RS1/168***	⊗	CS2V****

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

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

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

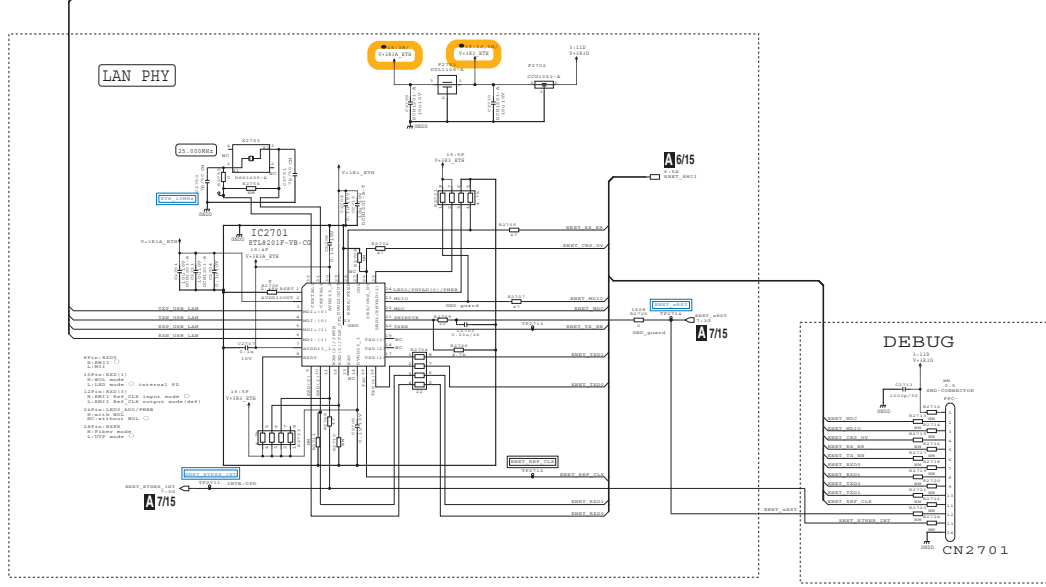
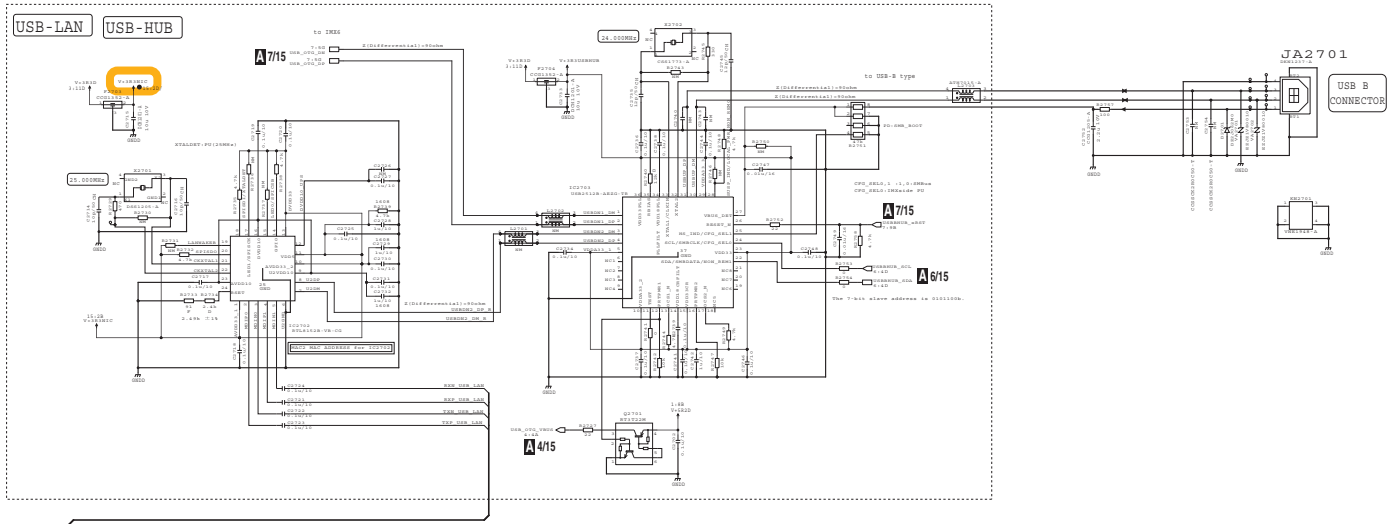
- (AUX) : AUX Signal (L ch)
- (AUXD) : AUX Digital Signal (L ch)
- (MICD) : MIC Digital Signal
- (MIC1) : MIC1 Signal
- (MIC2) : MIC2 Signal

A14/15

A14/15

Ref 2701 - 2900

A 15/15 MAIN ASSY (DWX4035)



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

XDU-RX2

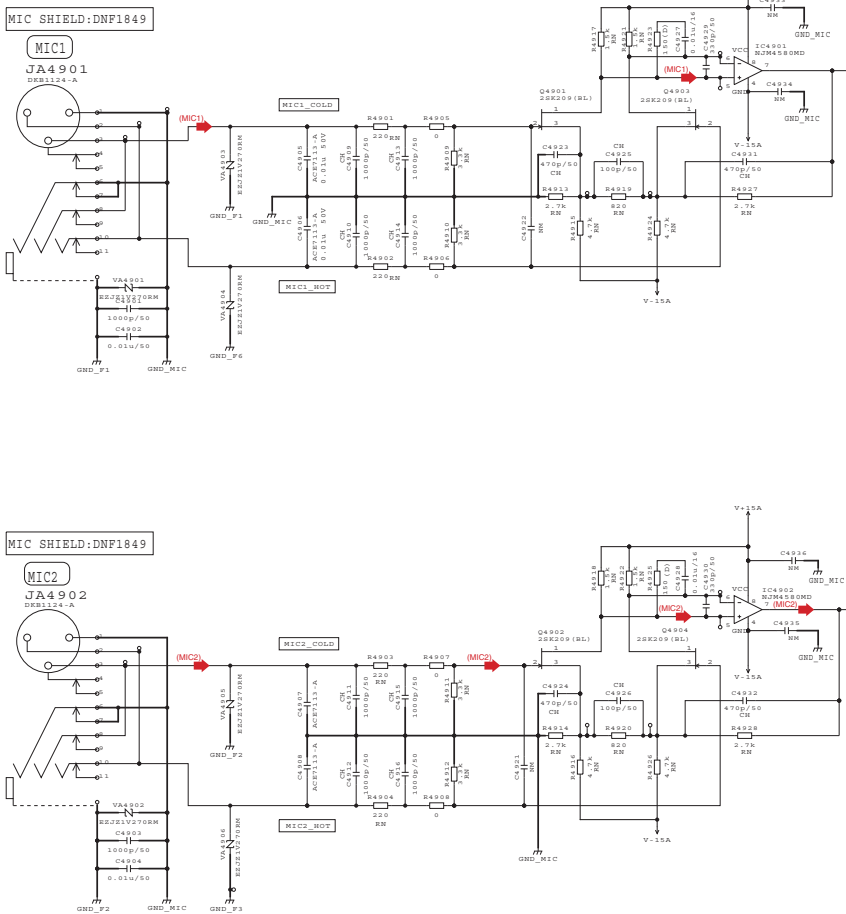
1

2

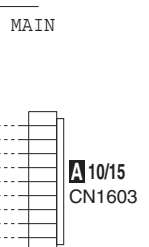
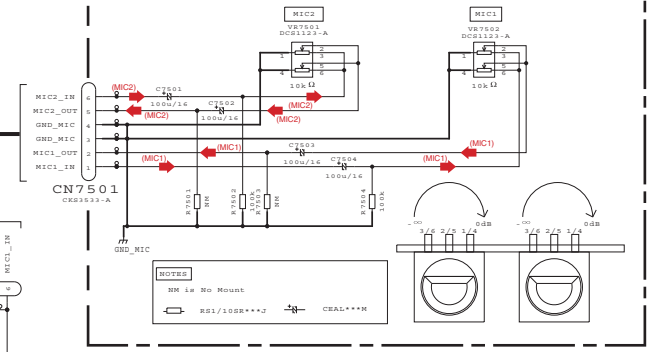
3

4

B MCJK ASSY (DWX4047)



C MTRM ASSY (DWX4052)

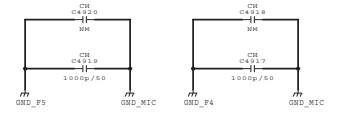


A 10/15
CN1603

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

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

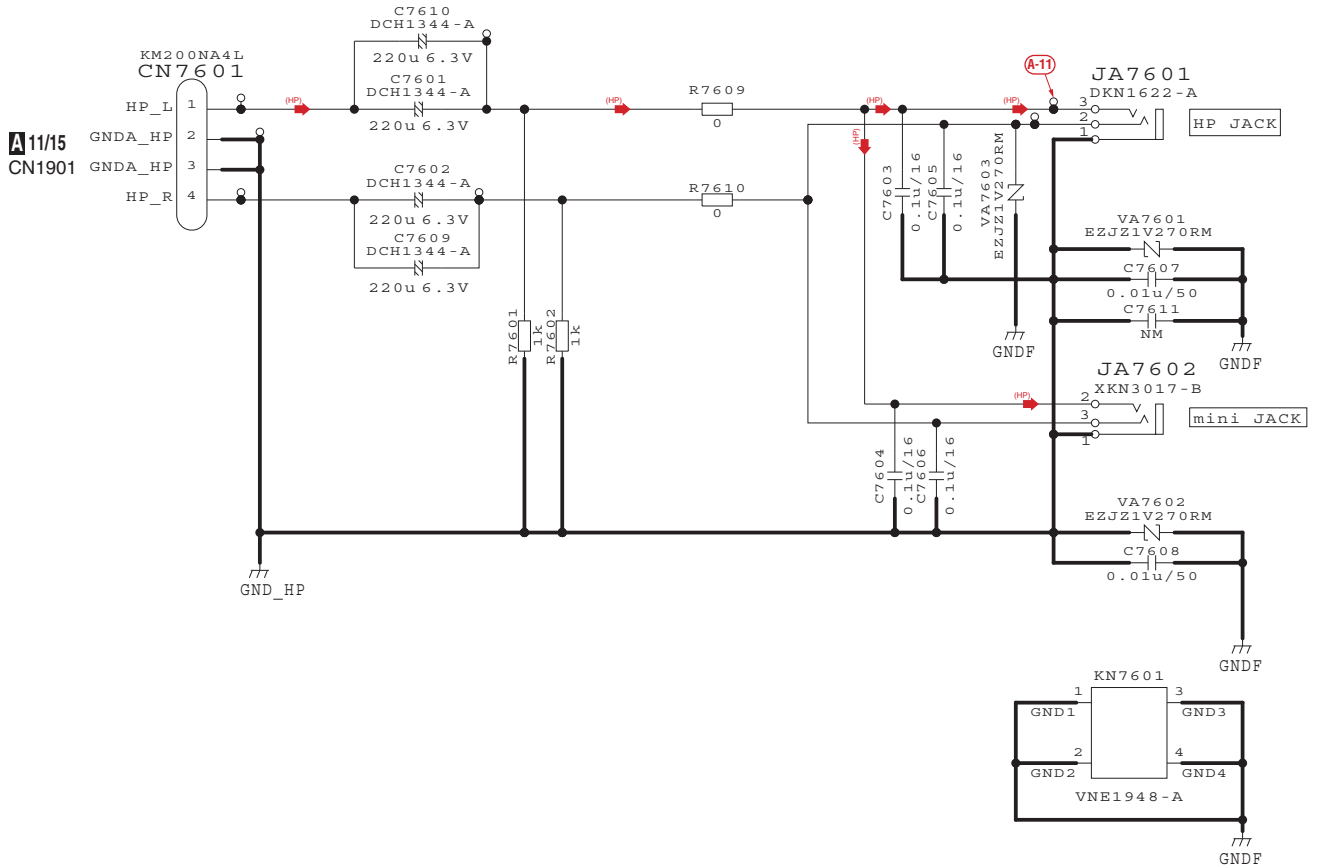
NOTES	
NM is No Mount	CKS5V8***K
R51/100pF+J	CS5V8***K
R51/100pF+D	CS5V8***J
R51/100pF+D	CS5V8***M



(MIC1) : MIC1 Signal
(MIC2) : MIC2 Signal

B C

B C



NOTES

NM is No Mount

RS1/10SR***J CKSRYB***K

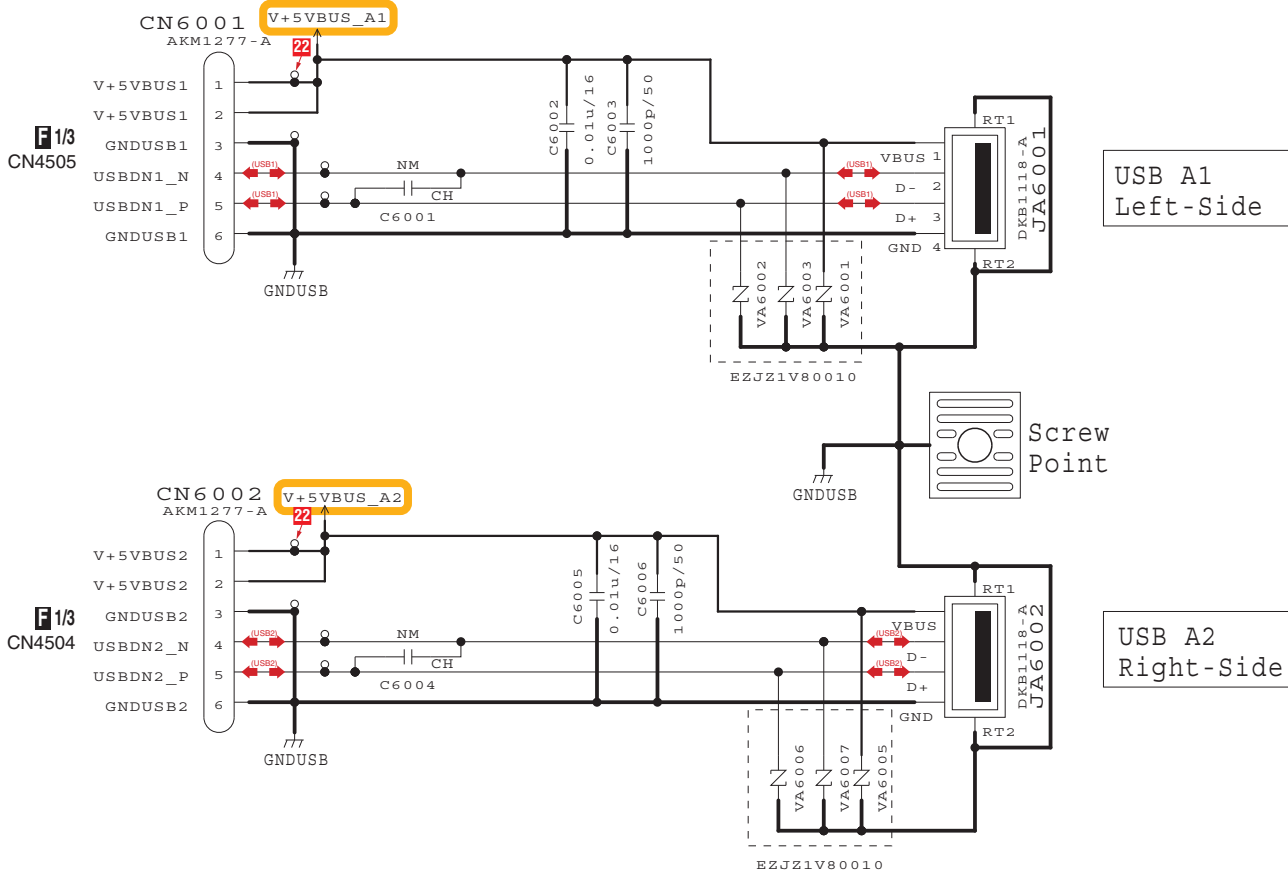
***RESISTORS**
Indicated in Ω , $\pm 5\%$ tolerance unless otherwise noted. k : k Ω , M : M Ω .

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

: HEADPHONE Signal (L ch)

10.20 USBA ASSY

E USBA ASSY (DWX4039)



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

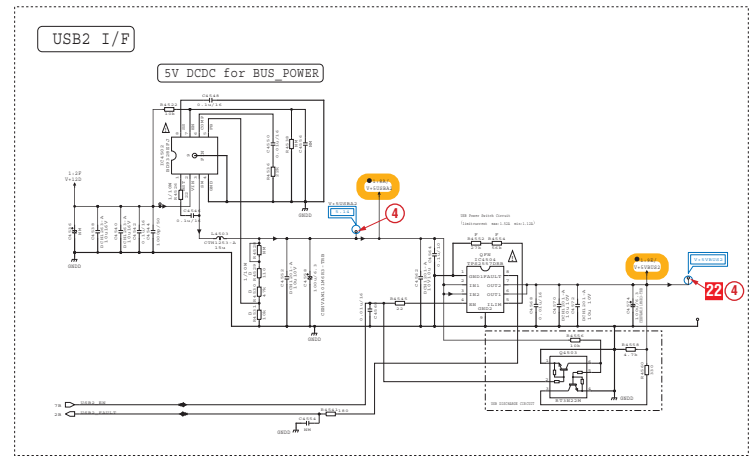
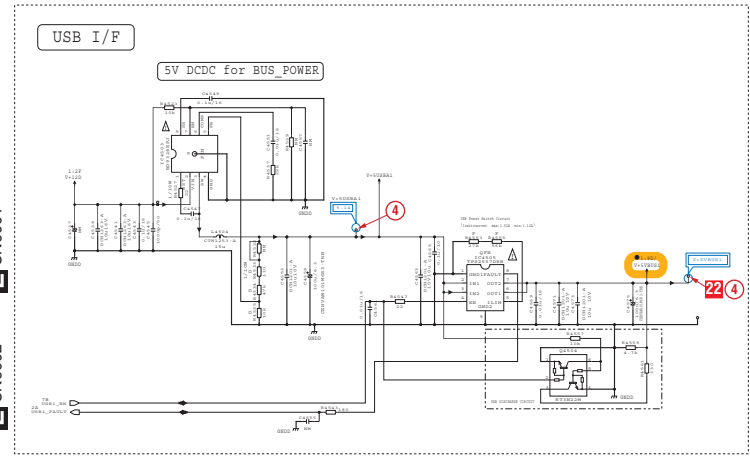
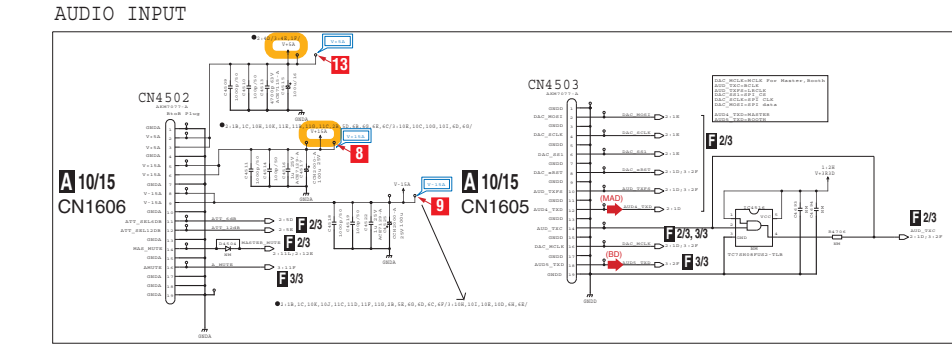
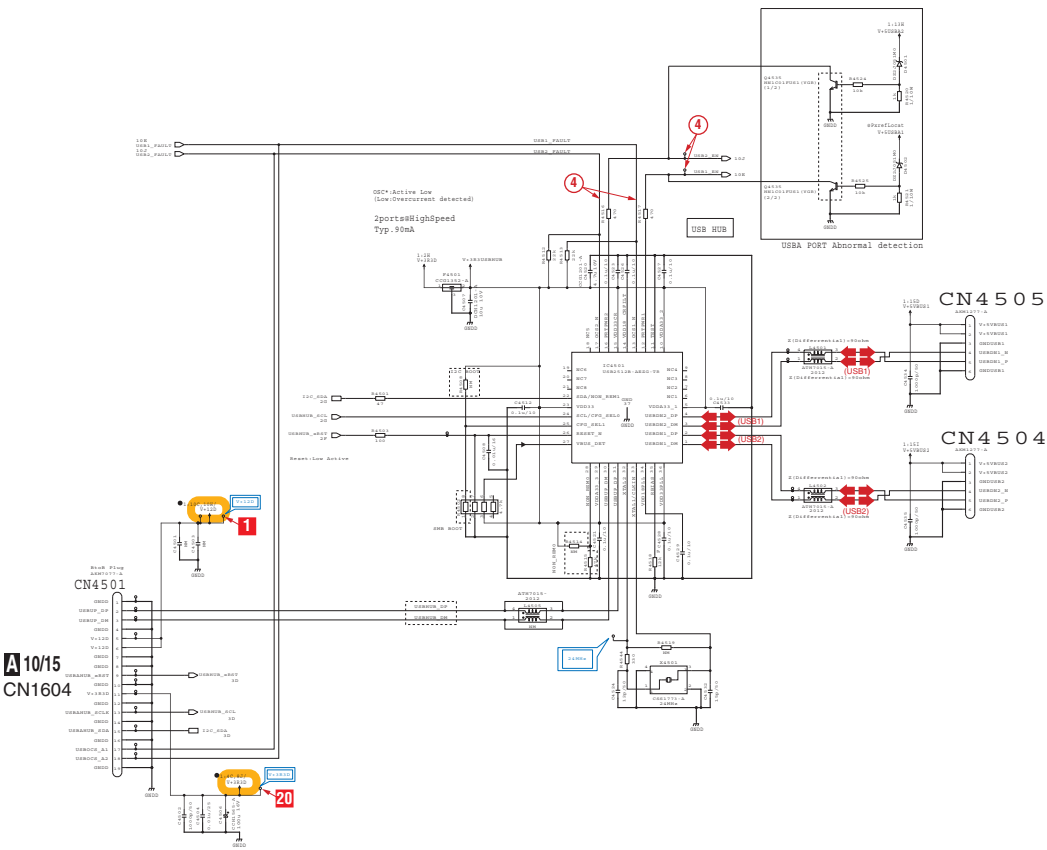
***CAPACITORS**
Indicated in Capacity/Voltage(V)
unless otherwise noted. u: μ F , p:pF

NOTES		
NM is No Mount		
	RS1/16SS***J RS1/10SR***J RS1/8SQ***J RS1/4SA***J	CKSSYB***K CKSRVB***K CKSQYB***K
	RS1/10SR***D, or RS1/16SS***D	CCSSCH***J CCSRCH***J
	RS1/10SR***F, or RS1/16SS***F	CEVW***M

(USB1) : USB1 IN/OUT Signal
(USB2) : USB2 IN/OUT Signal

REF:4501~4900

F 1/3 AOUT ASSY (DWX4046)



△ The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 ● 印の部品は、安全上重要な部品です。
 交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

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

- (MAD) : MASTER OUT Digital Signal (L ch)
- (BD) : BOOTH OUT Digital Signal (L ch)
- (USB1) : USB1 IN/OUT Signal
- (USB2) : USB2 IN/OUT Signal

XDU-RX2

25

F 1/3

F 1/3

REF: 4501~4900

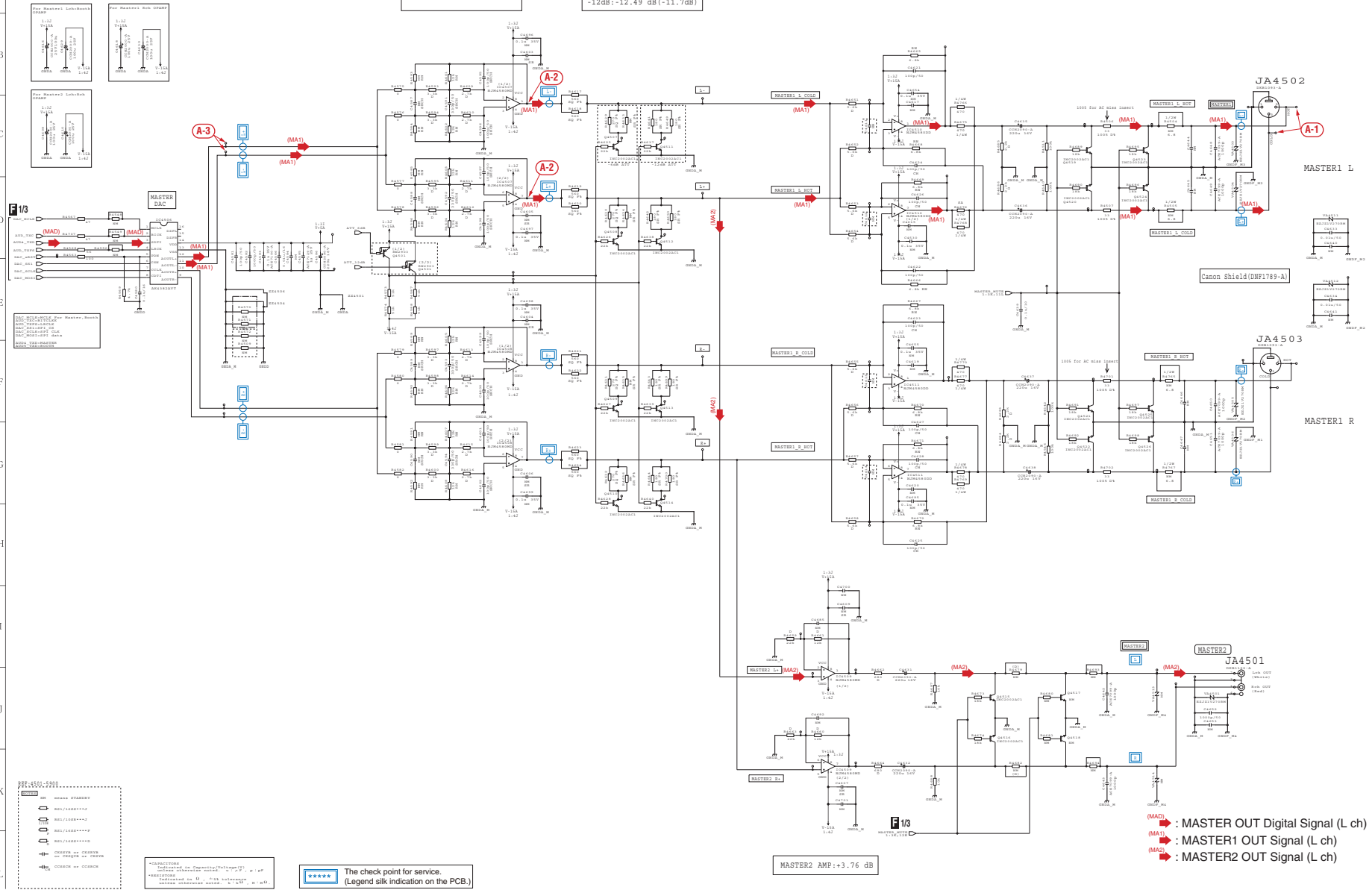
MASTER

MASTER DAC Post Filter
 MASTER1 : 17.234 dB
 MASTER2 : 11.07 dB

MASTER ATT:
 0 dB: +0.828 dB
 -6dB: -6.69 dB(+5.76 dB)
 -12dB: -12.49 dB(-11.7dB)

BALANCE AMP:+0.89 dB

MASTER2 AMP:+3.76 dB



100% TESTED
 100% INSPECTED
 100% BURNED IN
 100% PACKAGED
 100% SHIPPED

REF: 4500~4900

MASS STANDBY
 RELIEF *****
 RELIEF *****
 RELIEF *****
 RELIEF *****
 COVER IN ORDER
 OF DESIGN IN ORDER
 COVER IN ORDER

MINIMUMS
 0.10mm (0.0039")
 0.15mm (0.0059")
 0.20mm (0.0079")
 0.25mm (0.0098")
 0.30mm (0.0118")
 0.40mm (0.0157")
 0.50mm (0.0197")
 0.60mm (0.0236")
 0.80mm (0.0315")
 1.00mm (0.0394")
 1.27mm (0.0500")
 1.50mm (0.0591")
 2.00mm (0.0787")
 2.50mm (0.0984")
 3.00mm (0.1181")
 4.00mm (0.1575")
 5.00mm (0.1969")
 6.00mm (0.2362")
 8.00mm (0.3150")
 10.00mm (0.3937")
 12.70mm (0.5000")
 15.00mm (0.5907")
 20.00mm (0.7874")
 25.00mm (0.9842")
 30.00mm (1.1811")
 40.00mm (1.5748")
 50.00mm (1.9685")
 60.00mm (2.3622")
 80.00mm (3.1496")
 100.00mm (3.9370")

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

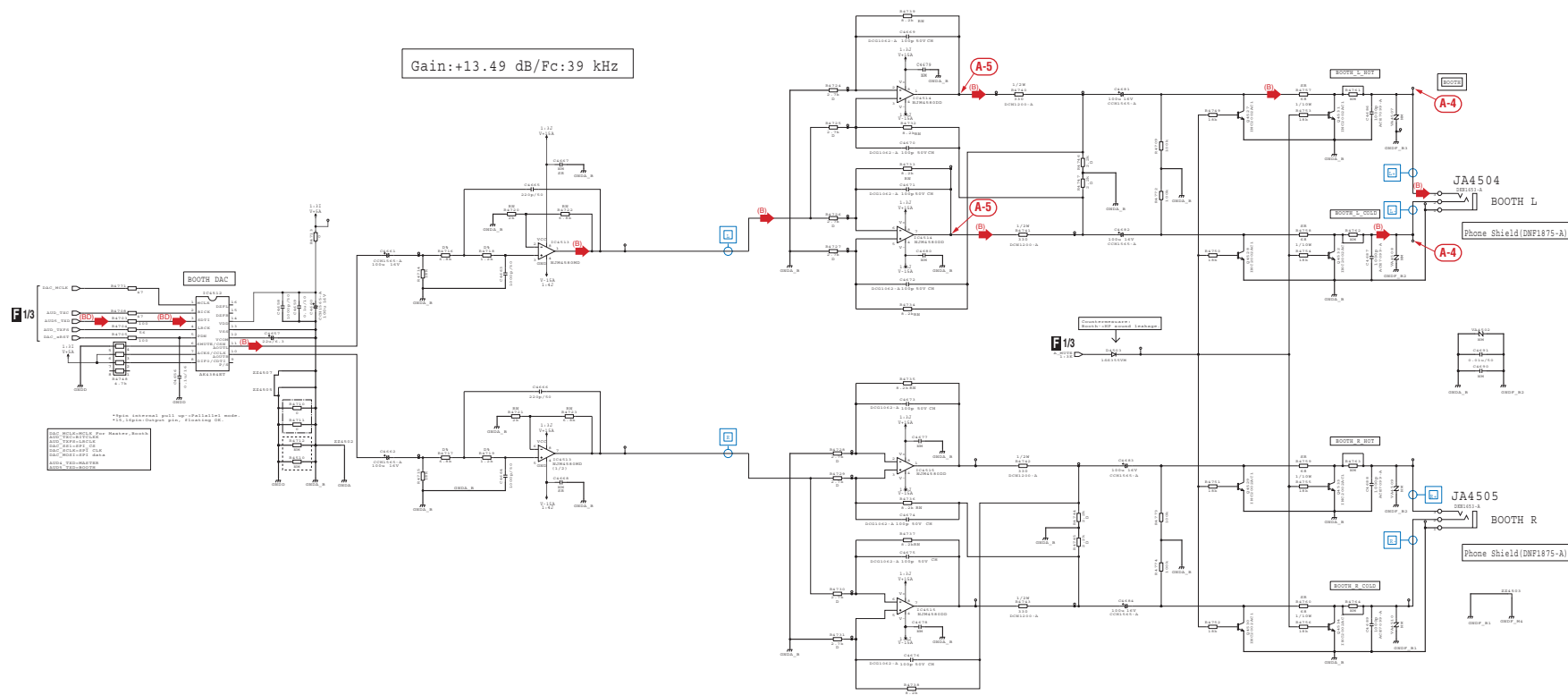
MASTER2 AMP:+3.76 dB

(MA2) : MASTER OUT Digital Signal (L ch)
 (MA1) : MASTER1 OUT Signal (L ch)
 (MA3) : MASTER2 OUT Signal (L ch)

