

MONITOR WITH DVD RECEIVER

DDX7019/7029/7029Y/7039

DDX8019/8029/8029Y/8039

DNX7100/710EX/7200

SERVICE MANUAL(REVISED)

KENWOOD

Kenwood Corporation

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B53-0588-00 (N) 519

LCD Display and the following electric units changed:

VIDEO CONTROL UNIT

(X14-985x-xx) → (X15-101x-xx/112x-xx)

VIDEO UNIT

(X35-4730-10) → (X35-4840-10/4920-10)

DIGITAL I/O UNIT

(X88-2020-12/15) → (X88-2020-18/19)

This service manual publishes information only in the change parts.

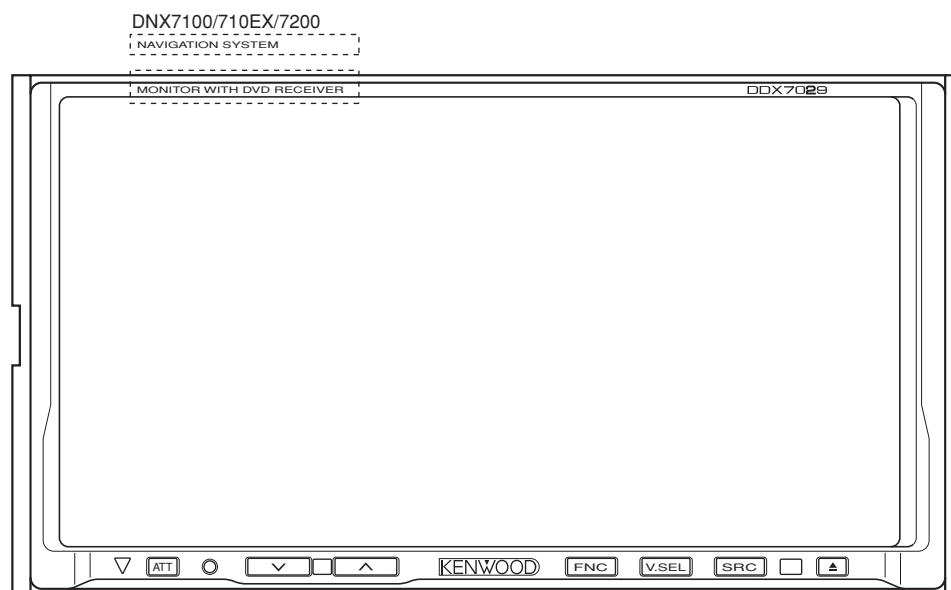
Please refer to the original service manual for other electric units and various explanations.

The IC106 in the DIGITAL I/O UNIT (X88-2020-18/19) is not a replaceable component.
In case of defective of this IC, replace the entire unit (X88-2020-18/19).

Corresponding S/No.		
Model	Desti.	S/No.
DDX7019 DDX8019	K	70900201~
DDX7039 DDX8039	R	70900351~
DDX7029 DDX7029Y DDX8029 DDX8029Y	E	V0900001~
DDX7029*1	E	V1100001~
DDX7039/M DDX8039	M X	V0900001~
DDX7039 DDX8039	V*2	V0900451~
DDX7039TJ4	M	V7900001~
DNX7100 DNX710EX	K	70902061~
DNX7200	E	V0803901~V0804000 V0900431~
DNX7200AN4	M	V7900001~

*1Made in France

*2China sales only



Illustrations is DDX7029

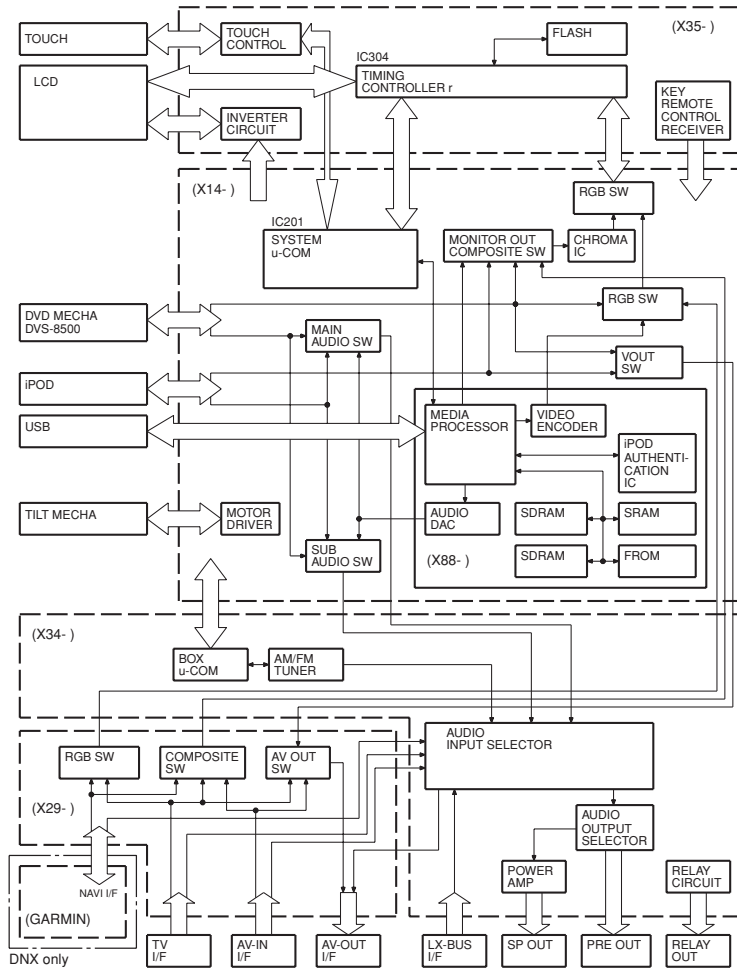


This product uses Lead Free solder.

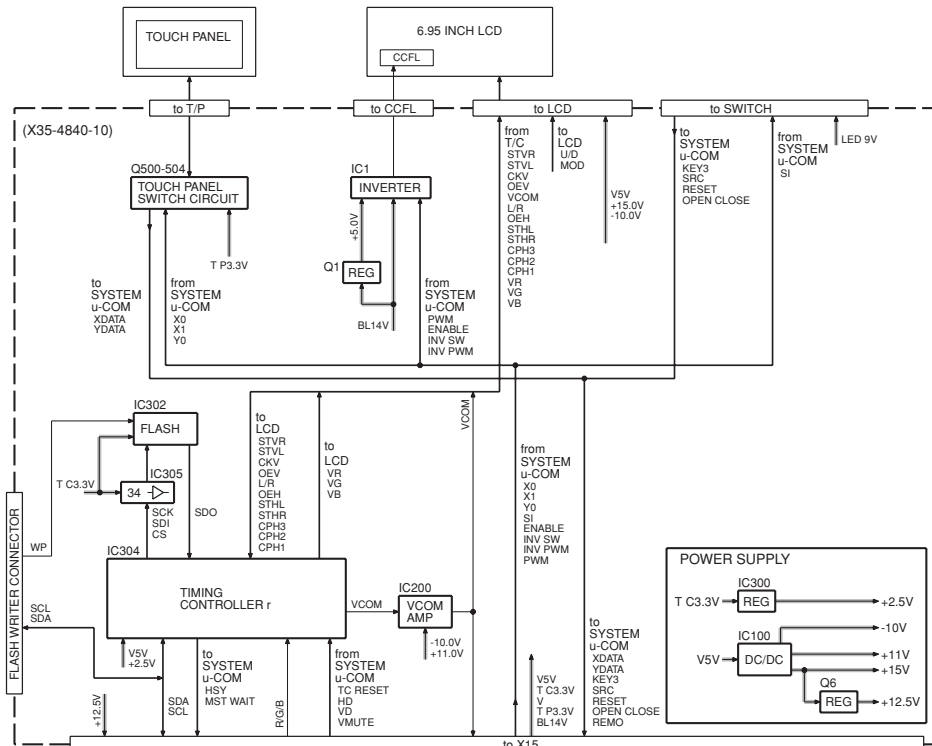
This product complies with the **RoHS** directive for the European market.

BLOCK DIAGRAM

UNIT



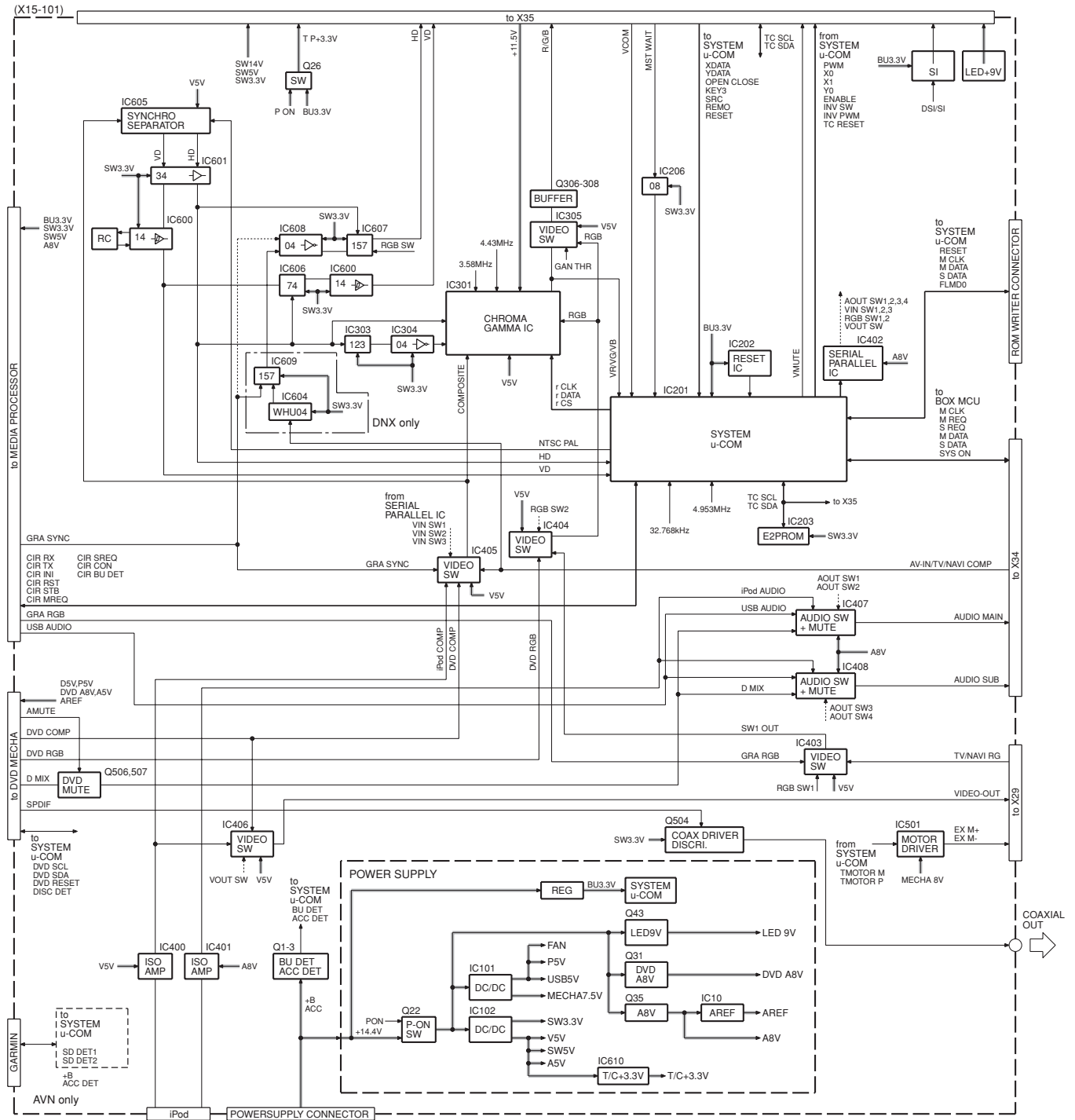
X35-480



DDX7019/7029/7029Y/7039/8019/8029/8029Y/8039 DNX7100/710EX/7200

BLOCK DIAGRAM

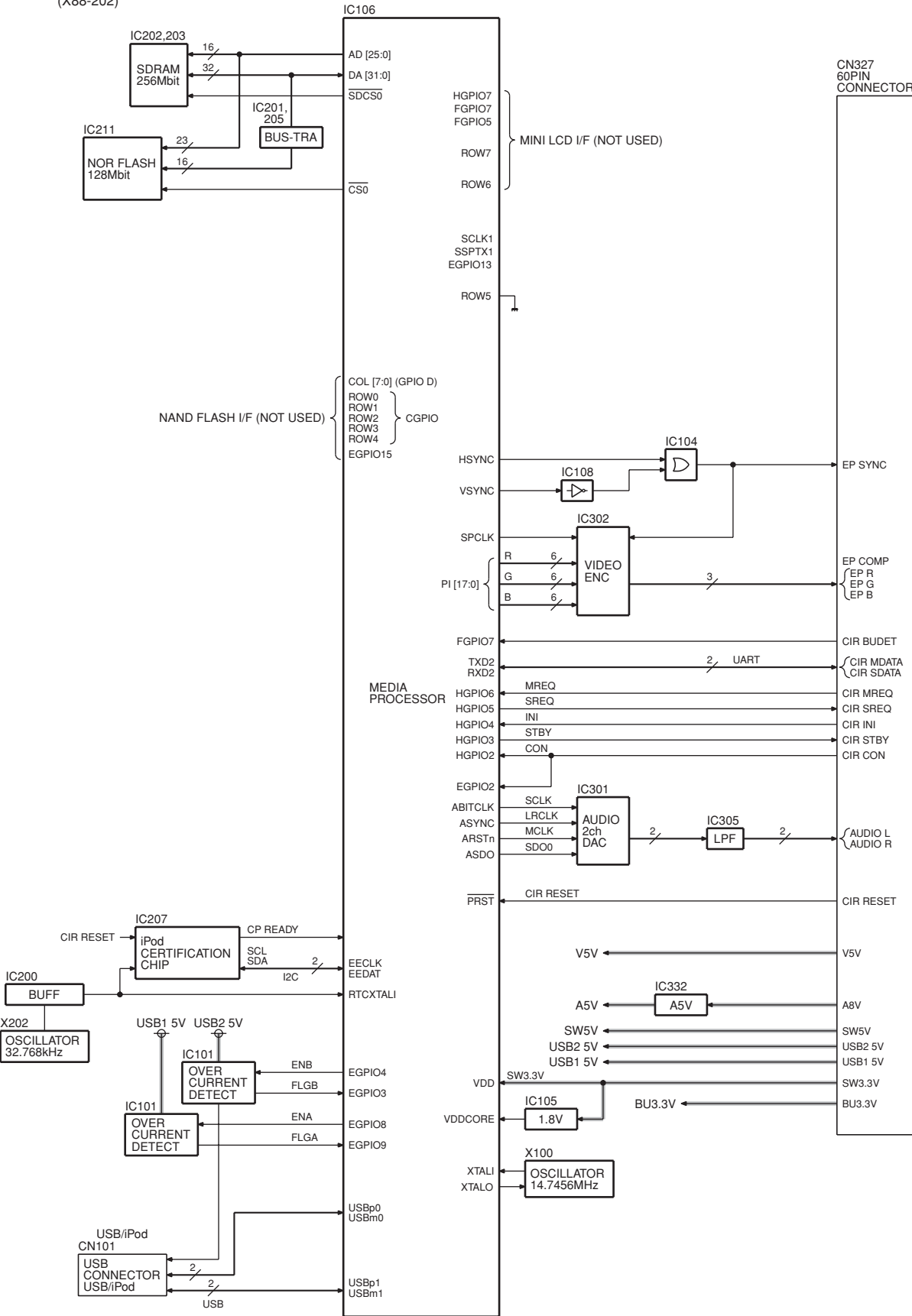
X15-101



BLOCK DIAGRAM

X88-202

(X88-202)



