

*** Refer to parts list on page 20.**

In compliance with Federal Regulations, following are reproduction of labels on, or inside the product relating to laser product safety.

Caution : No connection of ground line if disassemble the unit. Please connect the ground line on rear panel, PCBs, Chassis and some others.

KENWOOD Corp. certifies this equipment conforms to DHHS Regulations No.21 CFR 1040. 10, Chapter 1, subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.



DVF-N7080/N7080-S

NOTE / ACCESSORIES

Note for Servicing of the PC Control Unit (X17-1102-70)

Each unit of DVF-N7080 has its own MAC (Media Access Control) address.

The MAC address is written in IC202 of the PC Control Unit. This means that replacing the PC Control Unit or IC202 results in changing the MAC address of the unit. Therefore, when the PC Control Unit or IC202 is replaced, the user should be informed of the new MAC address. Also, the new MAC address should be recorded and maintained in the servicing record together with the serial number of the unit.

The MAC address can be confirmed in item "IP" setting in the Setup Menu.

Frequently Asked Questions (FAQ):

If you still have questions concerning the product after reading this manual, please consult the FAQ section on the Kenwood website of your resident country (if necessary you can find a link to your local website on www.kenwood.com <<http://www.kenwood.com>>).

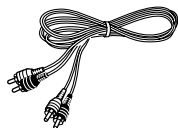
Software and Firmware update:

A possible update for the PC Server software and Firmware information for your product can be found in the "Technical Support" / "Service" section on the website of your resident country (if necessary you can find a link to your local website on www.kenwood.com <<http://www.kenwood.com>>).

The above-mentioned information is opened to the public.

Accessories

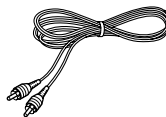
Audio cord (Red, White) ...(1)
(E30-0505-05)



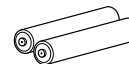
Video cord (Yellow) ...(1)
(E30-7317-05)



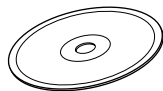
Coaxial cable(Orange) ...(1)
(E30-7318-05)



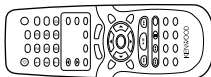
Batteries(R6/AA) ...(2)



CD-ROM (PC application) ...(1)
(W01-1835-05)



Remote control unit ...(1)
(A70-1657-05) : RC-D0712



Model vs description

MODEL	DESTINATION	COLOR
DVF-N7080-S	E1	SILVER
DVF-N7080	E2	BLACK
DVF-N7080-S	X1	SILVER

DVF-N7080/N7080-S

CAUTIONS

Resetting

Erroneous operation (operation impossible, wrong display indication, etc.) may occur when a connection cable is connected or disconnected while the power is on or because of an external influence. In such a case, try the following procedure.

Soft reset

Press the ON/STANDBY key to switch to standby status. Wait for approx. 10 seconds and then press the ON/STANDBY key again to switch on the power.

- When a memory card has been inserted, press the ON/STANDBY key, remove the card after standby status has been reached, and then press the ON/STANDBY key again to switch on the power.
- The contents of the settings registered by you remain as they are.

Return to the factory shipping status

- Bring the unit to STANDBY status and press the ON/STANDBY key while keeping the ■ (STOP) key pressed.
- Please note that the contents of the settings registered by you will be deleted.

Note related to transportation and movement

Before transporting or moving this unit, carry out the following operations.

1. Set the ON/STANDBY switch to ON without loading a disc.
2. Set the input selector to DVD.
3. Wait a few seconds and verify that the display below appears.

"NO DISC"

4. Set the ON/STANDBY switch to OFF.
5. Remove the PC card adapter.

Caution on condensation

Condensation (of dew) may occur inside the unit when there is a big difference in temperature between this unit and the outside. This unit may not function properly if condensation occurs. In this case, leave the unit for a few hours and restart the operation after the condensation has dried up.

Be specially cautious against condensation in the following circumstances:

When this unit is carried from one place to another across a big difference in temperature, when the humidity in the room where this unit is installed increases, etc.

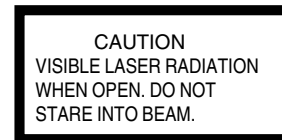
The marking of products using lasers

(For countries other than U.S.A. and U.S.-Military)



The marking this product has been classified as Class 1. It means that there is no danger of hazardous radiation outside the product.

Location: Back panel



Inside this laser product, a laser diode classified as Class 2 laser radiation is contained as alerted by the internal caution label shown above. Do not stare into beam.

Location: DVD laser pick-up unit cover inside this product

Trademark Information

- Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.
- "DTS" and "DTS Digital Out" are registered trademarks of Digital Theater Systems, Inc.
- Microsoft and Windows are registered trademarks or trademarks in the USA and other countries of Microsoft Corporation.
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- Memory Stick is a trademark of Sony Corporation.
- DivX, DivX Certified, and associated logos are trademarks of DivX Networks, Inc. and are used under license.

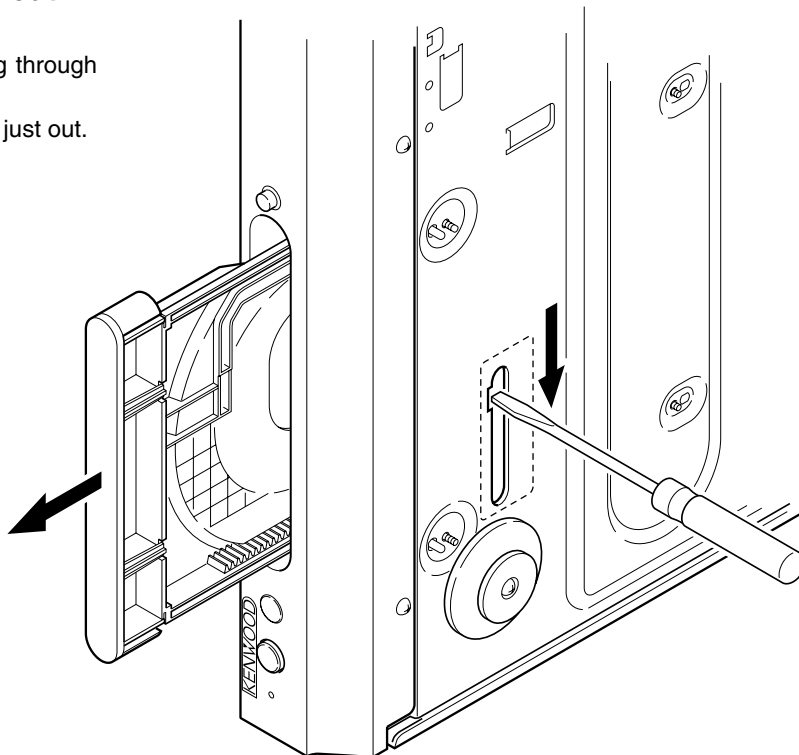
Other system names and product names are also trademarks or registered trademarks of their respective developers. Note that the "™" and "®" markings are omitted in the text of this manual.

DVF-N7080/N7080-S

DISASSEMBLY FOR REPAIR

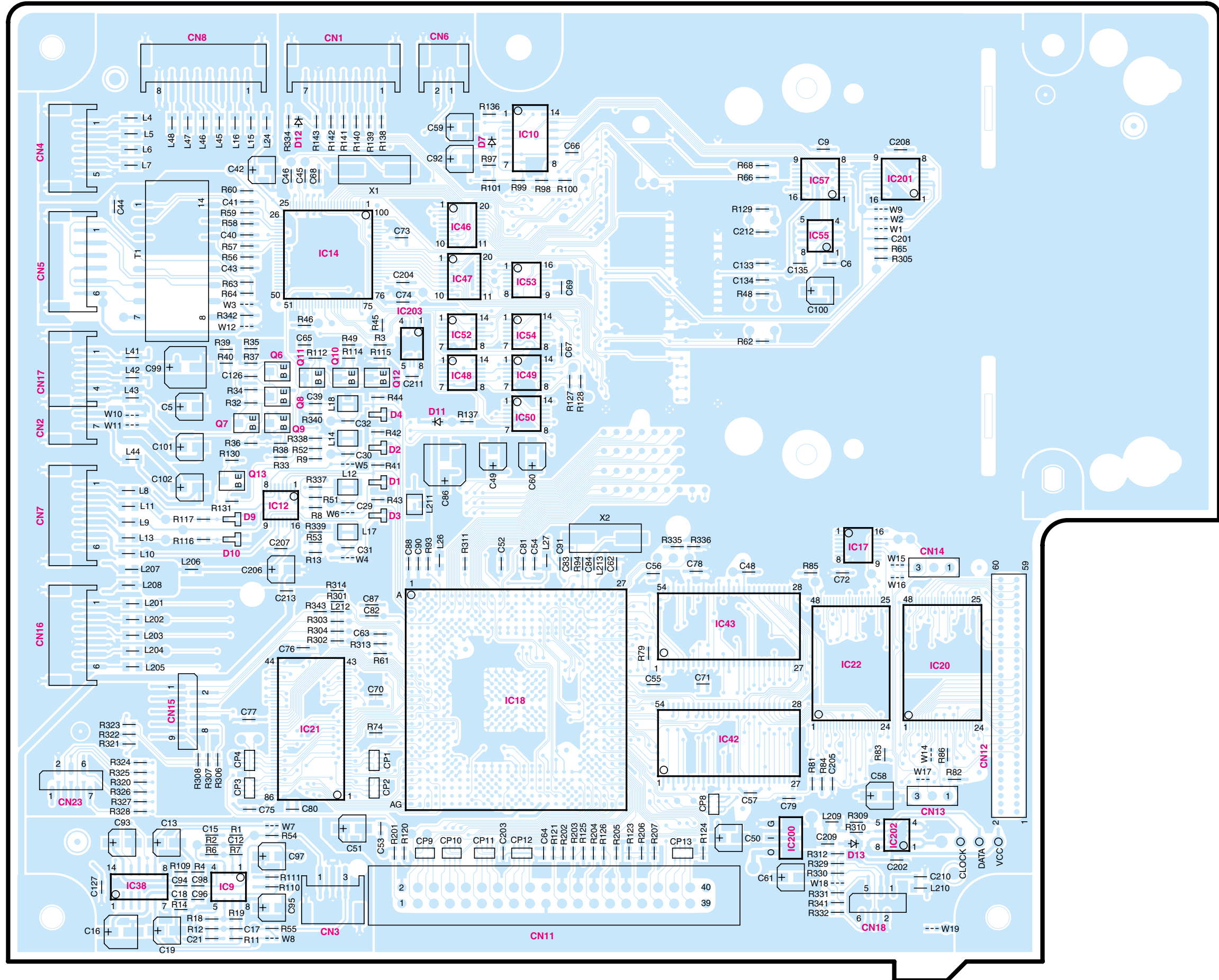
How to open the tray if it does not come out.