REF: 4501~4900

BOOTH

Gain: +13.49 dB/Fc: 39 kHz

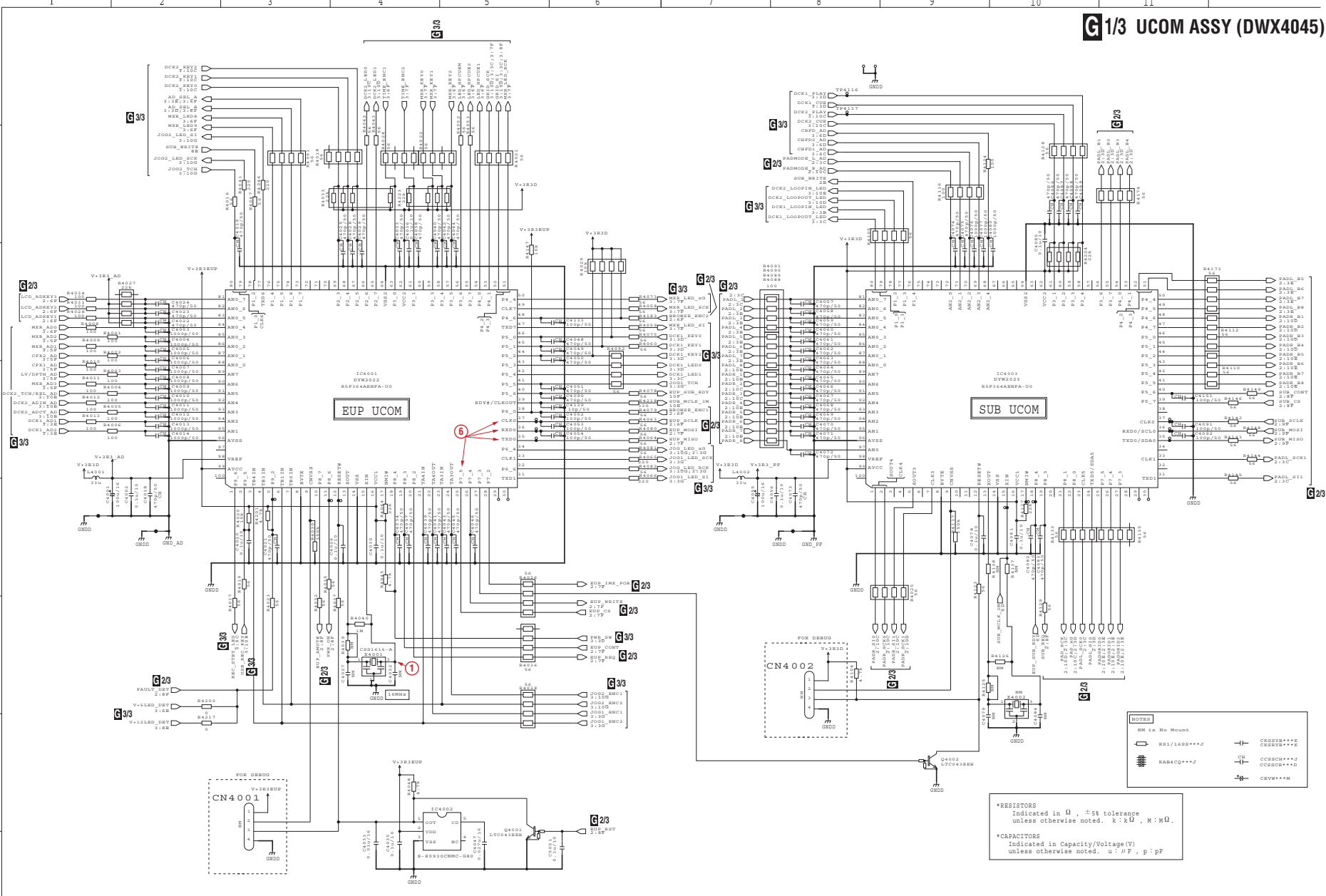


**** The check point for service.
(Legend silk indication on the PCB.)

④ : BOOTH OUT Digital Signal (L ch)
⑤ : BOOTH OUT Signal (L ch)

XDU-RX2

G/1/3 UCOM ASSY (DWX4045)



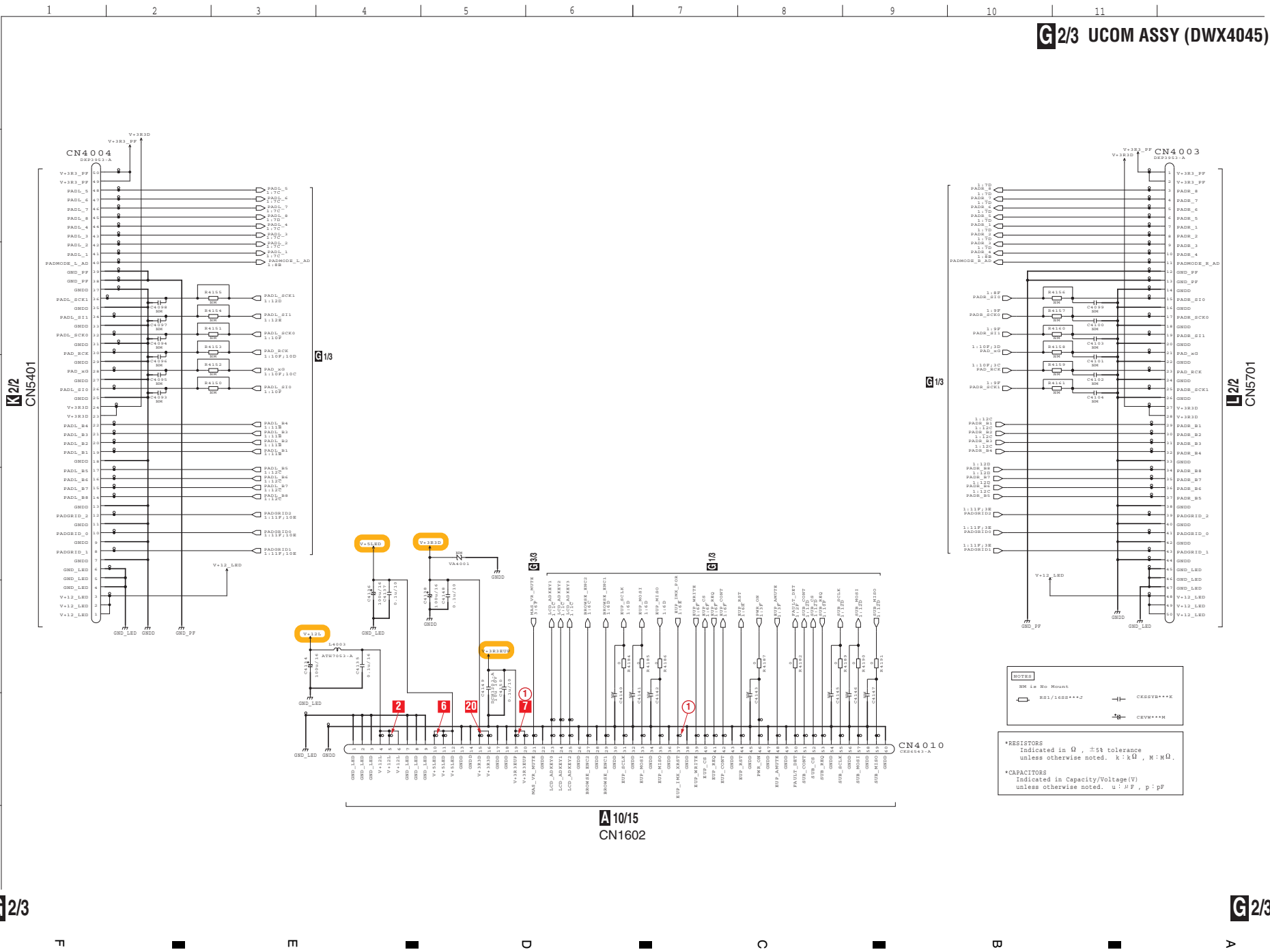
NOTES			
RM #	No Mount	CS85B***J	CS85B***K
RS1/168***J		CS85B***K	CS85B***L
RS40C***J		CS85C***K	CS85C***L
CEV***M			

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

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

XDU-RX2

G/2/3 UCOM ASSY (DWX4045)



NOTE

NM = No Mount

R21/162***J

CR25V***K

CRV***M

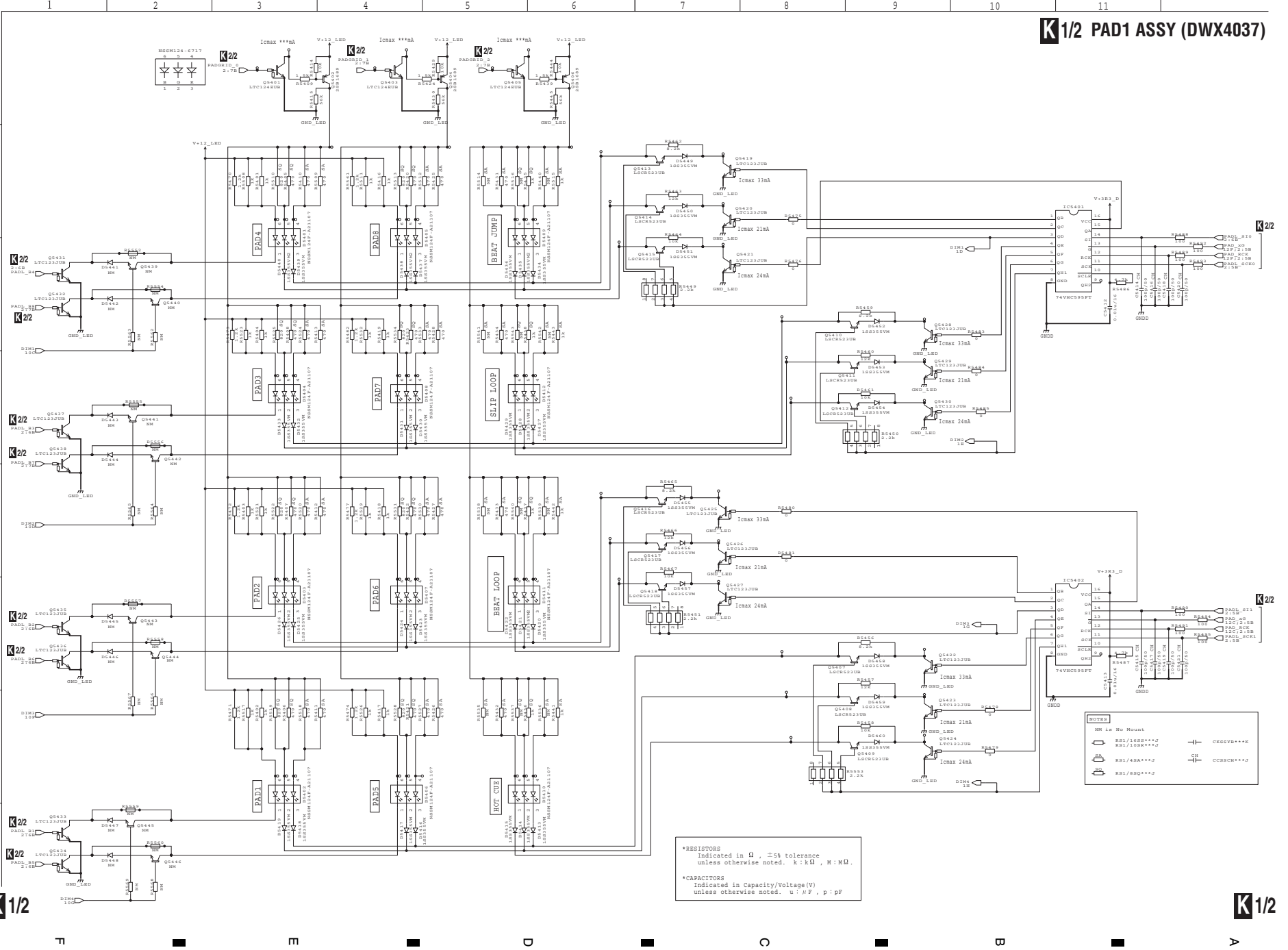
*RESISTORS
Indicated in Ω, ±5% tolerance unless otherwise noted. k:kΩ, M:MΩ.

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

A/10/15 CN1602

XDU-RX2

1/2 PAD1 ASSY (DWX4037)



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

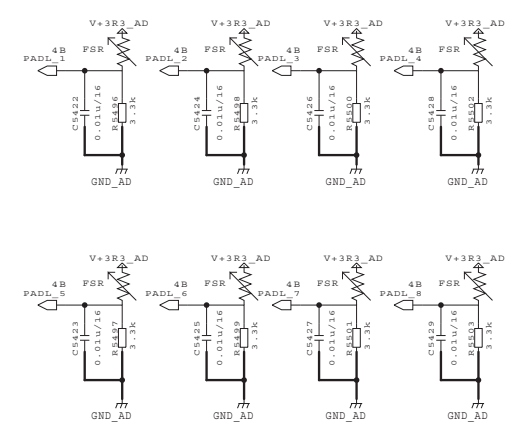
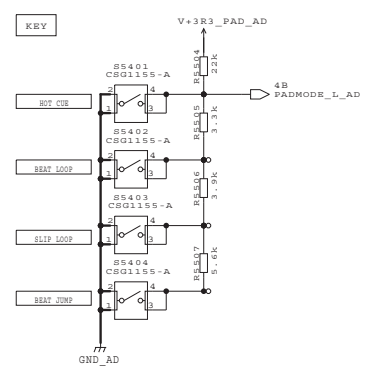
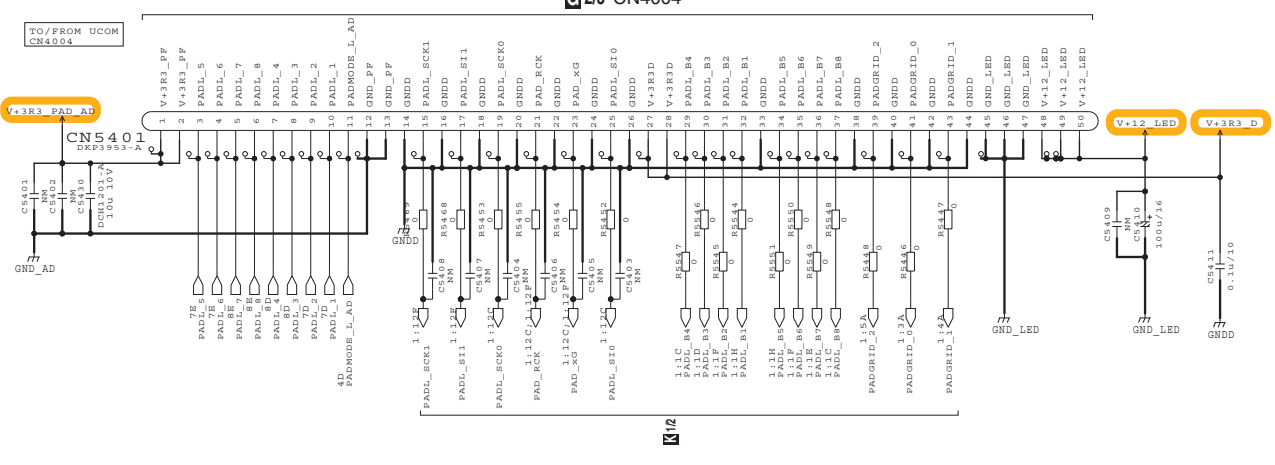
*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u: μ F , p:pF

NOTE
 NM is No Mount
 R1/1GR***J C50V***K
 R1/1GR***J C50V***K
 R1/4A***J C50V***K
 R1/80Q***J C50V***K

XDU-RX2

10.28 PAD1 ASSY (2/2)

K/2 PAD1 ASSY (DWX4037)

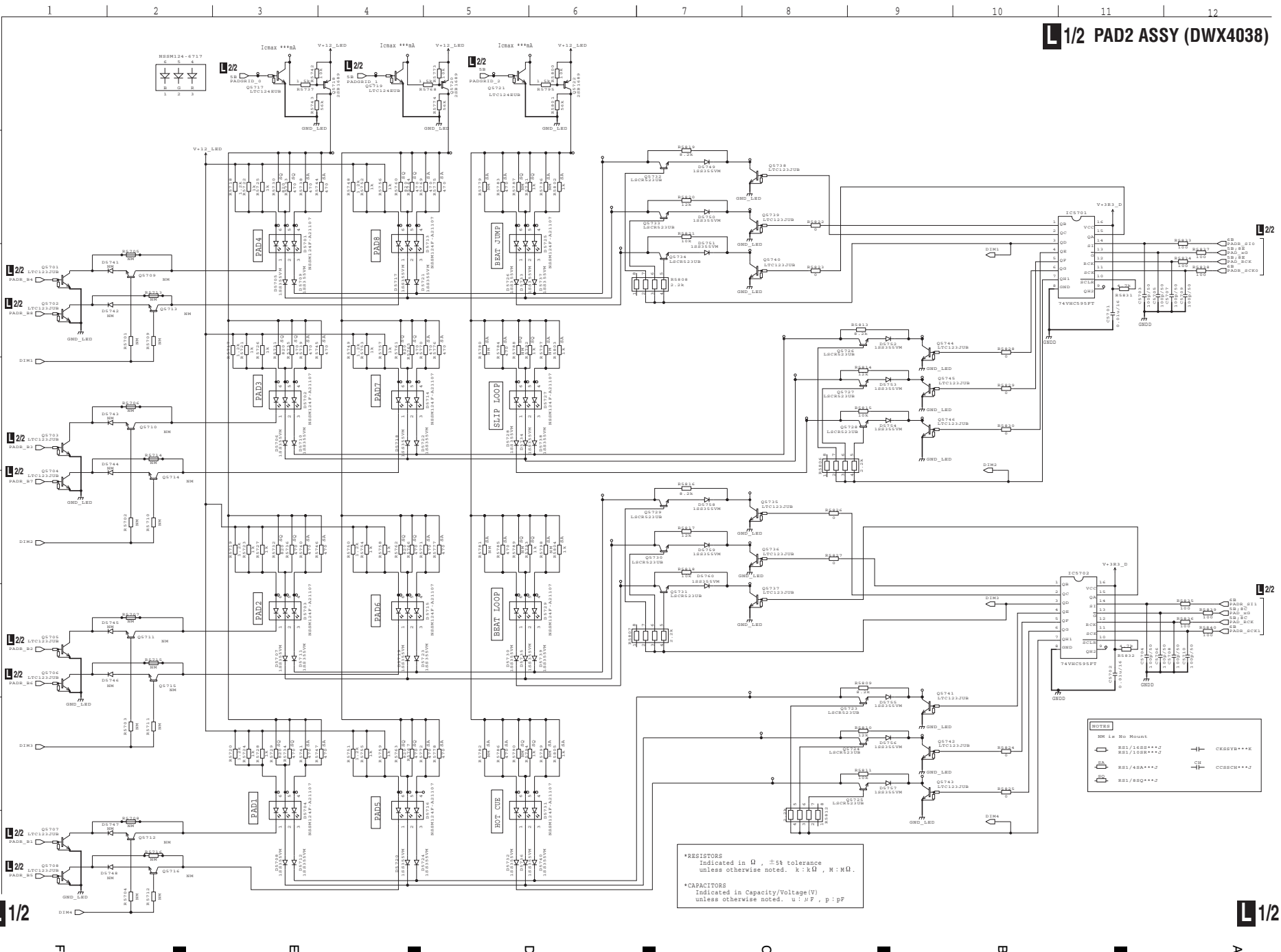


NOTES	
NM is No Mount	
	R51/16SS***J
	CKSSVB***K
	CH
	CCSSCH***J
	CEVW***M

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

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

1/2 PAD2 ASSY (DWX4038)



NOTE

SM 1e No Mount	CK50V***J
R51/100R***J	CK50V***J
R51/100K***J	CK50V***J
R51/40A***J	CK50V***J
R51/80Q***J	CK50V***J

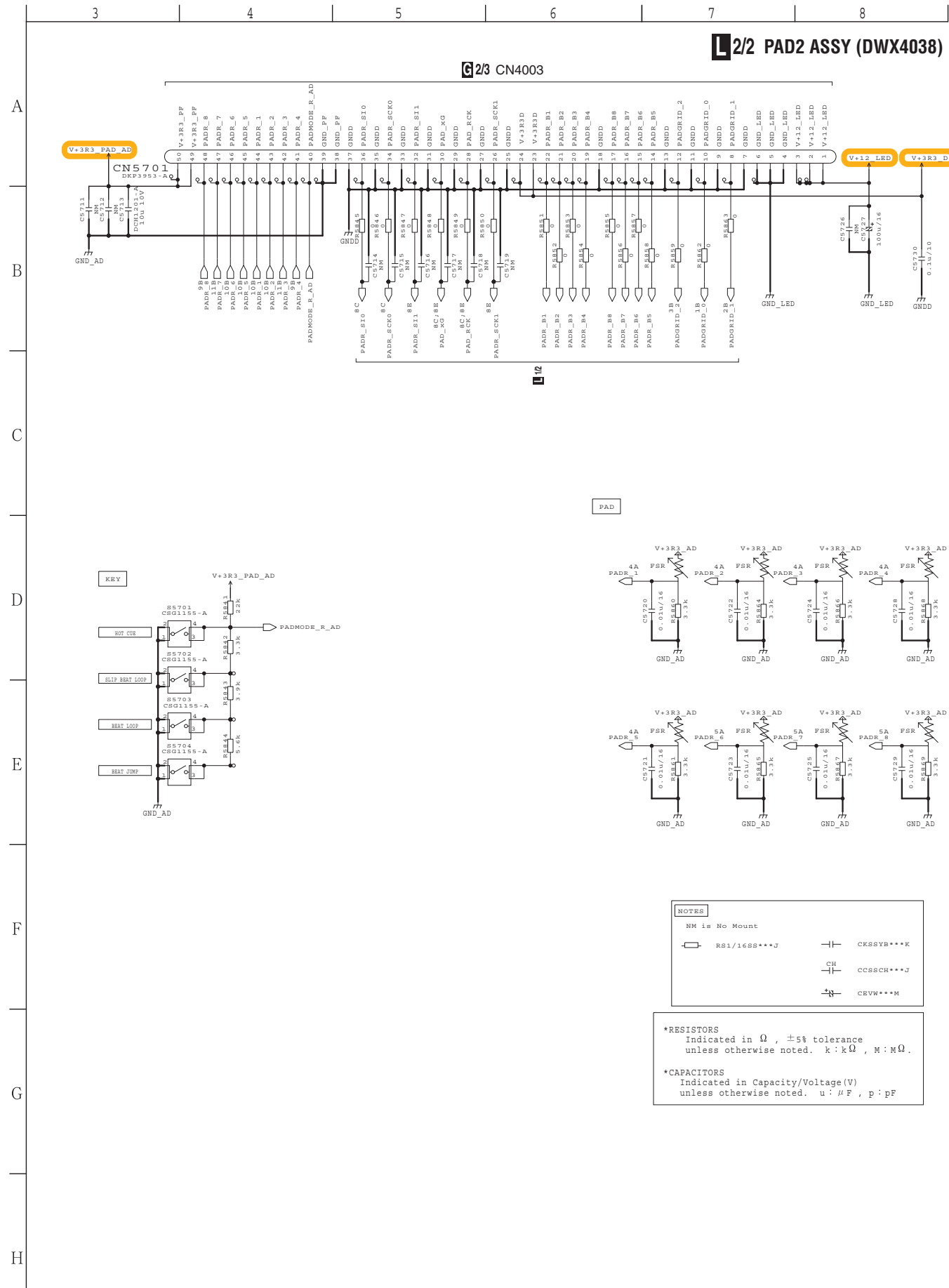
*RESISTORS
Indicated in Ω, ±5% tolerance
unless otherwise noted. k:kΩ, W:WΩ.

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

XDU-RX2

10.30 PAD2 ASSY (2/2)

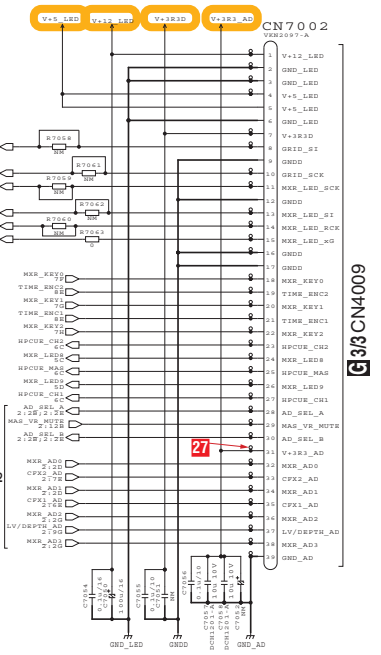
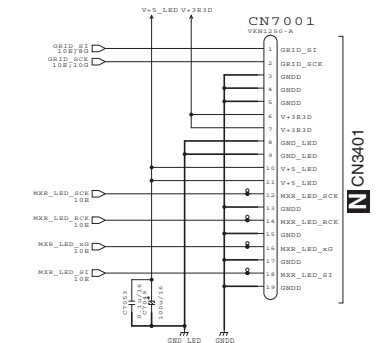
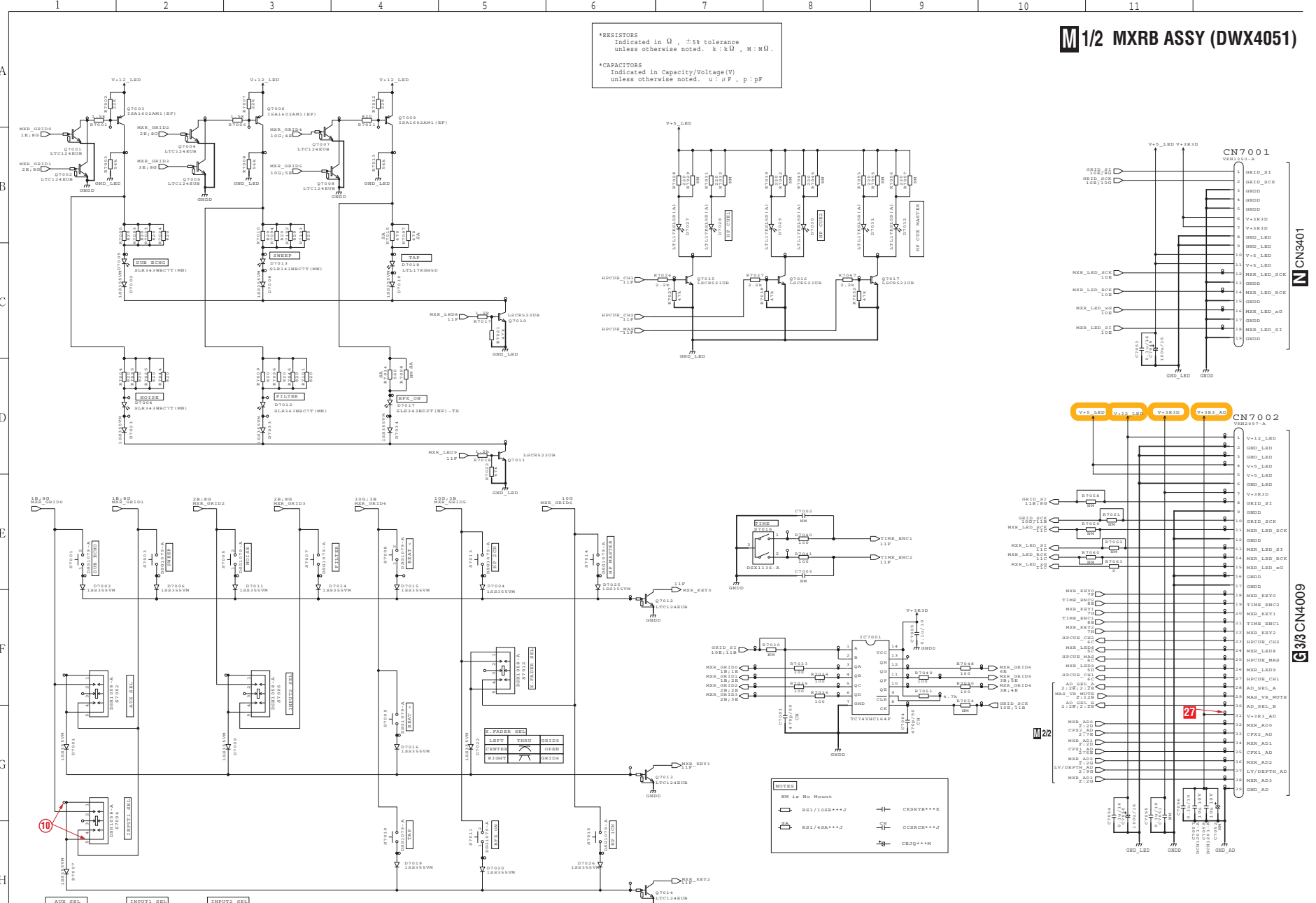
2/2 PAD2 ASSY (DWX4038)



M 1/2 MXRB ASSY (DWX4051)

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

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



XDU-RX2

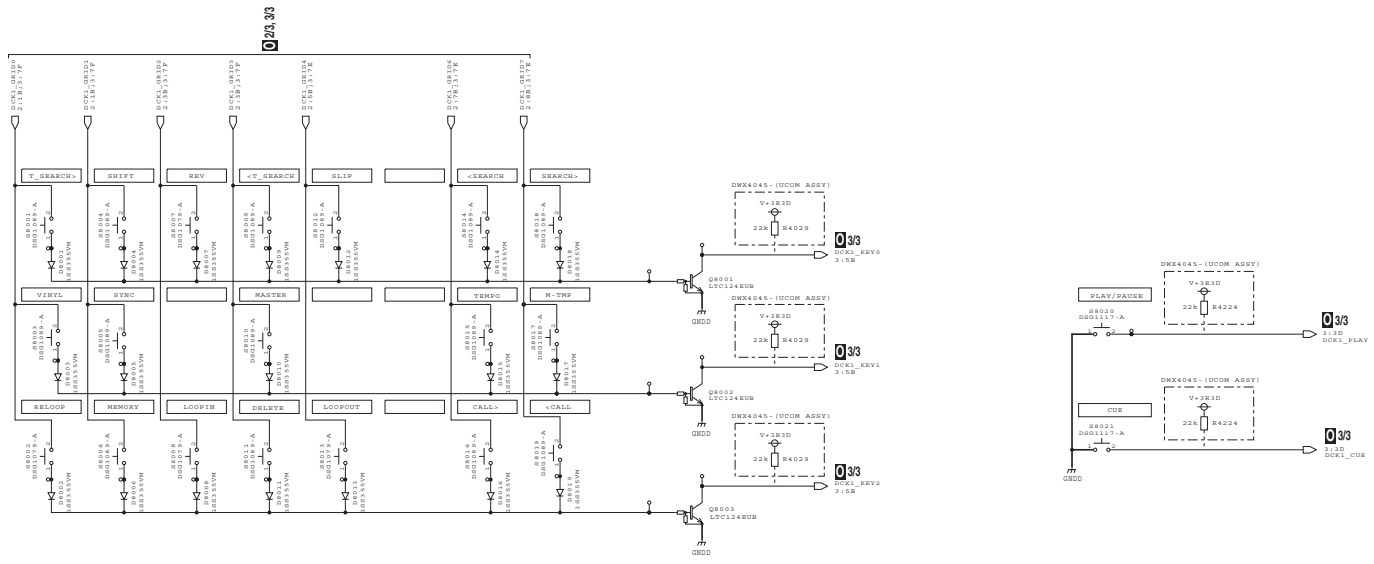
35

ADJ SEL	GRD0	INDUCT SEL	INDUCT2 SEL
LEFT OFF	GRD0	LEFT ONK1	LEFT DECK2
CENTR ON	OPN	CENTR LINE1	OPN
RIGHT ON	OPN	RIGHT ONK2	RIGHT DECK2

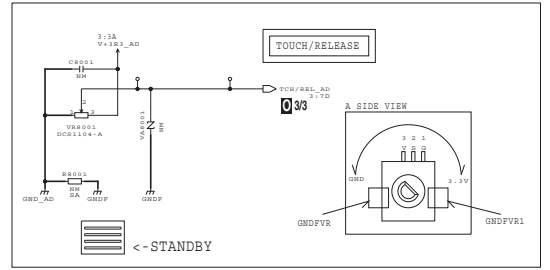
M 1/2

Reference: 8001~8100

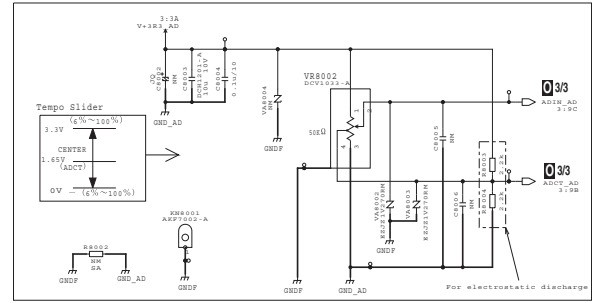
DCK1/KEY



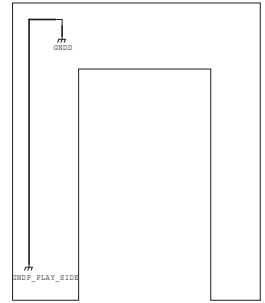
TOUCH/RELEASE



TEMPO SLIDER



GNDP STANDBY for electrostatic discharge



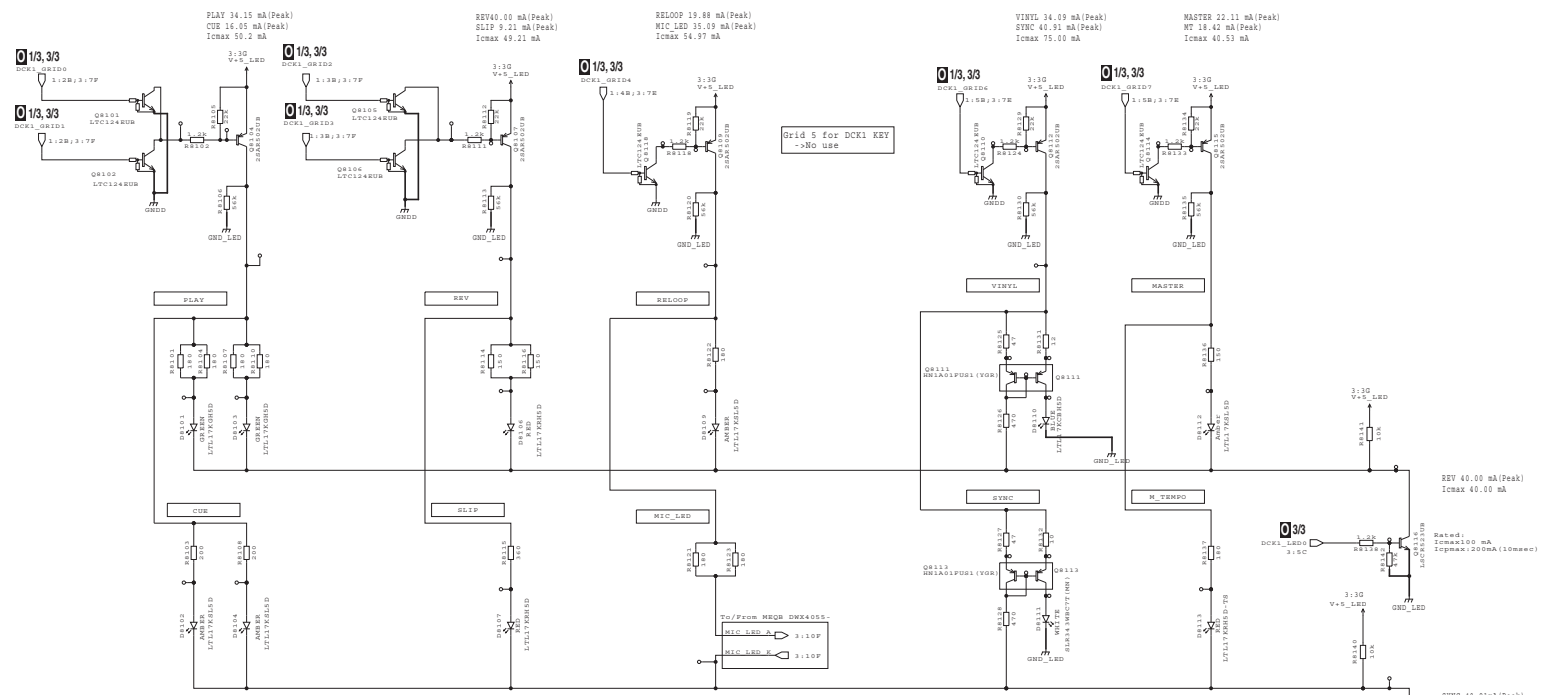
*CAPACITORS
 Indicated in Capacity/Voltage(V)
 unless otherwise noted. u: uF, p: pF
 **RESISTORS
 Indicated in Ω, ±5% tolerance
 unless otherwise noted. K: KΩ, M: MΩ.