COMPONENTS DESCRIPTION

● VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	3.3V regulator	BU_3.3V
IC10	OP AMP	AREF power supply (4V)
IC101	DC-DC control IC	DC-DC control (Mechanism 8V, V5V)
IC102	DC-DC control IC	DC-DC control (SW3.3V, D5V)
IC201	MPU	System μ -com
IC202	Reset IC	Reset IC
IC203	E2MROM	Save settings.
IC205	AND	Inverter PWM buffer
IC206	AND	5V \rightarrow 3.3V level conversion
IC301	Chroma gamma	Chroma gamma
IC303	Monostable multivibrator	HSYNC delay
IC304	INVERTER	HSYNC delay
IC305	Video switch	γ _RGB or RGB through
IC400	VIDEO ISO AMP	iPod video signal
IC401	AUDIO ISO AMP	iPod audio signal
IC402	Serial/parallel conversion	Extension of μ -com port
IC403	Video switch	X34 RGB or Graphic RGB
IC404	Video switch	IC403 RGB or DVD RGB
IC405	Video switch	iPod or DVD or Graphic or X34 composite signal
IC406	Video switch	For AV OUT (To X34)
IC407	Audio selector	MAIN
IC408	Audio selector	SUB
IC501	Motor driver	Panel
IC502	INVERTER	Remote controller signal waveform shaping
IC600	3-circuit INVERTER	HD and VD wave form shaping
IC601	3-circuit NON INVERTER	HD and VD wave form shaping
IC604	3-circuit INVERTER	C.SYNC level conversion
IC605	Sync separation	Countdown built-in sync separation
IC606	D flip flop	HD delay
IC607	2-channel multiplexer	HD changing
IC608	INVERTER	Logic reverse
IC609	2-channel multiplexer	C.SYNC changing
IC610	3.3V regulator	TC3.3V
Q1	SW	ACC_DET detection circuit
Q2~Q10	SW	BU_DET detection circuit
Q13	Short protection	BU power supply regulator (8.5V)
Q14	8.5V regulator	BU power supply regulator (8.5V)
Q15~Q17	8.5V regulator control	BU power supply regulator (8.5V)
Q19~21	SW	P-ON 14V control
Q22	SW FET	P-ON 14V ON/OFF

COMPONENTS DESCRIPTION

Ref. No.	Application / Function	Operation / Condition / Compatibility
Q23,24	Emitter follower	Analogue power supply reference circuit
Q25,26	SW	T_P3.3V switch
Q31~Q34	8V regulator control	DVD A8V regulator
Q35	8V regulator	A8V regulator
Q36~Q38	8V regulator control	A8V regulator
Q43	9V regulator	LED9V regulator
Q44~Q46	9V regulator control	LED9V regulator
Q101	SW	DC-DC output voltage switching
Q103,106, Q108,111	SW	DC-DC protection control
Q104	SW	DC-DC SW FET (5V or 7.5V)
Q105	SW	DC-DC SW FET (5V)
Q109	SW	DC-DC SW FET (3.3V)
Q110	SW	DC-DC SW FET (5V)
Q201	SW	μ-com reset SW
Q203	SW	KEY RESET
Q204,205	SW	SI
Q206,207	SW	LED SW
Q301	Buffer	Composite signal
Q306	Buffer	RGB Signal_R
Q307	Buffer	RGB Signal_G
Q308	Buffer	RGB Signal_B
Q401	Buffer	Graphic SYNC
Q501	SW	KEY RESET
Q502	Buffer	ACC_DET/KEY RESET delay
Q504	Buffer	SPDIF signal
Q505	SW	ACC_DET/KEY RESET delay
Q506	MUTE	DVD MUTE (Lch)
Q507	MUTE	DVD MUTE (Rch)
Q508	Buffer	Remote control signal
Q509	SW	DVD MUTE control
Q600,601	SW	Disc slot LED control
Q602	Buffer	SYNC buffer
Q604,605	SW	NTSC/PAL detection SW

● VIDEO UNIT (X35-4840-10/4920-10)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	Inverter control IC	Control and drive of the inverter circuit for the back light
IC100	DC/DC converter IC	+12.5V power supply for VCOM amplifier and -12.0V/+18.5V power supply for LCD
IC102	Mono-multi	Delay 5V power supply for DC/DC IC
IC103	NOT	Reverse

COMPONENTS DESCRIPTION

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC200	OP AMP	VCOM amplifier
IC300	2.5V regulator	Power supply for MST
IC302	Serial flash (2M)	Flash memory for MST
IC304	T/C γ OSD IC	Control of LCD module
IC305	Buffer	5V \rightarrow 3.3V level conversion
Q1	5V constant voltage	5V power supply for inverter control IC
Q2,3	Inverter driver	Drive the inverter circuit
Q4	Dimmer SW	Turn on or off in response to the PWM control signal to dimmer the back light
Q5	Inverter frequency changing switch	SW to switch the free run frequency for inverter control IC
Q6,7	Buffer	12.5V regulator
Q200,202	Buffer	For VCOM current amplification
Q203	Buffer	For VCOM automatic adjustment
Q300,301	3.3V \rightarrow 5V level conversion	MST_RESET
Q500	Touch panel X1 SW	X1 SW: Turn on in response to detection of the panel touch or X axis input and apply voltage
Q501	Touch panel X0 SW	X0 SW: Turn on in response to X axis input and apply voltage
Q502	Touch panel Y1 SW	Y1 SW: Turn on in response to Y axis input and apply voltage
Q503	Touch panel Y0 SW	Y0 SW: Turn on in response to Y axis input and apply voltage
Q504	Touch panel Y0/Y1 SW	Y0/Y1 SW: Turn on in response to Y axis input and off in response to X axis input

● DIGITAL I/O UNIT (X88-2020-18/19)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC100	Fixed Current Limit Power Distribution Switch	Large current distribution switch for USB1
IC101	Fixed Current Limit Power Distribution Switch	Large current distribution switch for USB2
IC104	Exclusive OR Gate	EP_SYNC (composite sync) output
IC105	Low Dropout Voltage Linear Regulator	SW3.3V \rightarrow 1.8V (for EP93071RZ)
IC106	System-On-Chip Processor	Media Processor
IC108	Inverter	E_HSYNC Buffer
IC200	Triple Inverter	Sub Clock Buffer
IC201	Octal Bus Transceiver	Flash Memory data line switching (DA0~7)
IC202,203	SDRAM 256Mbit	SDRAM for work memory
IC205	Octal Bus Transceiver	Flash Memory data line switching (DA8~15)
IC207	iPod Authentication Coprocessor	iPod Authentication
IC211	NOR Flash Memory 128Mbit	Flash Memory for program data and graphic data
IC301	Stereo DAC	Audio signal digital/analog converter
IC302	Color TV signal encoder	Graphic signal digital/analog converter
IC305	Dual OP-Amp. (LPF)	Stereo DAC Output LPF
IC332	Low Dropout Voltage Regulator	A8V \rightarrow A5V (for Stereo DAC and LPF)

ADJUSTMENT

1. Flicker adjustment

● Condition (same condition as it is used in the previous models)

Video Source: VIDEO
Video: Luster white 30%~50%
BRIGHT: MAX
MODE: ZOOM

● Adjustment procedure

- ① Display luster white 30%~50%.
- ② Place a flicker adjustment jig to the monitor and observe the waveform with an oscilloscope.
- ③ Turn VR200 and adjust it to make the amplitude of the waveform to minimum.



Oscilloscope range: 20mV, 0.5mS

● Note

- ① In checking the screen after the adjustment, shake the monitor up and down in order to confirm that the screen does not flicker. (This check is also carried out on the 07 model.)
- ② Noise due to AC200V can be observed in the flicker adjustment jig and oscilloscope, and thus carefully set up the power supply and GND of the jig and oscilloscope.
* In the 07 model, GND of the measurement equipment has been floated.

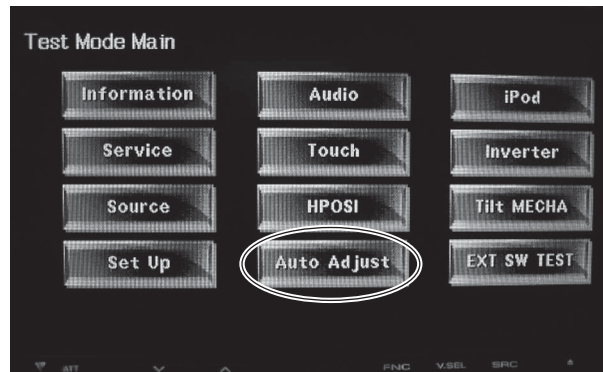
2. Automatic adjustment of RGB amplitude and WB VCOM amplitude

● Adjustment requirement

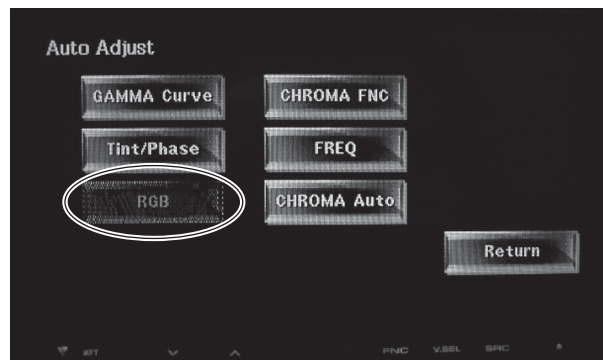
Input signal: Input white 100% (NTSC) in VIDEO1

● Adjustment method

- ① Press Auto Adjust on the Test Mode Main screen.



- ② Press RGB on the Auto Adjust screen.



- ③ After the automatic adjustment, "Auto Set OK" will be shown to indicate the completion of the adjustment

ADJUSTMENT

3. TINT/PHASE adjustment

- **Adjustment requirement.** The adjustment is required to the model for PAL regions (other than K and R)

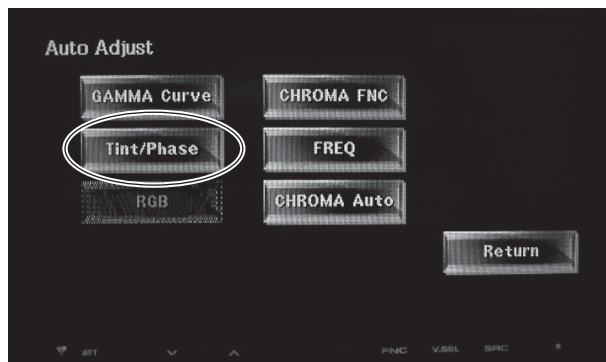
Input signal: Input magenta (PAL) in VIDEO1.

- **Adjustment method**

- ① Press Auto Adjust on the Test Mode Main screen.



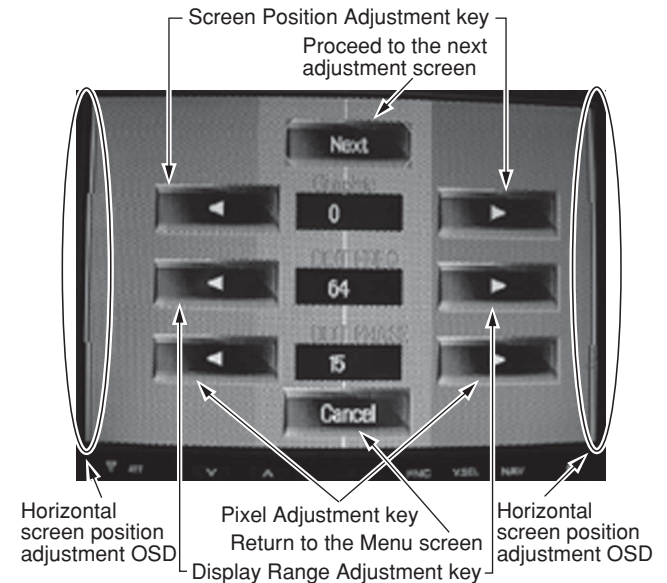
- ② Press Tint/Phase on the Auto Adjust screen.



- ③ After the automatic adjustment, complete the adjustment by confirming that "Auto Set OK" is displayed and that no flickering or horizontal stripes are observed on the magenta.

4. Adjustment of Horizontal display start position and Pixel

- GRAPHIC Adjustment screen



Screen Position Adjustment key (HPOSI): Adjustment of horizontal display starting position of the entire screen (Default: 0)

Display Range Adjustment key (DOT_FREQ): Adjustment of horizontal display range of the video (Default: 64)

Pixel Adjustment key (DOT_PHASE): Adjustment of horizontal display position of pixel (Default: 15)

Video on the Adjustment screen

GRAPHIC: Special screen used only for adjustment (See below)

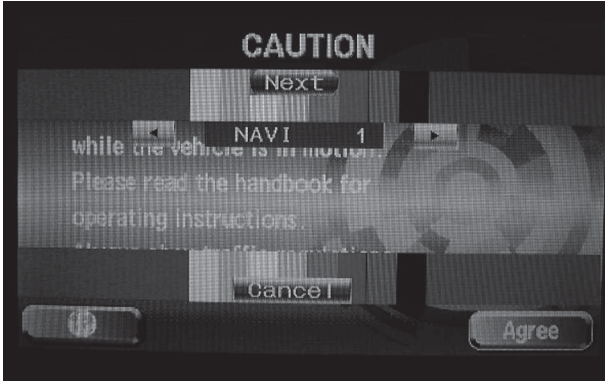
DNX_NAVI: Special screen used only for adjustment of GARMIN (See below)

DDX_NAVI: Input KNA-DV3200 or KNA-G520.

* Adjustment screen changes as the connected NAVI.

ADJUSTMENT

- NAVI Adjustment screen
 DDX



● Adjustment procedure

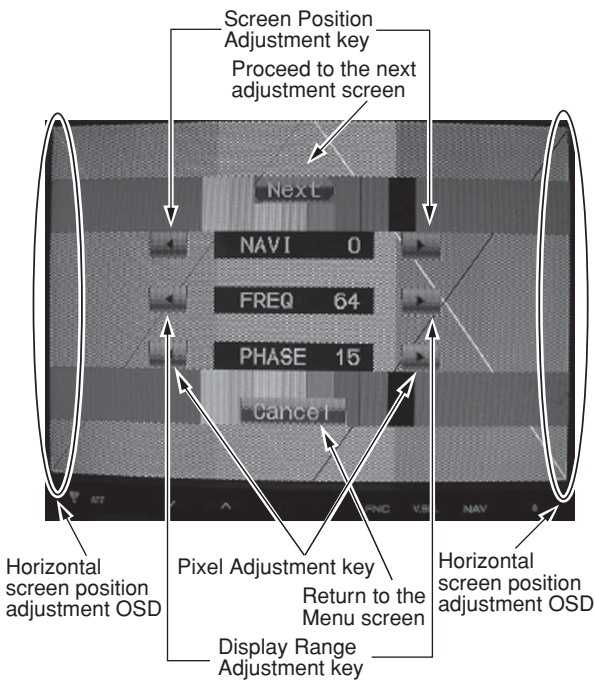
- ① Press HPOSI on the Test Mode Main screen.



DNX

Procedure to display NAVI adjustment screen

- ① Start the set.
- ② Connect special jig on MINI_USB of NAVI.



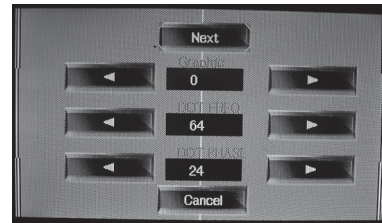
- ② Adjust the horizontal display start position for 2 types of the display; Graphic and NAVI.