1. Insert a flat driver and pull it down in the drawing through the hole on the loading chassis bottom.
2. Pull out the tray frontward by hand when it comes just out.



PC BOARD

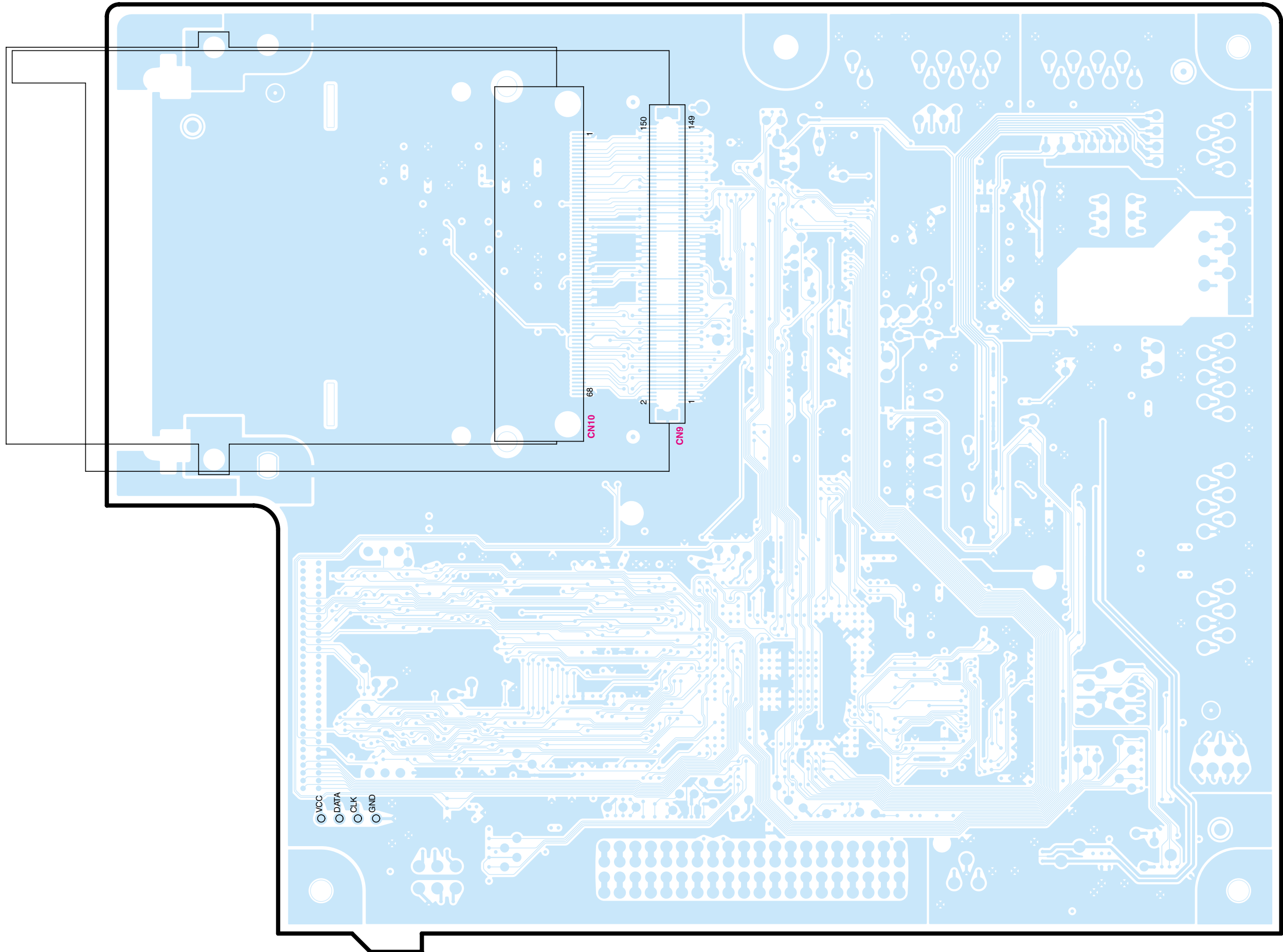
X17-1102-70 (J75-0013-12) (SIDE A)



Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD

X17-1102-70 (J75-0013-12) (SIDE B)