2/3 DCK1 ASSY (DWX4054)

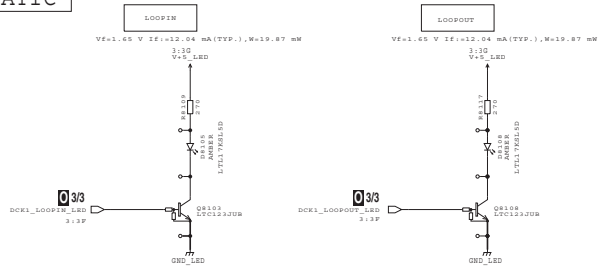
Reference: 8101-8200

DCK1/LED

DYNAMIC



STATIC

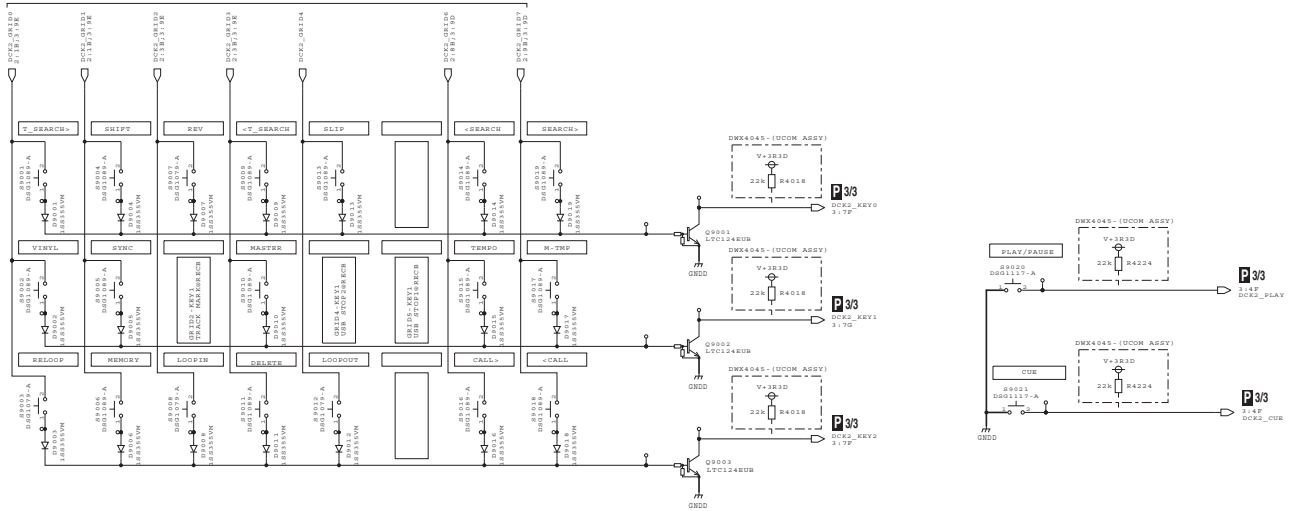


- *CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u : uF , p : pF
- *RESISTORS
Indicated in Ω , % tolerance
unless otherwise noted. K : x10³ , M : x10⁶
- LEGEND
- NM No Mount
 - SL/100M**J
- | | |
|-------|-------------------|
| GREEN | LTL17KGHS-TS |
| AMBER | LTL17KSLD-TS |
| BLUE | LTL17KCHSD-TS |
| RED | LTL17KRHS-TS |
| WHITE | SLR343WECT(MN)-TS |

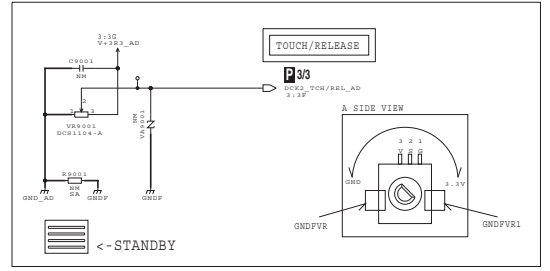
XDU-RX2

P 1/3 DCK2 ASSY (DWX4062)

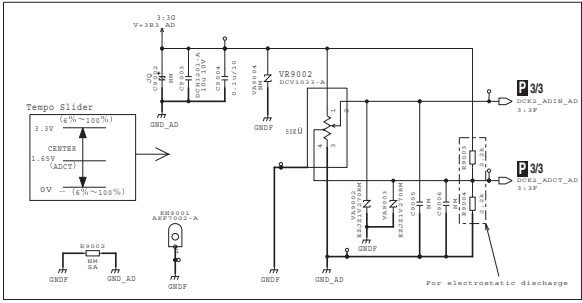
DCK2/KEY



TOUCH/RELEASE



TEMPO SLIDER



*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.

XDJ-RX2

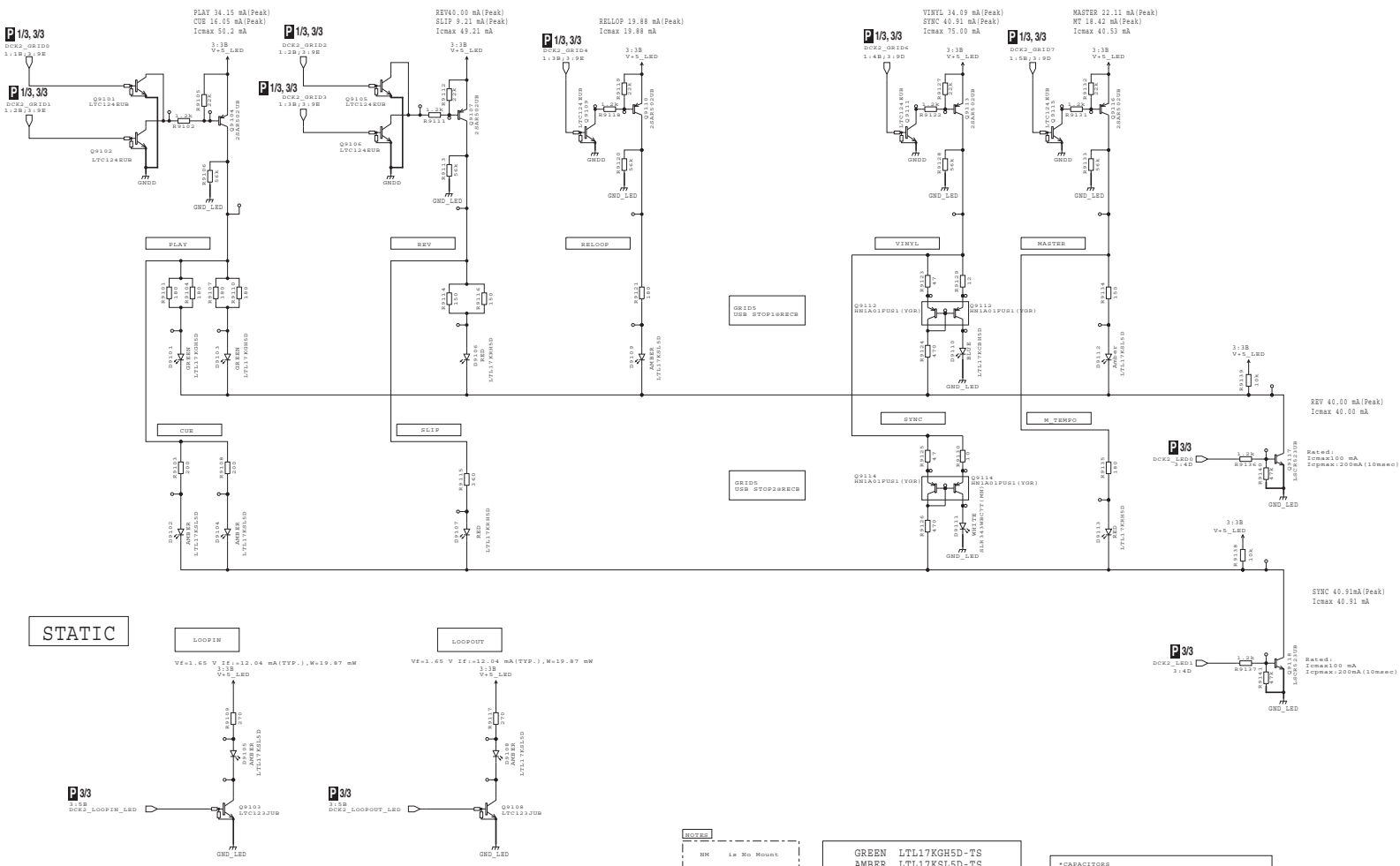
DCK2/LED

DYNAMIC

STATIC

42
1
2
3
4
A
B
C
D
E
F
G
H

XDU-RX2



NOTES

- SM Is No Mount
- RES/100R***

GREEN	LTL17KGH5D-TS
AMBER	LTL17KSL5D-TS
BLUE	LTL17KCH5D-TS
RED	LTL17KRH5D-TS
WHITE	SLR343WBC7(MN)-TS

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

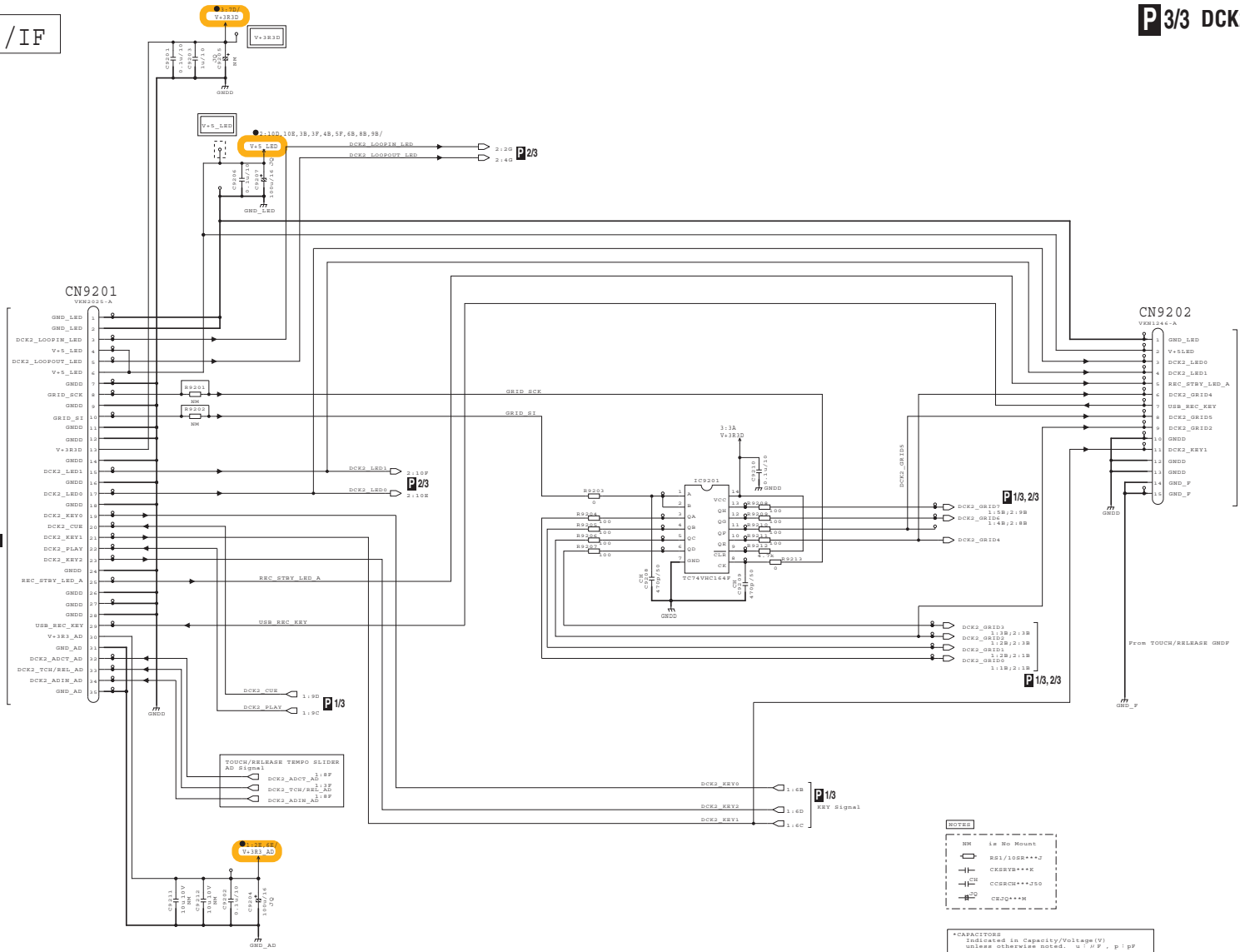
*RESISTORS
Indicated in Ω , % tolerance
unless otherwise noted. R / K / M , M : M Ω

P 3/3 DCK2 ASSY (DWX4062)

5 6 7 8 43

DCK2 / IF

C 3/3 CN4007

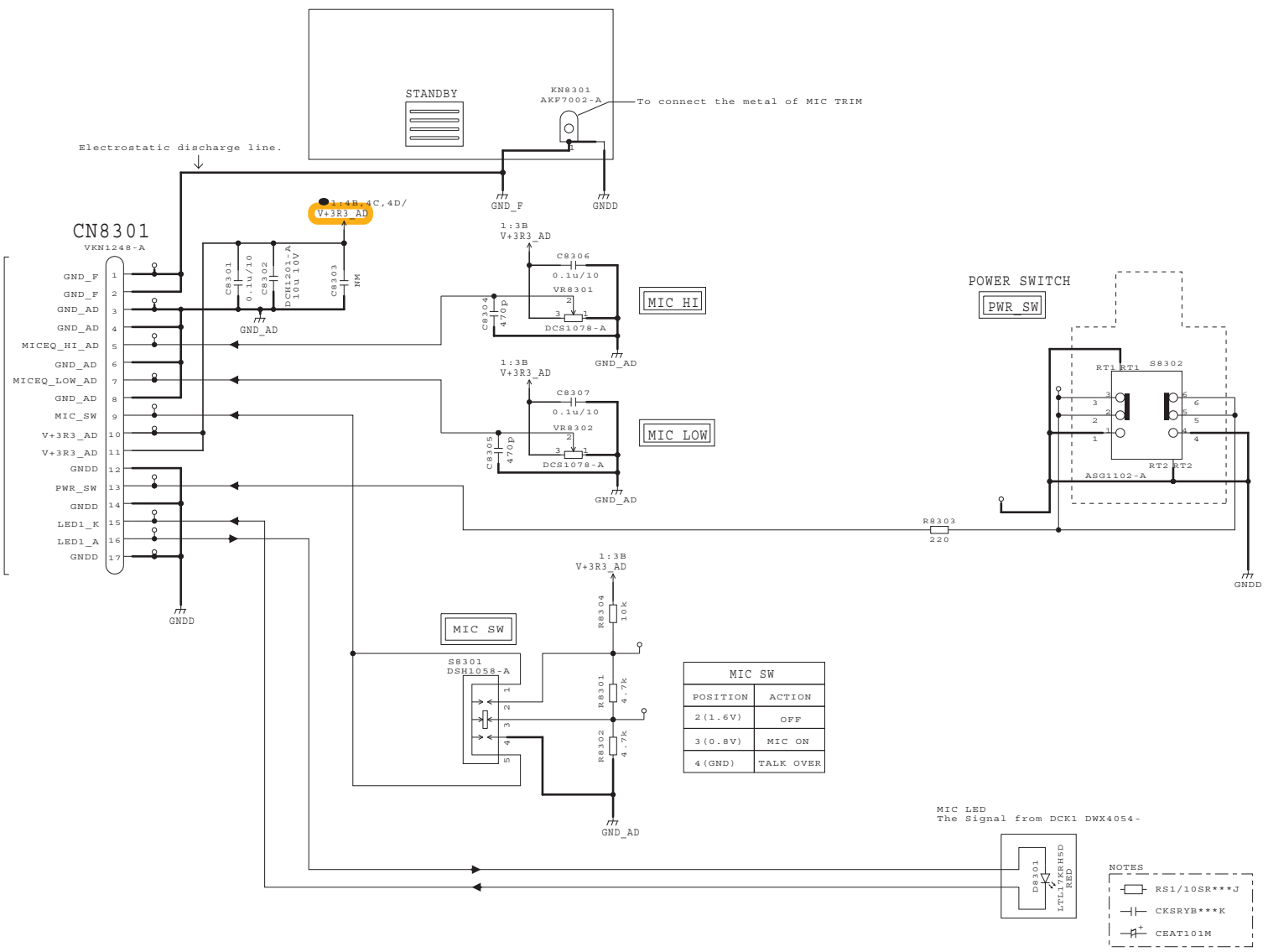


*CAPACITORS
Indicated in Capacity/Voltage(V)
unless otherwise noted. u: uF, p: pF

*RESISTORS
Indicated in Ω, % tolerance
unless otherwise noted. R: KΩ, M: MΩ.

Reference:8301~8400

MEQB ASSY



MIC SW	
POSITION	ACTION
2 (1.6V)	OFF
3 (0.8V)	MIC ON
4 (GND)	TALK OVER

*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

- NOTES
- R51/10SR***J
 - ⊖ CKSRYB***K
 - ⊕ CEAT101M

MIC LED
The Signal from DCK1 DWX4054-

44
1
2
3
4

XDU-RX2

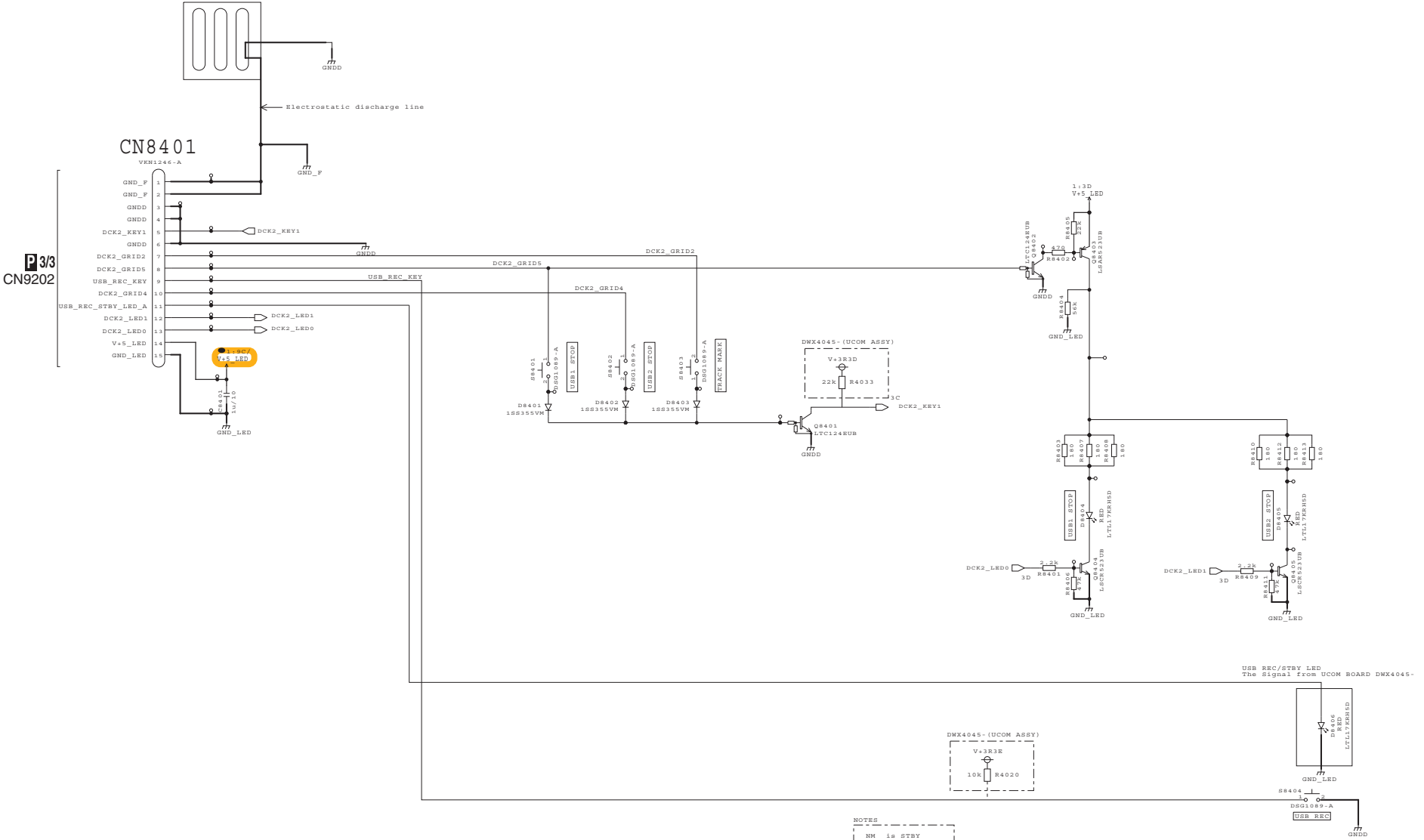


Reference:8401~8500

REC/USB STOP

R RECB ASSY (DWX4056)

To connect rear metal with *L shape metal*



P 3/3
CN9202

XDU-RX2

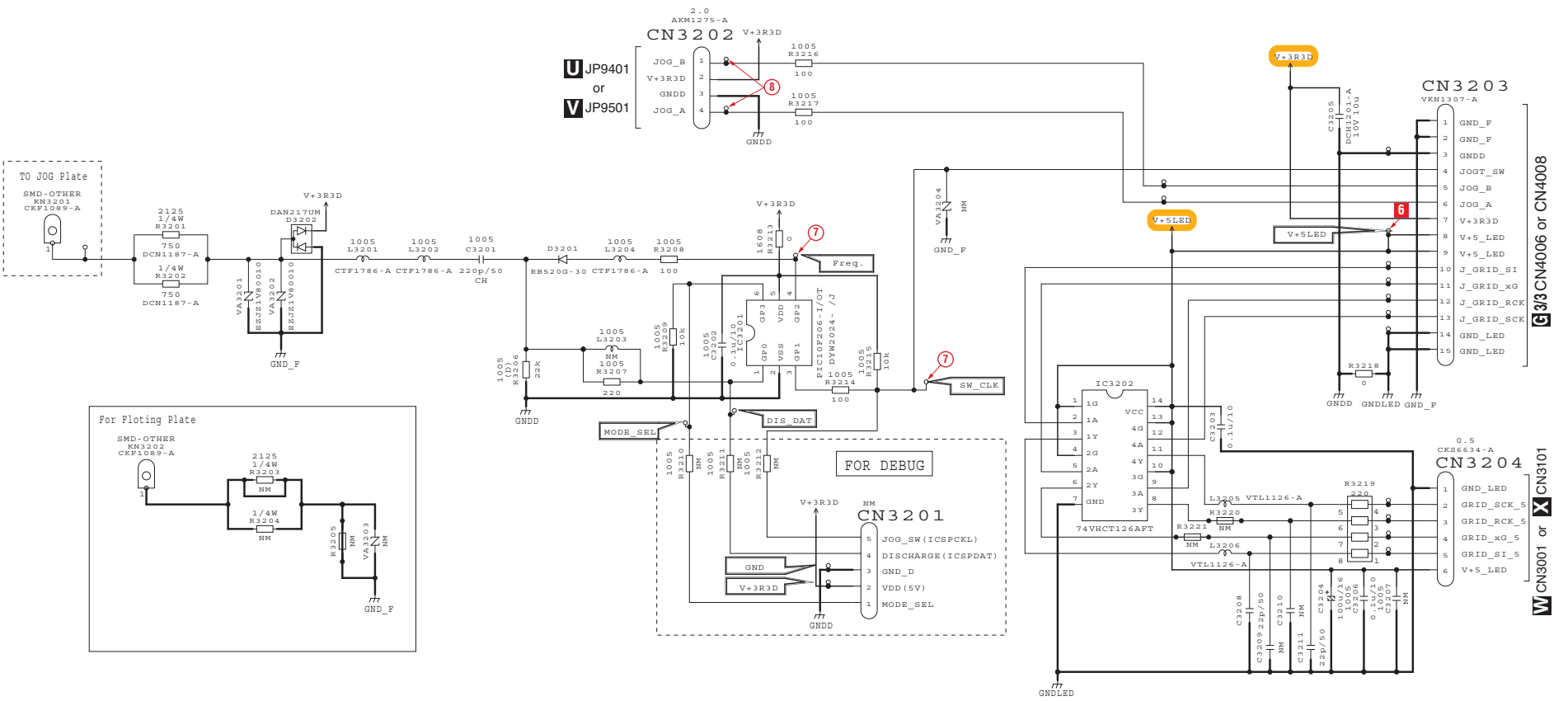
NOTES
 NM is STBY
 □ RS1/10SR***
 ▭ CKSRVB***K
 ▭ CREAT101M

*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

USB REC/STBY_LED
 The Signal from UCOM BOARD DWX4045-

Note:
 The 1 and 2 Assys of JOGT Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 JOGTの1と2は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が違いため印刷内容が異なります。
 生産上は1と2のASSYを管理していません。
 このためそれぞれの場所には1と2どちらかのASSYが配置されています。



NOTES		
NM is No Mount		
	R31/16SS***J R31/10SR***J R31/8SQ***J R31/4SQ***J	CKSSYB***K CKSSYB***K CKSOB***K CKSSCH***J CCSRCH***J
	R31/10SR***D, or R31/16SS***D R31/10SR***F, or R31/16SS***F	CRVW***M CRVW***M

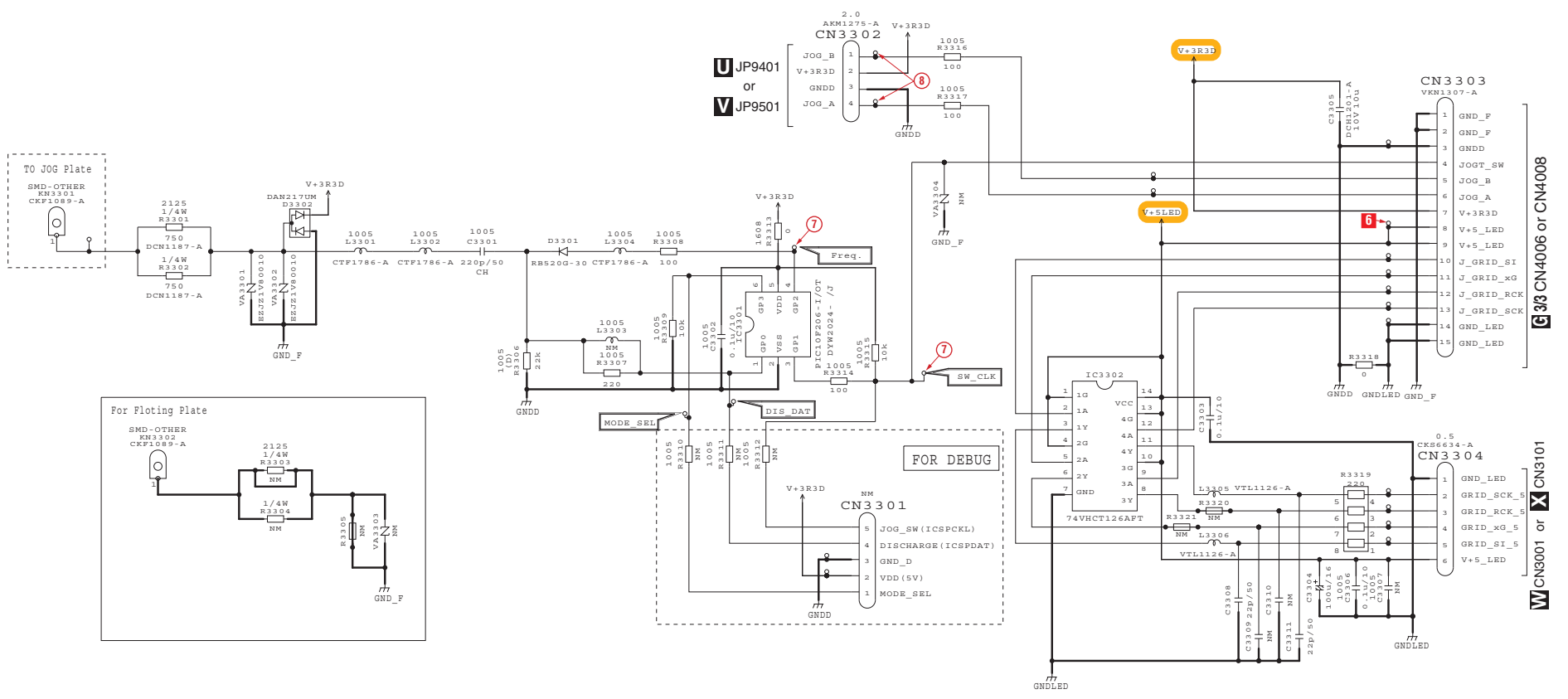
*RESISTORS
 Indicated in Ω , $\pm 5\%$ tolerance
 unless otherwise noted. k:k Ω , M:M Ω .