②-1 Graphic:

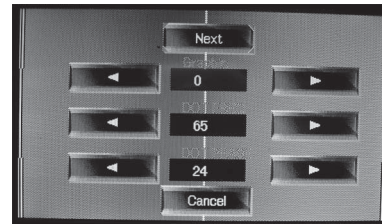
At first, adjust the Screen Position Adjustment key so that the NAVI screen becomes horizontally symmetrical. Then, adjust the Display Range Adjustment key so that there is no vertical black stripes (blur) on the screen. Then, adjust the Pixel Adjustment key so that the screen becomes gray

- Adjustment of display range: GRAPHIC

OK



NG

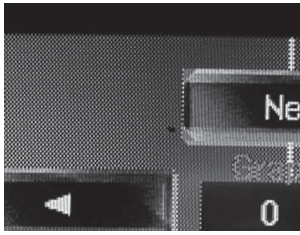


Enlarge OK



ADJUSTMENT

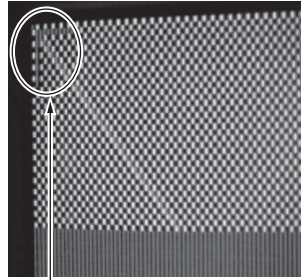
Enlarge NG



Adjustment of screen position: DNX_NAVI

Left side

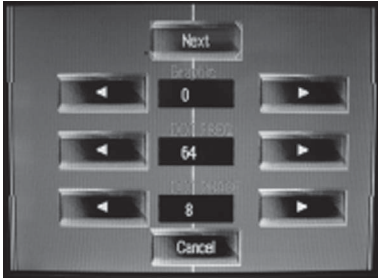
OK



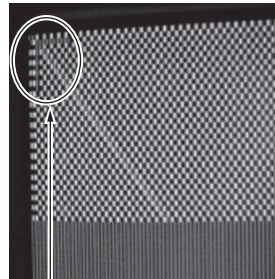
1st White dot can be seen on the left side

• Pixel Adjustment: GRAPHIC

OK

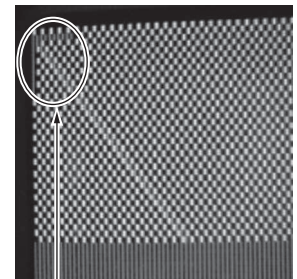


NG



2nd White dot can be seen on the left side

NG



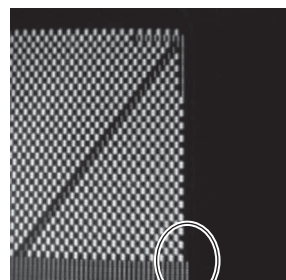
Move an arrow symbol to left side

NG



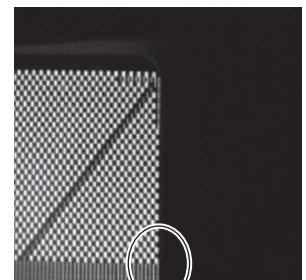
Right side

OK



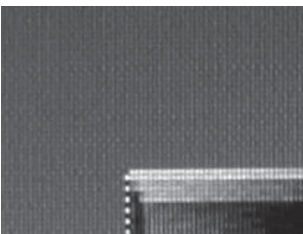
A space of 1 dot can be seen

NG

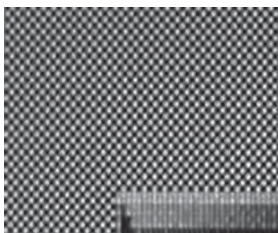


No good to align to right side

Enlarge OK

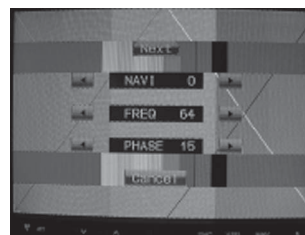


Enlarge NG

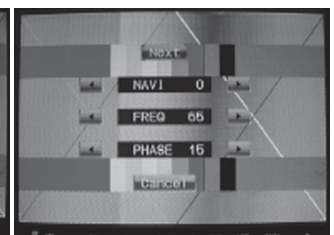


Adjustment of display range: DNX_NAVI

OK



NG

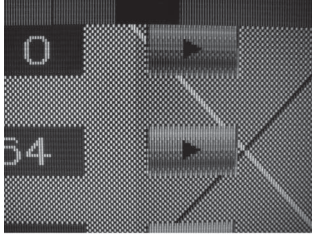


②-2-1 DNX_NAVI:

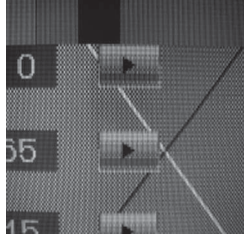
At first, adjust the screen position adjustment key so that the NAVI screen becomes horizontally symmetrical.
Then, adjust the display range adjustment key so that there is no vertical black stripes (blur) on the screen.
Then, adjust the pixel adjustment key so that the screen becomes gray.

ADJUSTMENT

Enlarge OK

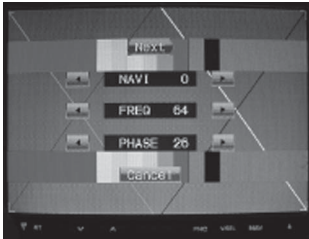


Enlarge NG



Adjustment of pixel: DNX_NAVI

OK

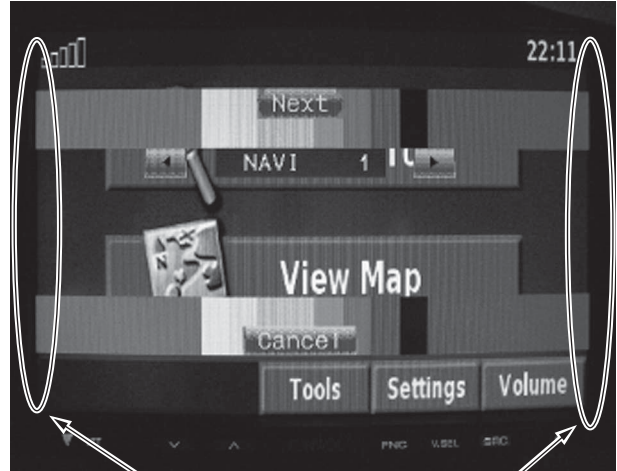


NG



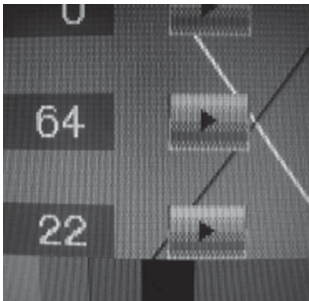
②-2-3 DDX_NAVI KNA-G520

1. Set to "1" (default "0").
2. Adjust the screen adjustment key so that the NAVI screen becomes horizontally symmetrical.

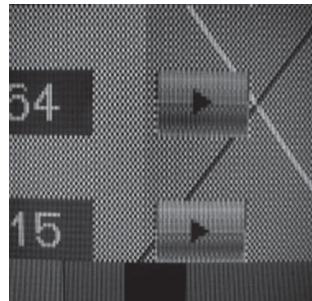


Adjust the space to horizontal symmetry

Enlarge OK



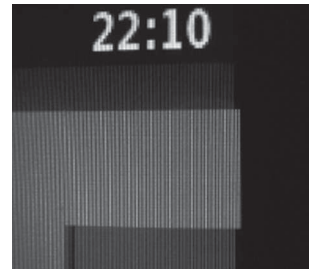
Enlarge NG



Enlarge OK

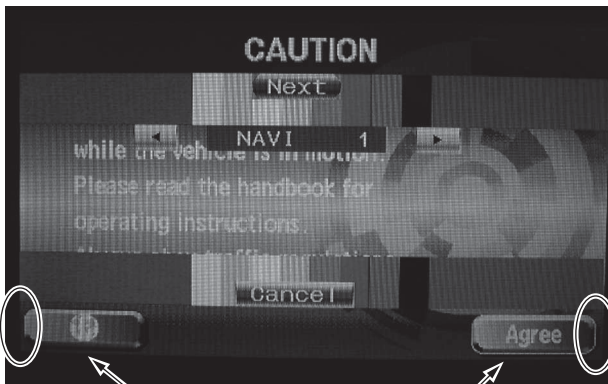


Enlarge OK



②-2-2 DDX_NAVI KNA-DV3200

Adjust the screen adjustment key so that the NAVI screen becomes horizontally symmetrical.



Adjust the screen such that KEY (gap) at the right and left sides becomes symmetrical

Confirmation after Adjustment

After the adjustment, confirm that the screen is horizontally symmetrical.

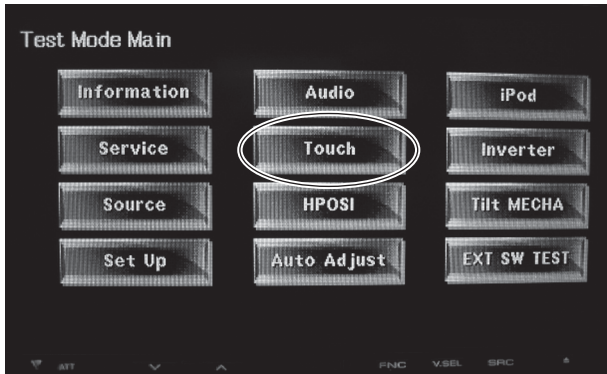
The "HPOSI OK" will be shown to indicate the completion of the adjustment.

ADJUSTMENT

5. Touch panel adjustment

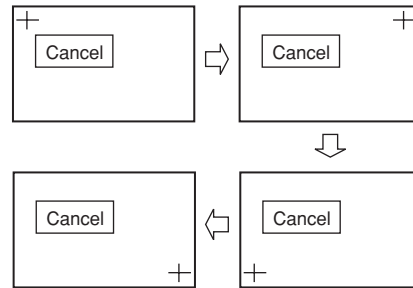
● Adjustment procedure

- ① Press the Touch key on the Test Mode Menu screen to enter the Touch Panel Adjustment screen.



- ② Touch the center of “+” mark below in the following order:
 Upper left → Upper right → Lower left → Lower right
 When touching the screen, make sure to use the designated touch stick.

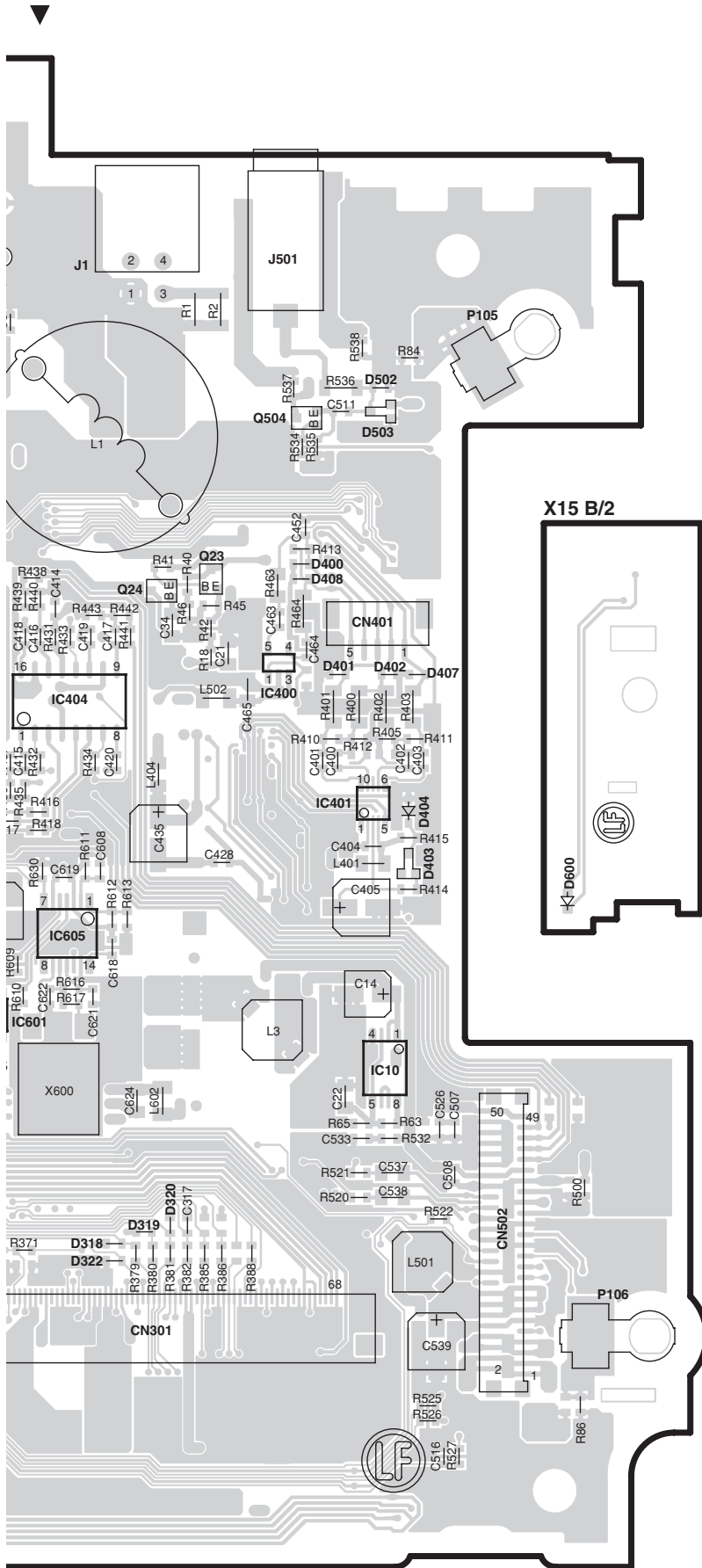
- ③ After adjustment is completed at 4 corners and if “Write OK” is displayed, the adjustment is completed.
 Press Return to exit from the Touch Adjustment screen.



* If the center of “+” mark wasn’t pressed accurately, press Cancel to start over the adjustment.