○ VCC
○ DATA
○ CLK
○ GND

68
CN10

1

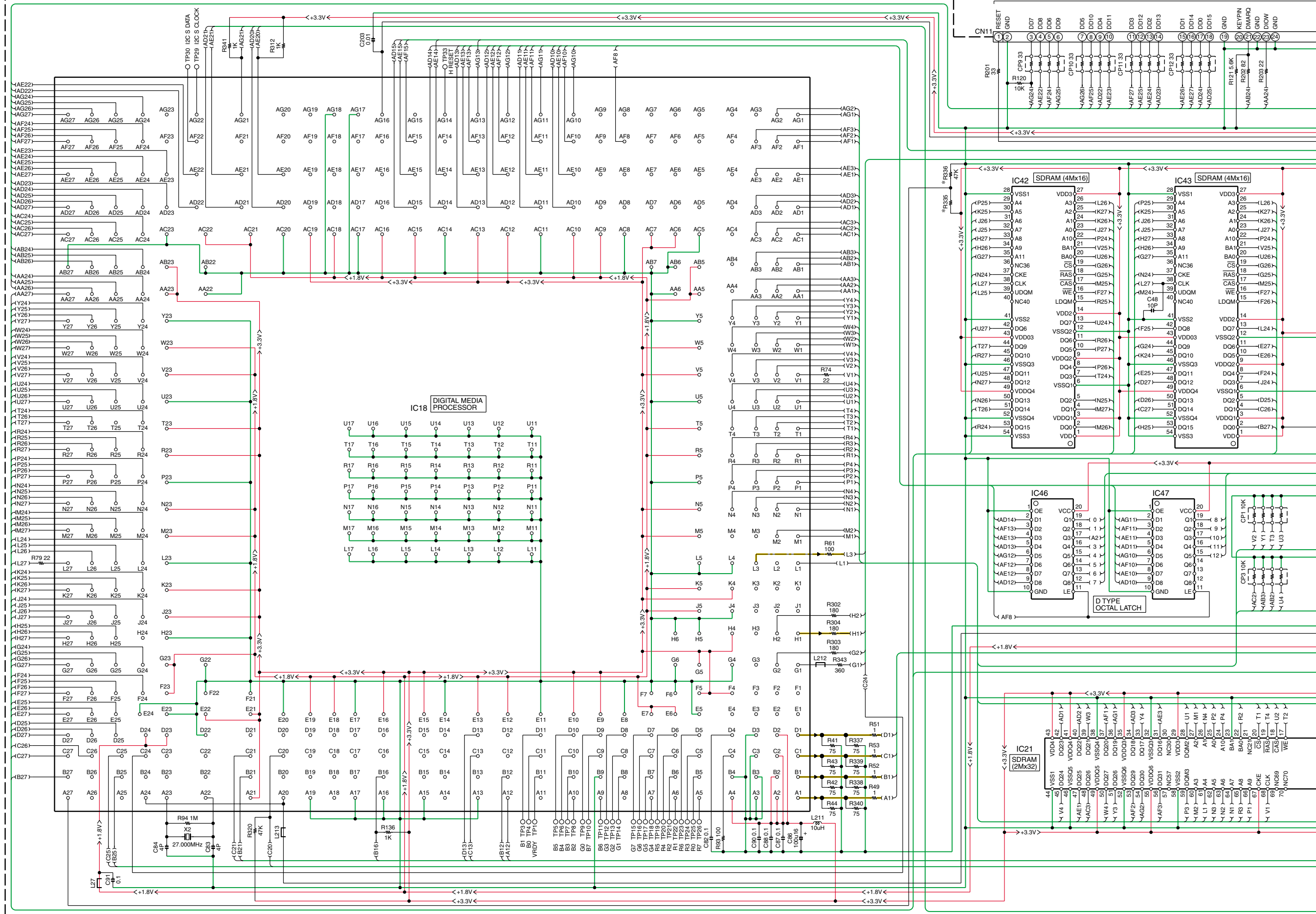
150

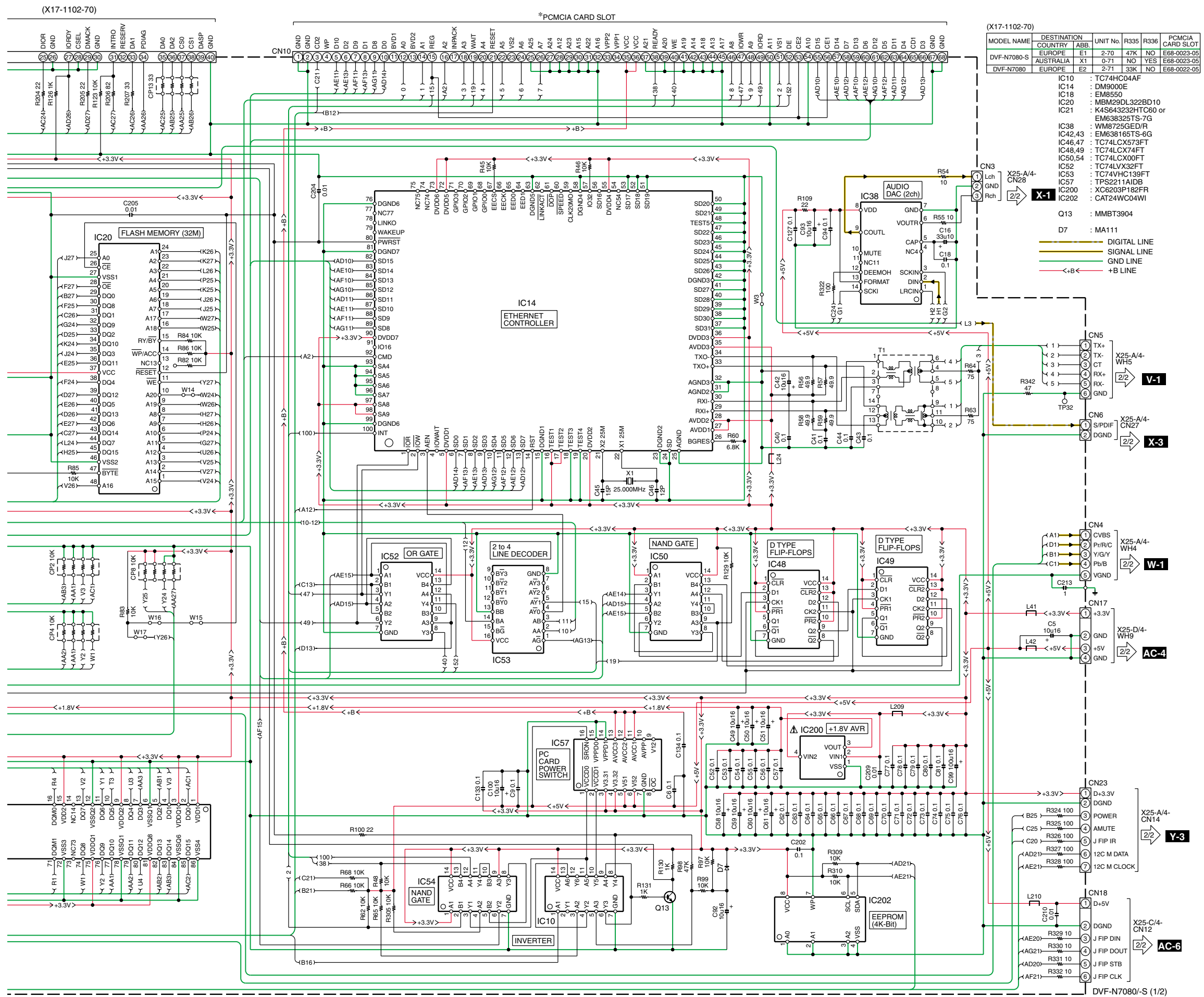
2

149
CN9

DVF-N7080/N7080-S

(X17-1102-70)





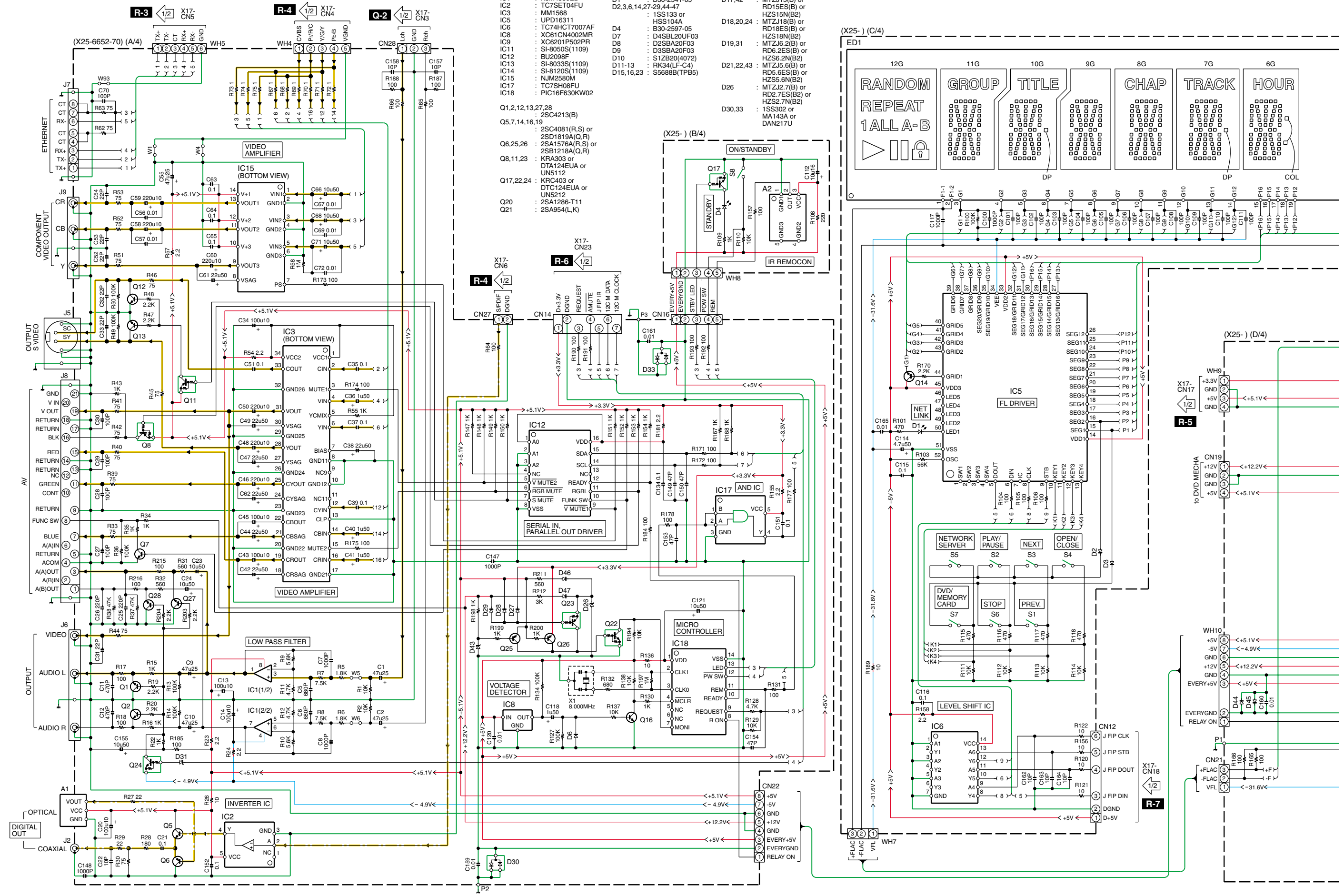
MODEL NAME	DESTINATION	COUNTRY	ABB.	UNIT No.	R335	R336	PCMCIA CARD SLOT
DVF-N7080-S	EUROPE	E1	2-70	47K	NO	YES	E68-0023-05
DVF-N7080	EUROPE	E2	2-71	33K	NO	NO	E68-0022-05

IC10	: TC74HC04AF
IC14	: DM9000E
IC18	: EM8550
IC20	: MBM29DL322BD10
IC21	: K4S643232HTC60 or EM638325TS-7G
IC38	: WM8725GD/R
IC42,43	: EM638165TS-6G
IC46,47	: TC74LCX573FT
IC48,49	: TC74LCX74FT
IC50,54	: TC74LCX00FT
IC52	: TC74LVX32FT
IC53	: TC74VHC139FT
IC57	: TPS2211AIDB
IC200	: XC6203P182FR
IC202	: CAT24WC04W1
Q13	: MMBT3904
D7	: MA111

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

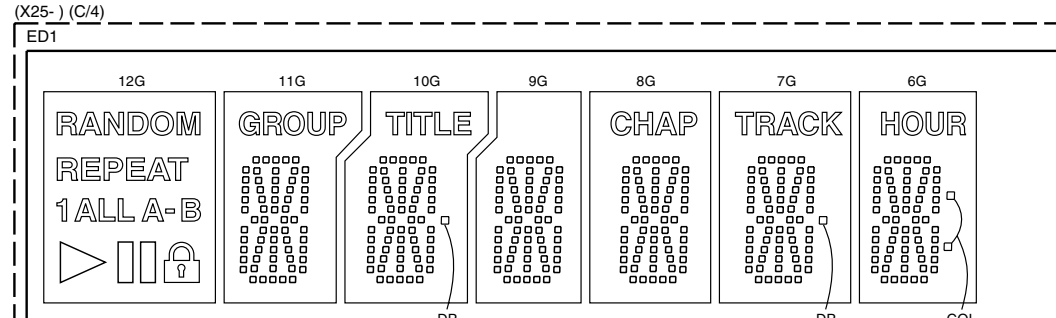
The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