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

T JOGT2 ASSY (DWX4044)

Note:
 The 1 and 2 Assys of JOGT Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 JOGTの1と2は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が違いため印刷内容が異なります。
 生産上は1と2のASSYを管理していません。
 このためそれぞれの場所には1と2どちらかのASSYが配置されています。



NOTES		
NM is No Mount		
	RS1/16SS***J RS1/10SR***J RS1/8SQ***J	CKSSYB***K CKSRYB***K CKSOYB***K
	RS1/10SR***D, or RS1/16SS***D RS1/10SR***F, or RS1/16SS***F	CCSSCH***J CCSRCH***J CEVW***M

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

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

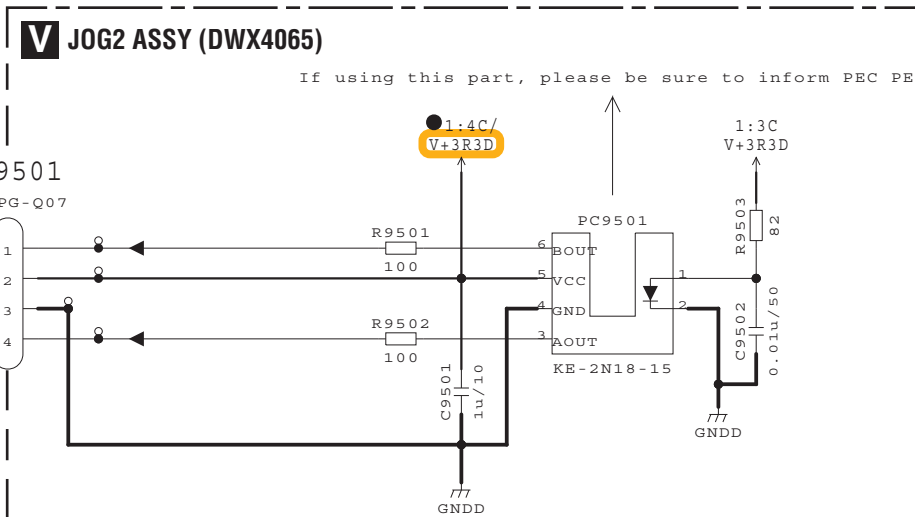
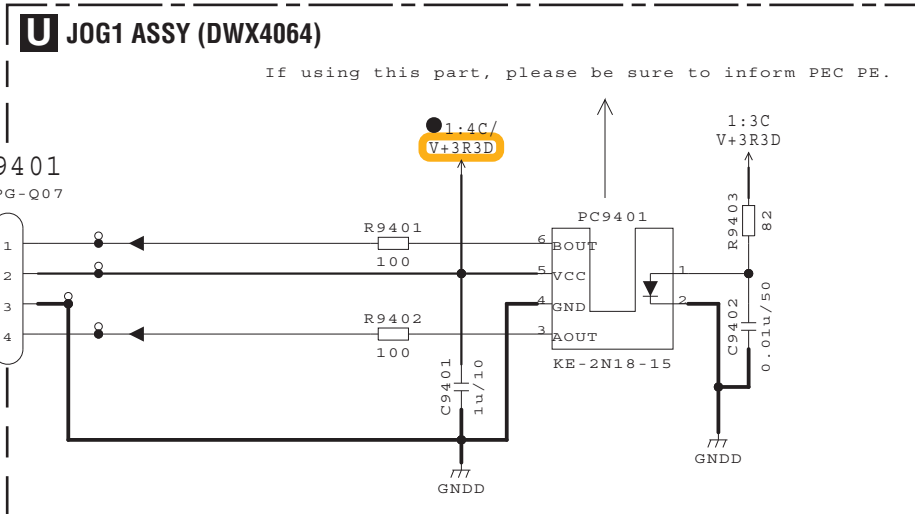
③ CN3303 or CN4006
 ④ CN3304 or CN3101

XDU-RX2

10.44 JOG1 and JOG2 ASSYS

Note:
 The 1 and 2 Assys of JOG Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 JOG の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が異なるため印刷内容が異なります。
 生産上は 1 と 2 の ASSY を管理しています。
 このためそれぞれの場所には 1 と 2 とどちらかの ASSY が配置されています。



NOTES	
NM	is No Mount
	RS1/10SR***J
	CKSRYB***K

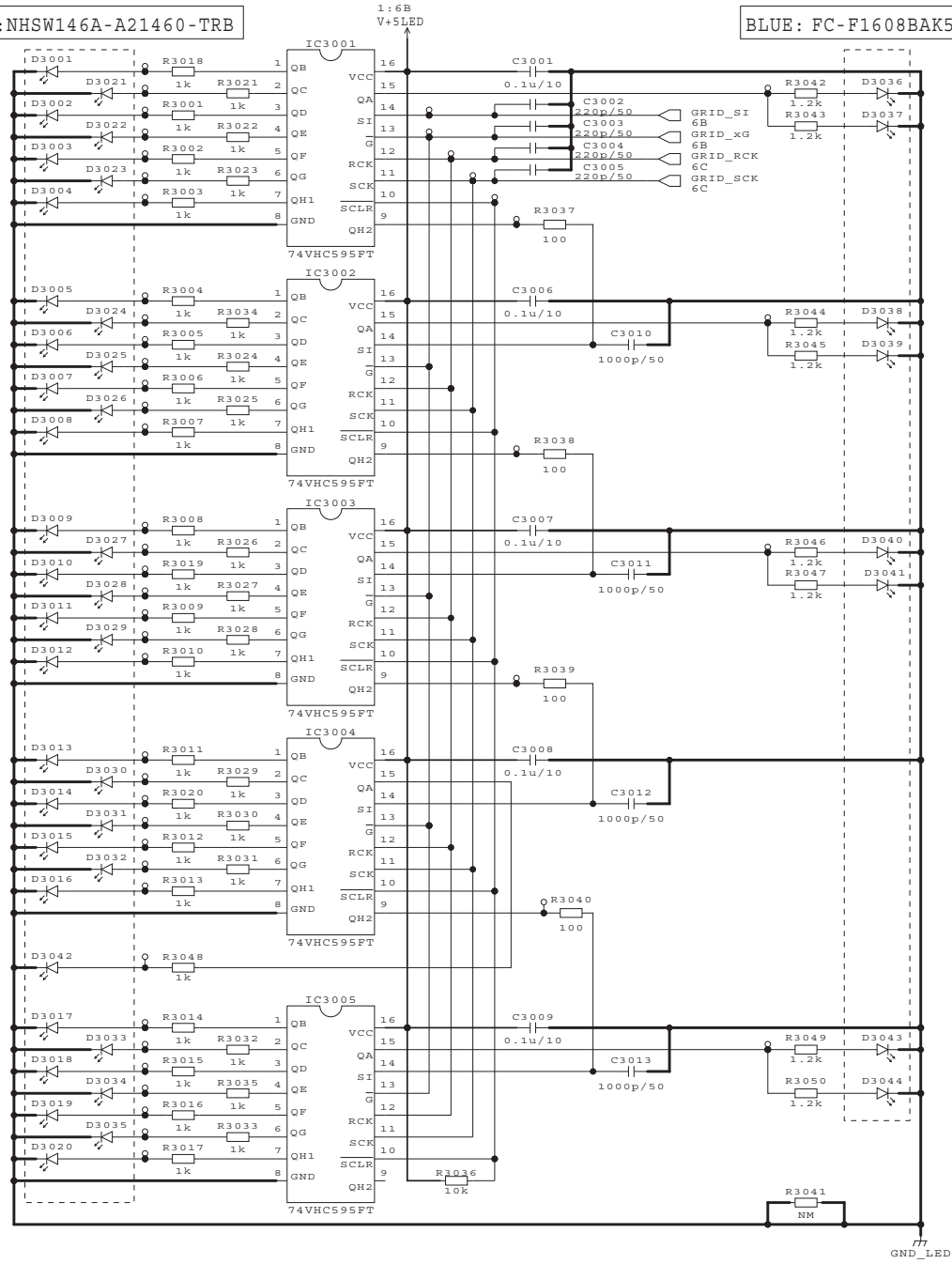
*CAPACITORS
 Indicated in Capacity/Voltage(V)
 unless otherwise noted. u : μF , p : pF

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

W JLED1 ASSY (DWX4041)

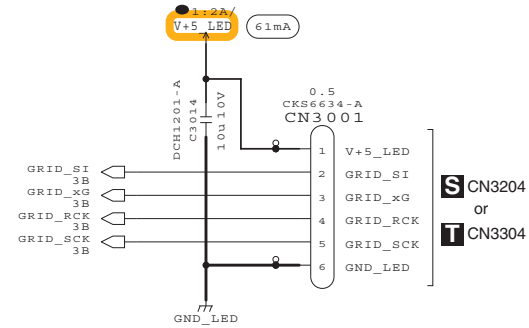
WHITE:NH5W146A-A21460-TRB

BLUE: FC-F1608BAK5-TRB



Note:
 The 1 and 2 Assys of JLED Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 JLEDの1と2は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が異なるため印刷内容が異なります。
 生産上は1と2のASSYを管理していません。
 このためそれぞれの場所には1と2どちらかのASSYが配置されています。



NOTES

NM is No Mount		
	RS1/16SS***J	
	RS1/10SR***J	CKSSYB***K
	RS1/8SO***J	CKSRVB***K
	RS1/4SA***J	CKSQYB***K
	RS1/10SR***D,	
	or RS1/16SS***D	CH
		CCSSCH***J
	RS1/10SR***F,	
	or RS1/16SS***F	CCSRCH***J
		CEVW***M

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

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

XDU-RX2



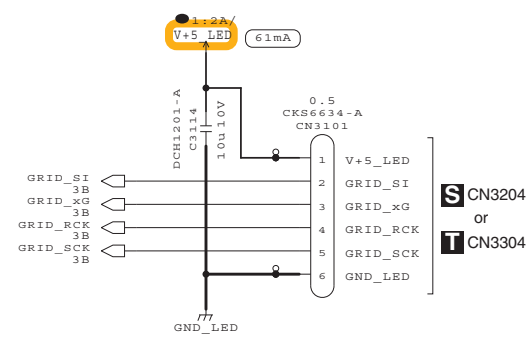
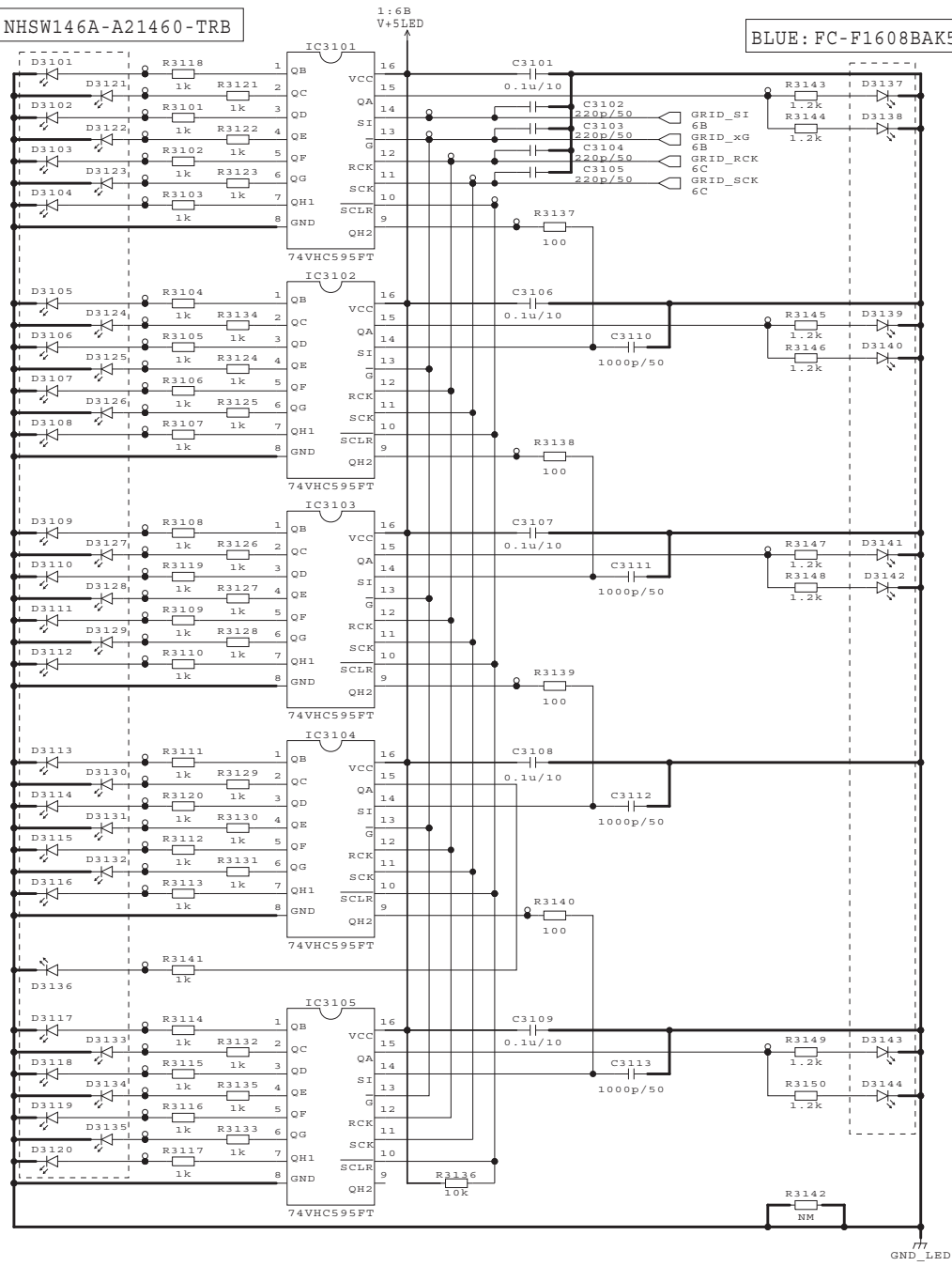
WHITE: NHSW146A-A21460-TRB

BLUE: FC-F1608BAK5-TRB

X JLED2 ASSY (DWX4042)

Note:
 The 1 and 2 Assys of JLED Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 JLEDの1と2は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が違うため印刷内容が異なります。
 生産上は1と2のASSYを管理していません。
 このためそれぞれの場所には1と2どちらかのASSYが配置されています。



NOTES

NM is No Mount

R1/16SS***J	CKSSYB***K
R1/10SR***J	CKSRVB***K
R1/8SQ***J	CKSQVB***K
R1/4SR***J	
R1/10SR***+D, or R1/16SS***+D	CH CCSSCH***J
R1/10SR***+F, or R1/16SS***+F	CEVW***M

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

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

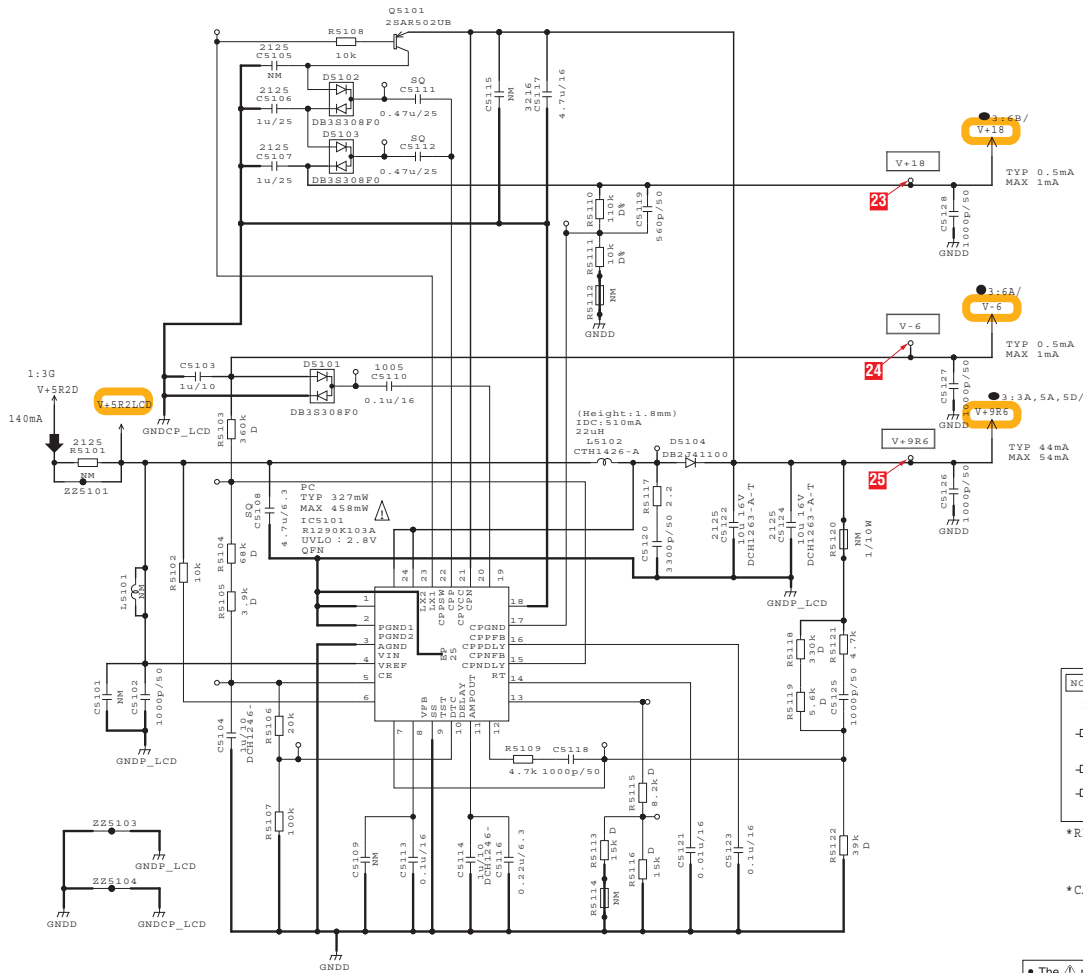
XDJ-RX2

X

X

Y 2/4 LCD ASSY (DWX4036)

LCD POWER BLOCK



NOTES

NM	Is No Mount		
	R51/168S***J		CKSSYB***K
	R51/108R***J		CKSRVB***K
	R51/88S***J		CKSQVB***K
	R51/48A***J		
	R51/108R***D,		CCSSCH***J
	or R51/168S***D		CCSRCH***J
	R51/108R***F,		
	or R51/168S***F		CEVW***M

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

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

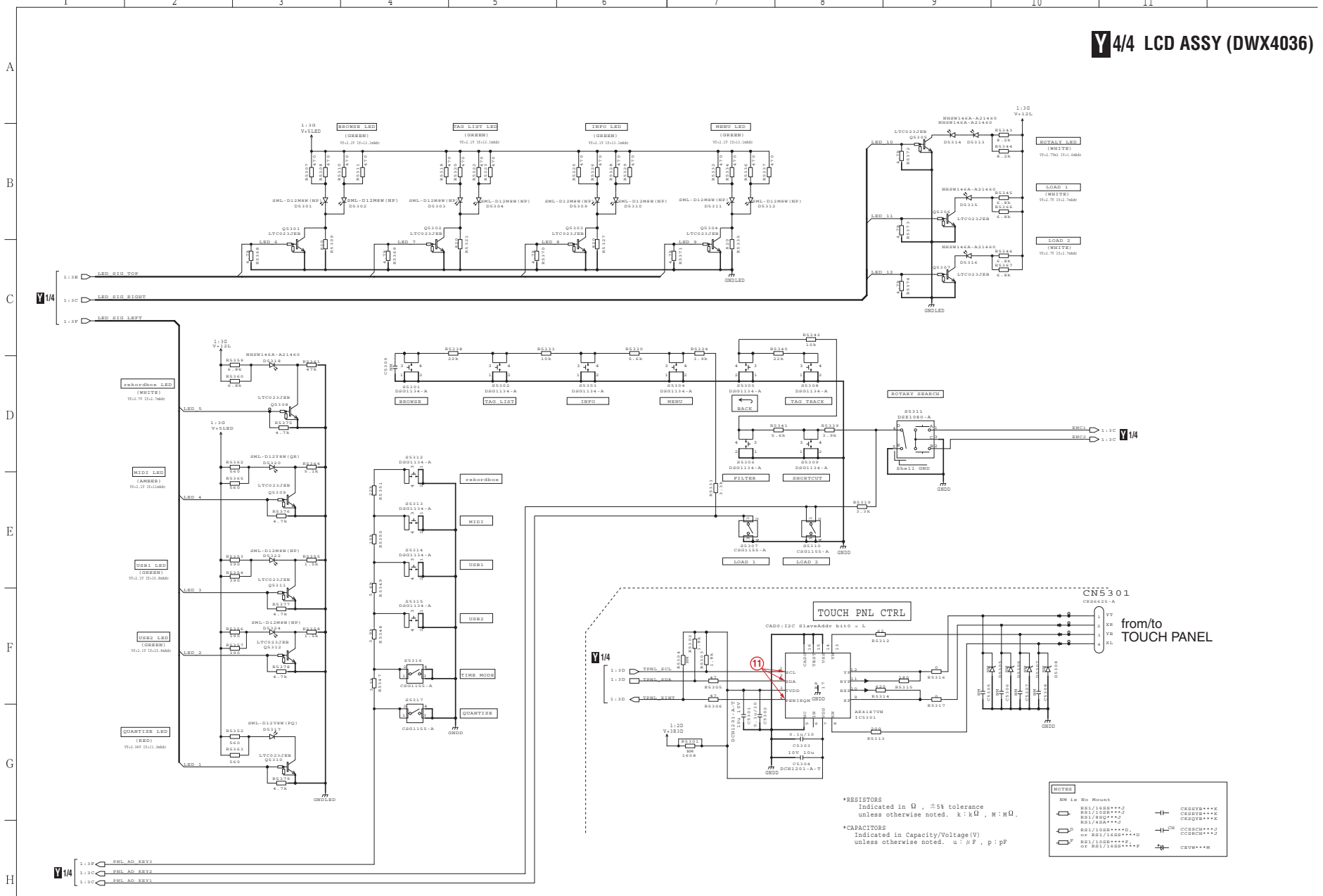
• The mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.
• 印の部品は、安全上重要な部品です。
交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。

XDU-RX2

Y 4/4 LCD ASSY (DWX4036)

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XDU-RX2



*RESISTORS
Indicated in Ω, ±5% tolerance
Unless otherwise noted. K: KΩ, M: MΩ.

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

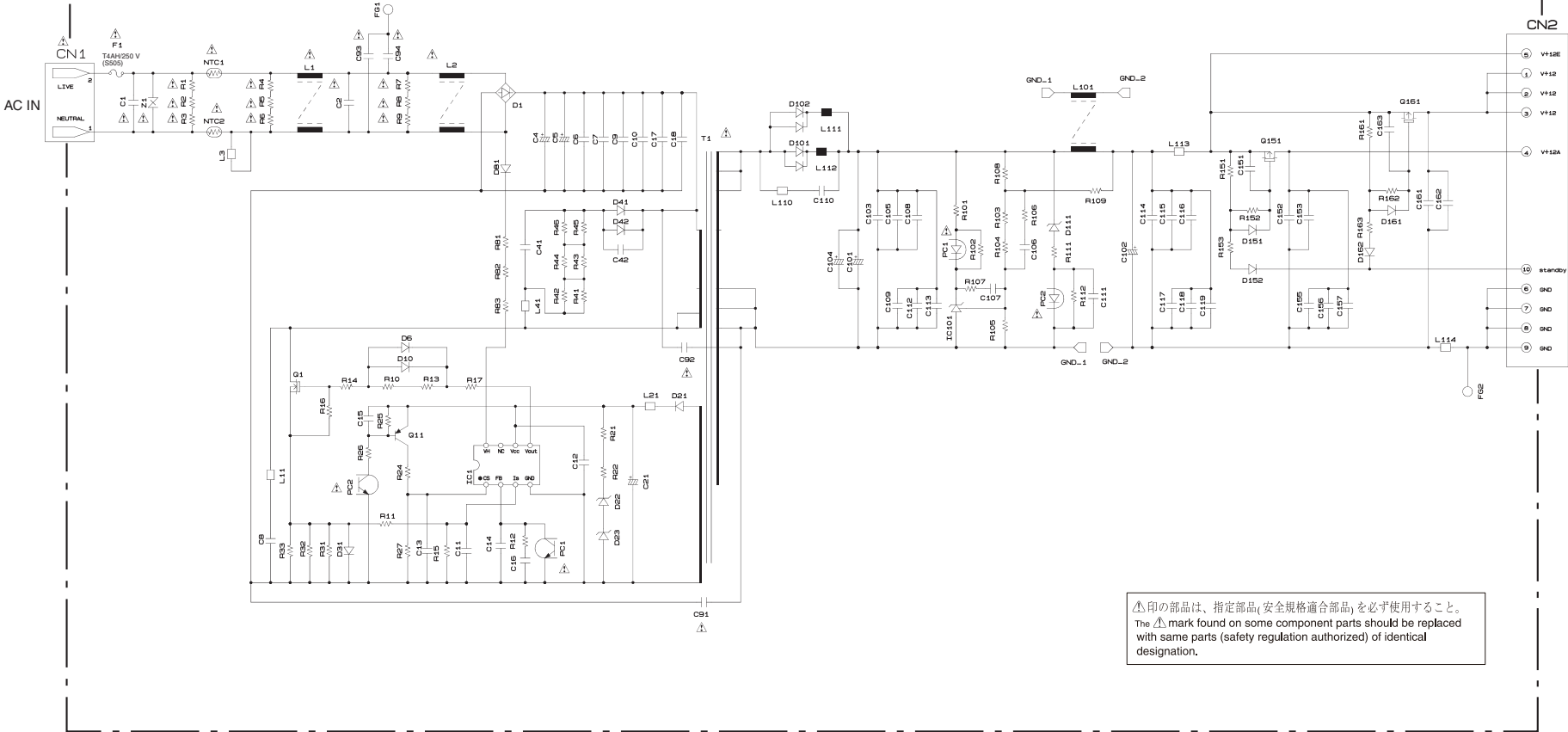
NOTES	
RM Is No Mount	
RS1/RS2/RS3	CRSV***
RS4/RS5/RS6	CRSV***
RS7/RS8/RS9	CRSV***
RS10/RS11/RS12	CRSV***
RS13/RS14/RS15	CRSV***
RS16/RS17/RS18	CRSV***

Y 4/4

Y 4/4

SW POWER SUPPLY (DWR1548)

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE WITH SAME TYPE NO. S505-4A-R MFD. BY COOPER BUSSMANN INC. FOR F1.



△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.

XDJ-RX2

10.52 VOLTAGES

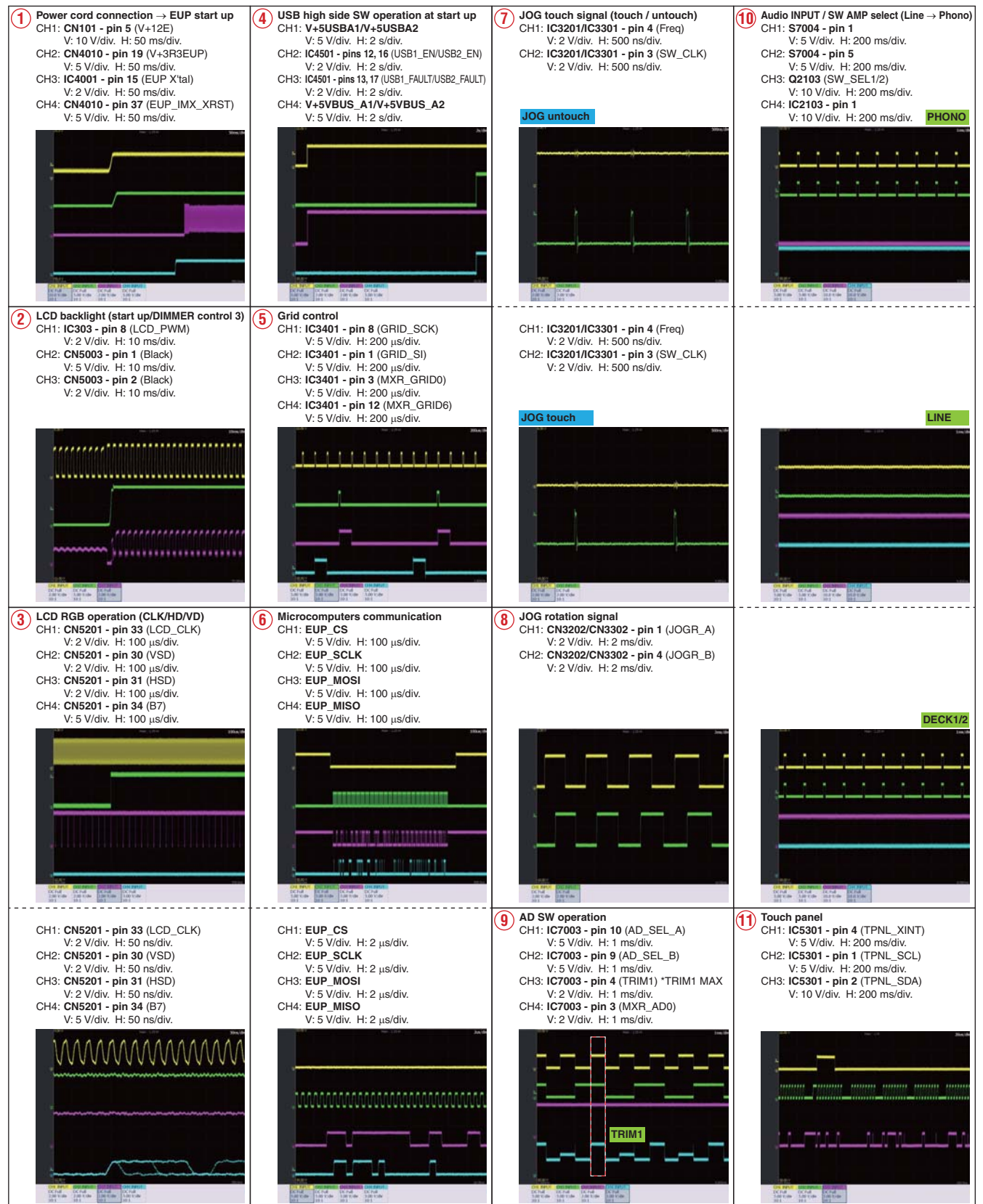
	Voltage name	Min	Typ.	Max	Associated Assy	Observation point	Remarks
A	V+12D	11.40 V	12.00 V	12.60 V	MAIN Assy, AOUT Assy	1	±5%
	V+12L	11.40 V	12.00 V	12.60 V	MAIN Assy, UCOM Assy, LCD Assy	2	±5%
	V+12A/V+12E	11.40 V	12.00 V	12.60 V	MAIN Assy	3	±5%
	V+5R29	5.03 V	5.29 V	5.55 V	MAIN Assy	4	±5%
	V+5R2D	4.94 V	5.20 V	5.46 V	MAIN Assy, LCD Assy	5	±5%
B	V+5LED/V+5_LED	4.94 V	5.20 V	5.46 V	MAIN Assy, UCOM Assy, MXB Assy, LCD Assy, DCK1/2 Assy, JOGT1/2 Assy, LVMB Assy	6	±5%
	V+3R3EUP	0.00 V		0.00 V	MAIN Assy, UCOM Assy	7	
	V+15A	14.25 V	15.00 V	15.75 V	MAIN Assy, AOUT Assy, MCJK Assy	8	±5%
	V-15A	-15.75 V	-15.00 V	-14.25 V	MAIN Assy, AOUT Assy, MCJK Assy	9	±5%
	V+7R5HP	7.13 V	7.50 V	7.88 V	MAIN Assy	10	±5%
C	V-7R5HP	-7.88 V	-7.50 V	-7.13 V	MAIN Assy	11	±5%
	V+5ADC	4.95 V	5.00 V	5.05 V	MAIN Assy	12	±1%
	V+5A	4.95 V	5.00 V	5.05 V	MAIN Assy, AOUT Assy	13	±1%
	V+4R2D	3.99 V	4.20 V	4.41 V	MAIN Assy	14	±5%
	V+1R5DDR	1.455 V	1.50 V	1.545 V	MAIN Assy	15	±3%
	V+1R375SOC	1.334 V	1.375 V	1.416 V	MAIN Assy	16	Just after startup, ±3%
		1.261 V	1.300 V	1.339 V	MAIN Assy		Normal operation, ±3%
	V+1R375CORE	1.334 V	1.375 V	1.416 V	MAIN Assy	17	Just after startup, ±3%
		1.261 V	1.300 V	1.339 V	MAIN Assy		Normal operation, ±3%
	V+2R8VHIGH	2.716 V	2.80 V	2.884 V	MAIN Assy	18	Just after startup, ±3%
D		2.910 V	3.00 V	3.090 V	MAIN Assy		Normal operation, ±3%
	V+3R0VSNVS	2.85 V	3.00 V	3.15 V	MAIN Assy	19	±5%
	V+3R3D	3.201 V	3.30 V	3.399 V	MAIN Assy, LCD Assy, UCOM Assy, MXB Assy, DCK1/2 Assy, AOUT Assy, PAD1/2 Assy, JOGT1/2 Assy, JOG1/2 Assy, LVMB Assy	20	±3%
	V+3R3A	3.201 V	3.30 V	3.399 V	MAIN Assy	21	±3%
	V+5VBUS1 /V+5VBUS2	4.88 V	5.14 V	5.40 V	AOUT Assy, USBA1/2 Assy	22	±5%
E	V+18	17.10 V	18.00 V	18.90 V	LCD Assy	23	±5%
	V-6	-5.70 V	-6.00 V	-6.30 V	LCD Assy	24	±5%
	V+9R6	9.12 V	9.60 V	10.08 V	LCD Assy	25	±5%
	LCD Backlight	9.55 V	10.60 V	11.75 V	LCD Assy	26	
	V+3R3_AD	3.14 V	3.30 V	3.47 V	UCOM Assy, MXRB Assy, DCK1/2 Assy, MEQB Assy, CRFD Assy	27	±5%

F

10.53 WAVEFORMS

NOTE: The following waveforms were measured at the point of the corresponding balloon number 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。