Note

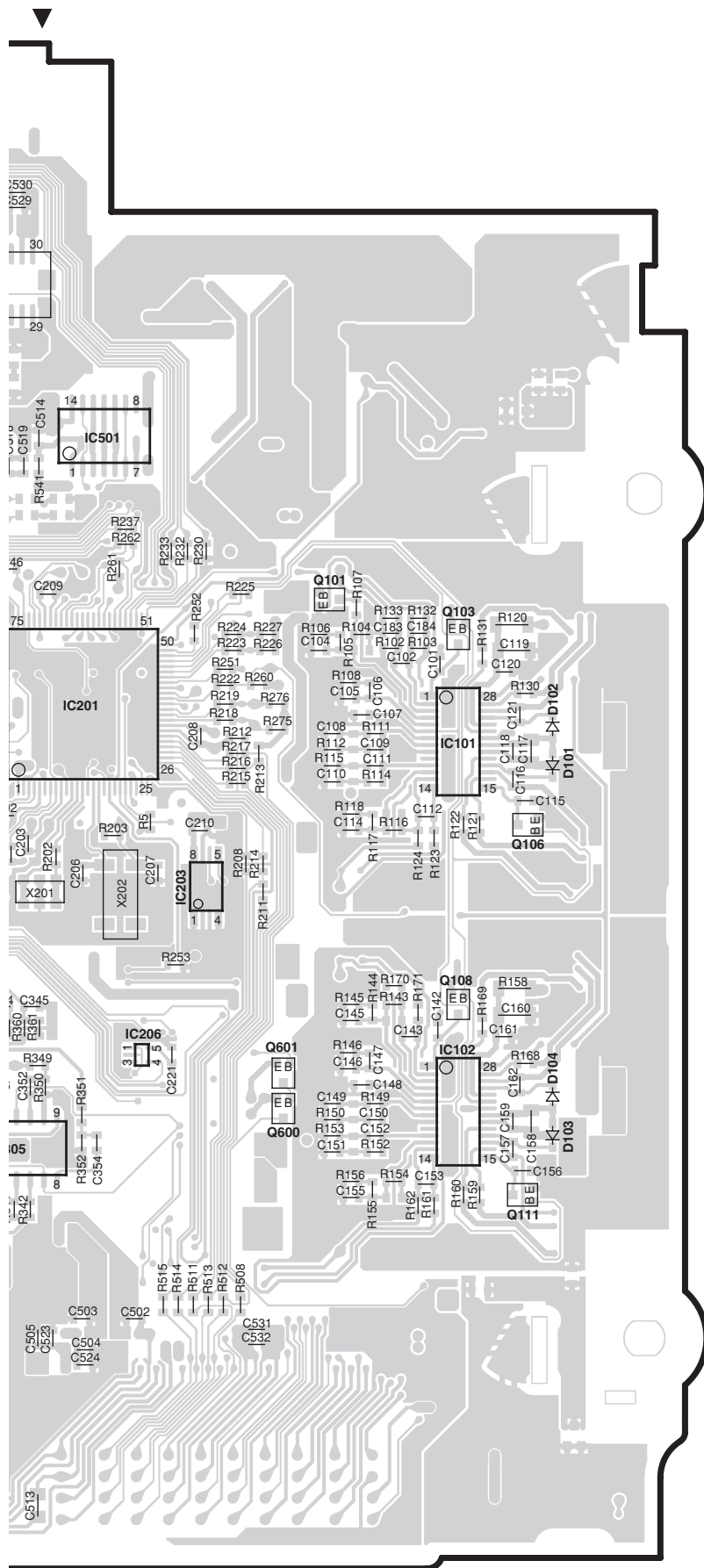
The touch panel adjustment data is finalized when the touch stick is released from the mark.
 Therefore, the knack for the adjustment is not to release the touch stick away from the mark right after touching the center of the “+” mark, but to vertically and quickly release the stick away from the mark after confirming that the stick is exactly on the center of the “+” mark while keeping touching the screen (if the stick is not exactly on the center, move the stick onto the center while keeping touching the screen).



X15-101x-xx/112x-xx

Ref. No.	Address	Ref. No.	Address
IC1	3D	Q15	2C
IC10	5G	Q16	2C
IC202	4C	Q17	2C
IC205	3C	Q19	2D
IC301	5D	Q20	3D
IC303	5E	Q21	2D
IC304	5E	Q22	2D
IC400	4G	Q23	3F
IC401	4G	Q24	3F
IC403	4E	Q25	3D
IC404	4F	Q104	3B
IC405	4D	Q105	4B
IC406	3D	Q109	5B
IC601	5E	Q110	6B
IC604	4E	Q201	4C
IC605	5F	Q203	4C
Q2	2B	Q204	4D
Q3	2B	Q205	4D
Q4	3B	Q306	6D
Q5	3B	Q307	6D
Q6	3B	Q308	6D
Q7	3B	Q401	3E
Q8	3B	Q501	3D
Q9	2B	Q502	3D
Q10	2B	Q504	3G
Q13	3C	Q505	3D
Q14	3C		

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



X15-101x-xx/112x-xx

Ref. No.	Address	Ref. No.	Address
IC101	4Q	Q36	4M
IC102	5Q	Q37	4M
IC201	4P	Q38	3M
IC203	4P	Q43	5M
IC206	5P	Q44	5M
IC305	5O	Q45	5M
IC402	4N	Q46	5M
IC407	4M	Q101	3Q
IC408	4M	Q103	3Q
IC501	3P	Q106	4R
IC502	5L	Q108	5Q
IC600	6N	Q111	6Q
IC606	5N	Q206	5M
IC607	5N	Q207	5M
IC608	5N	Q301	5O
IC609	4N	Q506	6L
IC610	7M	Q507	6M
Q1	3M	Q508	5L
Q26	3O	Q509	6L
Q31	4M	Q600	5Q
Q32	5M	Q601	5Q
Q33	5M	Q602	4N
Q34	5M	Q604	5N
Q35	3M	Q605	5N

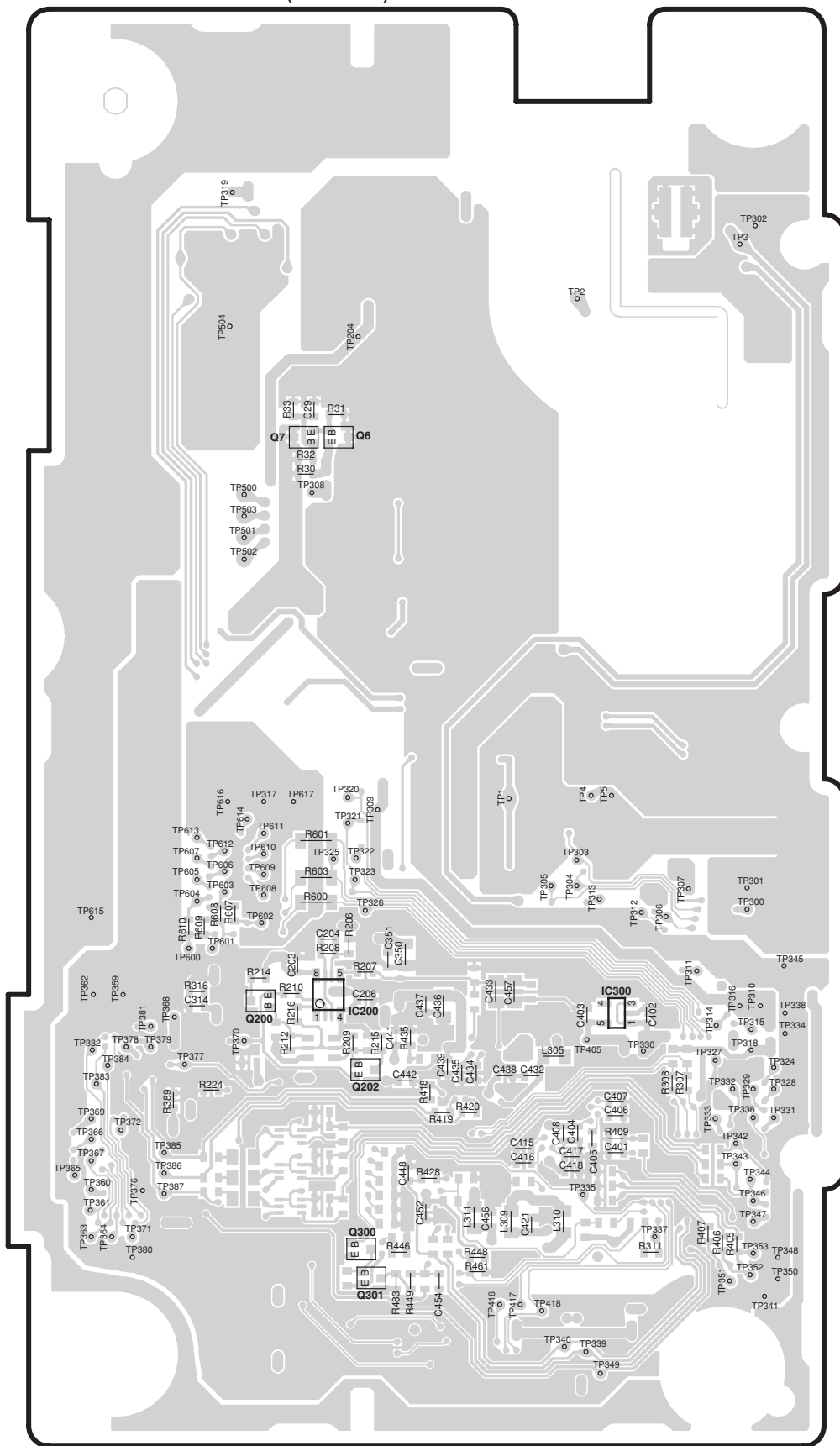
Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

VIDEO UNIT X35-4840-10/4920-10 (J76-0466-02)

X35-4840-10/4920-10

Ref. No.	Address
IC200	5AB
IC300	5AC
Q6	3AB
Q7	3AB
Q200	5AB
Q202	6AB
Q300	6AB
Q301	6AB

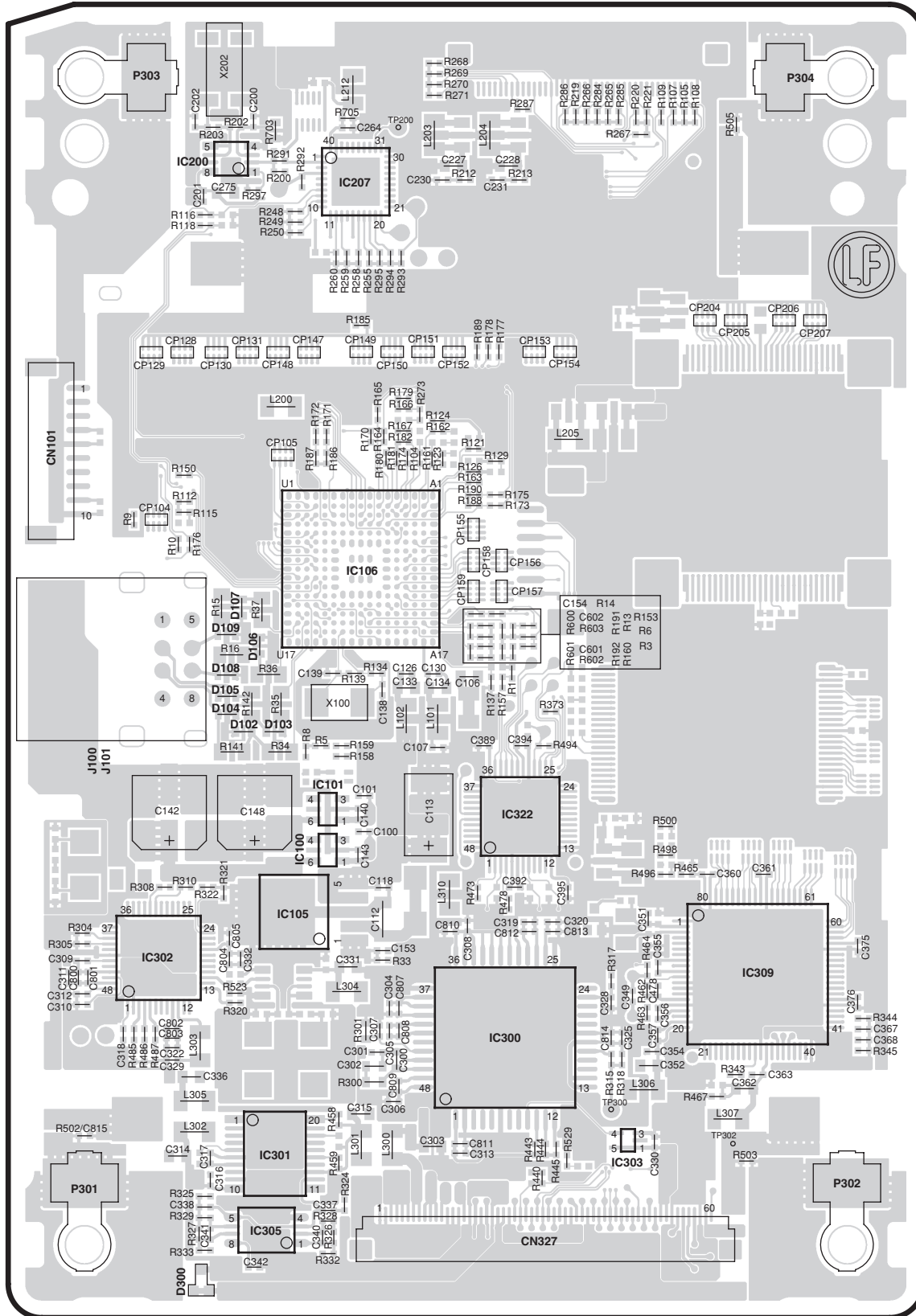


Refer to the schematic diagram for the values of resistors and capacitors.

DDX7019/7029/7029Y/7039/8019/8029/8029Y/8039
 DNX7100/710EX/7200

PC BOARD (COMPONENT SIDE VIEW)

DIGITAL I/O UNIT X88-2020-18/19 (J76-0394-42)



X88-2020-18/19

Ref. No	Address
IC100	5AF
IC101	5AF
IC105	5AF
IC106	4AF
IC200	2AF
IC207	2AF
IC301	6AF
IC302	5AF
IC305	6AF

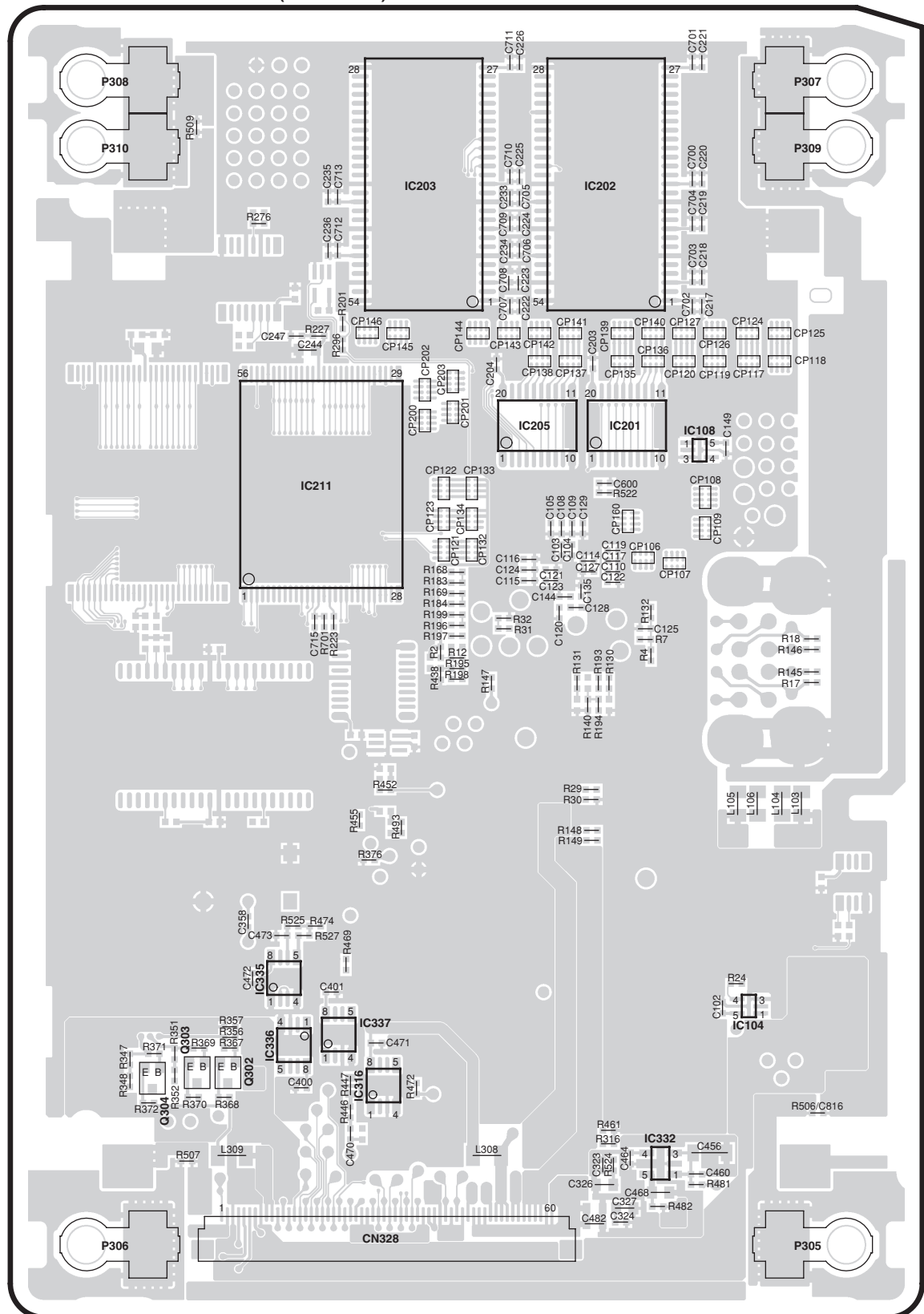
Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