DVF-N7080/N7080-S



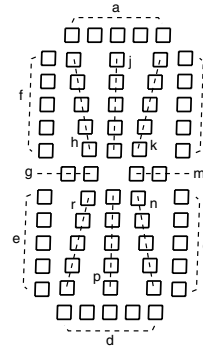
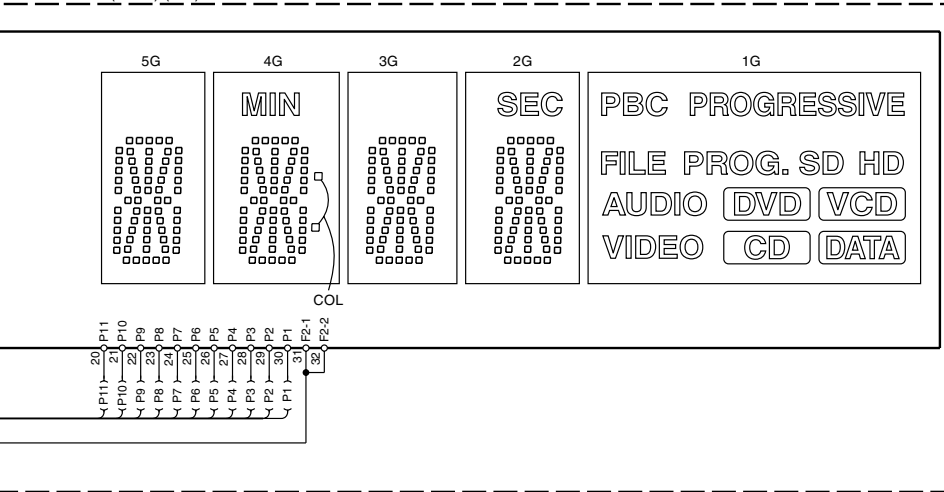
- | | | |
|-----------------------|---|---|
| IC1 : NJM4580ED | D1 : B30-2541-05 | D17,42 : MTZJ15(B) or RD15ES(B) or HZS15N(B2) |
| IC2 : TC7SET04FU | D2,3,6,14,27-29,44-47 : 1SS133 or HSS104A | D18,20,24 : MTZJ18(B) or RD18ES(B) or HZS18N(B2) |
| IC3 : MM1568 | D4 : B30-2597-05 | D19,31 : MTZJ6.2(B) or RD6.2ES(B) or HZS6.2N(B2) |
| IC5 : UPD16311 | D7 : D45BL20UF03 | D21,22,43 : MTZJ5.6(B) or RD5.6ES(B) or HZS5.6N(B2) |
| IC6 : TC74HCT7007AF | D8 : D25BA20F03 | D26 : MTZJ2.7(B) or RD2.7ES(B) or HZS2.7N(B2) |
| IC8 : XC61CN4002MR | D9 : D35BA20F03 | D30,33 : 1SS302 or MA143A or DAN217U |
| IC9 : XC6201P502PR | D10 : S1ZB20(4072) | |
| IC11 : SI-8050S(1109) | D11-13 : RK34(LF-C4) | |
| IC12 : BU2098F | D15,16,23 : S5688B(TPB5) | |
| IC13 : SI-8033S(1109) | | |
| IC14 : SI-8120S(1109) | | |
| IC15 : NJM2580M | | |
| IC17 : TC7SH08FU | | |
| IC18 : PIC16F930KW02 | | |

- Q1,2,12,13,27,28 : 2SC4213(B)
 Q5,7,14,16,19 : 2SD4081(R,S) or 2SD1819A(Q,R) or 2SB1218A(Q,R)
 Q6,25,26 : KRA303 or DTA124EUA or UN5112
 Q8,11,23 : KRC403 or DTC124EUA or UN5212
 Q17,22,24 : KRC403 or DTC124EUA or UN5212
 Q20 : 2SA1286-T11
 Q21 : 2SA954(L,K)



DVF-N7080/N7080-S

(X25-) (C/4)

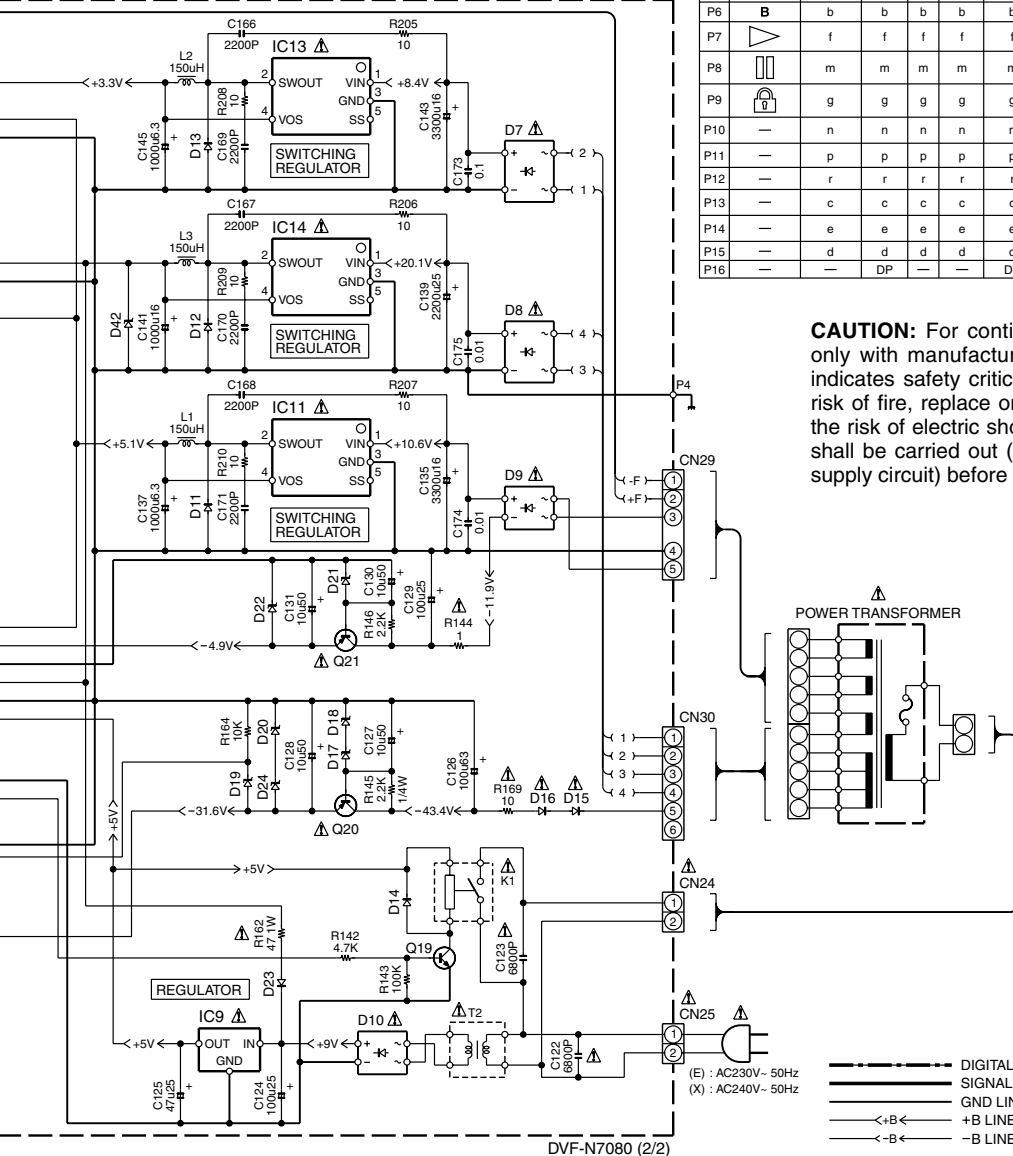


(11G-2G)

	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	RANDOM	GROUP	TITLE	—	CHAP	TRACK	HOUR	—	MIN	—	SEC	PBC
P2	REPEAT	a	a	a	a	a	a	a	a	a	a	PROGRESSIVE
P3	1	h	h	h	h	h	h	h	h	h	h	FILE
P4	ALL	j	j	j	j	j	j	j	j	j	j	PROG.
P5	A-	k	k	k	k	k	k	k	k	k	k	SD
P6	B	b	b	b	b	b	b	b	b	b	b	HD
P7	▶	f	f	f	f	f	f	f	f	f	f	AUDIO
P8	⏮	m	m	m	m	m	m	m	m	m	m	DVD
P9	🔒	g	g	g	g	g	g	g	g	g	g	VCD
P10	—	n	n	n	n	n	n	n	n	n	n	VIDEO
P11	—	p	p	p	p	p	p	p	p	p	p	CD
P12	—	r	r	r	r	r	r	r	r	r	r	DATA
P13	—	c	c	c	c	c	c	c	c	c	c	—
P14	—	e	e	e	e	e	e	e	e	e	e	—
P15	—	d	d	d	d	d	d	d	d	d	d	—
P16	—	—	DP	—	—	DP	COL	—	COL	—	—	—

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(X25-) (D/4)