A ■ AUDIO SECTION

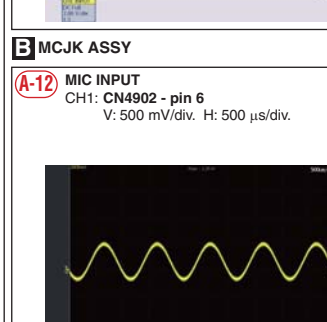
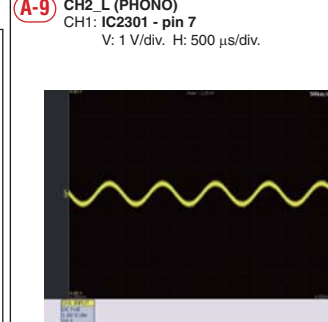
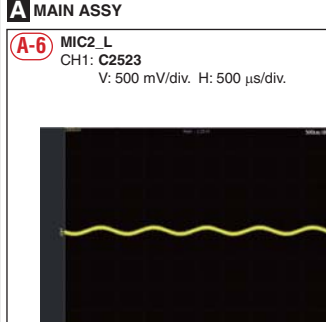
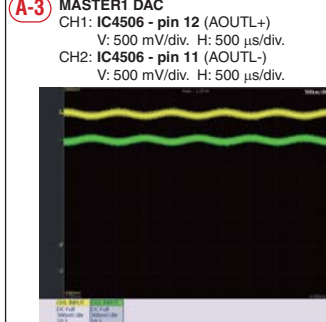
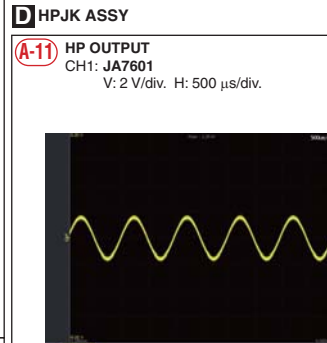
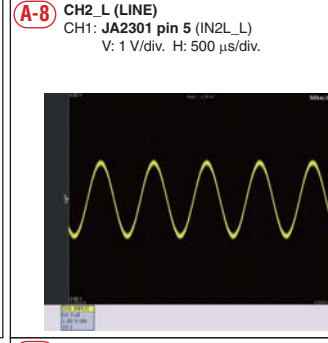
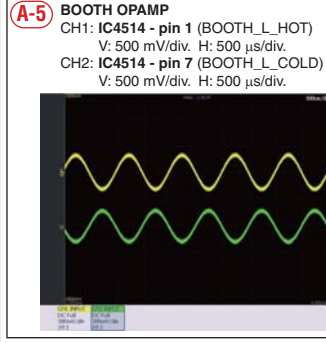
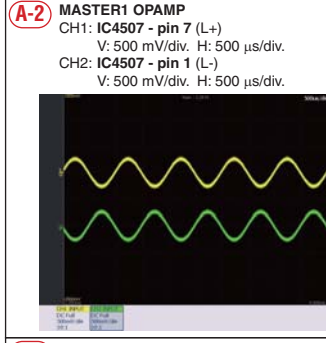
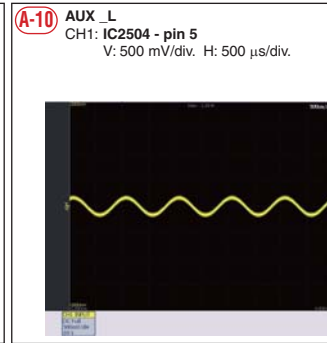
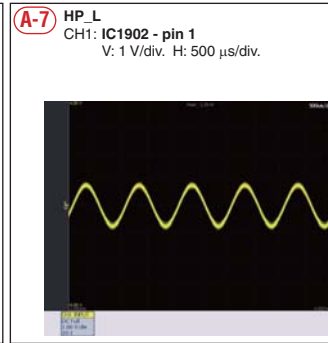
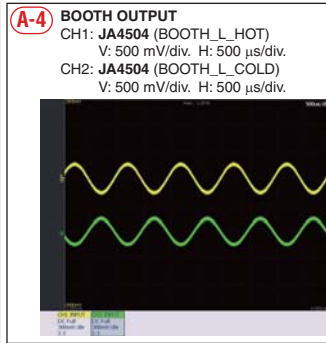
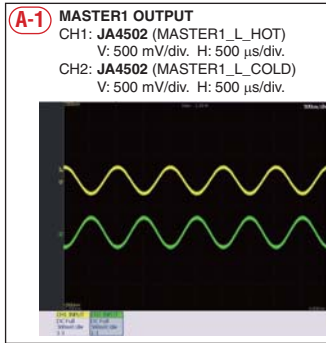
Measurement Condition

IN or OUT	Measured CH	IN CH	IN Level	IN Frequency	RL	Remarks
OUT	MASTER1	CH2	0 dBfs	1kHz	10 kΩ	MASTER2: same conditions
OUT	BOOTH	CH2	0 dB	1kHz	10 kΩ	
OUT	HP	CH2	0 dB	1kHz	32 Ω	
IN	LINE	CH2	0 dB	1kHz		CH1: same conditions
IN	PHONO	CH2	-40 dB	1kHz		CH1: same conditions
IN	AUX	AUX	-30 dB	1kHz		
IN	MIC	MIC2	-40 dB	1kHz		MIC1: same conditions, TS JACK

Each SW/VR Position

Name	Position	Name	Position
TRIM	CENTER	TEMPO SLIDER	CENTER
EQ	CENTER	FX PARAMETER	CENTER
CH FADER	MAX	COLOR	CENTER
MIC SW	ON	MASTER LEVEL	CENTER
MIC LEVEL	CENTER	BOOTH MONITOR	CENTER
MIC EQ	CENTER	HP LEVEL	CENTER
CROSS FADER	CENTER	BALANCE	CENTER
CROSS FADER CURVE	CENTER		
CROSS FADER ASSIGN	THRU		

C ■ AOUT ASSY



11. PCB CONNECTION DIAGRAM

11.1 MAIN ASSY

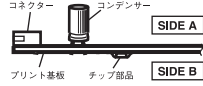
SIDE A

SIDE A

PCB 図に対する注意

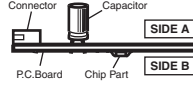
1. この PCB 図にマウントしている部品は複数の仕向地の部品を含んでいます。各仕向地の情報は、回路図で確認するようにしてください。

2. PCB 図の見かた。



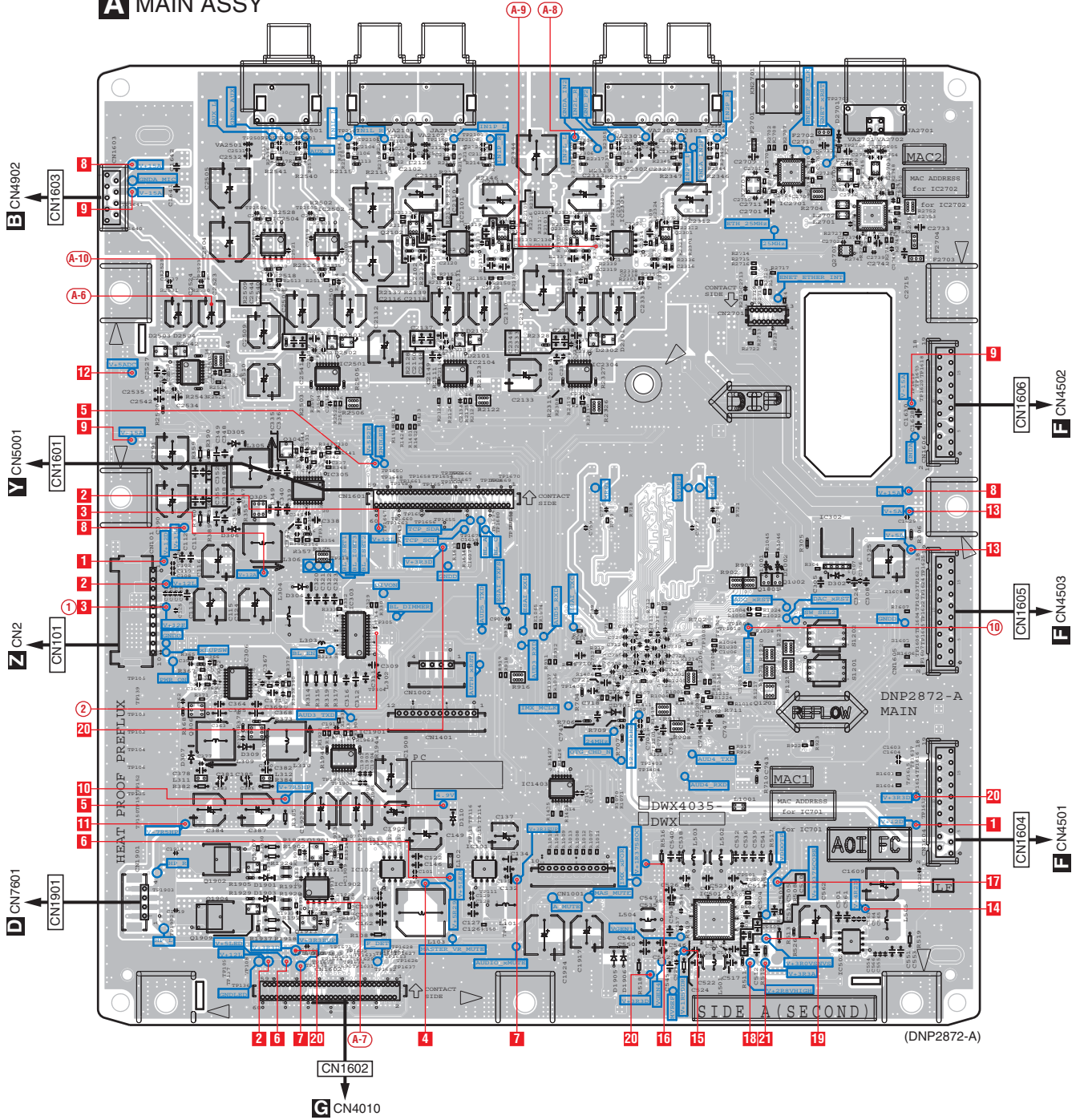
NOTE FOR PCB DIAGRAMS :
 1. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.

2. View point of PCB diagrams.



The blue character is silk for services.

A MAIN ASSY



A

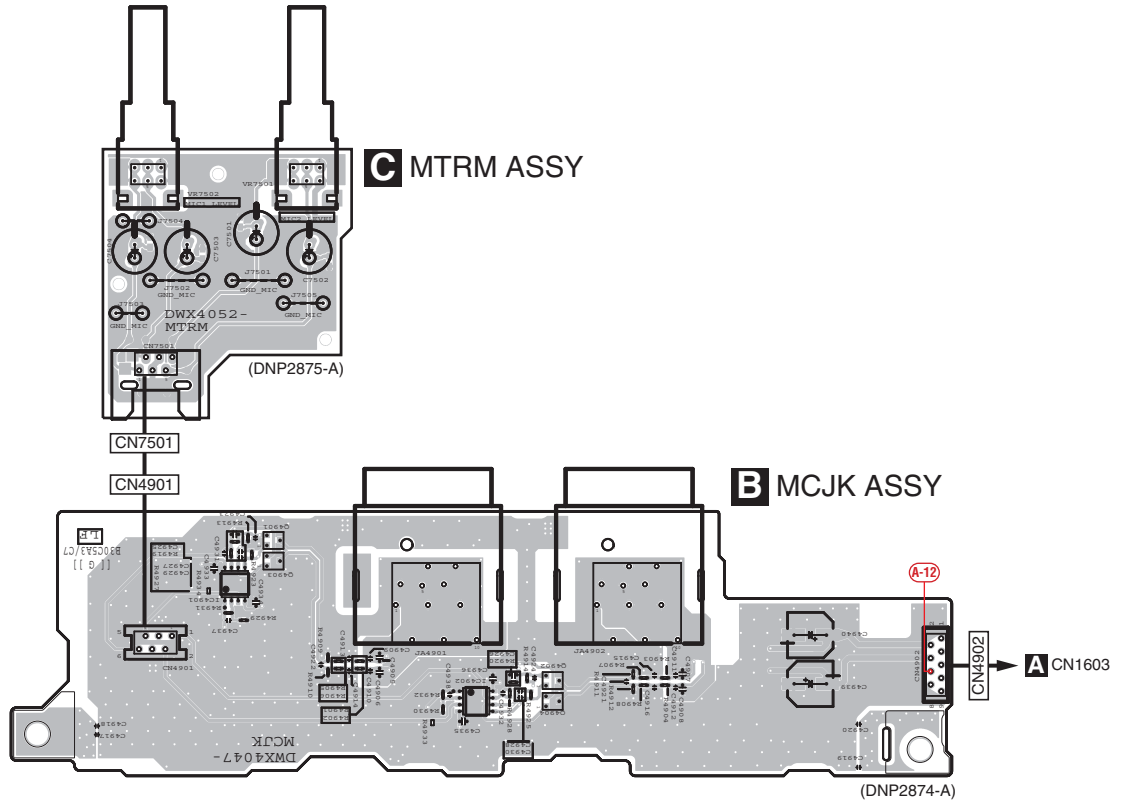
A

XDJ-RX2

11.2 MCJK and MTRM ASSYS

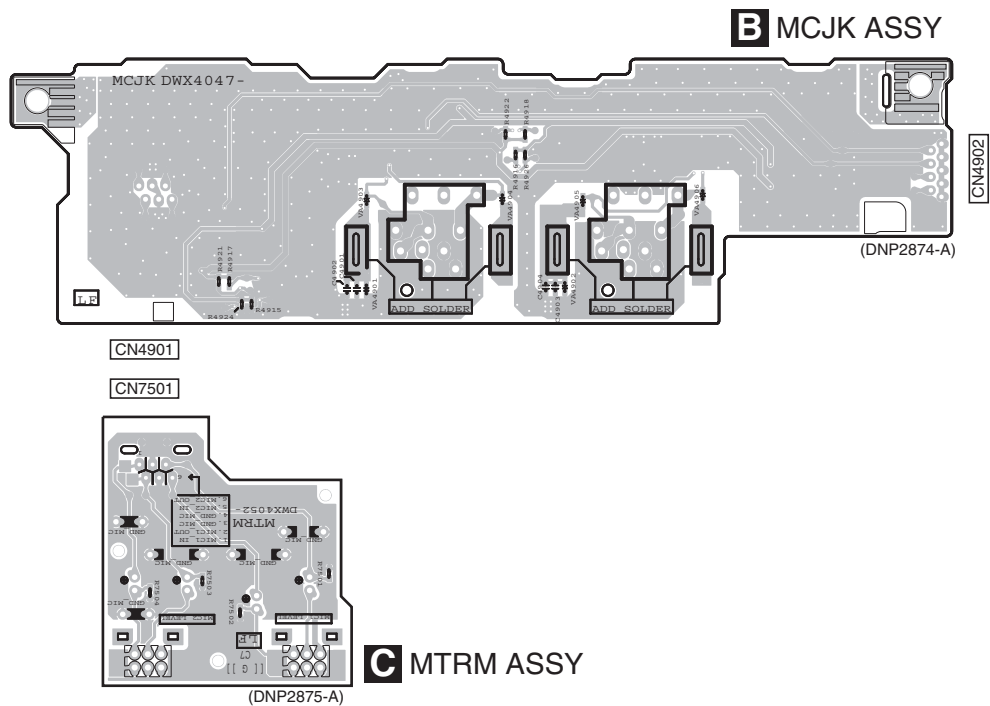
SIDE A

SIDE A



SIDE B

SIDE B



B C

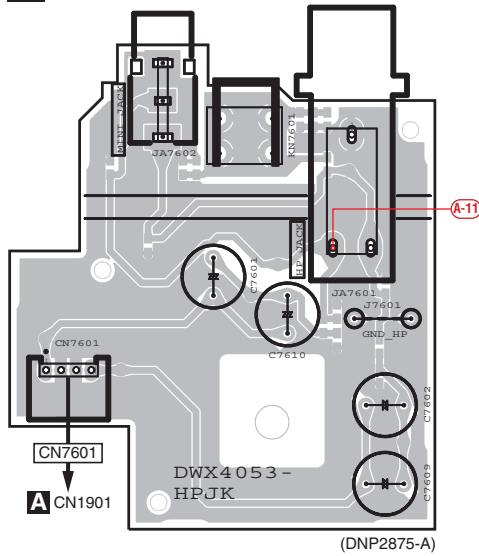
B C

11.3 HPJK and USBA ASSYS

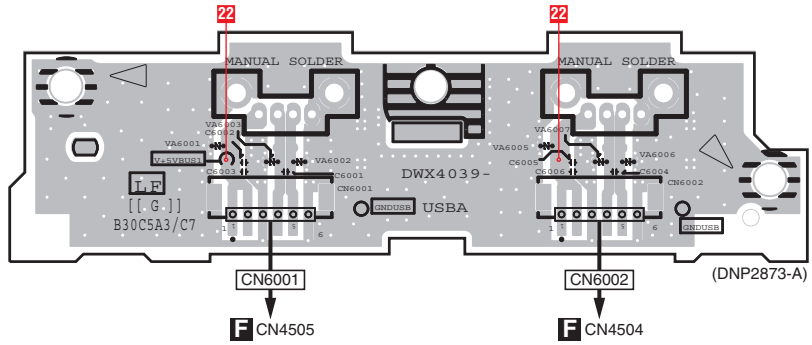
SIDE A

SIDE A

D HPJK ASSY

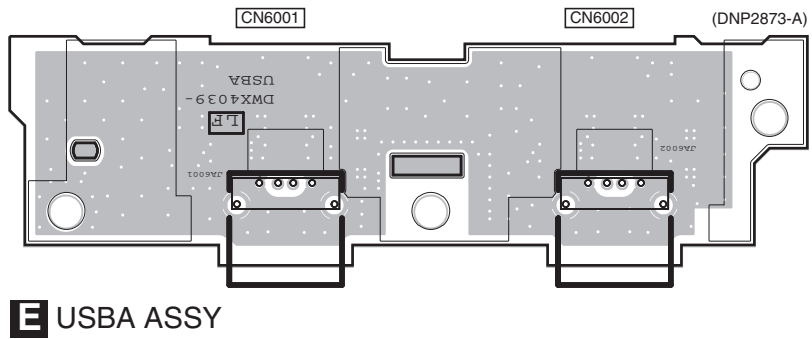
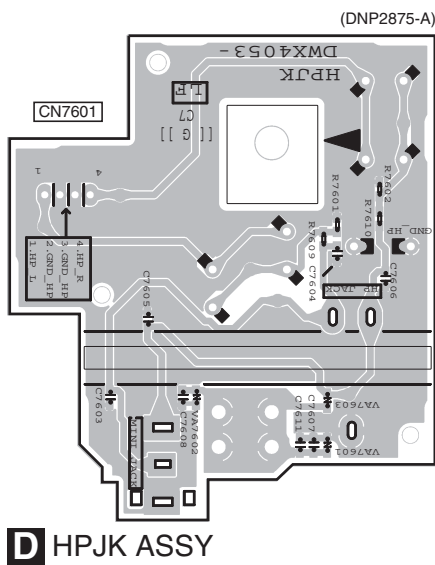


E USBA ASSY



SIDE B

SIDE B



E USBA ASSY

D E

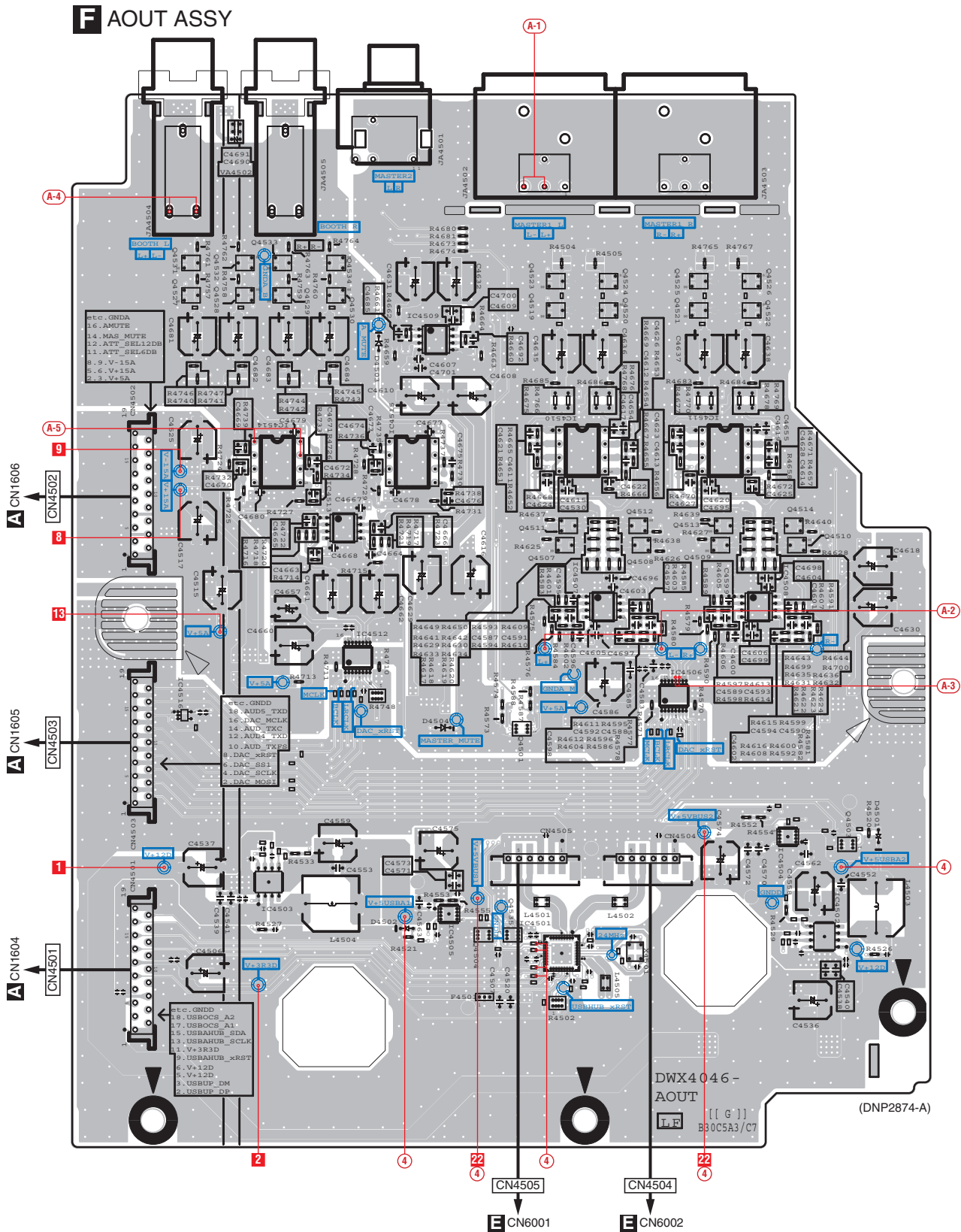
D E

11.4 AOUT ASSY

SIDE A

SIDE A

The blue character is silk for services.



F

F

XDJ-RX2

SIDE B

SIDE B

A

The blue character is silk for services.

F AOUT ASSY

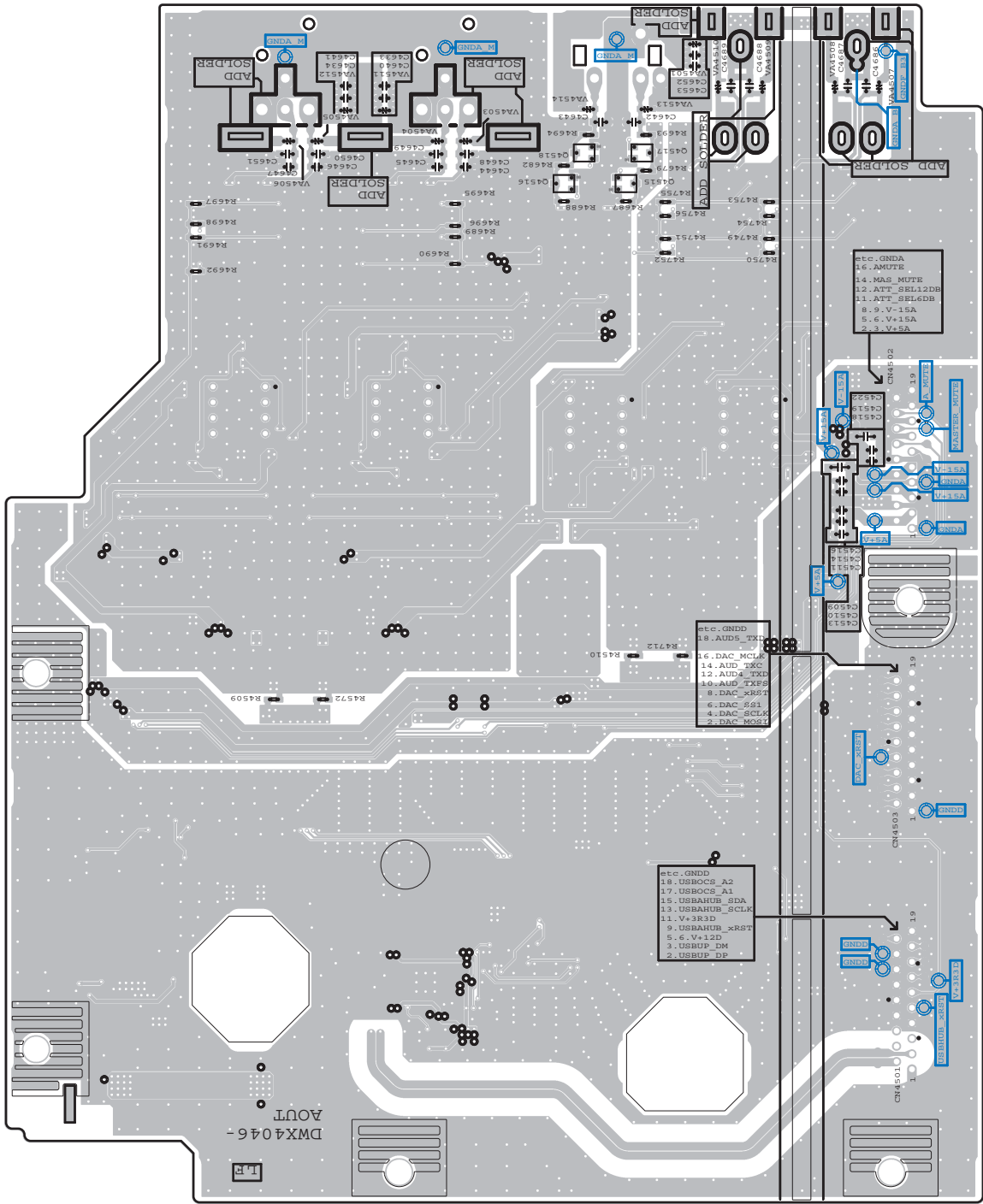
B

C

D

E

F



CN4504

CN4505

(DNP2874-A)

F

F

SIDE B

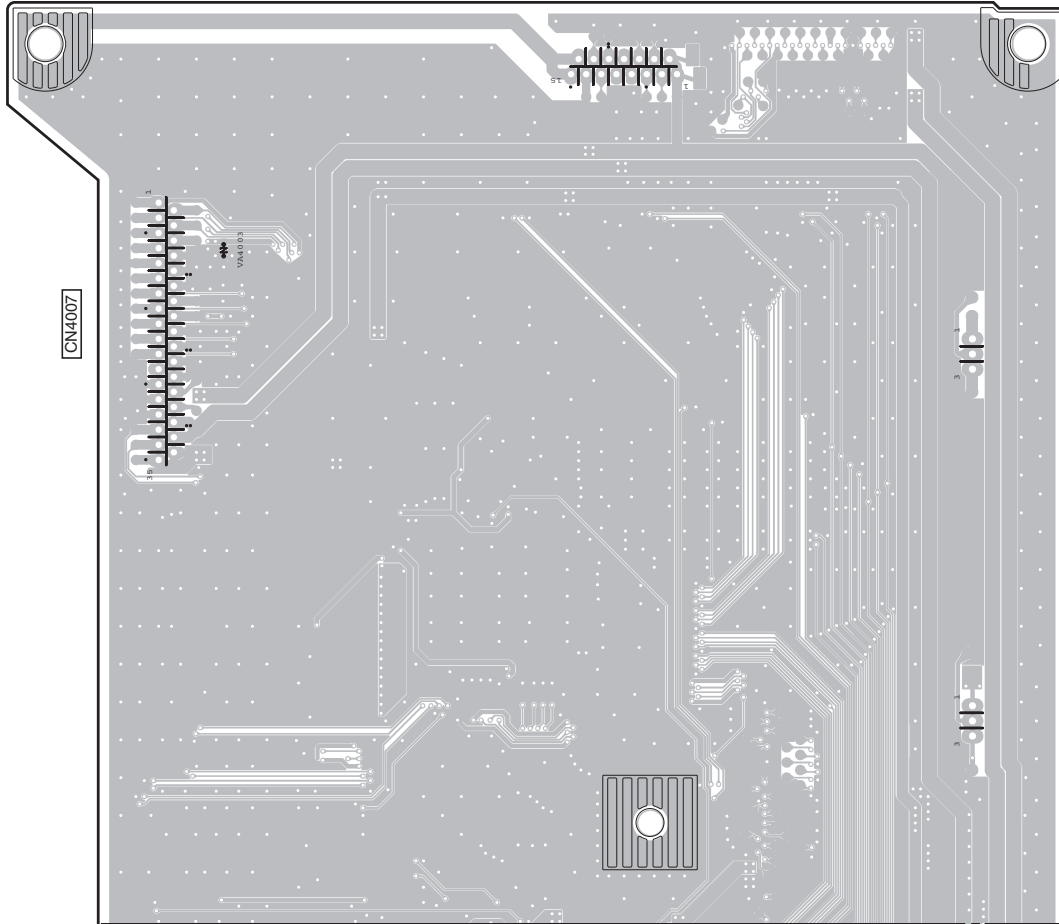
SIDE B

A

G UCOM ASSY

CN4008

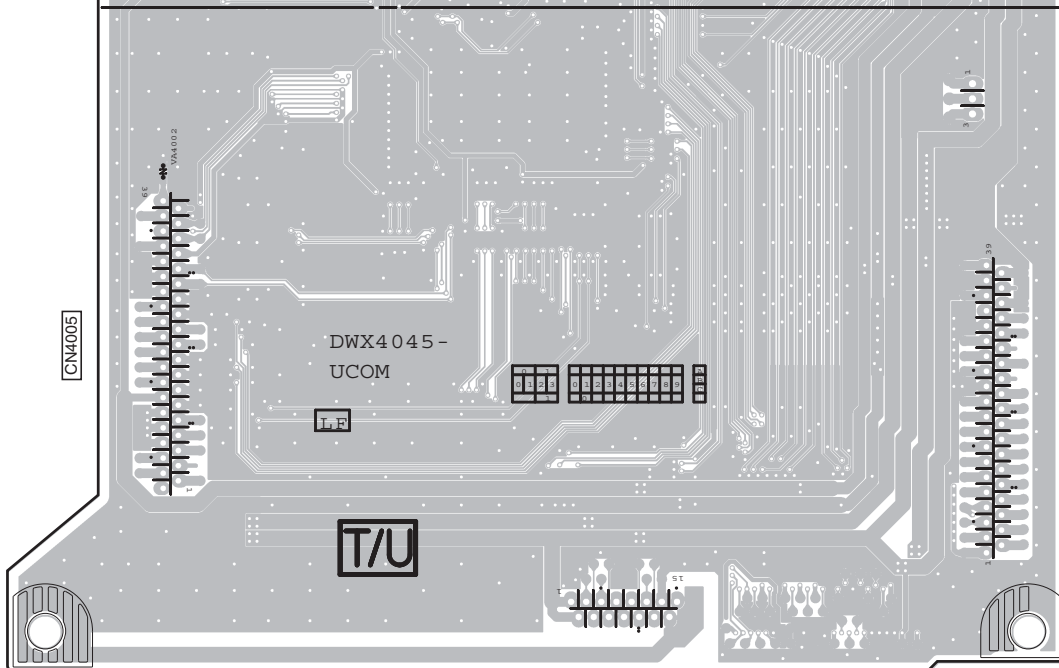
CN4003



D



E



F



G

G

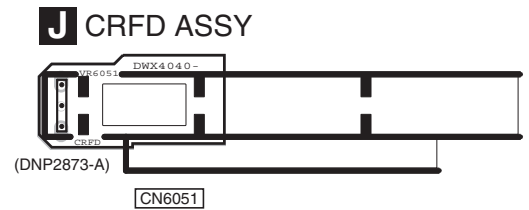
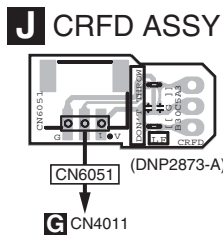
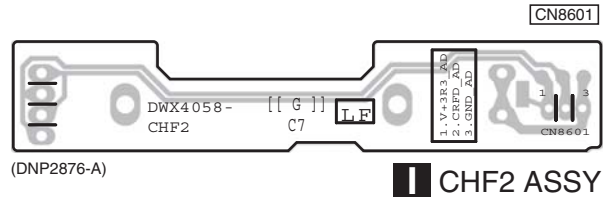
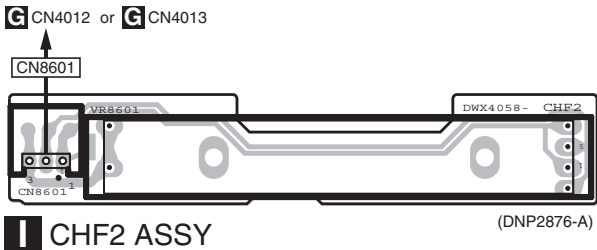
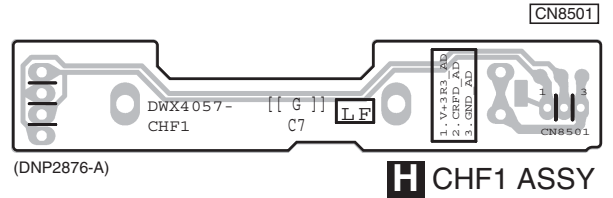
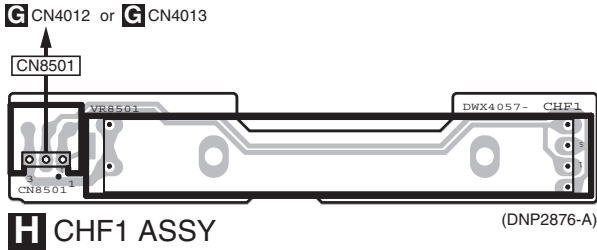
11.6 CHF1, CHF2 and CRFD ASSYS