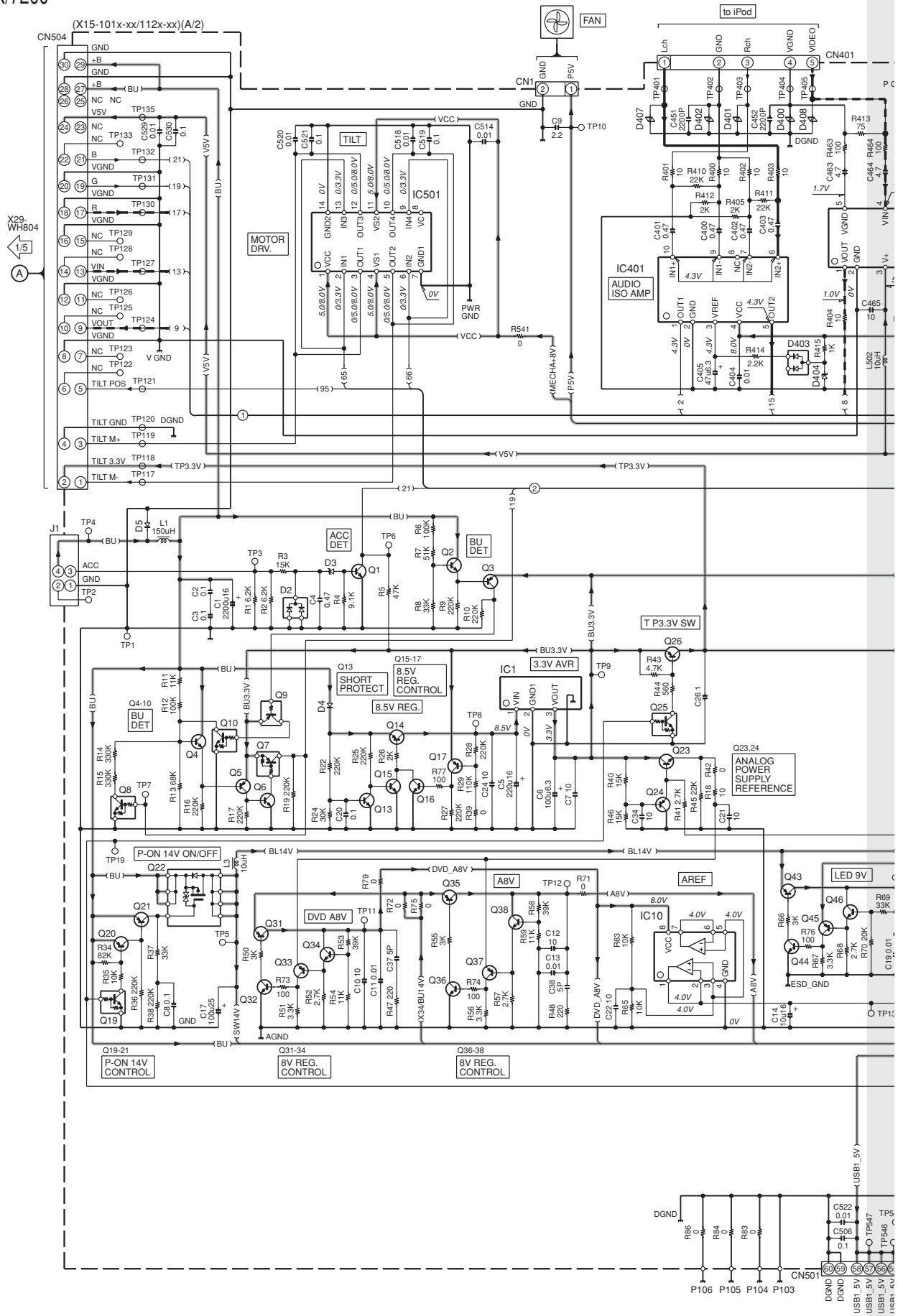
DIGITAL I/O UNIT X88-2020-18/19 (J76-0394-42)

X88-2020-18/19

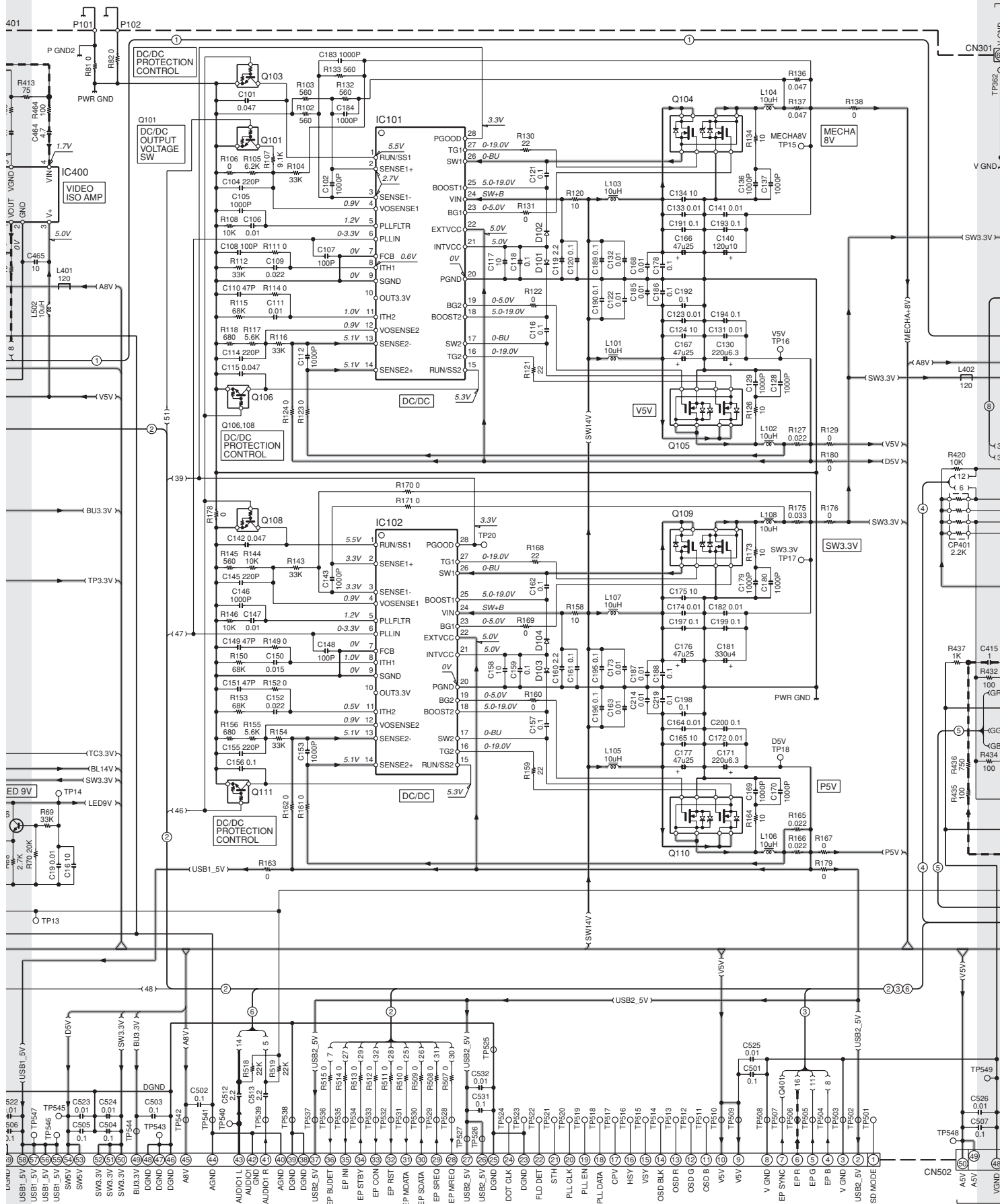
Ref. No	Address
IC104	6AM
IC108	3AM
IC201	3AM
IC202	2AM
IC203	2AL
IC205	3AL
IC211	3AL
IC332	6AM



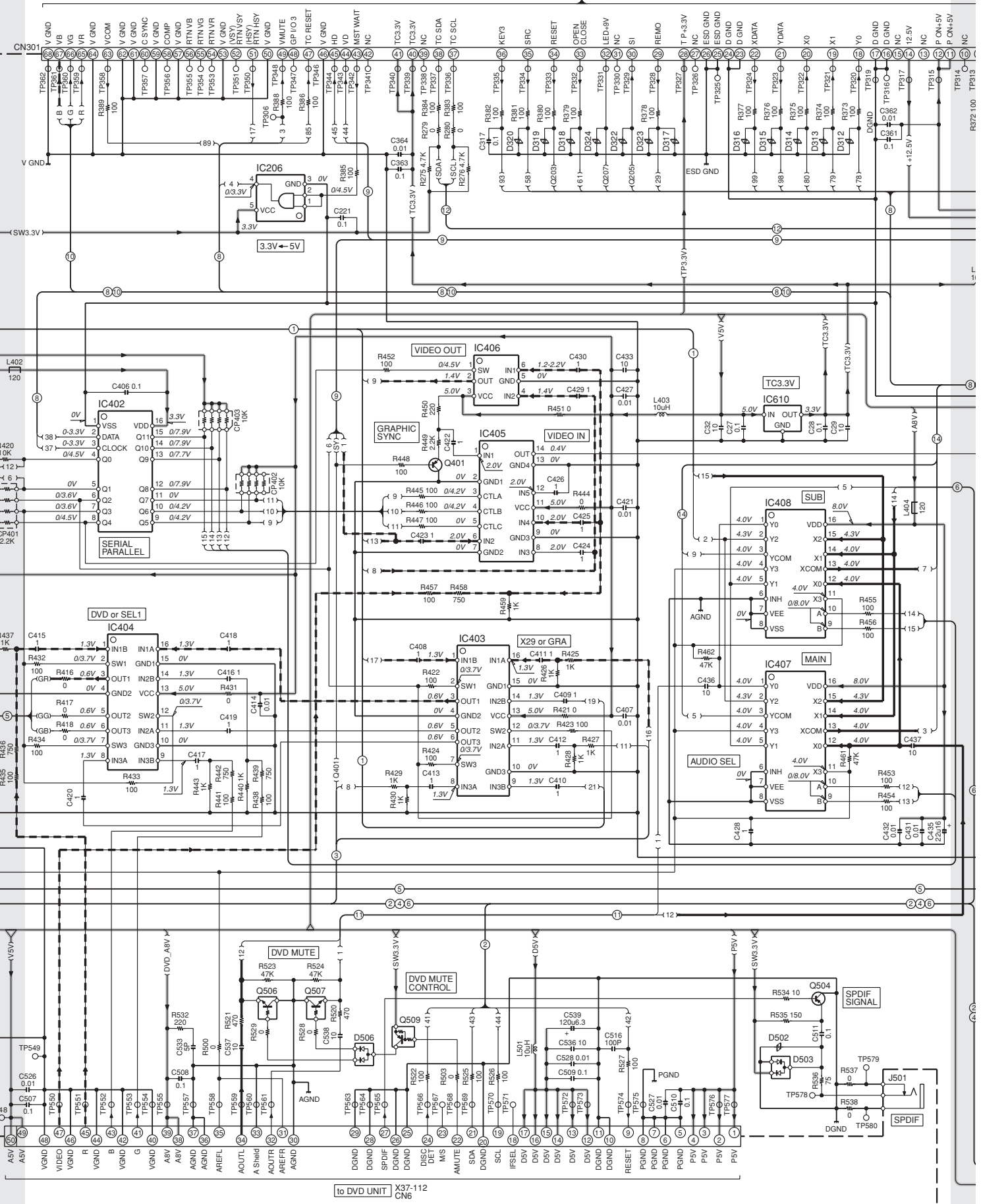
Refer to the schematic diagram for the values of resistors and capacitors.