(E) : AC230V - 50Hz
(X) : AC240V - 50Hz

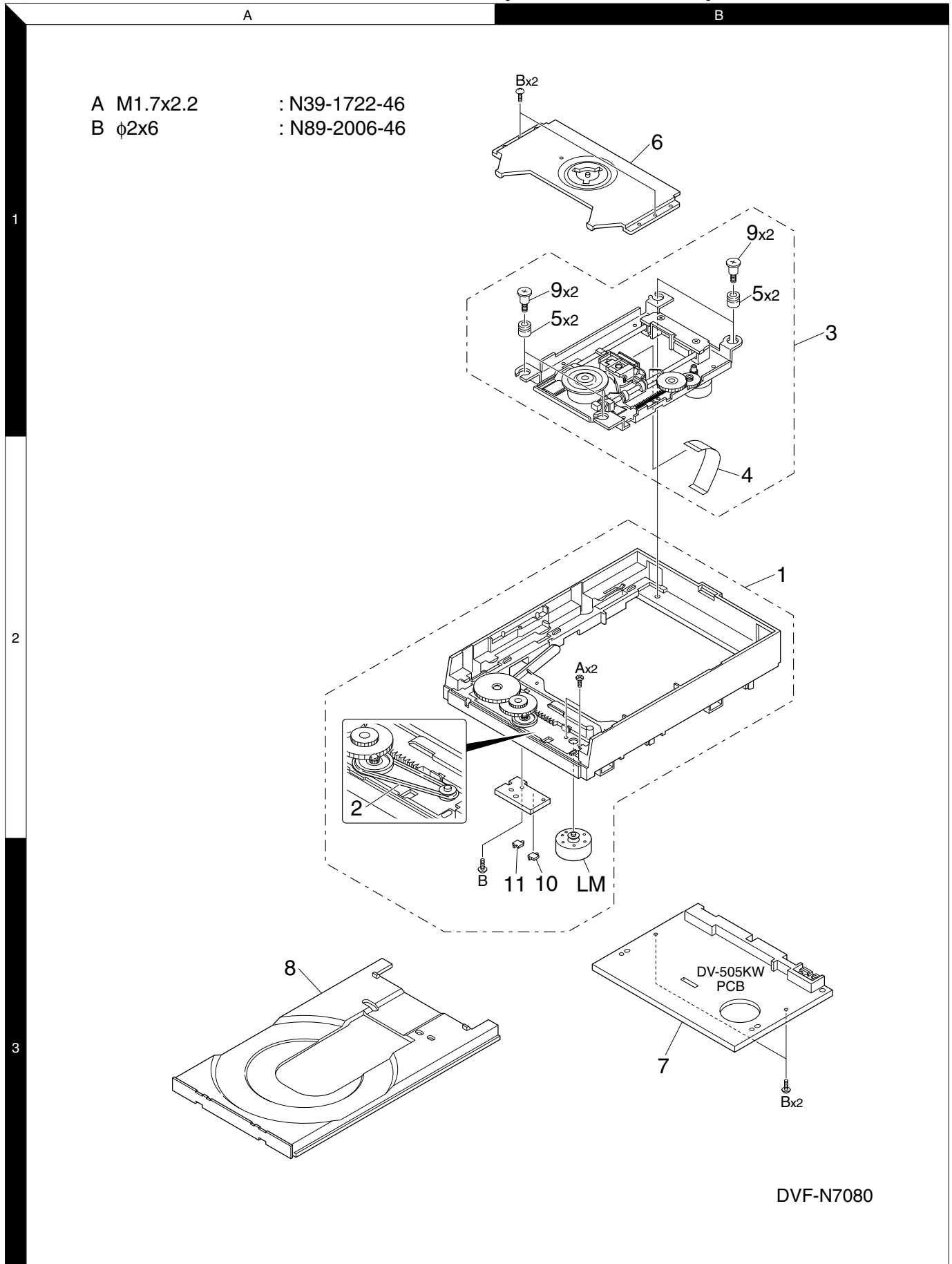
— — — — — DIGITAL LINE
——— SIGNAL LINE
———— GND LINE
——> +B LINE
——< -B LINE

DVF-N7080 (2/2)

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

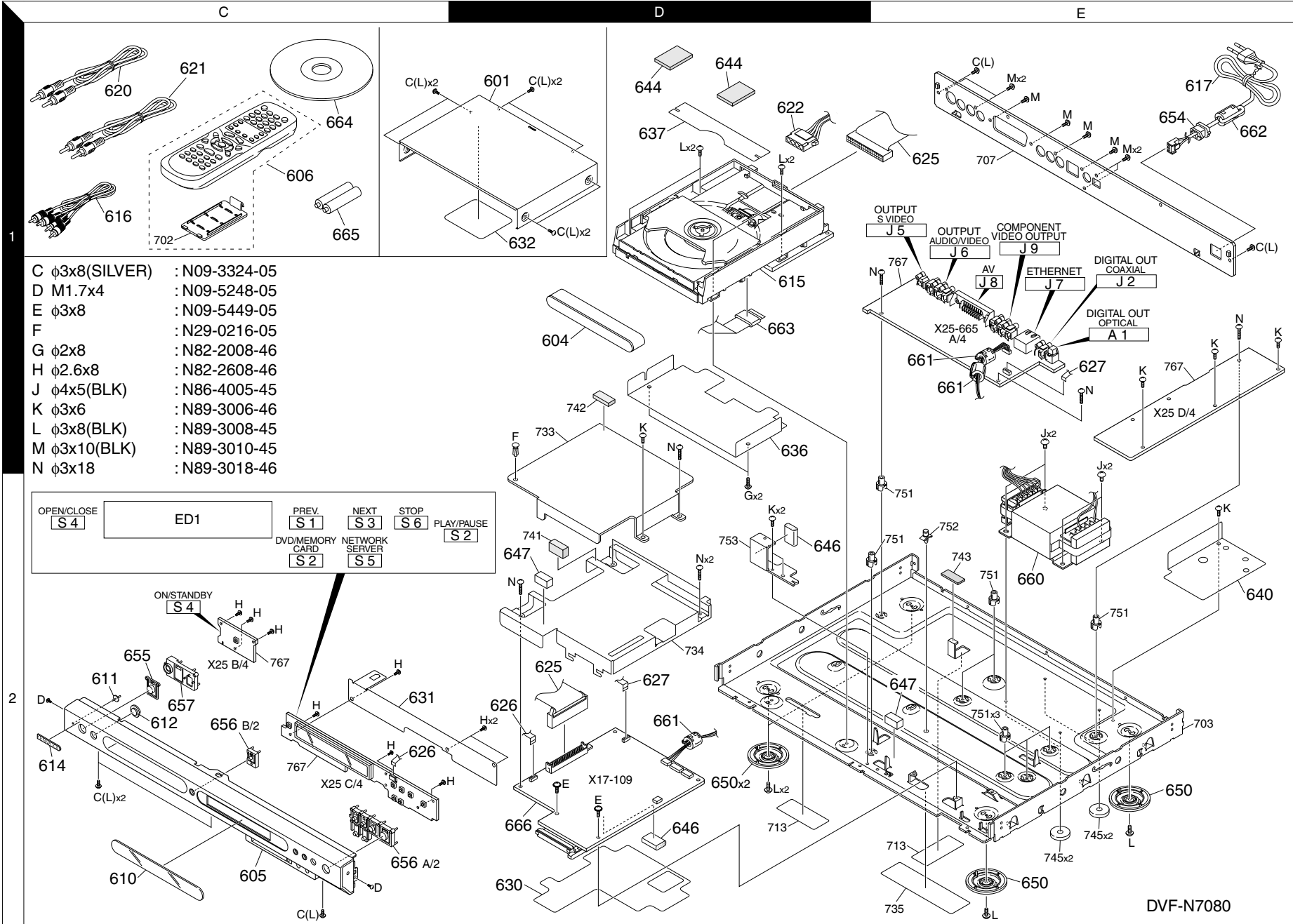
DVF-N7080/N7080-S

EXPLODED VIEW (MECHANISM)

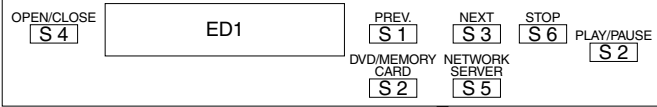


DVF-N7080/N7080-S

EXPLODED VIEW (UNIT)



- C ϕ 3x8(SILVER) : N09-3324-05
- D M1.7x4 : N09-5248-05
- E ϕ 3x8 : N09-5449-05
- F : N29-0216-05
- G ϕ 2x8 : N82-2008-46
- H ϕ 2.6x8 : N82-2608-46
- J ϕ 4x5(BLK) : N86-4005-45
- K ϕ 3x6 : N89-3006-46
- L ϕ 3x8(BLK) : N89-3008-45
- M ϕ 3x10(BLK) : N89-3010-45
- N ϕ 3x18 : N89-3018-46



DVF-N7080

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

①

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
DVF-N7080/N7080-S						
601	1D	*	A01-3922-11	METALLIC CABINET	E1X1	
601	1D	*	A01-3924-11	METALLIC CABINET	E2	
604	1D	*	A29-1233-13	PANEL	E1X1	
604	1D	*	A29-1234-23	PANEL	E2	
605	2C	*	A60-2381-11	PANEL	E1X1	
605	2C	*	A60-2385-11	PANEL	E2	
606	1C	*	A70-1657-05	REMOTE CONTROLLER ASSY		
-		*	B60-5498-00	INST. MANUAL (EN)		
-		*	B60-5499-00	INST. MANUAL (FR,GE,NE,IT,ES)	E1E2	
610	2C	*	B10-5514-03	FRONT GLASS	E1X1	
610	2C	*	B10-5526-03	FRONT GLASS	E2	
611	2C	*	B12-0385-04	INDICATOR		
612	2C	*	B12-0480-04	INDICATOR		
614	2C	*	B43-0336-04	BADGE		
615	1D	*	D40-1827-05	MECHANISM ASSY		
616	1C	*	E30-0505-05	CORD WITH PINPLUG		
617	1E	*	E30-2717-05	AC POWER CORD	X1	
617	1E	*	E30-2942-05	AC POWER CORD	E1E2	
620	1C	*	E30-7317-05	CORD WITH PINPLUG		
621	1C	*	E30-7318-05	CORD WITH PINPLUG		
622	1D	*	E35-3637-05	WIRING HARNESS		
625	2D,1E	*	E35-3663-05	WIRING HARNESS		
626	2C,2D	*	E35-3666-05	FLAT CABLE 5P 220MM		
627	2D,1E	*	E35-3667-05	FLAT CABLE 6P 120MM		
630	2D	*	F10-2854-02	SHIELDING PLATE		
631	2C	*	F10-2855-03	SHIELDING PLATE		
632	1D	*	F10-2856-03	SHIELDING PLATE		
636	1D	*	F19-1135-23	SHIELDING PLATE		
637	1D	*	F19-1136-04	SHIELDING PLATE		
640	2E	*	F20-3616-03	INSULATING BOARD		
644	1D	*	G11-2954-04	CUSHION		
646	2D	*	G53-0093-04	GASKETTING		
647	2D,2E	*	G53-0095-04	GASKETTING		
-		*	H10-7920-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-7921-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H50-4919-14	ITEM CARTON CASE	E1	
-		*	H50-4928-14	ITEM CARTON CASE	E2	
-		*	H50-4929-14	ITEM CARTON CASE	X1	
650	2D,2E	*	J02-1560-03	FOOT		
654	1E	*	J42-0349-05	POWER CORD BUSHING		
655	2C	*	K29-8366-04	KNOB	E1X1	
655	2C	*	K29-8374-04	KNOB	E2	
656	2C	*	K29-8367-02	KNOB	E1X1	
656	2C	*	K29-8375-02	KNOB	E2	
657	2C	*	K29-8369-03	KNOB	E1X1	
657	2C	*	K29-8376-03	KNOB	E2	
660	2E	*	L07-3284-05	POWER TRANSFORMER		
661	2D,1E	*	L92-0072-15	FERRITE CORE		
662	1E	*	L92-0583-05	FERRITE CORE		

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
 Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
 Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components.