SIDE A

SIDE B

Note:
 The 1 and 2 Assys of CHF Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 CHF の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が違いため印刷内容が異なります。
 生産上は 1 と 2 の ASSY を管理していません。
 このためそれぞれの場所には 1 と 2 どちらかの ASSY が配属されています。



H I J

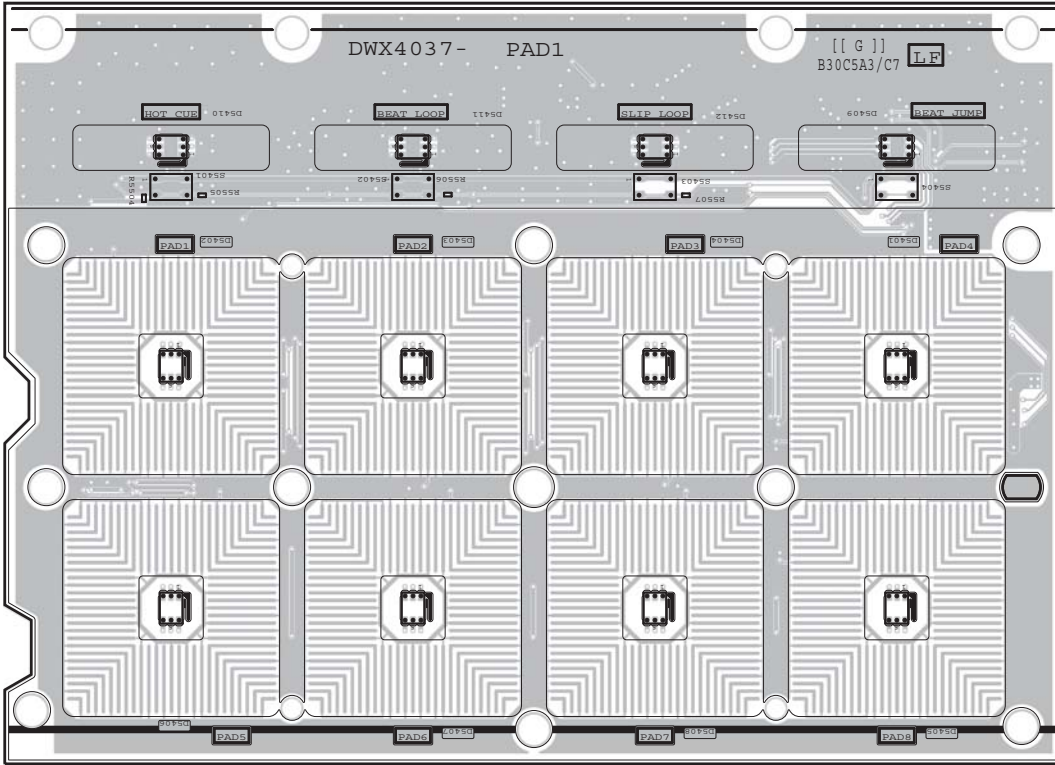
H I J

11.7 PAD1 ASSY

SIDE A

SIDE A

K PAD1 ASSY

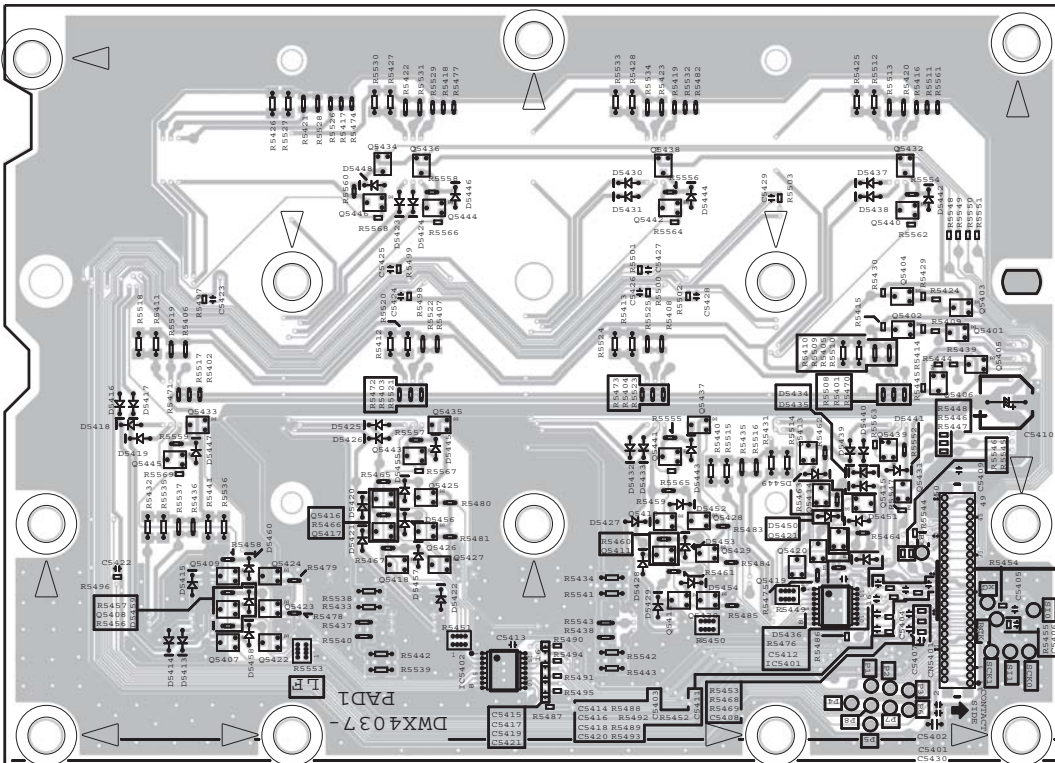


(DNP2873-A)

SIDE B

SIDE B

K PAD1 ASSY



(DNP2873-A)

K

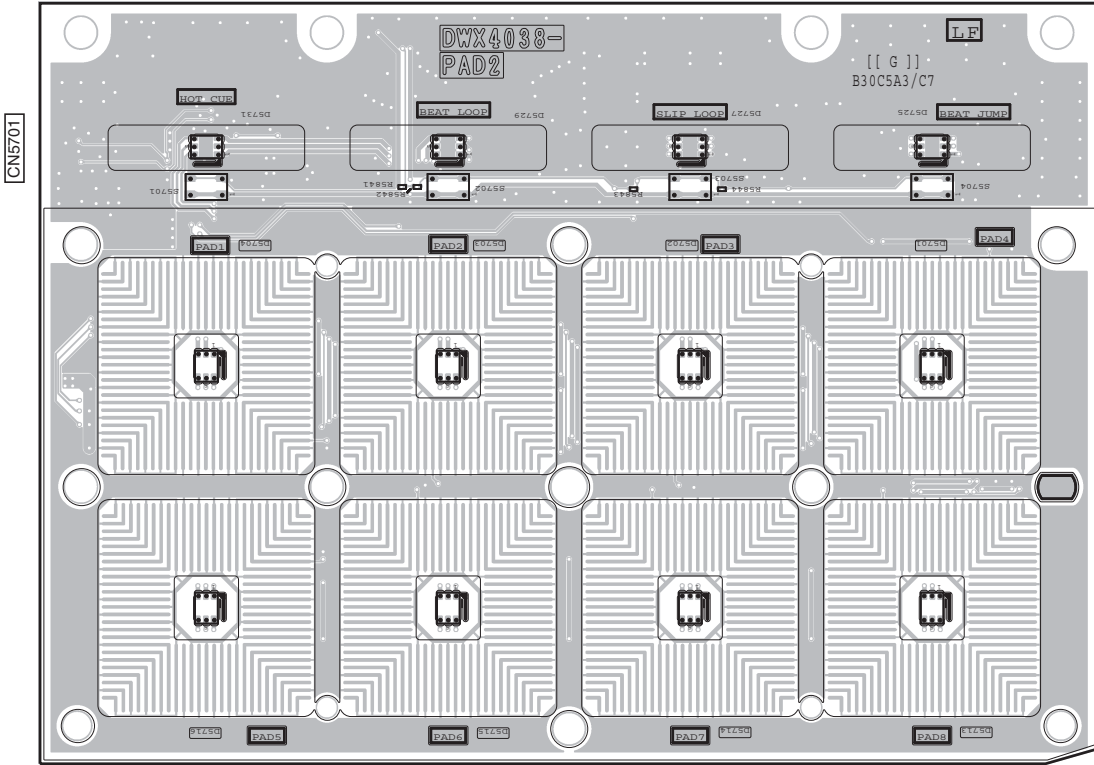
K

11.8 PAD2 ASSY

SIDE A

SIDE A

L PAD2 ASSY

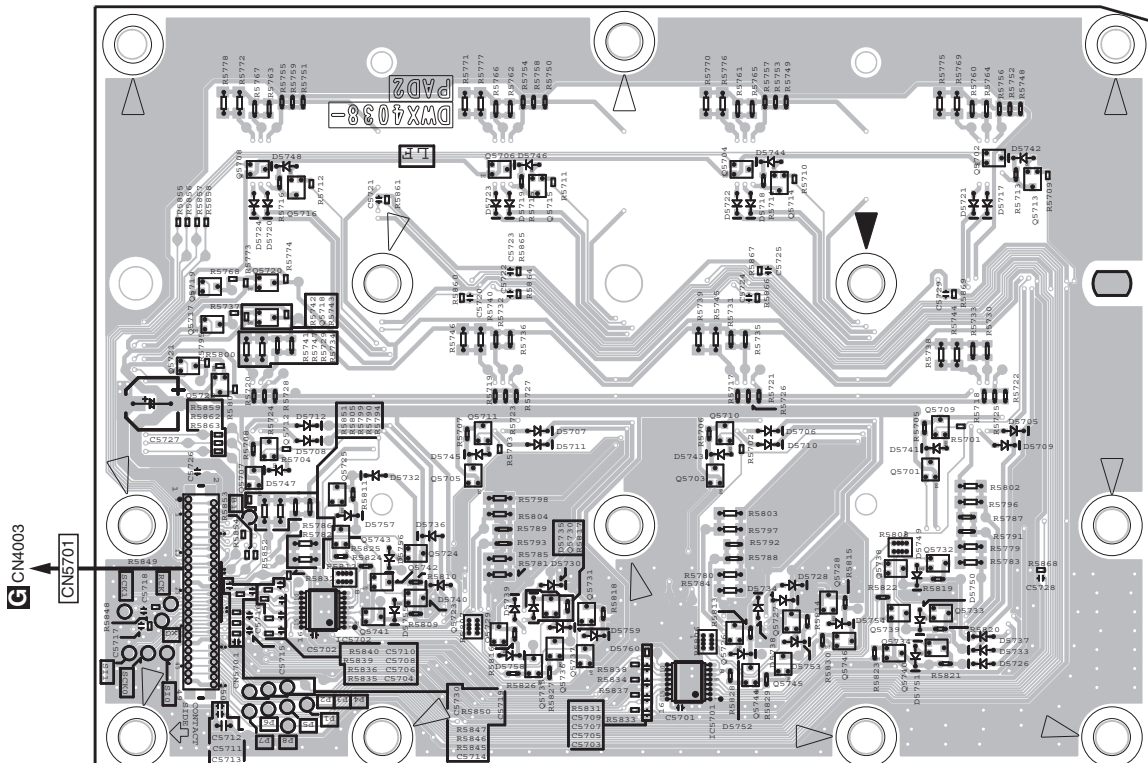


(DNP2873-A)

SIDE B

SIDE B

L PAD2 ASSY



(DNP2873-A)

L

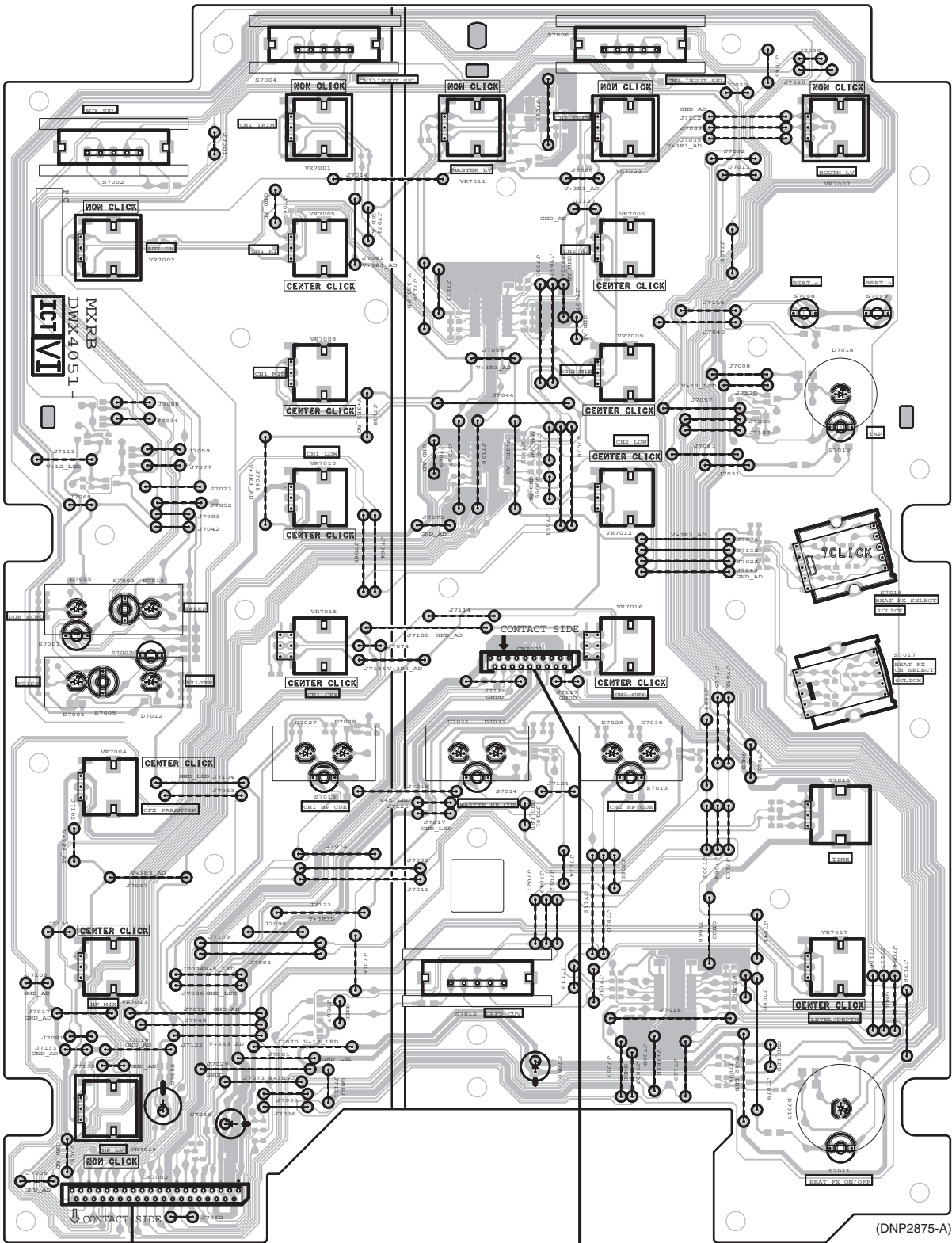
L

11.9 MXRB ASSY

SIDE A

SIDE A

M MXRB ASSY



(DNP2875-A)

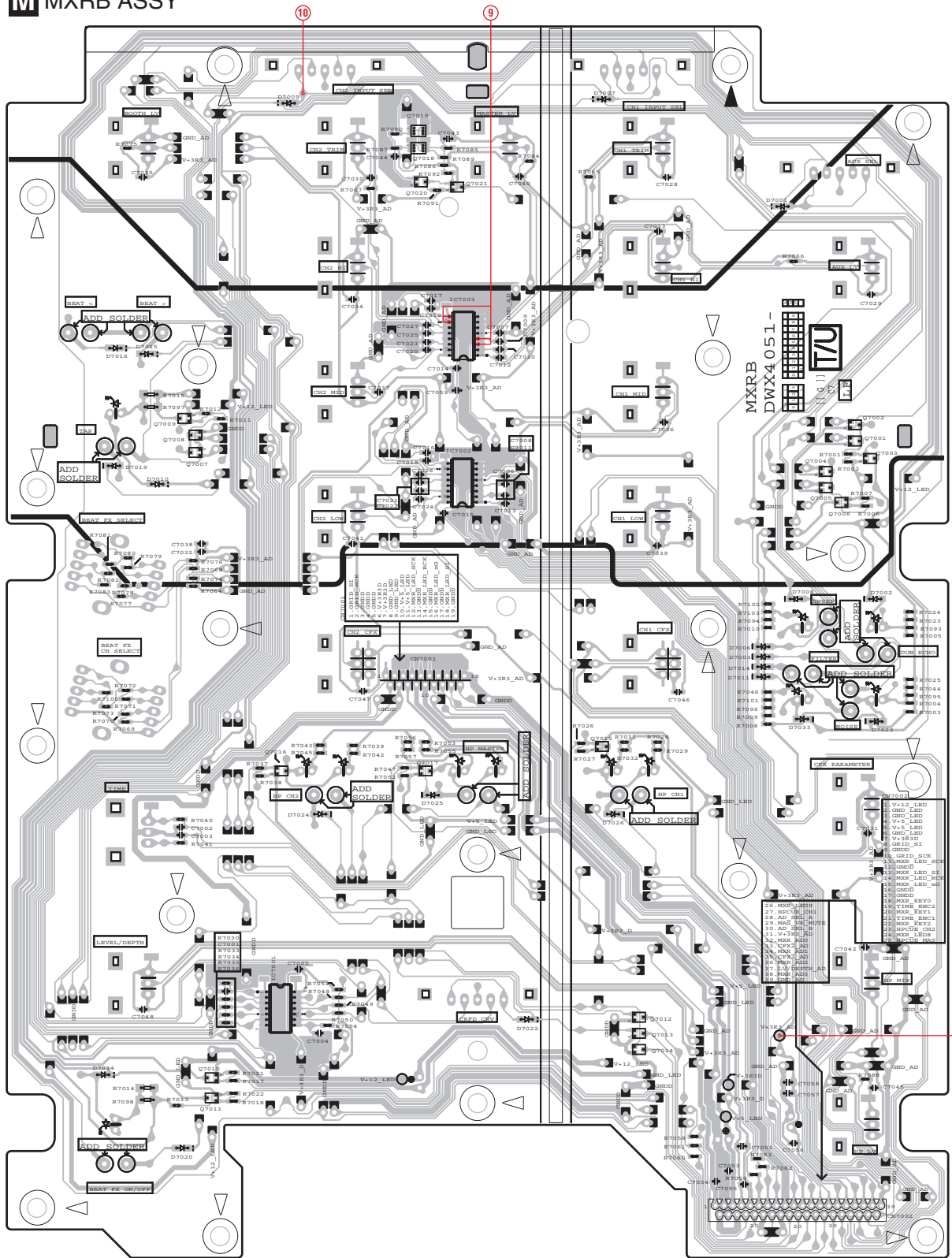
CN7002
CN4009

CN7001
CN3401

SIDE B

SIDE B

M MXRB ASSY



CN7001

CN7002

(DNP2875-A)

M

M

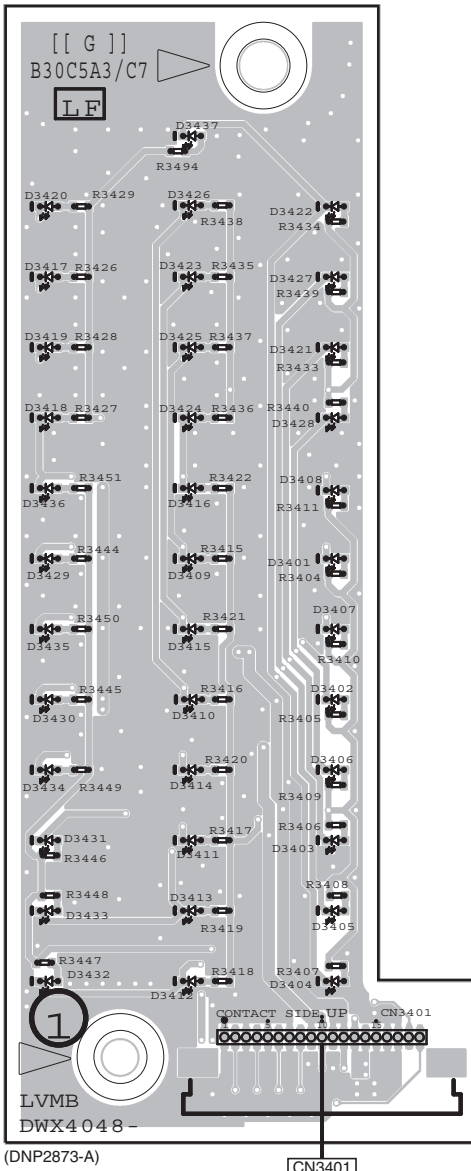
XDJ-RX2

11.10 LVMB ASSY

SIDE A

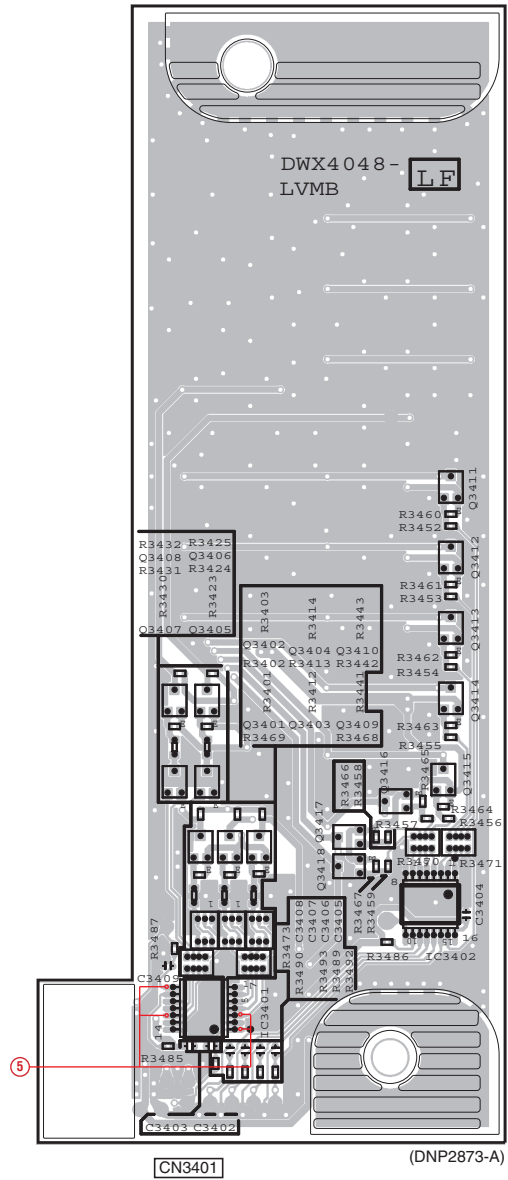
SIDE B

N LVMB ASSY



CN3401
M CN7001

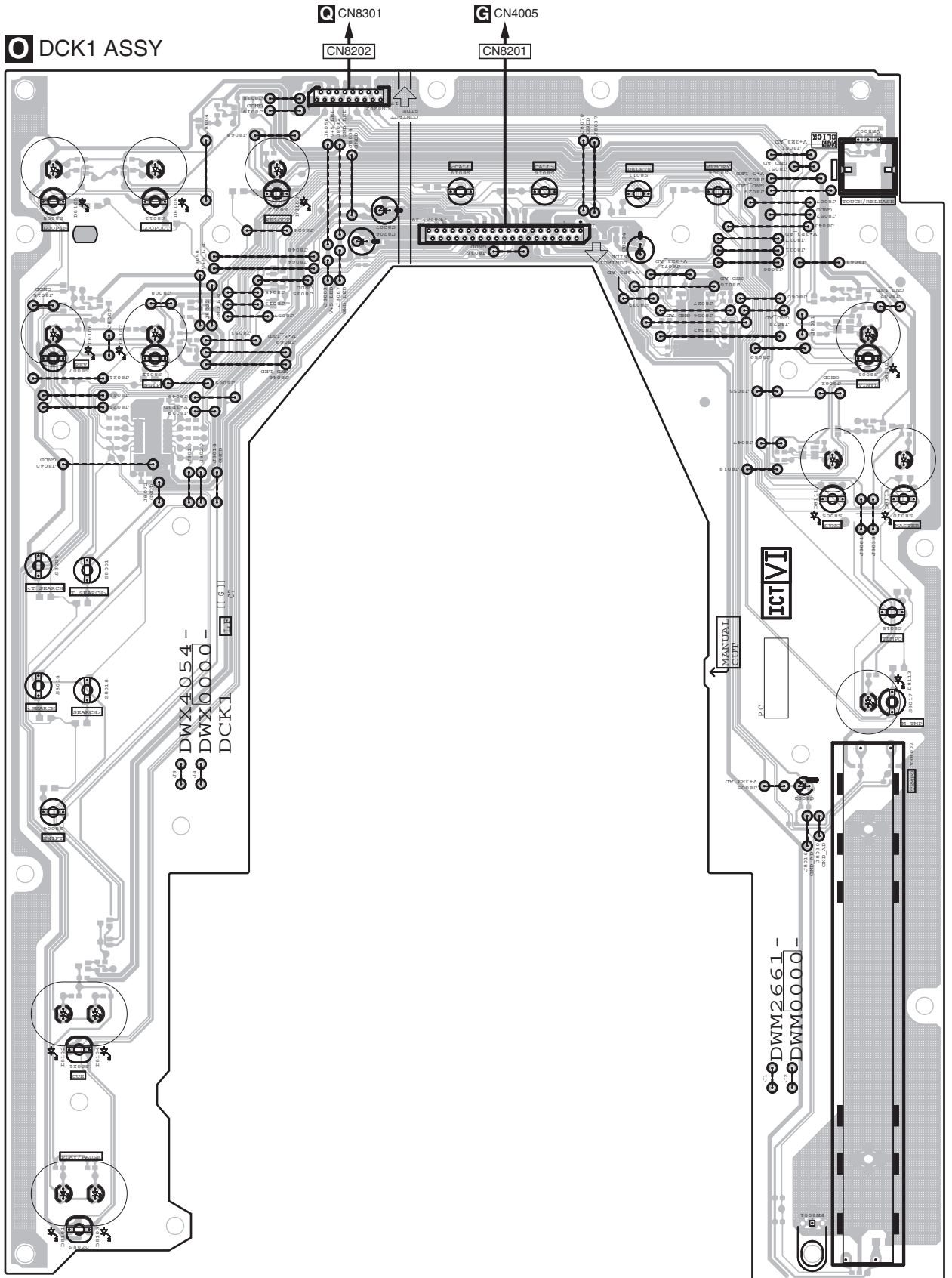
N LVMB ASSY



11.11 DCK1 ASSY

SIDE A

SIDE A



(DNP2876-A)



SIDE B

SIDE B

A

B

C

D

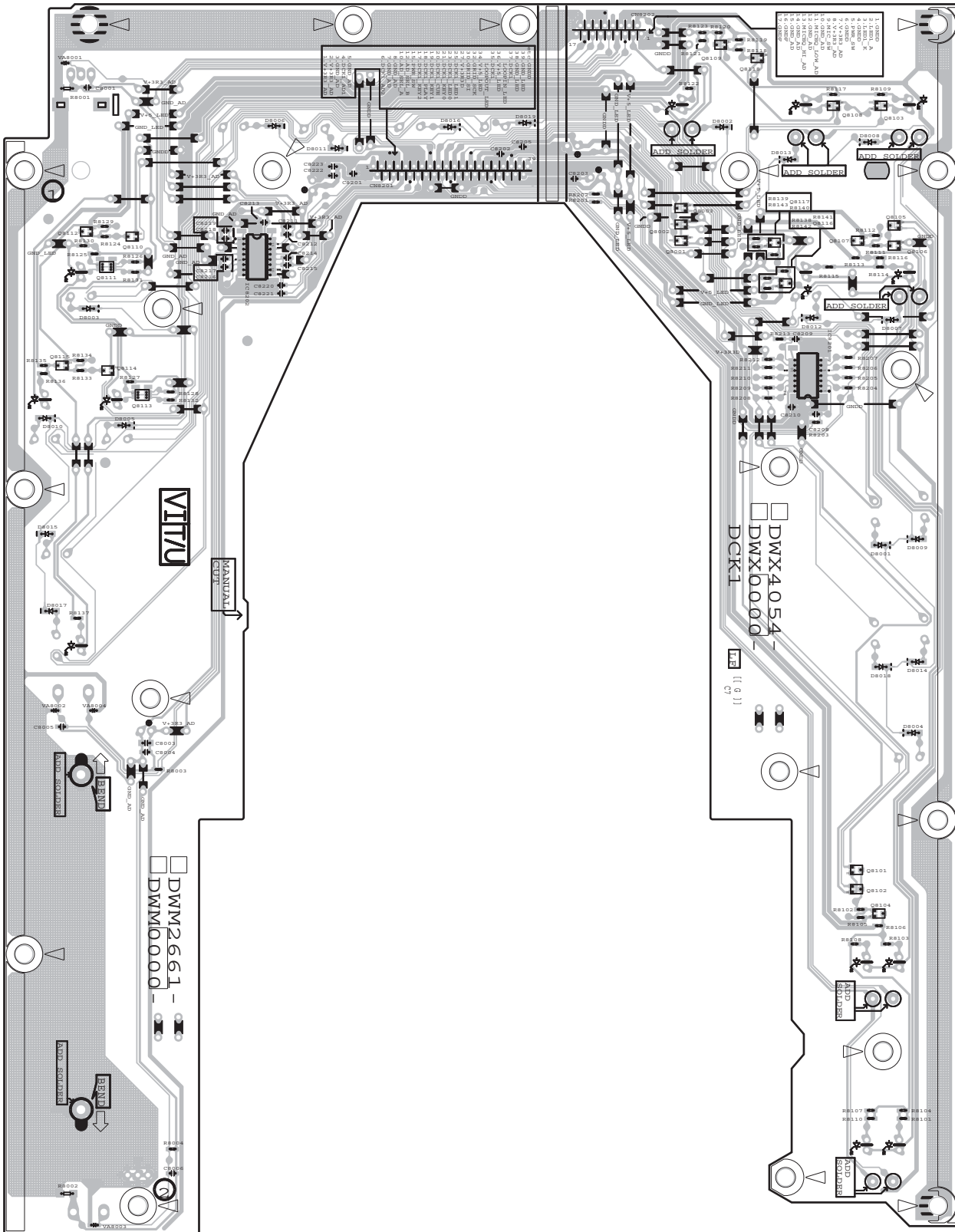
E

F

DCK1 ASSY

CN8201

CN8202



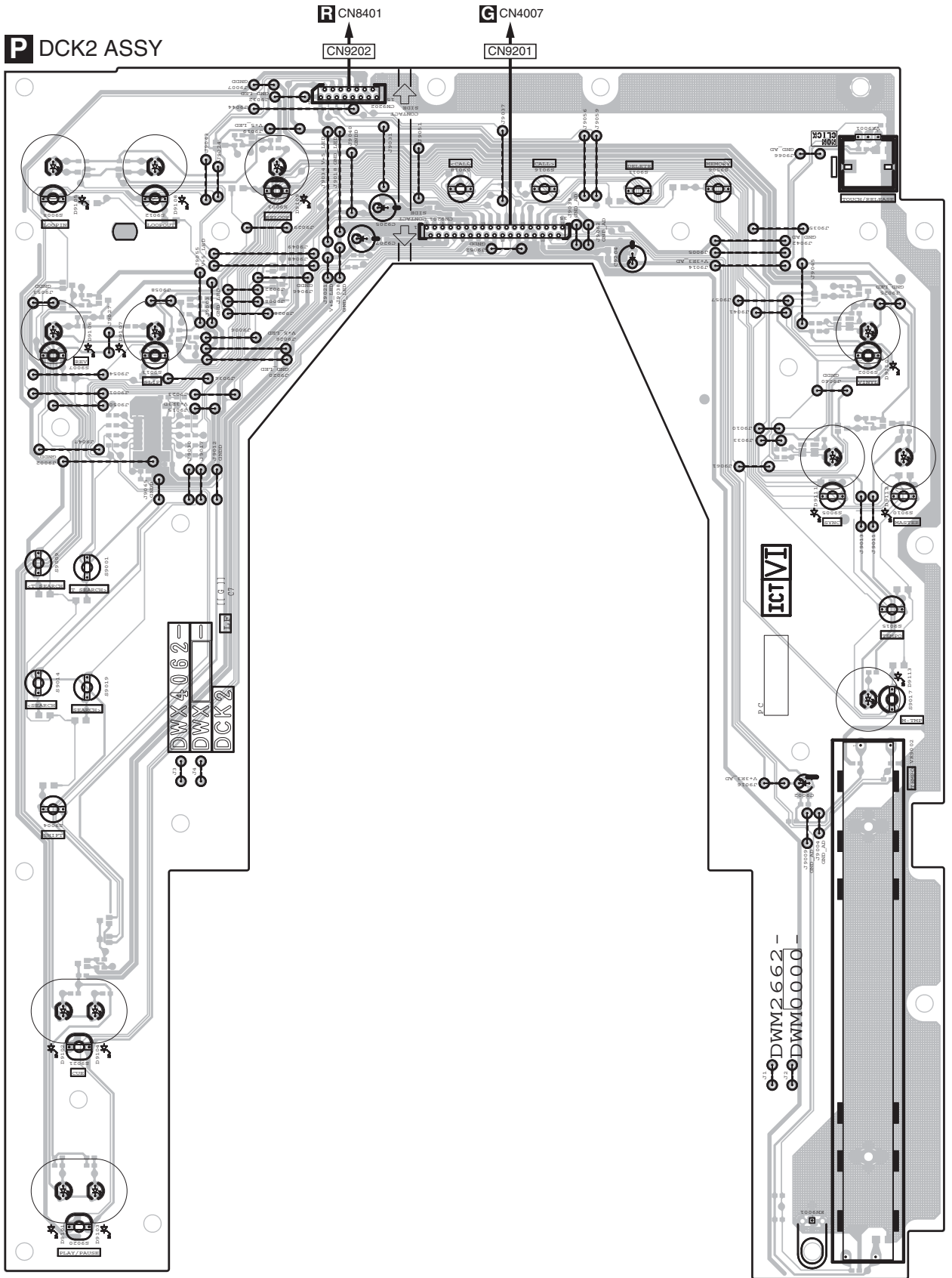
(DNP2876-A)