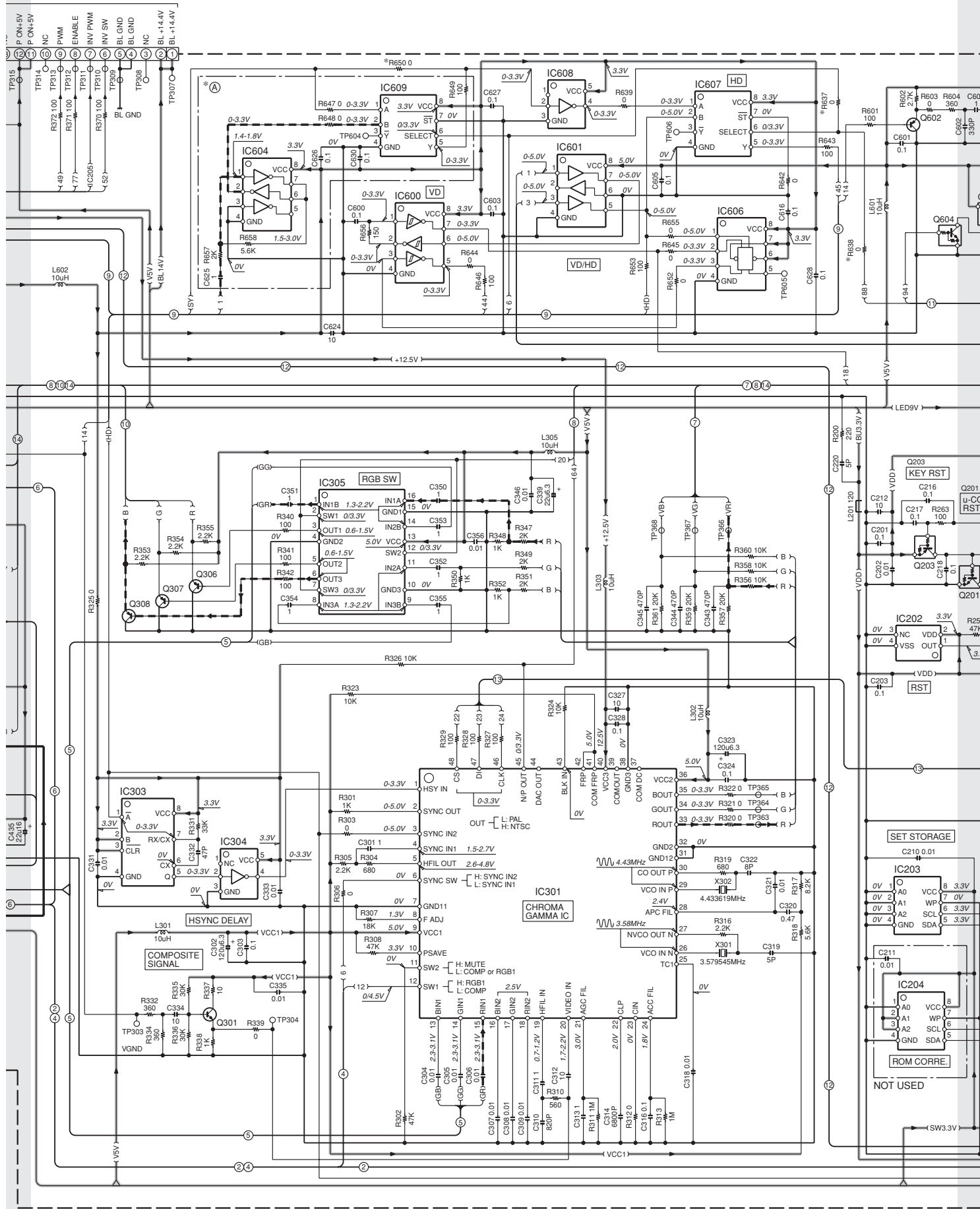


DDX7019/7029/7029Y/7039/8019/8029/8029Y/8039
DNX7100/710EX/7200



X88-CN328

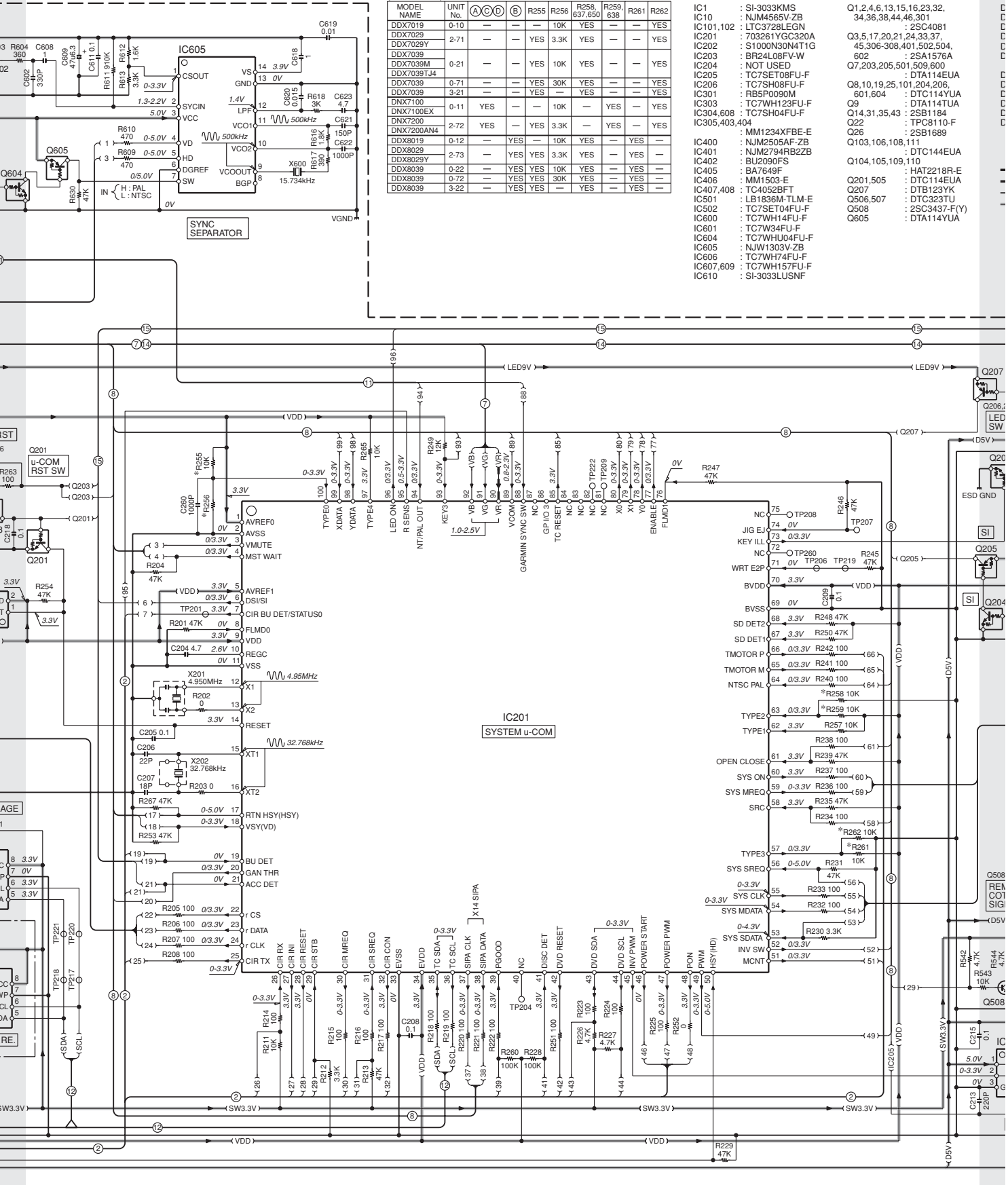




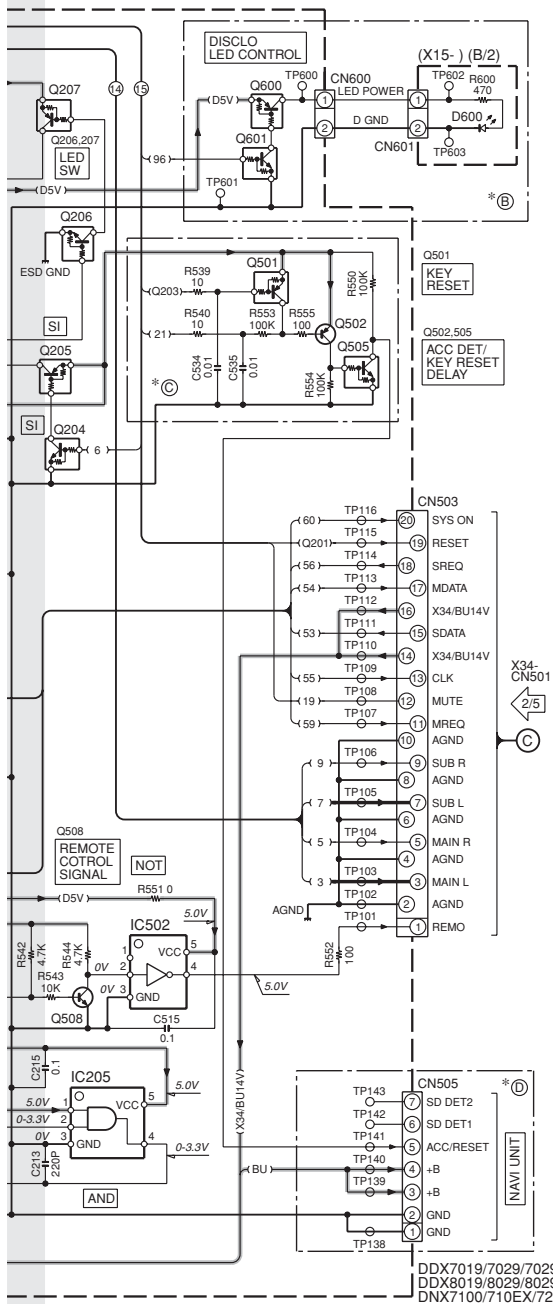
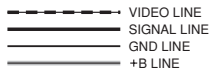
(X15-101x-xx)

MODEL NAME	UNIT No.	(A)	(C)	(D)	(B)	R255	R256	R258, 637, 650	R259, 638	R261	R262
DDX7019	0-10	—	—	—	—	—	10K	YES	—	—	YES
DDX7029	2-71	—	—	—	—	YES	3.3K	YES	—	—	YES
DDX7029Y	—	—	—	—	—	—	—	—	—	—	—
DDX7039	0-21	—	—	—	—	YES	10K	YES	—	—	YES
DDX7039M	—	—	—	—	—	—	—	—	—	—	—
DDX7039TJ4	—	—	—	—	—	—	—	—	—	—	—
DDX7039	0-71	—	—	—	—	YES	30K	YES	—	—	YES
DDX7039	3-21	—	—	—	—	YES	—	YES	—	—	YES
DNX7100	0-11	YES	—	—	—	—	10K	—	YES	—	YES
DNX7100EX	—	—	—	—	—	—	—	—	—	—	—
DNX7200	2-72	YES	—	—	—	YES	3.3K	—	YES	—	YES
DNX7200AN4	—	—	—	—	—	—	—	—	—	—	—
DDX8019	0-12	—	—	—	—	YES	10K	YES	—	—	YES
DDX8029	2-73	—	—	—	—	YES	3.3K	YES	—	—	YES
DDX8029Y	—	—	—	—	—	—	—	—	—	—	—
DDX8039	0-22	—	—	—	—	YES	YES	10K	YES	—	YES
DDX8039	0-72	—	—	—	—	YES	YES	30K	YES	—	YES
DDX8039	3-22	—	—	—	—	YES	YES	—	YES	—	YES

- IC1 : SI-3033KMS
 - IC10 : NJM4565V-ZB
 - IC101, 102 : LTC3728LEGN
 - IC201 : 703261YGC320A
 - IC202 : S1000N30N4T1G
 - IC203 : BR24L08FV-W
 - IC204 : NOT USED
 - IC205 : TC7SET08FU-F
 - IC206 : TC7SH08FU-F
 - IC301 : RB5P0090M
 - IC303 : TC7WH123FU-F
 - IC304, 608 : TC7SH04FU-F
 - IC305, 403, 404 : Q22
 - IC400 : MM1234XFBE-E
 - IC401 : NJM2505AF-ZB
 - IC401 : NJM2794R82ZB
 - IC402 : BU2090FS
 - IC405 : BA7649F
 - IC406 : MM1503-E
 - IC407, 408 : TC4052BFT
 - IC501 : LB1836M-TLM-E
 - IC502 : TC7SET04FU-F
 - IC600 : TC7WH14FU-F
 - IC601 : TC7W34FU-F
 - IC604 : TC7WHU04FU-F
 - IC605 : NJW1303V-ZB
 - IC606 : TC7WH74FU-F
 - IC607, 609 : TC7WH157FU-F
 - IC610 : SI-3033LUSNF
- Q1, 2, 4, 6, 13, 15, 16, 23, 32, 34, 36, 38, 44, 46, 301 : 2SC4081
 - Q3, 5, 17, 20, 21, 24, 33, 37, 45, 306-308, 401, 502, 504, 602 : 2SA1576A
 - Q7, 203, 205, 501, 509, 600 : DTA114EUA
 - Q8, 10, 19, 25, 101, 204, 206, 601, 604 : DTC114YUA
 - Q9 : DTA114TUA
 - Q14, 31, 35, 43 : 2SB1184
 - Q26 : TP8110-F
 - Q26 : 2SB1689
 - Q103, 106, 108, 111 : HAT2218R-E
 - Q103, 106, 108, 111 : DTC144EUA
 - Q104, 105, 109, 110 : DTC114EUA
 - Q201, 505 : DTB123YK
 - Q207 : DTB123YK
 - Q506, 507 : DTC323TU
 - Q508 : 2SC3437-F(Y)
 - Q605 : DTA114YUA



- D2 : DAN202U
- D3 : UDZ56.2B
- D4 : EP05Q04
- D5 : 1SR154-400
- D101-104 : 1SS357-F
- D312-320,322,323,401,402,407 : CVS10A120M
- D324 : CVS10A180M
- D400,408,502 : CVL10C270M300
- D403,506 : DAP202U
- D404 : UDZ54.7B
- D503 : DA204U
- D600 : B30-1767-05

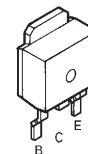


DDX7019/7029/7029Y/7039
DDX8019/8029/8029Y/8039
DNX7100/710EX/7200(3/5)

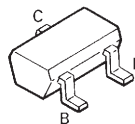
DTB123YK
DTC114YUA
2SA1576A



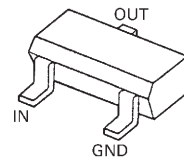
2SB1184



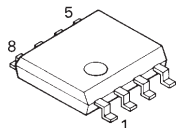
DTC323TU
2SC4081



DTA114EUA
DTA114TUA
DTC114EUA
DTC123JUA
DTC144EUA



TA75W558FU-F



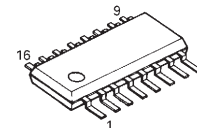
DAN202U



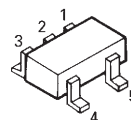
DAP202U
DA204U
DTA114YUA



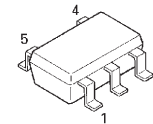
BU2090FS



TC7SH04FU-F
TC7SH08FU-F
TC7S86FU-F



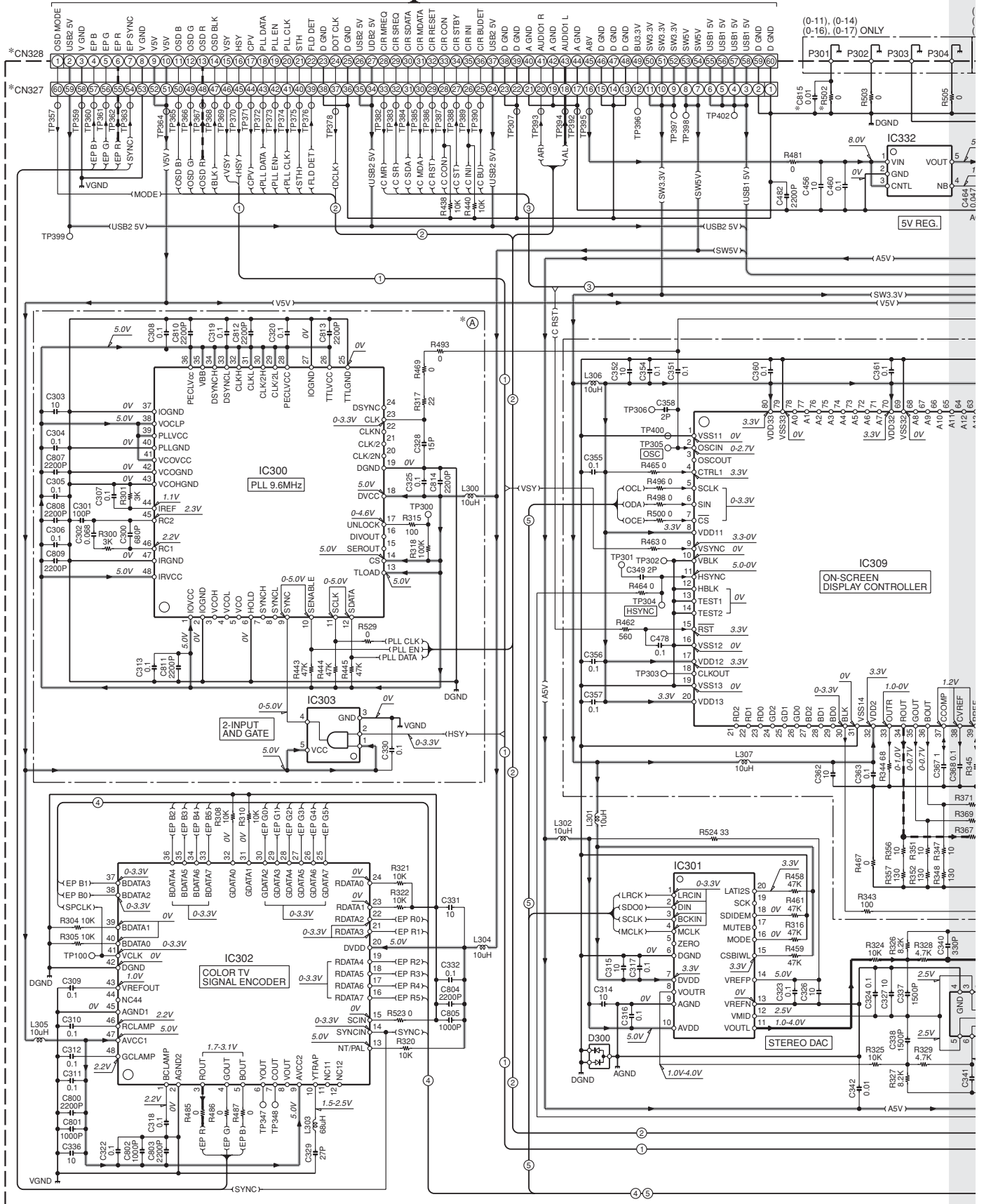
TC7SET08FU-F



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. 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.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