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②

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
663	1D	*	L92-0811-05	FERRITE CORE		
664	1C	*	W01-1835-05	COMPACT DISC		
665	1C	*	W09-0022-05	BATTERY		
666	2D	*	X17-1100-71	PC CONTROL UNIT	X1	
666	2D	*	X17-1102-70	PC CONTROL UNIT	E1	
666	2D	*	X17-1102-71	PC CONTROL UNIT	E2	
MECHANISM (D40-1827-05)						
1	2B	*	A10-3617-08	CHASSIS ASS'Y		
2	2A	*	D16-0806-08	BELT		
3	1B	*	D40-1830-08	MECHANISM ASS'Y		
4	2B	*	E35-3682-08	FLAT CABLE		
5	1B	*	J02-1562-08	INSULATOR		
6	1B	*	J11-0900-08	CLAMPER ASS'Y		
7	3B	*	J26-0153-08	PRINTED WIRING BOARD ASSY		
10	3B	*	S64-0066-08	LEVER SWITCH		
11	3B	*	S64-0067-08	LEVER SWITCH		
LM	3B	*	T42-1151-08	MOTOR ASS'Y		
A		*	N39-1722-46	PAN HEAD MACHINE SCREW		
B		*	N89-2006-46	BINDING HEAD TAPTITE SCREW		
PC CONTROL (X17-1102-70)						
C5		*	CE32AP1C100M	CHIP EL	10UF	16WV
C6		*	CK73GB1C104K	CHIP C	0.10UF	K
C9		*	CK73GB1C104K	CHIP C	0.10UF	K
C16		*	CE32AP1A330M	CHIP EL	33UF	10WV
C18		*	CK73GB1C104K	CHIP C	0.10UF	K
C40 ,41		*	CK73GB1C104K	CHIP C	0.10UF	K
C42		*	CE32AP1C100M	CHIP EL	10UF	16WV
C43 ,44		*	CK73GB1C104K	CHIP C	0.10UF	K
C45		*	CC73GCH1H150J	CHIP C	15PF	J
C46		*	CC73GCH1H120J	CHIP C	12PF	J
C48		*	CC73GCH1H100D	CHIP C	10PF	D
C49 -51		*	CE32AP1C100M	CHIP EL	10UF	16WV
C52 -57		*	CK73GB1C104K	CHIP C	0.10UF	K
C58 -61		*	CE32AP1C100M	CHIP EL	10UF	16WV
C62 -82		*	CK73GB1C104K	CHIP C	0.10UF	K
C83 ,84		*	CC73GCH1H040C	CHIP C	4.0PF	C
C86		*	CE32AP1C101M	CHIP EL	100UF	16WV
C87 ,88		*	CK73GB1C104K	CHIP C	0.10UF	K
C90 ,91		*	CK73GB1C104K	CHIP C	0.10UF	K
C92 ,93		*	CE32AP1C100M	CHIP EL	10UF	16WV
C94		*	CK73GB1C104K	CHIP C	0.10UF	K
C99		*	CE32AP1C101M	CHIP EL	100UF	16WV
C100		*	CE32AP1C100M	CHIP EL	10UF	16WV
C127		*	CK73GB1C104K	CHIP C	0.10UF	K
C133,134		*	CK73GB1C104K	CHIP C	0.10UF	K
C202		*	CK73GB1C104K	CHIP C	0.10UF	K
C203-205		*	CK73GB1H103K	CHIP C	0.010UF	K
C209,210		*	CK73GB1H103K	CHIP C	0.010UF	K
C213		*	CK73GF1A105Z	CHIP C	1.0UF	Z
-		*	E68-0022-05	JACK(OTHERS) PC CARD SLOT	E2	
-		*	E68-0023-05	JACK(OTHERS) PC CARD SLOT	E1X1	

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PARTS LIST

DVF-N7080/N7080-S

* New Parts

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
CN10		*	E41-1030-05	PIN ASSY		
CN11		*	E41-1004-05	PIN ASSY		
CN18		*	E41-1131-05	FLAT CABLE CONNECTOR		
CN23		*	E41-1132-05	FLAT CABLE CONNECTOR		
L24			L92-0574-05	FERRITE CORE		
L27			L92-0574-05	FERRITE CORE		
L41, 42			L92-0574-05	FERRITE CORE		
L209,210			L92-0574-05	FERRITE CORE		
L211			L41-1005-26	SMALL FIXED INDUCTOR		
L212,213		*	L92-0810-05	CHIP FERRITE		
T1		*	L13-0022-05	PULSE TRANSFORMER		
X1		*	L77-2422-05	CRYSTAL RESONATOR(25MHZ)		
X2		*	L77-2428-05	CRYSTAL RESONATOR(27MHZ)		
CP1 -4			RK74GB1J103J	CHIP-COM 10K J 1/16W		
CP8			RK74GB1J103J	CHIP-COM 10K J 1/16W		
CP9 -13			RK74GB1J330J	CHIP-COM 33 J 1/16W		
R41 -44			RN73GH1J750D	CHIP R 75 D 1/16W		
R45, 46			RK73GB1J103J	CHIP R 10K J 1/16W		
R48			RK73GB1J103J	CHIP R 10K J 1/16W		
R49			RK73GB1J1R0J	CHIP R 1 J 1/16W		
R51 -53			RK73GB1J1R0J	CHIP R 1 J 1/16W		
R54, 55			RK73GB1J100J	CHIP R 10 J 1/16W		
R56 -59			RN73GH1J49R9D	CHIP R 49.9 D 1/16W		
R60			RN73GH1J682D	CHIP R 6.8K D 1/16W		
R61			RK73GB1J101J	CHIP R 100 J 1/16W		
R62			RK73GB1J103J	CHIP R 10K J 1/16W		
R63, 64			RN73GH1J750D	CHIP R 75 D 1/16W		
R65, 66			RK73GB1J103J	CHIP R 10K J 1/16W		
R68			RK73GB1J103J	CHIP R 10K J 1/16W		
R74			RK73GB1J220J	CHIP R 22 J 1/16W		
R79			RK73GB1J220J	CHIP R 22 J 1/16W		
R82 -86			RK73GB1J103J	CHIP R 10K J 1/16W		
R93			RK73GB1J101J	CHIP R 100 J 1/16W		
R94			RK73GB1J105J	CHIP R 1.0M J 1/16W		
R97			RK73GB1J103J	CHIP R 10K J 1/16W		
R98			RK73GB1J473J	CHIP R 47K J 1/16W		
R99			RK73GB1J103J	CHIP R 10K J 1/16W		
R100			RK73GB1J220J	CHIP R 22 J 1/16W		
R109			RK73GB1J220J	CHIP R 22 J 1/16W		
R120			RK73GB1J103J	CHIP R 10K J 1/16W		
R121			RK73GB1J562J	CHIP R 5.6K J 1/16W		
R123			RK73GB1J103J	CHIP R 10K J 1/16W		
R126			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R129			RK73GB1J103J	CHIP R 10K J 1/16W		
R130,131			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R136			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R201			RK73GB1J330J	CHIP R 33 J 1/16W		
R202			RK73GB1J820J	CHIP R 82 J 1/16W		
R203-205			RK73GB1J220J	CHIP R 22 J 1/16W		
R206			RK73GB1J820J	CHIP R 82 J 1/16W		
R207			RK73GB1J330J	CHIP R 33 J 1/16W		
R302-304			RK73GB1J181J	CHIP R 180 J 1/16W		
R305			RK73GB1J103J	CHIP R 10K J 1/16W		
R309,310			RK73GB1J103J	CHIP R 10K J 1/16W		

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
R312			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R320			RK73GB1J473J	CHIP R 47K J 1/16W		
R322			RK73GB1J101J	CHIP R 100 J 1/16W		
R324-328			RK73GB1J101J	CHIP R 100 J 1/16W		
R329-332			RK73GB1J100J	CHIP R 10 J 1/16W		
R335			RK73GB1J333J	CHIP R 33K J 1/16W	E2	
R335			RK73GB1J473J	CHIP R 47K J 1/16W	E1	
R336			RK73GB1J473J	CHIP R 47K J 1/16W	X1	
R337-340			RN73GH1J750D	CHIP R 75 D 1/16W		
R341			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R342			RK73GB1J470J	CHIP R 47 J 1/16W		
R343			RK73GB1J361J	CHIP R 360 J 1/16W		
W3			R92-1252-05	CHIP R 0 OHM J 1/16W		
W14 -17			R92-1252-05	CHIP R 0 OHM J 1/16W		
D7			MA111	DIODE		
IC10			TC74HC04AF	IC(INVERTER)		
IC14			DM9000E	MOS-IC		
IC18			EM8550	MOS-IC		
IC20		*	MBM29DL322BD10	ROM IC		
IC21			EM638325TS-7G	DRAM IC		
IC21			K4S643232HTC60	DRAM IC		
IC38		*	WM8725GED/R	MOS-IC		
IC42,43			EM638165TS-6G	DRAM IC		
IC46,47			TC74LCX573FT	MOS-IC		
IC48,49			TC74LCX74FT	MOS-IC		
IC50			TC74LCX00FT	MOS-IC		
IC52			TC74LVX32FT	MOS-IC		
IC53			TC74VHC139FT	MOS-IC		
IC54		*	TC74LCX00FT	MOS-IC		
IC57		*	TPS2211AIDB	ANALOGUE IC		
IC200		*	XC6203P182FR	ANALOGUE IC		
IC202		*	CAT24WC04WI	ROM IC		
Q13		*	MMBT3904	TRANSISTOR		
ELECTRIC (X25-6652-70)						
D1			B30-2541-05	LED(GRN3(80))		
D4			B30-2597-05	LED(RED HI-BRIGHT)		
C1 ,2			CE04KW1E470M	ELECTRO 47UF 25WV		
C5 ,6			CC73GCH1H681J	CHIP C 680PF J		
C7 ,8			CC73GCH1H102J	CHIP C 1000PF J		
C9 ,10			CE04KW1E470M	ELECTRO 47UF 25WV		
C11 ,12			CC73GCH1H471J	CHIP C 470PF J		
C13 ,14			CE04KW1A101M	ELECTRO 100UF 10WV		
C20			CE04KW1A101M	ELECTRO 100UF 10WV		
C21			CK73GB1C104K	CHIP C 0.10UF K		
C22			CC73GCH1H100D	CHIP C 10PF D		
C23 ,24			CE04KW1H100M	ELECTRO 10UF 50WV		
C25 ,26			CC73GCH1H221J	CHIP C 220PF J		
C27 -30			CC73GCH1H101J	CHIP C 100PF J		
C31 -33			CC73GCH1H220J	CHIP C 22PF J		
C34			CE04KW1A101M	ELECTRO 100UF 10WV		
C35			CK73GB1C104K	CHIP C 0.10UF K		
C36			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C37			CK73GB1C104K	CHIP C 0.10UF K		
C38			CE04KW1H220M	ELECTRO 22UF 50WV		