11.12 DCK2 ASSY

SIDE A

SIDE A



(DNP2877-A)

P

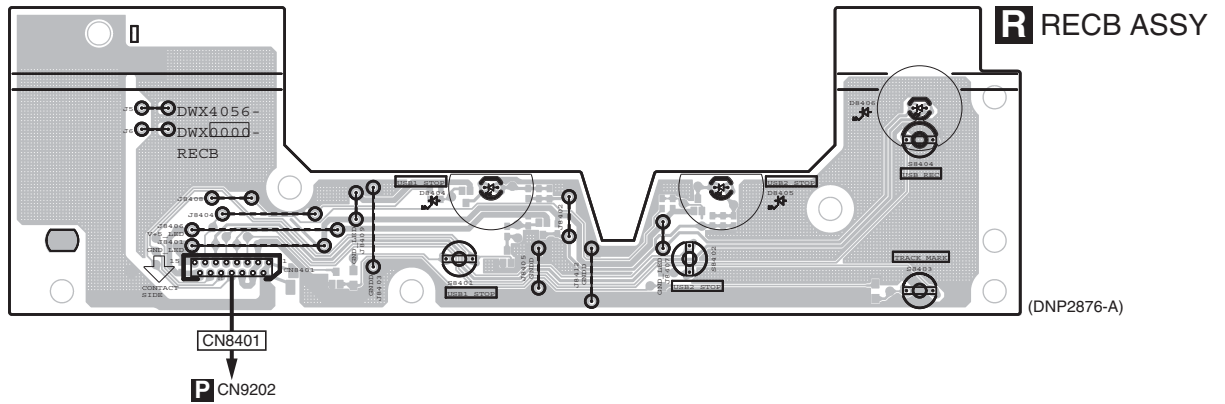
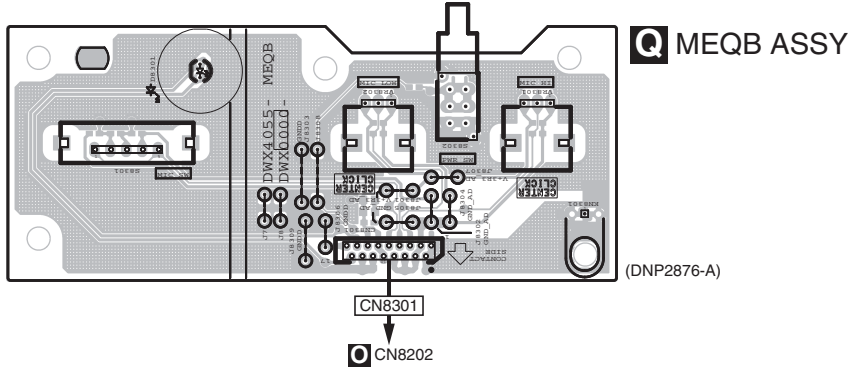
P

XDJ-RX2

11.13 MEQB and RECB ASSYS

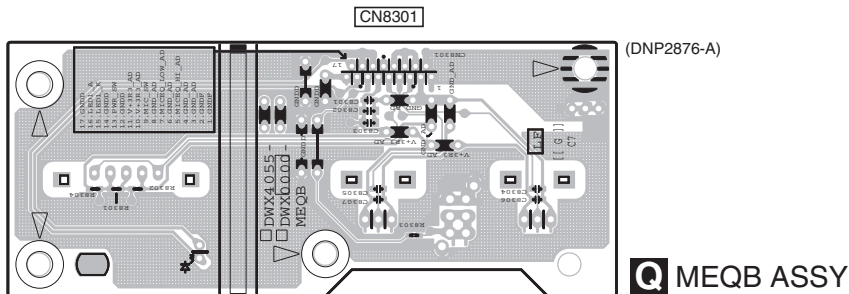
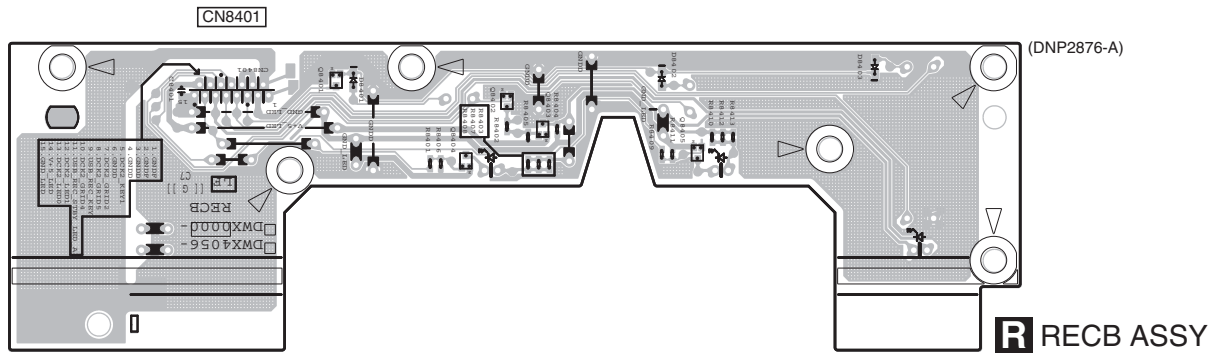
SIDE A

SIDE A



SIDE B

SIDE B



Q R

Q R

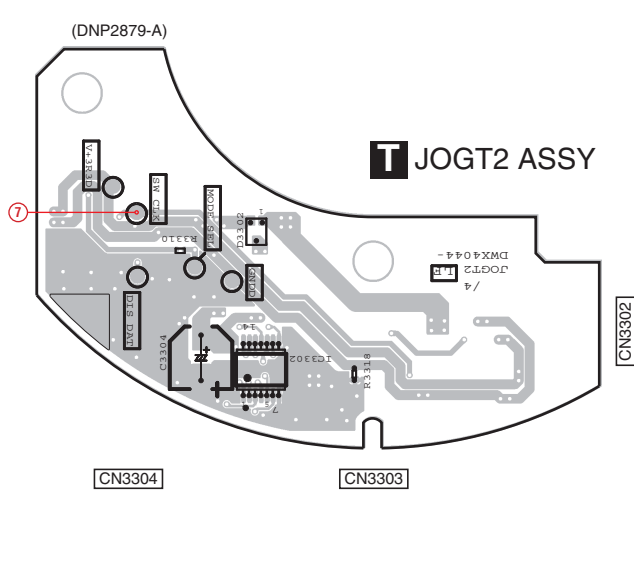
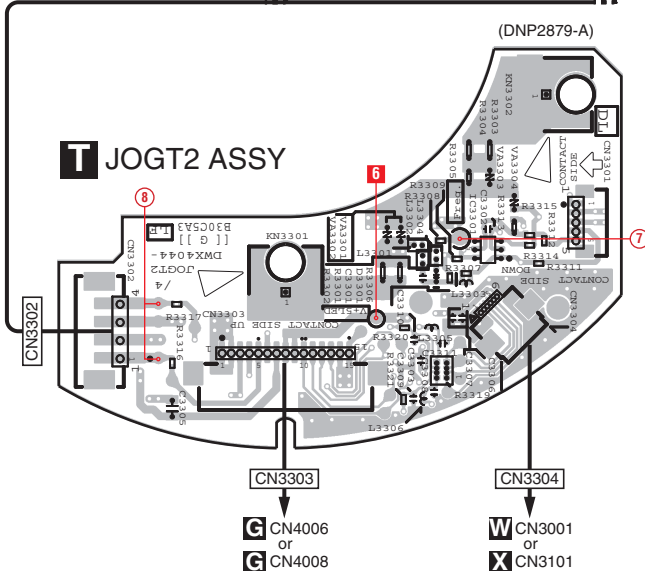
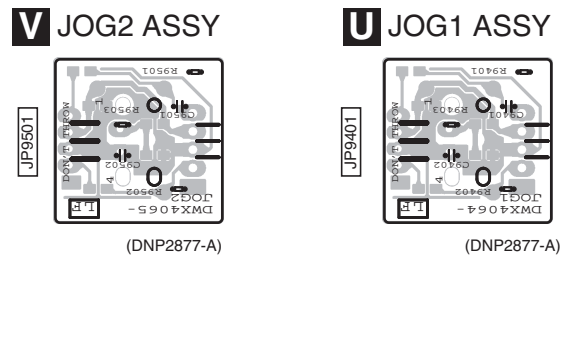
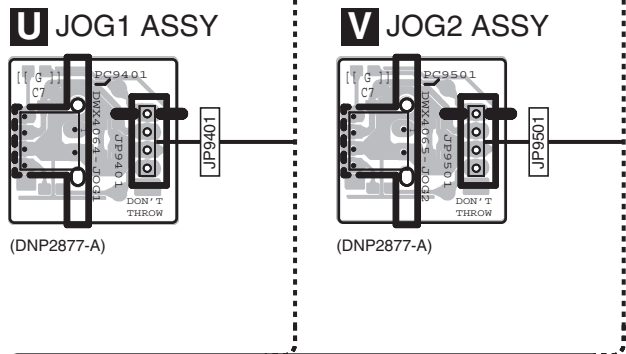
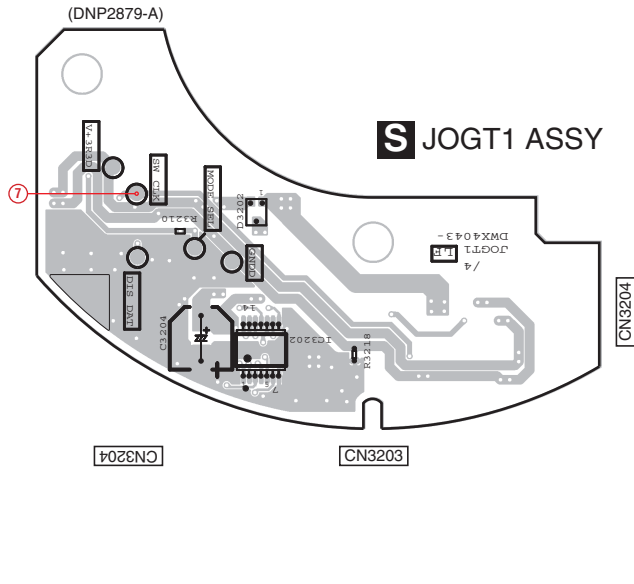
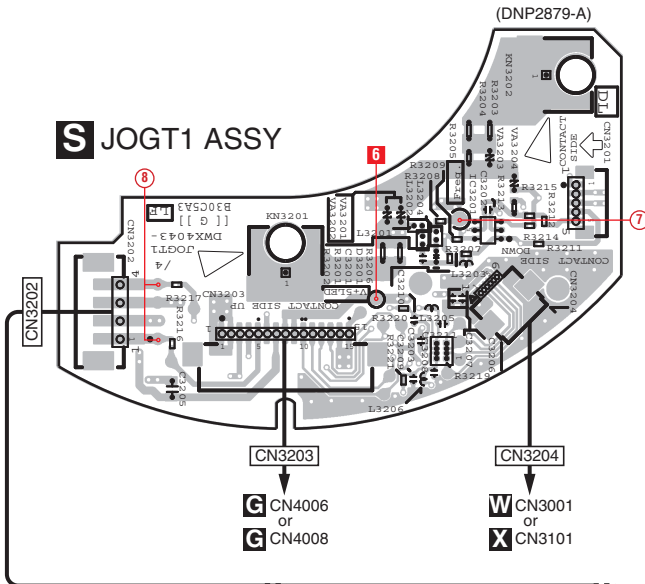
11.14 JOGT1, JOGT2, JOG1 and JOG2 ASSYS

SIDE A

SIDE B

Note:
 The 1 and 2 Assys of JOG and JOGT Assys have the same circuitry, parts, and board shapes.
 Only printed information is different, because their part numbers and wiring numbers are different.
 They are handled similarly in their production management.
 Therefore, either 1 or 2 Assy of the respective Assys is assembled in the respective place.

注意:
 JOG、JOGT の 1 と 2 は回路そのもの、使用部品、基板形状は同じです。
 部品番号と配線番号が違いため印刷内容が異なります。
 生産上は 1 と 2 の ASSY を管理していません。
 このためそれぞれの場所には 1 と 2 とどちらかの ASSY が配置されています。



S T U V

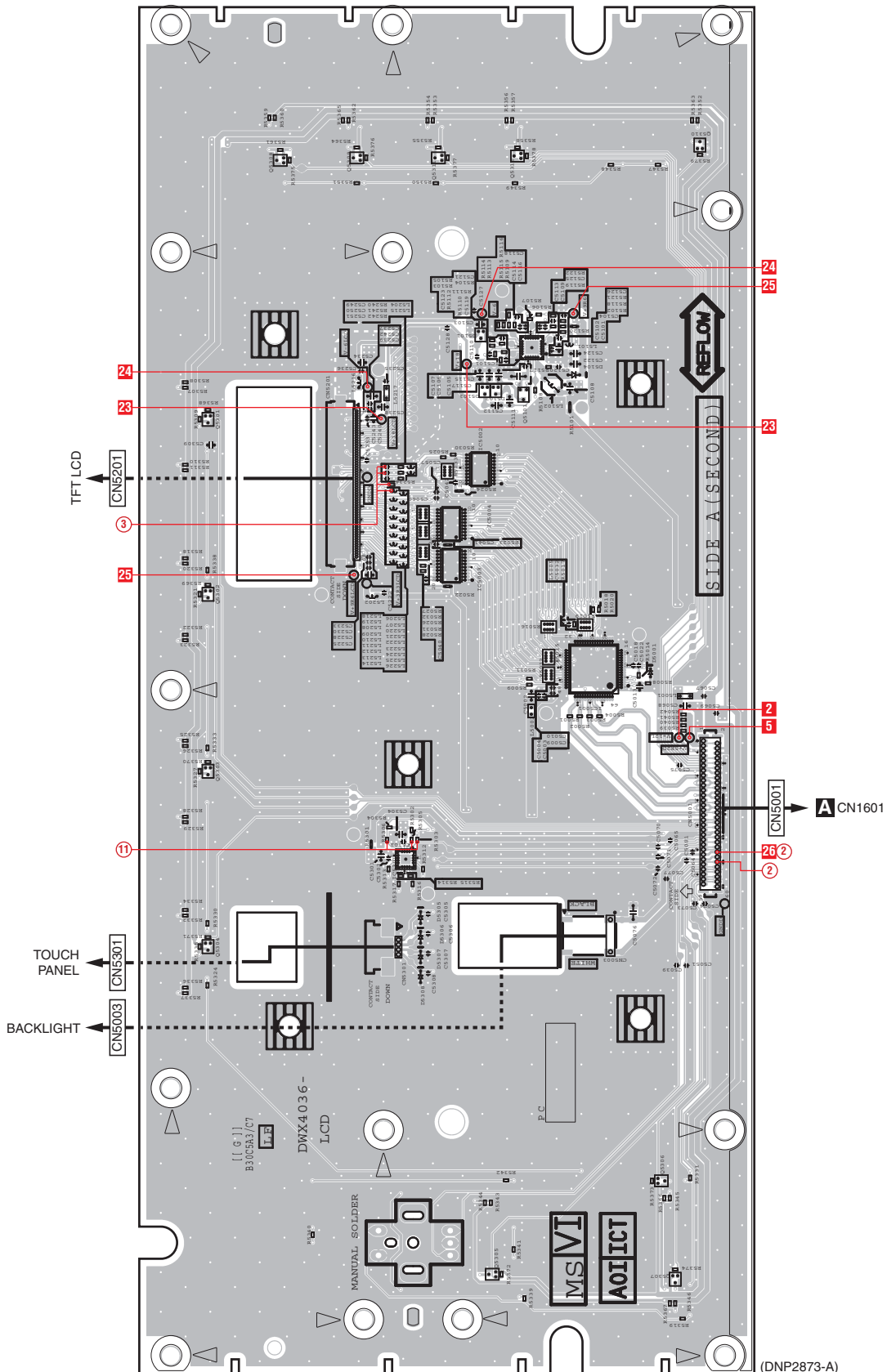
S T U V

11.16 LCD ASSY

SIDE A

SIDE A

Y LCD ASSY



(DNP2873-A)

Y

Y

SIDE B

SIDE B

A

B

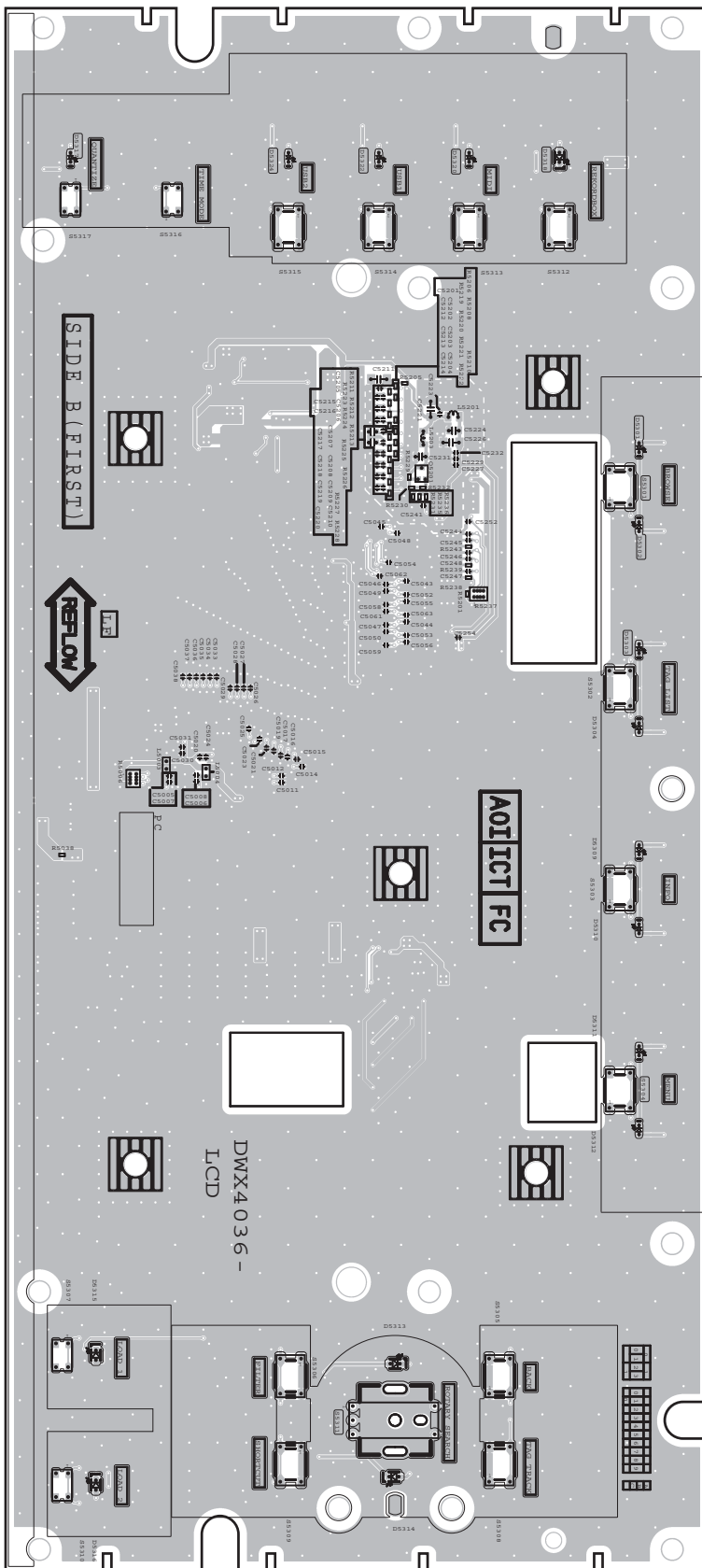
C

D

E

F

Y LCD ASSY



(DNP2873-A)

Y

XDJ-RX2

Y

5 6 7 8

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				A MAIN ASSY			
		1..MAIN ASSY	DWX4035	SEMICONDUCTORS			
NSP	1..	PAD ASSY	DWM2657	Δ	IC	101,102,502	BD9328EFJ
	2..	LCD ASSY	DWX4036	Δ	IC	301,302	NJM2886DL3-05
	2..	PAD1 ASSY	DWX4037	Δ	IC	303	BD81A04EFV-M
	2..	PAD2 ASSY	DWX4038		IC	304	74VHC4066AFT
	2..	USBA ASSY	DWX4039	Δ	IC	305,306	BD9851EFV
	2..	GRFD ASSY	DWX4040		IC	501	MMPF0100FOAEP
	2..	LVMB ASSY	DWX4048		IC	701	MCIMX6D6AVT10AD
NSP	1..	JCK ASSY	DWM2658		IC	702,703	H5TQ2G63GFR-RDC
	2..	UCOM ASSY	DWX4045	NSP	IC	901	DYW2021*
	2..	AOUT ASSY	DWX4046		*Part number of the initial firmware equipped		
	2..	MCJK ASSY	DWX4047		IC	902	H337S3959
NSP	1..	JOG ASSY	DWM2659		IC	1001,1002,1402	TC7SH08FUS2
	2..	JLED1 ASSY	DWX4041		IC	1401	TC7SZU04FUS2
	2..	JLED2 ASSY	DWX4042		IC	1403	74LCX08FT
	2..	JOGT1 ASSY	DWX4043		IC	1901	AK4384ET
	2..	JOGT2 ASSY	DWX4044		IC	1902	NJM4565MD
NSP	1..	MXR ASSY	DWM2660		IC	2101,2301	NJM4580MD
	2..	MXRB ASSY	DWX4051		IC	2102,2103,2302,2303	NJM2121MD
	2..	MTRM ASSY	DWX4052		IC	2104,2304,2501,2503	AK5358AET
	2..	HPJK ASSY	DWX4053		IC	2502,2504	NJM2121MD
NSP	1..	PNL1 ASSY	DWM2661	NSP	IC	2701	RTL8201F-VB-CG
	2..	DCK1 ASSY	DWX4054		IC	2702	RTL8152B-VB-CG
	2..	MEQB ASSY	DWX4055		IC	2703	USB2512B-AEZG-TR
	2..	RECB ASSY	DWX4056		Q	101	LTC024EEB
	2..	CHF1 ASSY	DWX4057		Q	102-106,108,110	LSAR523UB
	2..	CHF2 ASSY	DWX4058		Q	107,109	LSC4081UB
NSP	1..	PNL2 ASSY	DWM2662		Q	111	LTC124EUB
	2..	DCK2 ASSY	DWX4062		Q	112,303,1908,1910	LSAR523UB
	2..	JOG1 ASSY	DWX4064		Q	301	LTC043EEB
	2..	JOG2 ASSY	DWX4065		Q	302,305	RTQ045N03
	2..	DKHD ASSY	DWX4066		Q	304	RSR020P05
	2..	HPhD ASSY	DWX4067		Q	306,307	RSQ030P03
	2..	HMHD ASSY	DWX4068		Q	1201,1911	RT3N22M
Δ	1..	SW POWER SUPPLY	DWR1548		Q	1401	LTC014EEB
					Q	1901,1913	2SK209
					Q	1902,1904	2SCR573DG
					Q	1903,1905	2SAR573DG
					Q	1906,1914,1916,1917	INC2002AC1
					Q	1907,1909,1915	LSCR523UB
					Q	1912	HN1A01FUS1
					Q	1918,2701	RT3T22M
					Q	2101,2102,2301,2302	2SK3320
					Q	2103,2303,2501	LTC114EUB

XDJ-RX2

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Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	D	101,102,104-109	1SS355VM	R	336		RS1/10SR132J
	D	110,308,309	RB551VM-30	R	339,374		RS1/16SS3002D
A	D	303,304	RB060M-30	R	340,364,377		RS1/16SS6802D
	D	305-307	DB2J41100	R	341		RS1/16SS1503D
	D	1901-1904,1907	1SS355VM	R	343		RS1/16SS5101D
	D	1905	RB160M-30	R	352		RS1/16SS6201D
	D	1908	DZ2J056M0	R	353		RS1/10SR6802D
	D	2701	DZ2J062M0	R	354,362,370,379		RS1/16SS1002D
				R	357		RS1/10SR5101D
MISCELLANEOUS				R	358		RS1/16SS2002D
	L	101,304 SMD SPL INDUCTOR(33 uH)	CTH1527	R	359,360		RS1/4SA0ROJ
	L	103 INDUCTOR(15 uH)	CTH1253	R	363		RS1/10SR3002D
	L	305,306,309 POWER INDUCTOR(22 uH)	ATH7011	R	365		RS1/16SS5102D
B	L	310 POWER INDUCTOR(22 uH)	ATH7011	R	366		RS1/16SS5601D
	L	501-504 SMD SPL INDUCTOR(1 uH)	CTH1530				
	L	505 SMD SPL INDUCTOR(10 uH)	CTH1524	R	372		RS1/16SS4701D
	L	901 CHIP SOLID INDUCTOR	XTL3010	R	373		RS1/10SR100J
	L	2703 COIL	ATH7015	R	380		RS1/16SS6202D
	F	2701 EMI FILTER	DTL1106	R	383,2103,2107,2303		RS1/16SS3001D
	F	2702-2704 EMI FILTER	CGG1352	R	507		RS1/16SS1002F
	JA	2101,2301 4P PIN JACK	DKB1090	R	515		RAB4CQ104J
	JA	2501 RCA JACK	DKB1122	R	524		RS1/16SS1502D
	JA	2701 USB CONNECTOR	DKN1237	R	525		RS1/16SS8201D
	KN	2701 SCREW PLATE	VNE1948	R	526		RS1/10SR561J
C	X	1401 RESONATOR(32.768 kHz)	CSS1807	R	708,718,721		RS1/16SS2400F
	X	1402 CRYSTAL OSCILLATOR(22.5792 MHz)	DSS1215	R	716,717,1934,1935		RS1/16SS1001D
	X	1403 CRYSTAL TRANSDUCER(24 MHz)	DSS1208	R	901,908,913		RAB4CQ680J
	X	2701,2703 CRYSTAL(25 MHz)	DSS1205	R	902,909,1015,1034		RAB4CQ470J
	X	2702 RESONATOR(24.000 MHz)	CSS1773	R	916		RAB4CQ222J
	CN	101 CONNECTOR	DKN1661	R	924,925,2704		RAB4CQ220J
	CN	1601,1602 FFC/FPC CONNECTOR	CKS6543	R	1035,1041		RAB4CQ470J
	CN	1603 9P CONNECTOR	09R-1.25FJ	R	1201,1204,1206,1211		RAB4CQ103J
	CN	1604-1606 19P RECEPTACLE	AKP7199	R	1209		RAB4CQ331J
	CN	1901 CONNECTOR	AKM1275	R	1222,1223,2122,2326		RAB4CQ103J
	VA	2101,2102,2301,2302 VARISTORS	EZJZ1V270RM	R	1902,1903,1918		RS1/4SA220J
D	VA	2501 VARISTORS	EZJZ1V270RM	R	1905,1917,1929,1936		RN1/16SE3301D
	VA	2701,2702 SMD VARISTOR	EZJZ1V80010	R	1909,1910		RS1/16SS3901D
				R	1911,1912		RS1/16SS3301D
				R	1913,1915		RN1/16SE1502D
				R	1914,1916		RS1/16SS3300D
RESISTORS				R	1924,1928		RS1/8SQ680J
	R	102,110,349	RS1/10SR220J	R	1925-1927,1937,1940		RS1/4SA220J
	R	104	RS1/16SS2702D	R	1942		RS1/16SS1801D
	R	105,111,338,342	RS1/16SS1002D	R	1943,1945,2132,2133		RS1/16SS1001D
	R	112,323,327,2112	RS1/16SS4702D	R	2101,2102,2117,2119		RN1/16SE1201D
	R	113,1930,1931,1941	RS1/16SS1801D				
	R	124	RS1/10SR223J	R	2104,2108,2304,2312		RN1/16SE2701D
	R	131,139	RS1/16SS2201D	R	2105,2106,2140,2141		RS1/16SS1000D
E	R	136	RS1/16SS2701D	R	2109,2110,2142,2143		RS1/16SS2000D
	R	140	RS1/16SS2200D	R	2113,2144,2145,2316		RS1/16SS4702D
	R	141,346,361,523	RS1/16SS1502D	R	2116,2118,2120,2121		RN1/16SE1501D
	R	303,389,390,707	RS1/10SR0ROJ	R	2128,2328,2509,2520		RS1/10SR0ROJ
	R	312	RS1/16SS5100F	R	2136,2137,2336,2337		RN1/16SE2703D
	R	314,315,317,319	RS1/4SA2R7J	R	2138,2139,2338,2339		RN1/16SE2202D
	R	320,324,332,356	RS1/16SS1203D	R	2150,2152,2350,2352		RS1/16SS3601D
	R	321	RS1/16SS1303D	R	2151,2153,2351,2353		RS1/16SS8200D
	R	322	RS1/16SS3902D				
	R	325,1218-1221,2701	RAB4CQ472J	R	2301,2302,2321,2323		RN1/16SE1201D
	R	326	RS1/16SS3302D	R	2305,2306,2340,2341		RS1/16SS1000D
F	R	328	RS1/16SS1003D	R	2307,2501,2515,2517		RS1/16SS3001D
	R	333	RS1/16SS1602D	R	2313,2314,2342,2343		RS1/16SS2000D
	R	334,335	RS1/10SR152J	R	2317,2344,2345,2534		RS1/16SS4702D