X14-999-
 CN501

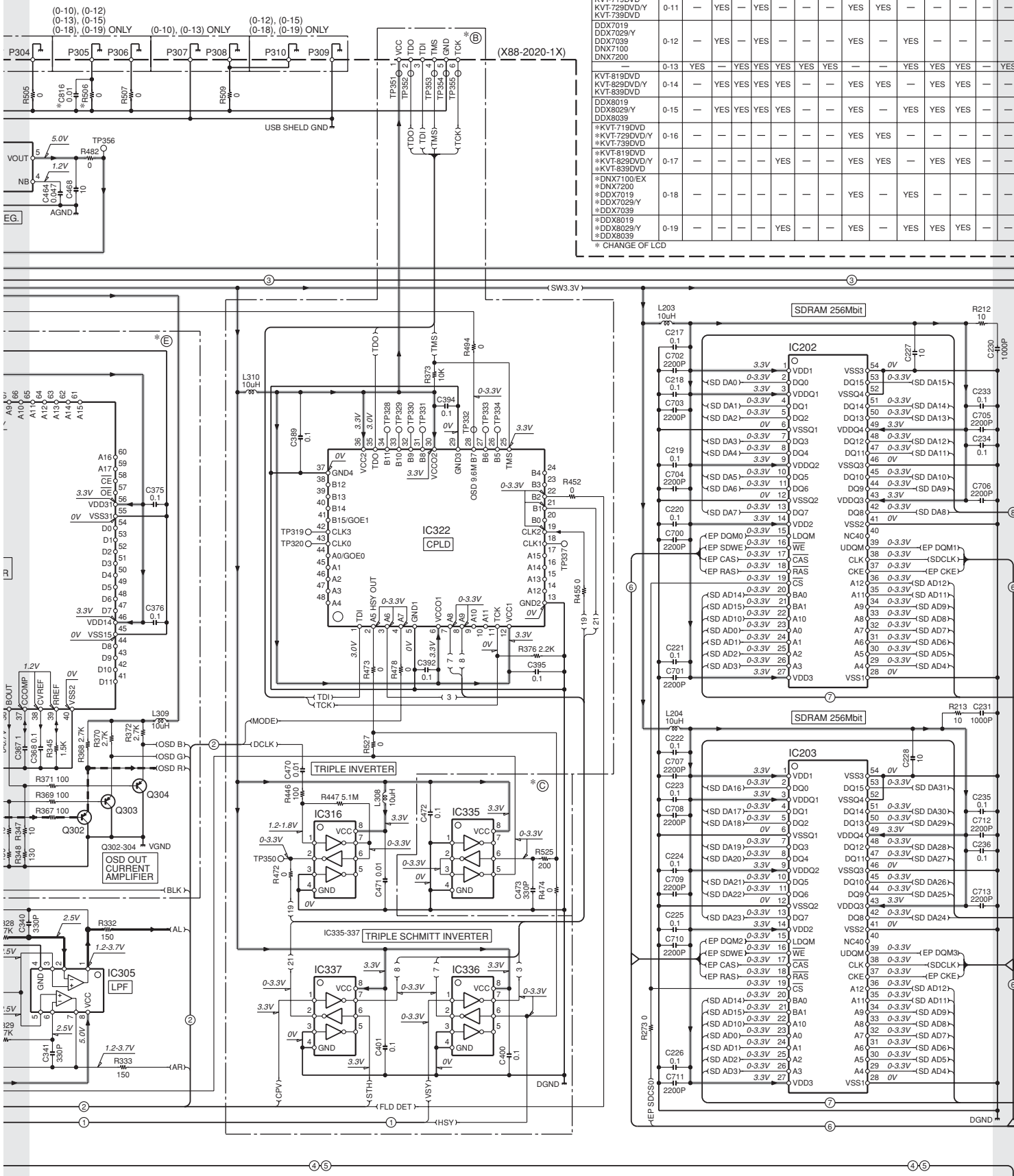


DDX7019/7029/7039/8019/8029/8029Y/8039
DNX7100/710EX/7200

(X88-2020-1x)

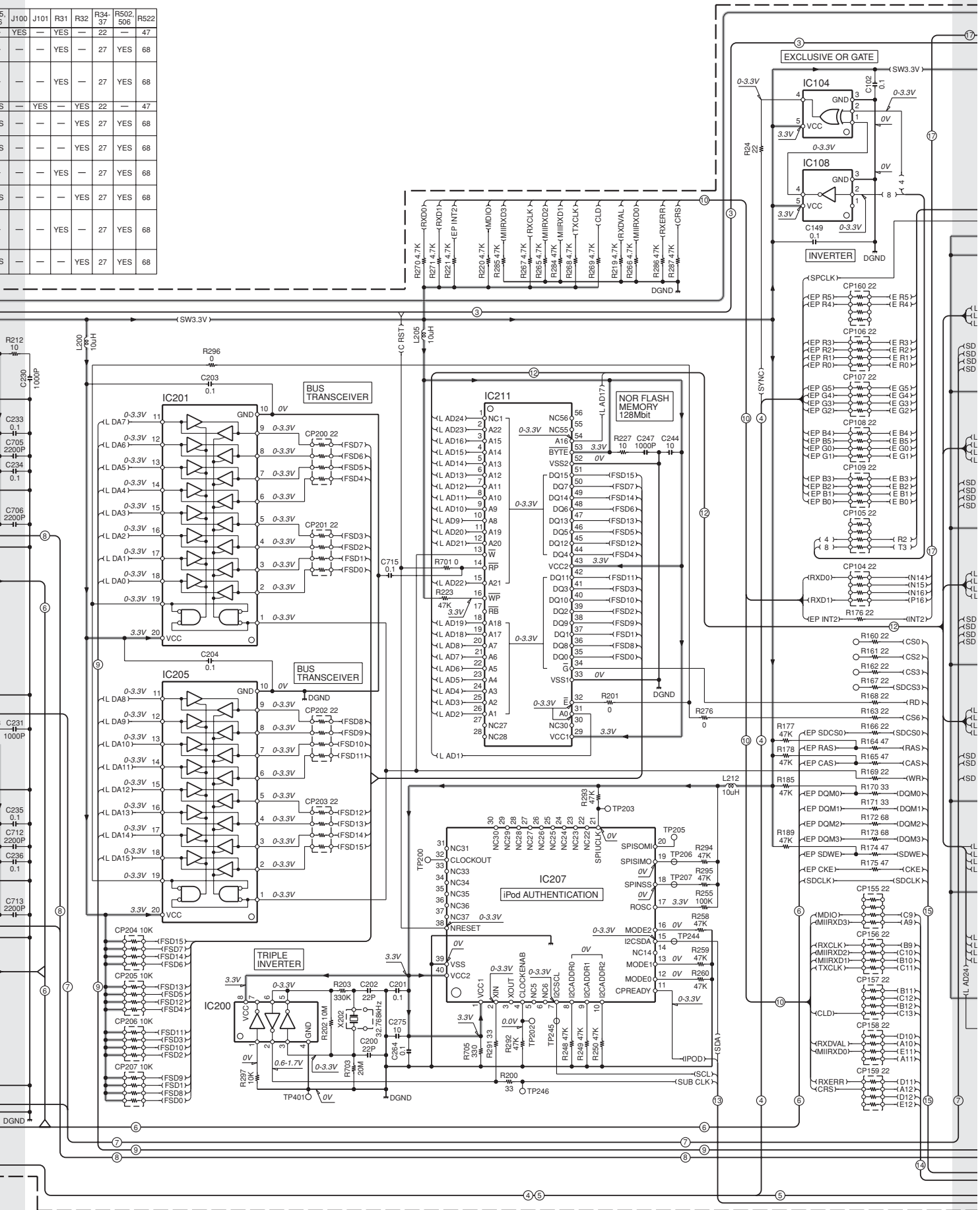
MODEL NAME	UNIT No.	(A)	(C)	(B)	(D)	(E)	C148	C600	C815, 816	CN101	CN327	CN328	D106-109	L105, 106	J100	J101
KVT-719DVD KVT-729DVD/Y KVT-739DVD	0-11	YES	—	YES	—	YES	—	YES	YES	—	—	—	—	—	—	—
DDX7019 DDX7029Y DDX7039 DNX7100 DNX7200	0-12	—	YES	—	YES	—	—	—	—	YES	—	YES	—	—	—	—
KVT-819DVD KVT-829DVD/Y KVT-839DVD	0-14	—	YES	YES	YES	YES	YES	—	—	YES	YES	—	YES	YES	YES	—
DDX8019 DDX8029Y DDX8039	0-15	—	YES	YES	YES	YES	YES	—	—	YES	—	YES	YES	YES	YES	—
*KVT-719DVD *KVT-729DVD/Y *KVT-739DVD *KVT-819DVD *KVT-829DVD/Y *KVT-839DVD	0-16	—	—	—	—	—	—	—	—	YES	YES	—	—	—	—	—
*DNX7100EX *DNX7200 *DDX7019 *DDX7029Y *DDX7039 *DDX8019 *DDX8029Y *DDX8039	0-18	—	—	—	—	—	—	—	—	—	YES	—	YES	—	—	—
	0-19	—	—	—	—	—	YES	—	—	YES	—	—	YES	YES	YES	—

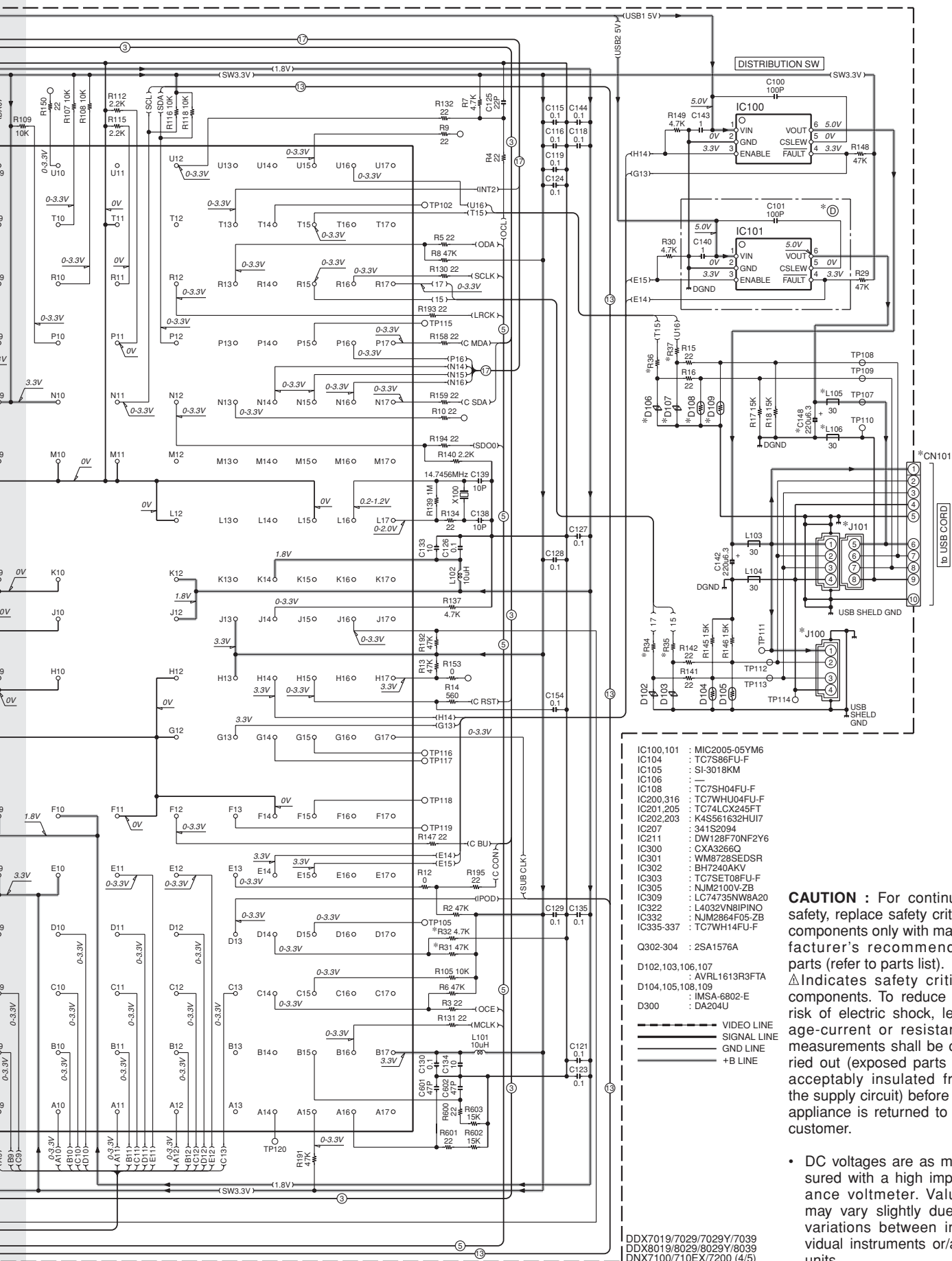
* CHANGE OF LCD



DDX7019/7029/7029Y/7039/8019/8029/8029Y/8039 DNX7100/710EX/7200

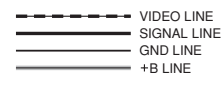
5	J100	J101	R31	R32	R34	R502	R522
5	—	—	—	—	22	—	47
6	—	—	—	—	27	—	68
7	—	—	—	—	27	—	68
8	—	—	—	—	27	—	68
9	—	—	—	—	27	—	68
10	—	—	—	—	27	—	68
11	—	—	—	—	27	—	68
12	—	—	—	—	27	—	68
13	—	—	—	—	27	—	68
14	—	—	—	—	27	—	68
15	—	—	—	—	27	—	68
16	—	—	—	—	27	—	68
17	—	—	—	—	27	—	68
18	—	—	—	—	27	—	68
19	—	—	—	—	27	—	68
20	—	—	—	—	27	—	68





- IC100,101 : MIC2005-05YM6
- IC104 : TC7S86FU-F
- IC105 : SI-3018KM
- IC106 : -
- IC108 : TC7SH04FU-F
- IC200,316 : TC7WHU04FU-F
- IC201,205 : TC74LCX245FT
- IC202,203 : K4S561632HUI7
- IC207 : 341S2094
- IC211 : DW128F70NF2Y6
- IC300 : CXA3266Q
- IC301 : WM8728SEDSR
- IC302 : BH7240AKV
- IC303 : TC7SET08FU-F
- IC305 : NJM2100V-ZB
- IC309 : LC7435NW8A20
- IC322 : L4032VN8IPINO
- IC332 : NJM2864F05-ZB
- IC335-337 : TC7WH14FU-F