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C39			CK73GB1C104K	CHIP C 0.10UF K		
C40 .41			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C42			CE04KW1H220M	ELECTRO 22UF 50WV		
C43			CE04KW1A101M	ELECTRO 100UF 10WV		
C44			CE04KW1H220M	ELECTRO 22UF 50WV		
C45			CE04KW1A101M	ELECTRO 100UF 10WV		
C46			CE04KW1A221M	ELECTRO 220UF 10WV		
C47			CE04KW1H220M	ELECTRO 22UF 50WV		
C48			CE04KW1A221M	ELECTRO 220UF 10WV		
C49			CE04KW1H220M	ELECTRO 22UF 50WV		
C50			CE04KW1A221M	ELECTRO 220UF 10WV		
C51			CK73GB1C104K	CHIP C 0.10UF K		
C52 -.54			CC73GCH1H220J	CHIP C 22PF J		
C55			CE04KW1E470M	ELECTRO 47UF 25WV		
C56 .57			CK73GB1H103K	CHIP C 0.010UF K		
C58 -60			CE04KW1A221M	ELECTRO 220UF 10WV		
C61 .62			CE04KW1H220M	ELECTRO 22UF 50WV		
C63 -65			CK73GB1C104K	CHIP C 0.10UF K		
C66			CE04KW1H100M	ELECTRO 10UF 50WV		
C67			CK73GB1H103K	CHIP C 0.010UF K		
C68			CE04KW1H100M	ELECTRO 10UF 50WV		
C69			CK73GB1H103K	CHIP C 0.010UF K		
C70		*	C91-1674-05	CERAMIC CAPACITOR		
C71			CE04KW1H100M	ELECTRO 10UF 50WV		
C72			CK73GB1H103K	CHIP C 0.010UF K		
C100			CC73GCH1H102J	CHIP C 1000PF J		
C101-111			CC73GCH1H101J	CHIP C 100PF J		
C112			CE04RW1C100M	ELECTRO 10UF 16WV		
C114			CE04RW1H4R7M	ELECTRO 4.7UF 50WV		
C115,116			CK73GB1C104K	CHIP C 0.10UF K		
C117			CC73GCH1H102J	CHIP C 1000PF J		
C118			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C120			CK73GB1H103K	CHIP C 0.010UF K		
C121			CE04KW1H100M	ELECTRO 10UF 50WV		
△ C122,123			C91-1488-05	MF 6800PF 250VAC		
C124			CE04KW1E101M	ELECTRO 100UF 25WV		
C125			CE04KW1E470M	ELECTRO 47UF 25WV		
C126			CE04KW1J101M	ELECTRO 100UF 63WV		
C127,128			CE04KW1H100M	ELECTRO 10UF 50WV		
C129			CE04KW1E101M	ELECTRO 100UF 25WV		
C130,131			CE04KW1H100M	ELECTRO 10UF 50WV		
C134			CK73GB1C104K	CHIP C 0.10UF K		
C135			CE04KW1C332M	ELECTRO 3300UF 16WV		
C137		*	C90-5814-05	ALUMINIUM ELECTROLYTIC C.		
C139			CE04KW1E222M	ELECTRO 2200UF 25WV		
C141			C90-5803-05	ALUMINIUM ELECTROLYTIC C.		
C143			CE04KW1C332M	ELECTRO 3300UF 16WV		
C145		*	C90-5814-05	ALUMINIUM ELECTROLYTIC C.		
C147,148			CC73GCH1H102J	CHIP C 1000PF J		
C149,150			CC73GCH1H470J	CHIP C 47PF J		
C151,152			CK73GB1C104K	CHIP C 0.10UF K		
C153,154			CC73GCH1H470J	CHIP C 47PF J		
C155			CE04KW1H100M	ELECTRO 10UF 50WV		
C157,158			CC73GCH1H100D	CHIP C 10PF D		
C159-161			CK73GB1H103K	CHIP C 0.010UF K		

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
C162-164			CC73GCH1H100D	CHIP C 10PF D		
C165			CK73GB1H103K	CHIP C 0.010UF K		
C166-171			CK73GB1H222K	CHIP C 2200PF K		
C173			CQ93FMG1H104J	MYLAR 0.10UF J		
C174,175			CK45FF1H103Z	CERAMIC 0.010UF Z		
CN12			E40-8635-05	FLAT CABLE CONNECTOR		
CN14		*	E41-1080-05	FLAT CABLE CONNECTOR		
J2		*	E63-1352-05	PIN JACK		
J5		*	E56-0055-05	CYLINDRICAL RECEPTACLE		
J6		*	E63-1353-05	PIN JACK		
J7		*	E58-0063-05	RECTANGULAR RECEPTACLE		
J8		*	E58-0068-05	RECTANGULAR RECEPTACLE		
J9		*	E63-1351-05	PIN JACK		
E1			J11-0808-05	WIRE CLAMPER		
L1 -3		*	L33-1685-05	CHOKO COIL		
T2		*	L07-3217-05	POWER TRANSFORMER		
X1		*	L78-0769-05	RESONATOR (8MHZ)		
R1 .2			RK73GB1J103J	CHIP R 10K J 1/16W		
R5 .6			RK73GB1J182J	CHIP R 1.8K J 1/16W		
R7 .8			RK73GB1J752J	CHIP R 7.5K J 1/16W		
R9 .10			RK73GB1J562J	CHIP R 5.6K J 1/16W		
R11 .12			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R13 .14			RK73GB1J104J	CHIP R 100K J 1/16W		
R15 .16			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R17 .18			RK73GB1J101J	CHIP R 100 J 1/16W		
R19 .20			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R23 .24			RK73GB1J2R2J	CHIP R 2.2 J 1/16W		
R26			RK73GB1J100J	CHIP R 10 J 1/16W		
R29			RK73GB1J220J	CHIP R 22 J 1/16W		
R30			RN73GH1J750D	CHIP R 75 D 1/16W		
R31 .32			RK73GB1J561J	CHIP R 560 J 1/16W		
R33			RN73GH1J750D	CHIP R 75 D 1/16W		
R34 .35			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R36			RK73GB1J104J	CHIP R 100K J 1/16W		
R37 .38			RK73GB1J473J	CHIP R 47K J 1/16W		
R39 -42			RN73GH1J750D	CHIP R 75 D 1/16W		
R43			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R44 -46			RN73GH1J750D	CHIP R 75 D 1/16W		
R47 .48			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R49 .50			RK73GB1J104J	CHIP R 100K J 1/16W		
R51 -53			RN73GH1J750D	CHIP R 75 D 1/16W		
R54			RK73GB1J2R2J	CHIP R 2.2 J 1/16W		
R55			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R57			RK73GB1J2R2J	CHIP R 2.2 J 1/16W		
R58			RK73GB1J105J	CHIP R 1.0M J 1/16W		
R62 .63			RN73GH1J750D	CHIP R 75 D 1/16W		
R64 -66			RK73GB1J101J	CHIP R 100 J 1/16W		
R67 -75			RK73GB1J1R0J	CHIP R 1 J 1/16W		
R100			RK73GB1J104J	CHIP R 100K J 1/16W		
R101			RK73GB1J471J	CHIP R 470 J 1/16W		
R103			RK73GB1J563J	CHIP R 56K J 1/16W		
R104-106			RK73GB1J101J	CHIP R 100 J 1/16W		