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	2320,2322,2324,2325		RN1/16SE1501D				
R	2332,2333		RS1/16SS1001D	C	360		CKSSYB472K50
R	2502,2528		RN1/16SE2701D	C	381,385,504,507		CKSRYP105K10
R	2506,2544		RAB4CQ103J	C	388,389		CCSRCH101J50
R	2511,2512,2523,2529		RS1/16SS3601D	C	390,391(100 uF/25 V)		CCH2000
				C	392,396		CKSSYB103K25
R	2513,2514,2530,2531		RS1/16SS8200D				
R	2516,2518		RN1/16SE8201D	C	501,510,561,718(10 uF/10 V)		DCH1201
R	2527		RS1/16SS3001D	C	505,515,535,542		CKSRYP474K10
R	2532,2535		RS1/16SS1000D	C	509,513,516,518		CKSSYB104K10
R	2533,2536		RS1/16SS2000D	C	511,524,764,765		CKSRYP105K10
				C	512,514,517,519 (10 uF/10 V)		CCG1201
R	2537		RS1/16SS4702D				
R	2703		RAB4CQ472J	C	520,521,525,527		CKSSYB104K10
R	2706		RS1/16SS2491F	C	522,523,526,543(10 uF/10 V)		CCG1201
R	2725		RS1/10SR0R0J	C	528,530-533,536(22 uF/6.3 V)		DCH1256
R	2733		RS1/16SS91R0F	C	529,534,537,558		CKSSYB104K10
				C	538-541,548,550(22 uF/6.3 V)		DCH1256
R	2734		RS1/16SS2401D				
R	2740		RS1/16SS1202D	C	554,1601,1634,1639		CKSSYB104K16
R	2751		RAB4CQ473J	C	562(100 uF/6.3 V)		ACH7275
	Other Resistors		RS1/16SS###J	C	563,739,762,766		CKSSYB104K10
				C	566,902,903,1009		CCSSCH102J50
				C	701,710,714,733(22 uF/6.3 V)		DCH1256
CAPACITORS							
C	101,151,152,154		CKSSYB104K10				
C	102,107,133,144		CKSSYB103K16	C	711-713,715-717		CKSSYB224K6R3
C	103,108,117,2105		CCSSCH101J50	C	719,720,722-726		CKSSYB224K6R3
C	104,109,125,128		CKSSYB104K16	C	721,727,763,781(10 uF/10 V)		DCH1201
C	105,110,118,129		CCSSCH102J50	C	728-732,734-738		CKSSYB224K6R3
				C	740,742,744-746		CKSSYB224K6R3
C	112,120,393,397(0.1 uF/35 V)		ACE7100				
C	113,114,127,138(10 uF/16 V)		DCH1263	C	741,743,747,749(22 uF/6.3 V)		DCH1256
C	115,1609		CEHVAW101M16	C	748,750-761		CKSSYB224K6R3
C	116,149,325,2132(100 uF/16 V)		CCH1565	C	767,780,904,1008		CKSSYB104K10
C	119		ACE7115	C	768-779,782-787		CKSSYB224K6R3
				C	901		CKSSYB224K6R3
C	121,400,402(0.01 uF/63 V)		ACE7097				
C	123,395,399(1 uF 25 V)		ACE7129	C	1001,1002,1004-1006		CCSSCH470J50
C	124,384,387,1917(220 uF/16 V)		CCH2090	C	1010,1401,1403,1407		CKSSYB104K10
C	130,131,140,142		CKSSYB104K16	C	1011,1405,1410,1411		CCSSCH102J50
C	132,146,378,382(10 uF/10 V)		DCH1201	C	1201,1202		CCSSCH470J50
				C	1402,1404,2714,2716		CCSSCH100D50
C	137		CEVW330M10				
C	139,162,301,305(10 uF/16 V)		DCH1263	C	1409,1625,1627,1632		CKSSYB104K10
C	141,147,307,354		CCSSCH102J50	C	1412,1413,1903,1920		CKSSYB103K16
C	143,150,161,552		CKSSYB104K16	C	1622,1624,1626,1636		CKSSYB102K50
C	145,905		CKSSYB222K50	C	1628,1630		CKSRYP103K25
				C	1633,1635,1901,1906		CKSSYB104K10
C	153,156,348,351		CKSRYP104K25				
C	155,157-160,313		CKSSYB104K10	C	1638,1640,2101,2125		CKSSYB102K50
C	304,308(2.2 uF/10V)		CCG1218	C	1641,1642,1930,1931		CKSRYP104K25
C	309,320-323,336(10 uF/16 V)		DCH1263	C	1902		CEVW220M6R3
C	310,508,702-709		CKSSYB224K6R3	C	1904,1909,1910		CCSSCH102J50
				C	1908,2111,2112,2130		CEVW101M16
C	315,328,357,564		CKSSYB103K16				
C	316		CCSQCH472J50	C	1911,1912		CCSSCH121J50
C	317,318		CKSQYB225K16	C	1918,2129,2134,2135		CKSSYB104K10
C	319,377,380,506		CKSSYB104K10	C	1921,1922		CEVW470M16
C	324(0.01 uF/50 V)		ACE7113	C	1926,1927		CCSSCH330J50
				C	1932,1933,2113,2114		CCSSCH331J50
C	330,350		CCSSCH271J50				
C	332		CKSSYB332K50	C	2102,2126,2302,2327		CKSRYP104K25
C	335,340(22 uF/16 V)		CCG1254	C	2103,2104,2107,2108		CCSSCH471J50
C	337,366		CCSSCH561J50	C	2106,2123,2124,2127		CCSSCH101J50
C	338,343,367,372		CKSRYP105K10	C	2109,2110,2309,2311		CKSRYP123K50
				C	2115,2116,2316,2317(0.012 uF)		ACE7125
C	339,364,369,551(10 uF/16 V)		DCH1263				
C	341,342,370,371		CKSQYB105K16	C	2117,2118,2318,2319(3300 pF/50 V)		DCG1049
C	346,376,556		CKSSYB682K25	C	2121,2122,2322,2323		CCSSCH221J50
C	349,353(10 uF/35 V)		CCG1236	C	2128,2305,2306,2324		CCSSCH101J50
C	356,383,386,565		CCSSCH102J50	C	2131,2312,2313,2331		CEVW101M16

Mark	No.	Description	Part No.
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Mark	No.	Description	Part No.
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A

C	2133,2509,2510(100 uF/16 V)	CCH1565
C	2137,2148,2149,2333(10 uF/10 V)	DCH1201
C	2138,2310,2330,2335	CKSSYB104K10
C	2139,2147,2303,2304	CCSSCH471J50
C	2142,2341,2533,2703	CKSSYB103K16
C	2144,2145,2343,2344	CEVW101M25

Q	5101	2SAR502UB
Q	5301-5312	LTC023JEB
Q	5402,5404,5406,5718	2SB1689
Q	5405,5717,5719,5721	LTC124EUB
Q	5419-5438,5701-5708	LTC123JUB
Q	5720,5722	2SB1689
Q	5723-5734	LSCR523UB
Q	5735-5746	LTC123JUB

B

C	2150,2348,2542,2544(22 uF/6.3 V)	DCH1256
C	2301,2326,2531,2713	CKSSYB102K50
C	2307,2308,2346,2347	CCSSCH471J50
C	2314,2315	CCSSCH331J50
C	2325,2328,2329,2520	CCSSCH101J50

D	3401-3407,3409-3415	SML-D12M8W(NP)
D	3408,3416-3419,3421	SML-D12Y8W
D	3420,3422,3426,3437	SML-D12V8W
D	3423-3425,3427,3428	SML-D12Y8W
D	3429-3435,5301-5304	SML-D12M8W(NP)

B

C	2332,2507,2508	CEVW101M16
C	2334,2338,2513,2527(10 uF/10 V)	DCH1201
C	2336,2506,2511,2512	CKSSYB104K10
C	2504,2505	CEVW101M25
C	2514,2522,2526,2528	CKSSYB104K10

D	3436,5320	SML-D12Y8W
D	5101-5103	DB3S308FO
D	5104	DB2J41100
D	5309-5312,5322,5324	SML-D12M8W(NP)
D	5313-5316,5318	NHSW146A-A21460

C

C	2518,2525	CCSSCH221J50
C	2523,2524	CEVW220M16
C	2529,2702,2704-2708	CKSSYB104K10
C	2530	CCSSCH101J50
C	2532	CKSRYP104K25

D	5317	SML-D12V8W
D	5401-5412,5701-5704	NSSM124F-A21107
D	5413-5440,5449-5460	1SS355VM
D	5705-5712,5717-5724	1SS355VM
D	5713-5716,5725,5727	NSSM124F-A21107

C

C	2534,2535,2540,2541(10 uF/10 V)	DCH1201
C	2536-2539	CCSSCH471J50
C	2701,2709-2712,2715(10 uF/10 V)	DCH1201
C	2717-2725,2727,2730	CKSSYB104K10
C	2728,2729,2732,2742	CKSRYP105K10

D	5726,5728,5730	1SS355VM
D	5729,5731	NSSM124F-A21107
D	5732-5740,5749-5760	1SS355VM

D

C	2731,2734,2736-2739	CKSSYB104K10
C	2733(10 uF/10 V)	DCH1201
C	2735,2745	CCSSCH120J50
C	2741,2744,2746,2748	CKSSYB104K10
C	2747,2749	CKSSYB103K16

MISCELLANEOUS

L	5001,5217 CHIP BEEDS FILTER	BTX1042
L	5002 CHIP BEEDS FILTER	BTX1047
L	5003,5004 CHIP SOLID INDUCTOR	XTL3010
L	5005,5204,5206-5215 CHIP BEADS	VTL1126
L	5102 CHOKE COIL(22 uH)	CTH1426

D

- PAD ASSY**
- Consists of**
- LCD ASSY**
- PAD1 ASSY**
- PAD2 ASSY**
- USBA ASSY**
- CRFD ASSY**
- LVMB ASSY**

L	5201 INDUCTOR(10 uH)	CTF1635
L	5202,5216 CHIP INDUCTOR(10 uH)	DTL1105
L	5218-5226 CHIP BEADS	VTL1126
JA	6001,6002 USB JACK	DKB1118
S	5301-5306,5308,5309 TACT SWITCH	DSG1134

E

E J K L N Y

PAD ASSY SEMICONDUCTORS

IC	3401	74VHC164FT
IC	3402,5401,5402,5701	74VHC595FT
IC	5001	BU90R104
IC	5002-5004	74LCX541FT
IC	5101	R1290K103A

S	5307,5310,5316,5317 PUSH SWITCH	CSG1155
S	5311 ENCODER SW	DSX1080
S	5312-5315 TACT SWITCH	DSG1134
S	5401-5404,5701-5704 PUSH SWITCH	CSG1155
CN	3401 CONNECTOR	CKS5854

F

IC	5301	AK4187VN
IC	5702	74VHC595FT
Q	3401,3403,3409	RT3N22M
Q	3402,3404,3406,3408	2SA1577
Q	3405,3407,5401,5403	LTC124EUB
Q	3410	2SA1577
Q	3411-3418,5407-5418	LSCR523UB

RESISTORS

CN	5001 FFC/FPC CONNECTOR	CKS6543
CN	5003 CONNECTOR	CKS4428
CN	5201 FFC/FPC CONNECTOR	CKS6646
CN	5301 FFC/FPC CONNECTOR	CKS6625
CN	5401,5701 FFC/FPC CONNECTOR	DKP3953
CN	6001,6002 CONNECTOR	AKM1277
CN	6051 CONNECTOR	AKM1289
	5001 SPACER	DEC3622
VA	6001-6003 SMD VARISTOR	EZJZ1V80010
VA	6005-6007 SMD VARISTOR	EZJZ1V80010

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	3444-3450,3494		RS1/10SR620J	CAPACITORS			
R	3468-3471		RAB4CQ101J	C	3402,3409		CGSSCH471J50
R	5001-5004		RS1/16SS1000D	C	3403,3404,5005,5008		CKSSYB104K10
R	5006,5237		RAB4CQ103J	C	3405,5244-5246,5248		CGSSCH102J50
R	5012,5015,5016,5019		RAB4CQ220J	C	3406-3408		CGSSCH221J50
R	5026,5027,5032,5033		RAB4CQ331J	C	5002,5068,5301,5304(10 uF/10 V)		DCH1201
R	5103		RS1/16SS3603D	C	5004,5006,5007,5010		CKSSYB103K16
R	5104		RS1/16SS6802D	C	5009,5020,5022,5030		CKSSYB104K10
R	5105		RS1/16SS3901D	C	5013,5234		CGG1218
R	5110		RS1/16SS1103D	C	5018,5024,5031,5121		CKSSYB103K16
R	5111		RS1/16SS1002D	C	5040-5042,5065,5067		CKSSYB104K10
R	5113,5116		RS1/16SS1502D	C	5069,5110,5113,5123		CKSSYB104K16
R	5115		RS1/16SS8201D	C	5076		CGG1254
R	5118		RS1/16SS3303D	C	5102,5118,5125-5128		CKSSYB102K50
R	5119		RS1/16SS5601D	C	5103,5215,5216		CKSRYP105K10
R	5122		RS1/16SS3902D	C	5104,5114,5220,5247(1 uF/10 V)		DCH1246
R	5205,5221		RS1/16SS39R0D	C	5106,5107		CKSQYB105K25
R	5208,5225		RS1/16SS47R0D	C	5108		CKSQYB475K6R3
R	5212,5222		RS1/16SS75R0F	C	5111,5112		CKSQYB474K25
R	5219,5223		RS1/16SS1300D	C	5116		CKSSYB224K6R3
R	5220		RS1/16SS51R0D	C	5117,5211		CKSYB475K16
R	5224,5228		RS1/16SS82R0D	C	5119		CKSSYB561K50
R	5226		RS1/16SS56R0D	C	5120		CKSSYB332K50
R	5227		RS1/16SS1800D	C	5122,5124,5224,5231(10 uF/16 V)		DCH1263
R	5229		RS1/16SS1001D	C	5212-5214,5227		CKSSYB104K16
R	5231		RS1/16SS8200D	C	5217-5219,5228,5239		CKSSYB104K10
R	5401-5404,5416-5419		RS1/10SR102J	C	5223,5230,5232		CKSSYB102K50
R	5405-5408,5420-5423		RS1/8SQ471J	C	5225(10 uF/6.3 V)		CGG1234
R	5410-5413,5425-5428		RS1/4SA471J	C	5235		CKSSYB103K25
R	5431-5434,5509,5512		RS1/4SA471J	C	5237(4.7 uF/10 V)		CGG1201
R	5435-5438,5791-5794		RS1/8SQ102J	C	5238		CKSQYB334K50
R	5441-5443,5515		RS1/4SA102J	C	5240		CKSRYP104K25
R	5449-5451,5553		RAB4CQ222J	C	5241,5302,5303,5411		CKSSYB104K10
R	5456,5459,5462,5465		RS1/10SR822J	C	5251-5254,6003,6006		CGSSCH102J50
R	5457,5460,5463,5466		RS1/10SR123J	C	5410,5727		CEVW101M16
R	5458,5461,5464,5467		RS1/10SR103J	C	5412,5413,5422-5429		CKSSYB103K16
R	5470-5474,5477,5482		RS1/10SR122J	C	5414-5421,5703-5710		CGSSCH101J50
R	5475,5476,5478-5481		RS1/10SR0R0J	C	5430,5713(10 uF/10 V)		DCH1201
R	5483-5485,5822-5830		RS1/10SR0R0J	C	5701,5702,5720-5725		CKSSYB103K16
R	5508,5511,5517,5521		RS1/10SR102J	C	5728,5729,6002,6005		CKSSYB103K16
R	5510,5513,5519,5522		RS1/8SQ821J	C	5730,6052		CKSSYB104K10
R	5518,5520,5524,5527		RS1/4SA471J	C	6051		CKSSYB471K50
R	5523,5526,5529,5532		RS1/10SR102J	JCK ASSY			
R	5525,5528,5531,5534		RS1/8SQ821J	Consists of			
R	5530,5533,5738-5741		RS1/4SA471J	UCOM ASSY			
R	5561,5717-5720		RS1/10SR122J	AOUT ASSY			
R	5721-5728,5752-5759		RS1/10SR102J	MCJK ASSY			
R	5729-5732,5760-5763		RS1/8SQ821J	BFG			
R	5733-5736,5764-5767		RS1/8SQ471J	JCK ASSY			
R	5744-5747,5769-5772		RS1/4SA471J	SEMICONDUCTORS			
R	5748-5751		RS1/10SR122J	IC	4001		DYW2022*
R	5775-5778,5783-5786		RS1/4SA471J	*Part number of the initial firmware equipped			
R	5802-5805		RS1/4SA102J	IC	4002		S-80930CNMC-G80
R	5806-5808,5812		RAB4CQ222J	IC	4003		DYW2023*
R	5809,5813,5816,5819		RS1/10SR822J	*Part number of the initial firmware equipped			
R	5810,5814,5817,5820		RS1/10SR123J	IC	4501		USB2512B-AEZG-TR
R	5811,5815,5818,5821		RS1/10SR103J	IC	4502,4503		BD9328EFJ
R	6051		RS1/10SR0R0J				
	Other Resistors		RS1/16SS###J				



Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
A	IC	4504,4505	TPS2557DRB	R	4520,4521		RS1/10SR102J
	IC	4506	AK4382AVT	R	4526,4527		RS1/10SR220J
	IC	4507-4509,4513,4901	NJM4580MD				
	IC	4510,4511,4514,4515	NJM4580DD	R	4529,4533		RS1/10SR1100D
	IC	4512	AK4384ET	R	4530,4534		RS1/16SS4702D
	IC	4902	NJM4580MD	R	4531,4535		RS1/16SS1002D
	Q	4001,4002	LTC043EEB	R	4552,4553		RS1/10SR2702F
	Q	4003	LTA024EEB	R	4554,4555		RS1/10SR5602F
				R	4573,4574,4587,4588		RS1/10SR513J
	Q	4004,4006	LSAR523UB	R	4575-4582,4710,4711		RS1/10SR0R0J
	Q	4005,4007	LTC024EEB	R	4593-4600		RS1/10SR3301D
	Q	4501	RN2903	R	4601-4608		RN1/16SE1202D
	Q	4503,4504	RT3N22M	R	4609-4616,4724-4731		RS1/10SR2701D
	Q	4507-4516,4519-4534	INC2002AC1				
	B	Q	4535	HN1C01FUS1	R	4617-4624	
Q		4901-4904	2SK209	R	4625-4628,4637-4640		RS1/10SR223J
D		4001-4006,4503	1SS355VM	R	4629-4632		RS1/8SQ2700F
D		4501,4502	DZ2J051M0	R	4641-4644,4649,4650		RS1/10SR1800F
				R	4651-4658		RS1/10SR5601D

MISCELLANEOUS

L	4001,4002	CHIP COIL	LCTAW330J2520	R	4659,4663		RS1/10SR2202D	
	4003	POWER INDUCTOR	ATH7053	R	4660,4661		RS1/10SR1202D	
	4004-4007	CHIP BEADS	VTL1126	R	4662,4664		RS1/10SR6800D	
	4501,4502	COIL	ATH7015	R	4665-4672,4722,4723		RN1/16SE6801D	
	4503,4504	INDUCTOR(15 uH)	CTH1253	R	4673,4674,4689-4692		RS1/10SR183J	
	F	4501	EMI FILTER	CGG1352	R	4675-4678,4766		RS1/4SA471J
		4501	RCA JACK	DKB1122	R	4683-4686,4744-4747		RS1/10SR2201D
		4502,4503	CANON CONNECTOR	DKB1093	R	4687,4688		RS1/10SR103J
		4504,4505	6.5 DIA JACK	DKN1653	R	4695-4698,4714,4715		RS1/10SR183J
		4901,4902	XLR SOCKET	DKB1124	R	4699,4700		RS1/10SR1800F
X	4001	CERAMIC OSCILLATOR(16 MHz)	CSS1616	R	4713,4905-4908		RS1/10SR0R0J	
	4501	RESONATOR(24 MHz)	CSS1773	R	4716,4717		RS1/10SR6801D	
	4003,4004	FFC/FPC CONNECTOR	DKP3953	R	4718,4719		RS1/10SR1201D	
	4005,4009	39P CONNECTOR	VKN2097	R	4720,4721		RN1/16SE2001D	
	4006,4008	15P CONNECTOR	VKN1246	R	4732-4739		RN1/16SE8201D	
	CN	4007	35P CONNECTOR	VKN2025	R	4740-4743		DCN1200
		4010	FFC/FPC CONNECTOR	CKS6543	R	4749-4756		RS1/10SR183J
		4011-4013	L-PLUG(3P)	KM200NA3L	R	4757-4760		RS1/10SR680J
		4501-4503	19P PLUG	AKM7077	R	4768-4770		RS1/4SA471J
		4504,4505	CONNECTOR	AKM1277	R	4901-4904		RN1/16SE2200D
CN	4901	CONNECTOR	CKS3561	R	4909-4912		RN1/16SE3301D	
	4902	9P CONNECTOR	09P-1.25FJ	R	4913,4914,4927,4928		RN1/16SE2701D	
	4501	CANON SHIELD	DNF1789	R	4915,4916,4924,4926		RN1/16SE4701D	
	4502,4503	PHONE SHIELD	DNF1875	R	4917,4918,4921,4922		RN1/16SE1501D	
	4901,4902	MIC SHIELD	DNF1849	R	4919,4920		RN1/16SE8200D	
VA	4501,4503-4506,4511	VARISTORS	EZJZ1V270RM	R	4923,4925		RS1/10SR1500D	
	4512,4901-4906	VARISTORS	EZJZ1V270RM	R	4929,4930		RS1/10SR2201D	
				R	4931,4932		RN1/16SE4702D	
				Other Resistors		RS1/16SS###J		

RESISTORS

R	4018,4021,4022	RAB4CQ560J
R	4024-4026,4036,4038	RAB4CQ560J
R	4027,4033,4223,4224	RAB4CQ223J
R	4029	RAB4CQ103J
R	4061,4092,4105,4110	RAB4CQ560J
R	4088-4091,4116	RAB4CQ101J
R	4112,4128,4133,4135	RAB4CQ560J
R	4173,4174	RAB4CQ560J
R	4202-4205,4207-4210	RS1/4SA2R0J
R	4212-4215	RS1/4SA2R2J
R	4502,4748	RAB4CQ472J
R	4506,4507,4701,4702	RS1/16SS33R0D
R	4518	RS1/16SS1202F

CAPACITORS

C	4001,4015,4055,4110	CEVW101M16
C	4002,4020,4026,4030	CKSSYB104K10
C	4003-4014,4076,4077	CCSSCH102J50
C	4018,4019,4021-4025	CCSSCH471J50
C	4028,4029,4033,4034	CCSSCH471J50
C	4031,4508,4550,4551	CKSSYB103K16
C	4035,4036,4056,4078	CKSSYB104K10
C	4037-4046,4048-4051	CCSSCH471J50
C	4047	CKSRYB273K16
C	4052-4054,4091,4092	CCSSCH101J50
C	4057-4075,4082,4083	CCSSCH471J50
C	4080,4502,4534,4535	CCSSCH102J50

Mark No.	Description	Part No.
C 4081,4085,4105,4111		CKSSYB104K10
C 4086-4090,4923,4924		CCSSCH471J50
C 4109,4119,4133,4151		CCSSCH101J50
C 4112,4120,4134,4136		CEVW101M16
C 4113,4121-4124,4131		CKSSYB104K10
C 4132,4137,4148,4150		CKSSYB104K10
C 4135,4542,4543		CKSSYB104K16
C 4138,4515		CEVW101M16
C 4139		CCSSCH100D50
C 4149,4507,4552,4553(10 uF/10 V)		DCH1201
C 4504		CKSSYB103K25
C 4506,4660-4662(100 uF/16 V)		CCH1565
C 4509,4511,4518,4652		CCSRCH102J50
C 4510,4514,4519		CCSRCH101J50
C 4512,4521,4523		CKSSYB104K10
C 4513(4700 pF/63 V)		ACE7115
C 4516,4522,4585(1 uF/25 V)		ACE7129
C 4517,4525,4608,4610(100 uF/25 V)		CCH2000
C 4520(4.7 uF/10 V)		CCG1201
C 4524		CCSSCH120J50
C 4526-4529,4533,4564		CKSSYB104K10
C 4532		CCSSCH150J50
C 4538-4541(10 uF/16 V)		DCH1263
C 4544,4545		CKSSYB102K50
C 4546-4549,4580,4656		CKSSYB104K16
C 4558,4559,4574,4575		CEHVAW101M6R3
C 4560,4561,4566,4568		CKSSYB103K16
C 4562,4563,4570-4573(10 uF/10 V)		DCH1201
C 4565,4639,4659,5001		CKSSYB104K10
C 4569,4927,4928		CKSSYB103K16
C 4581,4937,4938		CCSSCH101J50
C 4582,4658,4909-4917		CCSSCH102J50
C 4583(0.1 uF/35 V)		ACE7100
C 4586,4631,4632(220 uF/16 V)		CCH2090
C 4591-4594		CCSRCH331J50
C 4595-4602,4621-4628		CCSRCH101J50
C 4616,4618,4629,4630(100 uF/25 V)		CCH2000
C 4633,4634,4691,4902		CKSRYP103K50
C 4635-4638(220 uF/16 V)		CCH2090
C 4642,4643,4648-4651(1000 pF)		ACE7099
C 4657		CEVW220M6R3
C 4663,4664,4901,4903		CCSRCH102J50
C 4665,4666		CCSRCH221J50
C 4669-4676(100 pF/50 V)		DCG1062
C 4681-4684(100 uF/16 V)		CCH1565
C 4686-4689(1000 pF)		ACE7099
C 4904		CKSRYP103K50
C 4905-4908		ACE7113
C 4919		CCSSCH102J50
C 4925,4926		CCSRCH101J50
C 4929,4930		CCSSCH331J50
C 4931,4932		CCSSCH471J50
C 4939,4940		CEVW101M25

Mark No.	Description	Part No.
	JOG ASSY	
	Consists of	
	JLED1 ASSY	
	JLED2 ASSY	
	JOGT1 ASSY	
	JOGT2 ASSY	
	SUWX	
	JOG ASSY	
	SEMICONDUCTORS	
IC	3001-3005,3101-3105	74VHC595FT
NSP IC	3201,3301	PIC10F206-I/OT
IC	3202,3302	74VHCT126AFT
D	3001-3035,3042	NHSW146A-A21460
D	3036-3041,3043,3044	FC-F1608BAK5
D	3101-3136	NHSW146A-A21460
D	3137-3144	FC-F1608BAK5
D	3201,3301	RB520G-30
D	3202,3302	DAN217UM
	MISCELLANEOUS	
L	3201,3202,3204,3301 INDUCTOR	CTF1786
L	3205,3206,3305,3306 CHIP BEADS	VTL1126
L	3302,3304 INDUCTOR	CTF1786
KN	3201,3202 WRAPPING TERMINAL	CKF1089
KN	3301,3302 WRAPPING TERMINAL	CKF1089
CN	3001,3101 FFC/FPC CONNECTOR	CKS6634
CN	3202,3302 CONNECTOR	AKM1275
CN	3203,3303 15P CONNECTOR	VKN1307
CN	3204,3304 FFC/FPC CONNECTOR	CKS6634
VA	3201,3202,3301 SMD VARISTOR	EZJZ1V80010
VA	3302 SMD VARISTOR	EZJZ1V80010
	RESISTORS	
R	3201,3202,3301,3302(750 ohm)	DCN1187
R	3206,3306	RS1/16SS2202D
R	3213,3218,3313,3318	RS1/10SR0R0J
R	3219,3319	RAB4CQ221J
	Other Resistors	RS1/16SS###J
	CAPACITORS	
C	3001,3006-3009,3101	CKSSYB104K10
C	3002-3005,3102-3105	CCSSCH221J50
C	3010-3013,3110-3113	CCSSCH102J50
C	3014,3114,3205,3305(10 uF/10 V)	DCH1201
C	3106-3109,3202,3203	CKSSYB104K10
C	3201,3301	CCSSCH221J50
C	3204,3304	CEVW101M16
C	3206,3302,3303,3306	CKSSYB104K10
C	3208,3211,3308,3311	CCSSCH220J50

Mark	No.	Description	Part No.
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MXR ASSY**Consists of****MXRB ASSY****MTRM ASSY****HPJK ASSY****CDM****MXR ASSY****SEMICONDUCTORS**

IC 7001	TC74VHC164F
IC 7002,7003	TC74HC4052AF
Q 7001,7002,7004,7005	LTC124EUB
Q 7003,7006,7009	ISA1602AM1
Q 7007,7008,7012-7014	LTC124EUB

Q 7010,7011,7015-7017	LSCR523UB
Q 7018	HN1A01FUS1
Q 7019	HN1C01FUS1
Q 7020	LSCR523UB
Q 7021	LTA143EUB

D 7001-7003,7006-7011	1SS355VM
D 7004,7005,7012,7013	SLR343WBC7T
D 7014-7016,7019,7020	1SS355VM
D 7017	SLR343BD2T
D 7018	LTL17KGH5D

D 7022-7026,7033,7034	1SS355VM
D 7027-7032	LTL17KSL5D

MISCELLANEOUS

JA 7601 HEADPHONE JACK	DKN1622
JA 7602 STEREO MINI JACK	XKN3017
KN 7601 SCREW PLATE	VNE1948
S 7001,7003,7005 TACT SWITCH	DSG1079
S 7002,7004,7006 SLIDE SWITCH	DSH1058

S 7007-7011,7013-7015 TACT SWITCH	DSG1079
S 7012 SLIDE SWITCH	DSH1058
S 7016 ROTARY ENCODER	DSX1136
S 7017 ROTARY SWITCH	DSG1144
S 7018 ROTARY SWITCH	DSG1098

CN 7001 19P CONNECTOR	VKN1250
CN 7002 39P CONNECTOR	VKN2097
CN 7501 PLUG	CKS3533
CN 7601 L-PLUG(4P)	KM200NA4L
VA 7601-7603 VARISTORS	EZJZ1V270RM

RESISTORS

VR 7001-7003,7007,7011 ROTARY VR	DCS1104
VR 7004-7006,7008-7010 ROTARY VR	DCS1078

VR 7012,7013,7017 ROTARY VR	DCS1078
VR 7014 ROTARY VR	DCS1104
VR 7015,7016 ROTARY VR	DCS1126
VR 7501,7502 ROTARY VR	DCS1123
R 7014	RS1/4SA561J
R 7015,7097	RS1/4SA471J
Other Resistors	RS1/10SR###J

CAPACITORS

C 7001,7004	CCSRCH471J50
C 7005,7014,7015	CKSRYB104K10
C 7006-7013,7020-7027	CKSRYB471K50
C 7028-7042,7044-7048	CKSRYB104K10
C 7043,7057,7058(10 uF/10 V)	DCH1201

C 7049,7050	CEJQ101M16
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Mark	No.	Description	Part No.
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C 7053,7054,7603-7606	CKSRYB104K16
C 7055,7056	CKSRYB104K10
C 7501-7504	CEAL101M16
C 7601,7602,7609,7610(220 uF/6.3 V)	DCH1344

C 7607,7608	CKSRYB103K50
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PNL1 ASSY**Consists of****DCK1 ASSY****MEQB ASSY****RECB ASSY****CHF1 ASSY****CHF2 ASSY****HIOPR****PNL1 ASSY****SEMICONDUCTORS**

IC 8201	TC74VHC164F
IC 8202	TC74HC4052AF
Q 8001-8003,8101,8102	LTC124EUB
Q 8103,8108	LTC123JUB
Q 8104,8107,8109,8112	2SAR502UB

Q 8105,8106,8110,8114	LTC124EUB
Q 8111,8113	HN1A01FUS1
Q 8115	2SAR502UB
Q 8116,8117,8404,8405	LSCR523UB
Q 8118,8401,8402	LTC124EUB

Q 8403	LSAR523UB
D 8001-8019,8401-8403	1SS355VM
D 8101,8103	LTL17KGH5D
D 8102,8104,8105,8108	LTL17KSL5D
D 8106,8107,8113,8301	LTL17KRH5D

D 8109,8112	LTL17KSL5D
D 8110	LTL17KCBH5D
D 8111	SLR343WBC7T
D 8404-8406	LTL17KRH5D

MISCELLANEOUS

KN 8001,8301 EARTH TERMINAL	AKF7002
S 8001,8003-8006 TACT SWITCH	DSG1089
S 8002,8007,8008,8013 TACT SWITCH	DSG1079
S 8009-8012,8014-8019 TACT SWITCH	DSG1089
S 8020,8021 TACT SWITCH	DSG1117

S 8301 SLIDE SWITCH	DSH1058
S 8302 PUSH SW	ASG1102
S 8401-8404 TACT SWITCH	DSG1089
CN 8201 39P CONNECTOR	VKN2097
CN 8202,8301 17P CONNECTOR	VKN1248

CN 8401 15P CONNECTOR	VKN1246
CN 8501,8601 L-PLUG(3P)	KM200NA3L
VA 8002,8003 VARISTORS	EZJZ1V270RM

RESISTORS

VR 8001 ROTARY VR	DCS1104
VR 8002 SLIDE VR	DCV1033
VR 8301,8302 ROTARY VR	DCS1078
VR 8501,8601 SLIDE VR	DCV1027
Other Resistors	RS1/10SR###J

CAPACITORS

C 8003,8302(10 uF/10 V)	DCH1201
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Mark	No.	Description	Part No.
C	8004,8201-8203,8210		CKSRYB104K10
C	8204,8206		CEJQ101M16
C	8205,8401		CKSRYB105K10
C	8208,8209,8211,8212		CCSRCH471J50
C	8213,8301,8306,8307		CKSRYB104K10
C	8214-8219		CCSRCH471J50
C	8304,8305		CKSRYB471K50

Mark	No.	Description	Part No.
C	9402,9502		CKSRYB103K50

Z SW POWER SUPPLY

There is no service parts.

PNL2 ASSY

Consists of

DCK2 ASSY

JOG1 ASSY

JOG2 ASSY

DKHD ASSY

HPHD ASSY

HMHD ASSY

QTV

PNL2 ASSY

SEMICONDUCTORS

IC	9201	TC74VHC164F
Q	9001-9003,9101,9102	LTC124EUB
Q	9103,9108	LTC123JUB
Q	9104,9107,9110,9113	2SAR502UB
Q	9105,9106,9109,9111	LTC124EUB
Q	9112,9114	HN1A01FUS1
Q	9115	LTC124EUB
Q	9116	2SAR502UB
Q	9117,9118	LSCR523UB
D	9001-9019	1SS355VM
D	9101,9103	LTL17KGH5D
D	9102,9104,9105,9108	LTL17KSL5D
D	9106,9107,9113	LTL17KRH5D
D	9109,9112	LTL17KSL5D
D	9110	LTL17KCBH5D
D	9111	SLR343WBC7T

MISCELLANEOUS

KN	9001 EARTH TERMINAL	AKF7002
S	9001,9002,9004-9006 TACT SWITCH	DSG1089
S	9003,9007,9008,9012 TACT SWITCH	DSG1079
S	9009-9011,9013-9019 TACT SWITCH	DSG1089
S	9020,9021 TACT SWITCH	DSG1117
CN	9201 35P CONNECTOR	VKN2025
CN	9202 15P CONNECTOR	VKN1246
JP	9401,9501 CONNECTOR ASS'Y	PF04PG-Q07
PC	9401,9501 PHOTO INTERRUPTER	KE-2N18-15
VA	9002,9003 VARISTORS	EZJZ1V270RM

RESISTORS

VR	9001 ROTARY VR	DCS1104
VR	9002 SLIDE VR	DCV1033
	Other Resistors	RS1/10SR###J

CAPACITORS

C	9003(10 uF/10 V)	DCH1201
C	9004,9201,9202,9206	CKSRYB104K10
C	9203,9401,9501	CKSRYB105K10
C	9204,9207	CEJQ101M16
C	9208,9209	CCSRCH471J50
C	9210	CKSRYB104K10