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PARTS LIST

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
R108			RK73GB1J221J	CHIP R 220 J 1/16W		
R109			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R110-114			RK73GB1J103J	CHIP R 10K J 1/16W		
R115-118			RK73GB1J471J	CHIP R 470 J 1/16W		
R120-122			RK73GB1J100J	CHIP R 10 J 1/16W		
R127			RK73GB1J104J	CHIP R 100K J 1/16W		
R128			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R129			RK73GB1J103J	CHIP R 10K J 1/16W		
R130			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R131			RK73GB1J101J	CHIP R 100 J 1/16W		
R132			RK73GB1J681J	CHIP R 680 J 1/16W		
R134			RK73GB1J104J	CHIP R 100K J 1/16W		
R137,138			RK73GB1J103J	CHIP R 10K J 1/16W		
R142			RK73GB1J472J	CHIP R 4.7K J 1/16W		
R143			RK73GB1J104J	CHIP R 100K J 1/16W		
R144	Δ		RD14NB2E1R0J	RD 1 J 1/4W		
R145			RD14NB2E222J	RD 2.2K J 1/4W		
R146			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R147-154			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R155			RK73GB1J2R2J	CHIP R 2.2 J 1/16W		
R156			RK73GB1J100J	CHIP R 10 J 1/16W		
R157			RK73GB1J101J	CHIP R 100 J 1/16W		
R158			RK73GB1J2R2J	CHIP R 2.2 J 1/16W		
R162	Δ		RS14KB3A470J	FL-PROOF RS 47 J 1W		
R167,168			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R169	Δ		RD14NB2E100J	RD 10 J 1/4W		
R170			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R171-175			RK73GB1J101J	CHIP R 100 J 1/16W		
R177,178			RK73GB1J101J	CHIP R 100 J 1/16W		
R181			RK73GB1J2R2J	CHIP R 2.2 J 1/16W		
R184			RK73GB1J101J	CHIP R 100 J 1/16W		
R187,188			RK73GB1J101J	CHIP R 100 J 1/16W		
R189			RK73GB1J100J	CHIP R 10 J 1/16W		
R190-193			RK73GB1J101J	CHIP R 100 J 1/16W		
R194			RK73GB1J103J	CHIP R 10K J 1/16W		
R197			RK73GB1J105J	CHIP R 1.0M J 1/16W		
R198-200			RK73GB1J102J	CHIP R 1.0K J 1/16W		
R203,204			RK73GB1J222J	CHIP R 2.2K J 1/16W		
R205-207			RK73GB1J100J	CHIP R 10 J 1/16W		
R209,210			RK73GB1J100J	CHIP R 10 J 1/16W		
R211			RK73GB1J561J	CHIP R 560 J 1/16W		
R212			RK73GB1J302J	CHIP R 3.0K J 1/16W		
R215,216			RK73GB1J101J	CHIP R 100 J 1/16W		
W5 ,6			R92-1963-05	JUMPER WIRE (RESISTOR TYPE)		
W93			R92-1963-05	JUMPER WIRE (RESISTOR TYPE)		
W97			R92-1963-05	JUMPER WIRE (RESISTOR TYPE)		
K1	Δ		S76-0131-15	MAGNETIC RELAY		
S1 -8			S70-0031-05	TACT SWITCH		
D2 ,3			HSS104A	DIODE		
D2 ,3			1SS133	DIODE		
D6			HSS104A	DIODE		
D6			1SS133	DIODE		
D7	Δ		D4SBL20UF03	DIODE		
D8	Δ		D2SBA20F03	DIODE		

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Δ D9			D3SBA20F03	DIODE		
Δ D10			S1ZB20(4072)	DIODE		
D11 -13		*	RK34(LF-C4)	DIODE		
D14			HSS104A	DIODE		
D14			1SS133	DIODE		
Δ D15 ,16			S5688B(TPB5)	DIODE		
D17			HZS15N(B2)	ZENER DIODE		
D17			MTZJ15(B)	ZENER DIODE		
D17			RD15ES(B)	ZENER DIODE		
D18			HZS18N(B2)	ZENER DIODE		
D18			MTZJ18(B)	ZENER DIODE		
D18			RD18ES(B)	ZENER DIODE		
D19			HZS6.2N(B2)	ZENER DIODE		
D19			MTZJ6.2(B)	ZENER DIODE		
D19			RD6.2ES(B)	ZENER DIODE		
D20			HZS18N(B2)	ZENER DIODE		
D20			MTZJ18(B)	ZENER DIODE		
D20			RD18ES(B)	ZENER DIODE		
D21 ,22			HZS5.6N(B2)	ZENER DIODE		
D21 ,22			MTZJ5.6(B)	ZENER DIODE		
D21 ,22			RD5.6ES(B)	ZENER DIODE		
D23			S5688B(TPB5)	DIODE		
D24			HZS18N(B2)	ZENER DIODE		
D24			MTZJ18(B)	ZENER DIODE		
D24			RD18ES(B)	ZENER DIODE		
D26			HZS2.7N(B2)	ZENER DIODE		
D26			MTZJ2.7(B)	ZENER DIODE		
D26			RD2.7ES(B)	ZENER DIODE		
D27 -29			HSS104A	DIODE		
D27 -29			1SS133	DIODE		
D30			DAN217U	DIODE		
D30			MA143A	DIODE		
D30			1SS302	DIODE		
D31			HZS6.2N(B2)	ZENER DIODE		
D31			MTZJ6.2(B)	ZENER DIODE		
D31			RD6.2ES(B)	ZENER DIODE		
D33			DAN217U	DIODE		
D33			MA143A	DIODE		
D33			1SS302	DIODE		
D42			HZS15N(B2)	ZENER DIODE		
D42			MTZJ15(B)	ZENER DIODE		
D42			RD15ES(B)	ZENER DIODE		
D43			HZS5.6N(B2)	ZENER DIODE		
D43			MTZJ5.6(B)	ZENER DIODE		
D43			RD5.6ES(B)	ZENER DIODE		
D44 -47			HSS104A	DIODE		
D44 -47			1SS133	DIODE		
ED1			HNV-12SM70	FLUORESCENT INDICATOR TUBE		
IC1			NJM4580ED	ANALOGUE IC		
IC2			TC7SET04FU	MOS-IC		
IC3			MM1568	MOS-IC		
IC5			UPD16311	MOS-IC		
IC6			TC74HCT7007AF	MOS-IC		
IC8	Δ		XC61CN4002MR	ANALOGUE IC		
IC9			XC6201P502PR	ANALOGUE IC		

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
 Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
 Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

DVF-N7080/N7080-S PARTS LIST

DVF-N7080/N7080-S PARTS LIST

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
△ IC11		*	SI-8050S(1109)	ANALOGUE IC		
IC12			BU2098F	MOS-IC		
△ IC13		*	SI-8033S(1109)	ANALOGUE IC		
△ IC14		*	SI-8120S(1109)	ANALOGUE IC		
IC15			NJM2580M	ANALOGUE IC		
IC17			TC7SH08FU	MOS-IC		
IC18		*	PIC16F630KW02	MICROCONTROLLER IC		
Q1 ,2			2SC4213(B)	TRANSISTOR		
Q5			2SC4081(R,S)	TRANSISTOR		
Q5			2SD1819A(Q,R)	TRANSISTOR		
Q6			2SA1576A(R,S)	TRANSISTOR		
Q6			2SB1218A(Q,R)	TRANSISTOR		
Q7			2SC4081(R,S)	TRANSISTOR		
Q7			2SD1819A(Q,R)	TRANSISTOR		
Q8			DTA124EUA	DIGITAL TRANSISTOR		
Q8			KRA303	DIGITAL TRANSISTOR		
Q8			UN5112	DIGITAL TRANSISTOR		
Q11			DTA124EUA	DIGITAL TRANSISTOR		
Q11			KRA303	DIGITAL TRANSISTOR		
Q11			UN5112	DIGITAL TRANSISTOR		
Q12 ,13			2SC4213(B)	TRANSISTOR		
Q14			2SC4081(R,S)	TRANSISTOR		
Q14			2SD1819A(Q,R)	TRANSISTOR		
Q16			2SC4081(R,S)	TRANSISTOR		
Q16			2SD1819A(Q,R)	TRANSISTOR		
Q17			DTC124EUA	DIGITAL TRANSISTOR		
Q17			KRC403	DIGITAL TRANSISTOR		
Q17			UN5212	DIGITAL TRANSISTOR		
Q19			2SC4081(R,S)	TRANSISTOR		
Q19			2SD1819A(Q,R)	TRANSISTOR		
Q20			2SA1286-T11	TRANSISTOR		
Q21			2SA954(L,K)	TRANSISTOR		
△ Q22			DTC124EUA	DIGITAL TRANSISTOR		
Q22			KRC403	DIGITAL TRANSISTOR		
Q22			UN5212	DIGITAL TRANSISTOR		
Q23			DTA124EUA	DIGITAL TRANSISTOR		
Q23			KRA303	DIGITAL TRANSISTOR		
Q23			UN5112	DIGITAL TRANSISTOR		
Q24			DTC124EUA	DIGITAL TRANSISTOR		
Q24			KRC403	DIGITAL TRANSISTOR		
Q24			UN5212	DIGITAL TRANSISTOR		
Q25 ,26			2SA1576A(R,S)	TRANSISTOR		
Q25 ,26			2SB1218A(Q,R)	TRANSISTOR		
Q27 ,28			2SC4213(B)	TRANSISTOR		
A1			W02-2998-05	OSCILLATING MODULE		
A2			W02-2769-05	ELECTRIC CIRCUIT MODULE		

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DVF-N7080/N7080-S

SPECIFICATIONS

[Type]

System DVD video player
Signal read system Semiconductor laser

[Laser section]

Laser wave length For DVD; 635 to 665 nm
For CD; 770 to 810 nm
Laser power class Class 2 (IEC)

[Audio section]

Frequency response
Sampling frequency ; 44.1 kHz 4 Hz ~ 20 kHz
Sampling frequency ; 48 kHz 4 Hz ~ 22 kHz
Signal to noise ratio More than 96 dB
Dynamic range More than 94 dB
Total harmonic distortion Less than 0.005 % (1 kHz)
Channel separation More than 90 dB (1 kHz)
Wow and flutter Below measurable limit
Analog output level/impedance 2 V / 1.1 k Ω
Digital output level/impedance
COAXIAL 0.5 Vp-p / 75 Ω
OPTICAL -21 dBm ~ -15 dBm (Wave length 660 nm)

[Video Section]

Video output format NTSC/PAL
Composite video output level 1 Vp-p (75 Ω)
S-video output level
(Y-signal) 1 Vp-p (75 Ω)
(C-signal)
NTSC 0.286 Vp-p (75 Ω)
PAL 0.300 Vp-p (75 Ω)
Component Video output level
(Y-signal) 1 Vp-p (75 Ω)
(Cb-signal) 0.7 Vp-p (75 Ω)
(Cr-signal) 0.7 Vp-p (75 Ω)
RGB output level (SCART) 0.7 Vp-p (75 Ω)
Horizontal resolution More than 500 lines
Video signal to noise ratio More than 67 dB

[General]

Power consumption 25 W
Standby power consumption Less than 0.3 W
Dimensions W : 440 mm (17-5/16)
H : 55 mm (2-3/16)
D : 396 mm (15-5/8)
Weight (net) 5.0 kg (11.0 lb)



KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

- Sufficient performance may not be exhibited at extremely cold locations (Where water freezes).