- Q302-304 : 2SA1576A
- D102,103,106,107 : AVRL1613R3FTA
- D104,105,108,109 : IMSA-6802-E
- D300 : DA204U



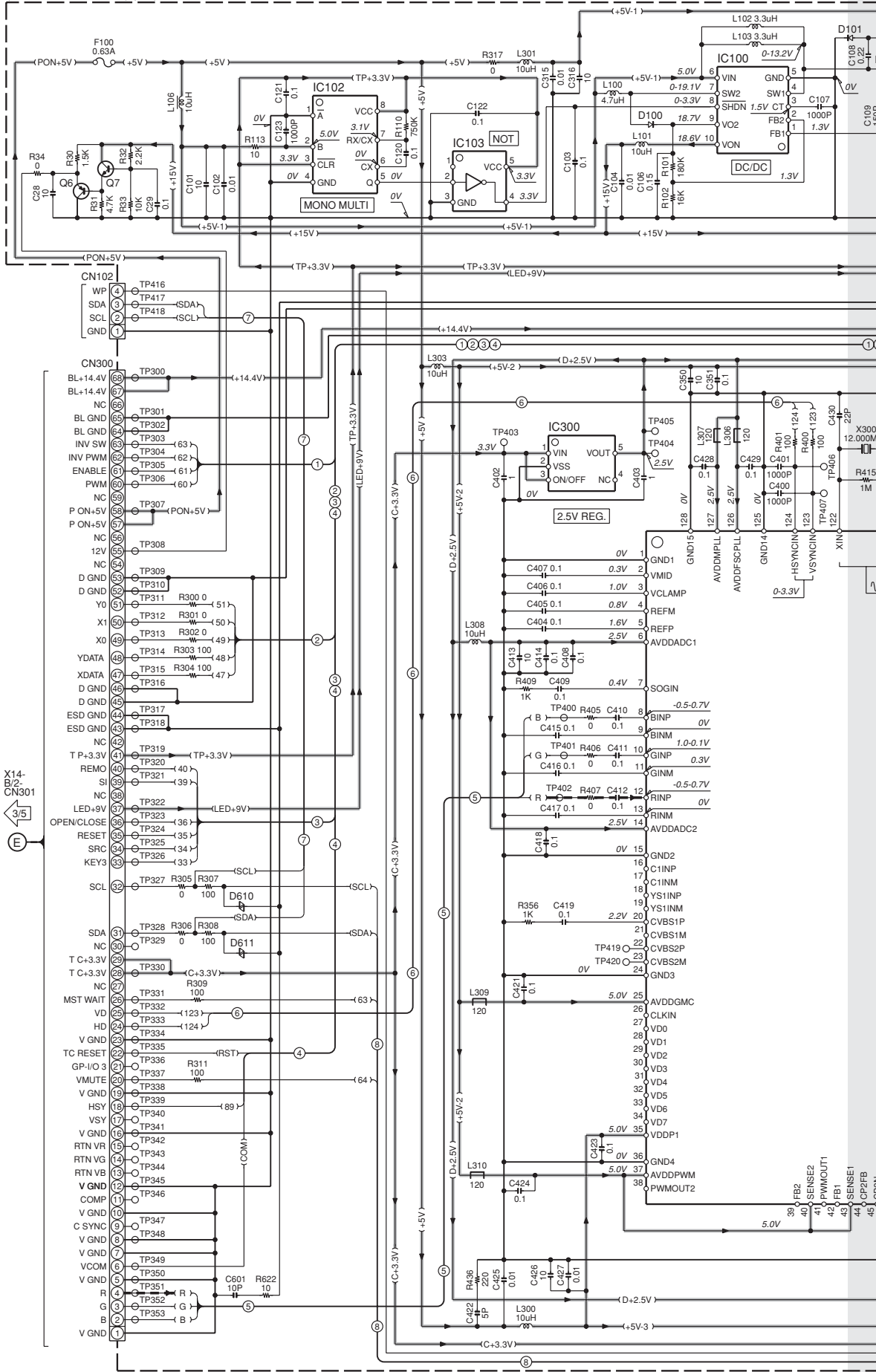
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
 △ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably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

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

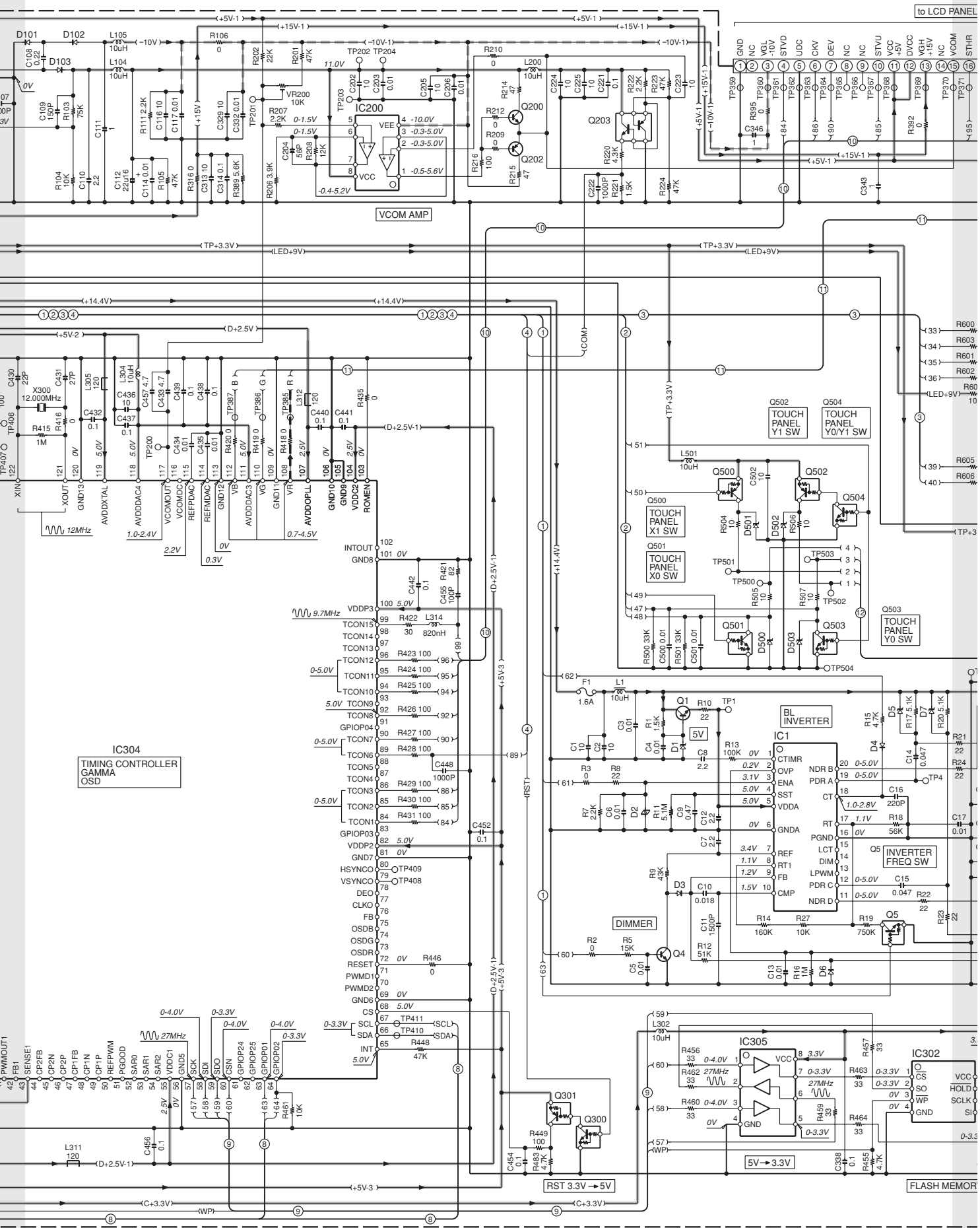
DDX7019/7029/7029Y/7039
 DDX8019/8029/8029Y/8039
 DNX7100/710EX/7200 (4/5)

DDX7019/7029/7039/8019/8029/8029Y/8039
DNX7100/710EX/7200

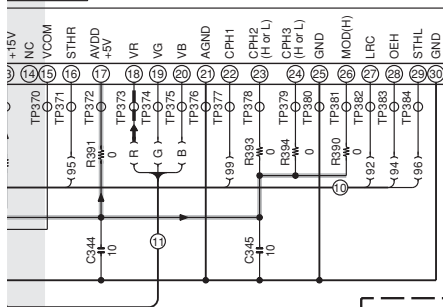
(X35-4840-10/4920-10) (A/2)



DDX7019/7029/7039/8019/8029/8029Y/8039
DNX7100/710EX/7200

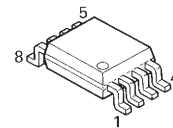


LCD PANEL



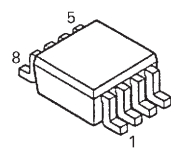
- (X35-4840-10)
- IC1 : OZ964ISN-C-SN
- IC100 : LT1947-PBF
- IC102 : TC7WH123FU-F
- IC103 : TC7SH04FU-F
- IC200 : TA75W558FU-F
- IC300 : S-1112B25MCG
- IC302 : 2SL2005MISY2
- IC304 : MST798LA-ALF
- IC305 : TC7WH34FU-F
- Q1,4,7 : 2SC4081
- Q2,3 : SI5504DC-E3
- Q5,300,504 : DTC114YUA
- O6 : 2SA1576A
- Q200 : 2SC4097
- Q202 : 2SA1577
- Q203 : UMZ1N
- Q301,500,502 : DTA123JUA
- Q501,503 : DTC123JUA

- NJM2100V-ZB
- TC7WHU04FU-F
- TC7WH123FU-F



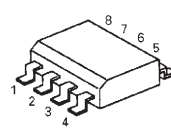
- D1,5,7 : UDZS5.6B
- D2,600-603,605,606 : CVS10A120M
- D3,4 : 1S3355
- D6 : MA2S784-F
- D8,9 : DA204U
- D100 : EP05Q06
- D101-103 : EP05Q04
- D500-503 : UDZS6.2B
- D604 : CVS10A180M
- D610,611 : CVL10C270M300

- TC7WH157FU-F
- TC7WH34FU-F

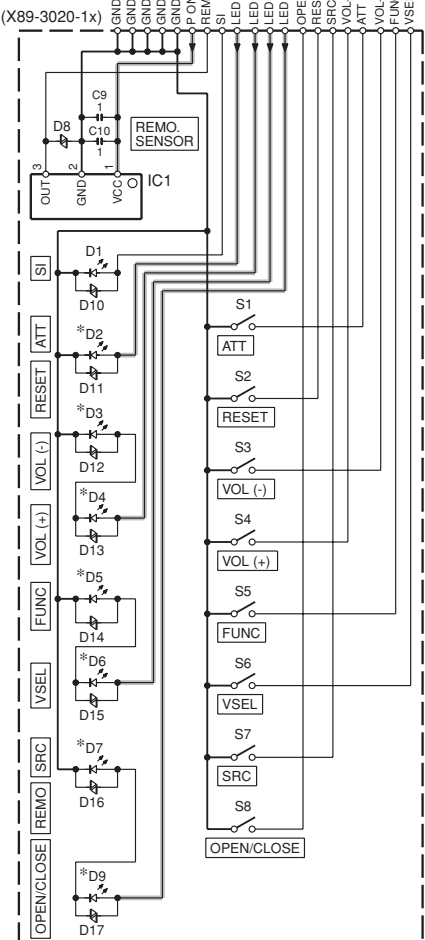
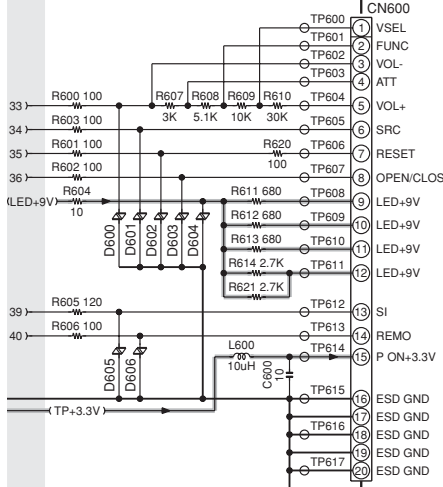
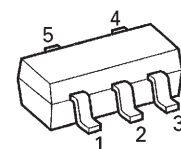


- (X89-3020-1x)
- IC1 : GP1US301XP
- (X89-3020-1x)
- UNIT No. : D2-7,9
- D1 : B30-1566-05
- D2-7,9 : *
- D8,10-17 : AVR M16120M6AB

- TC7WH74FU-F



- TC7SET04FU-F



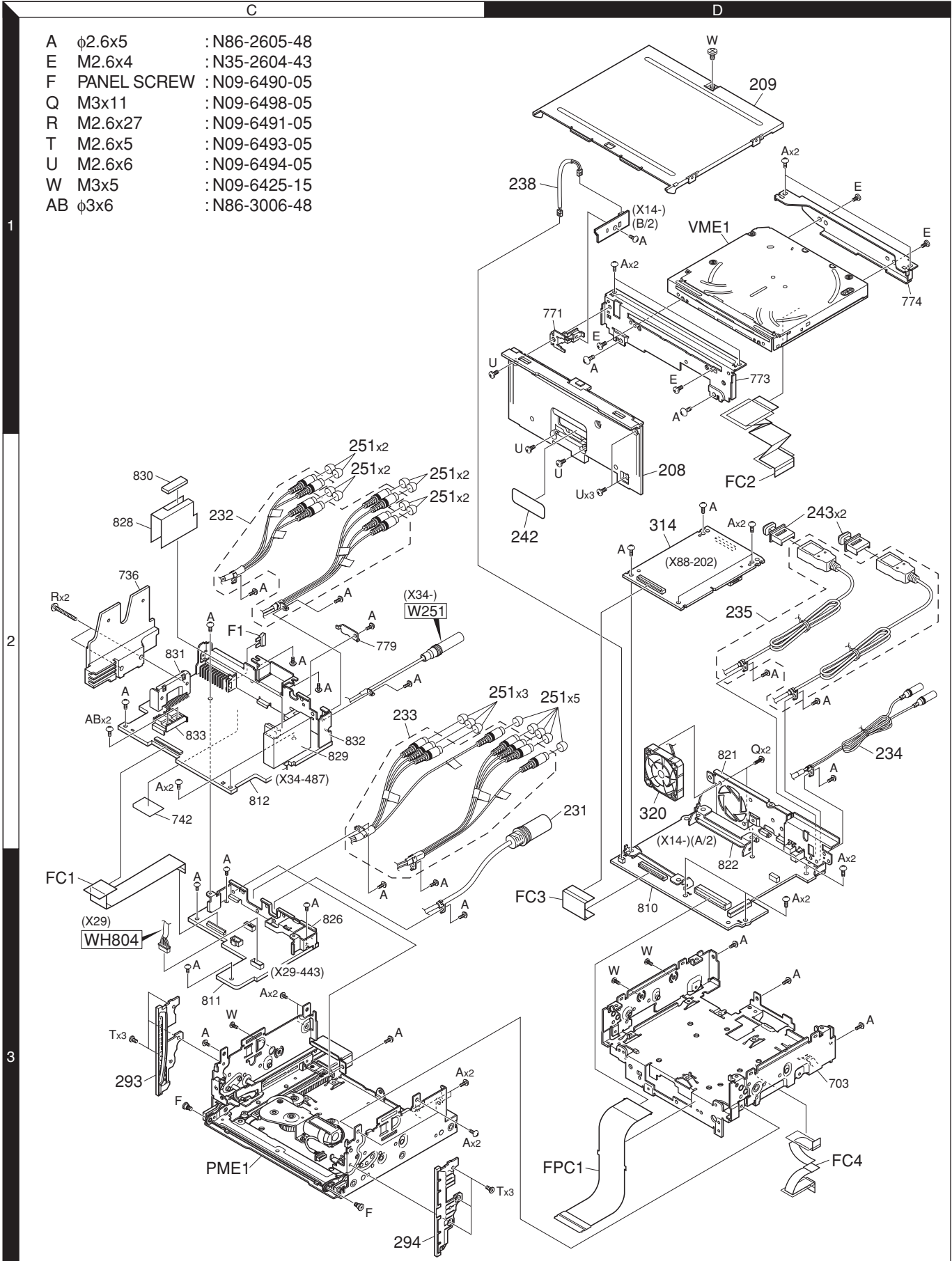
- DDX7019/7029/7029Y/7039
- DDX8019/8029/8029Y/8039
- DNX7100/710EX/7200 (5/5)
- VIDEO LINE
- GND LINE
- + B LINE
- - B LINE

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. 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.

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

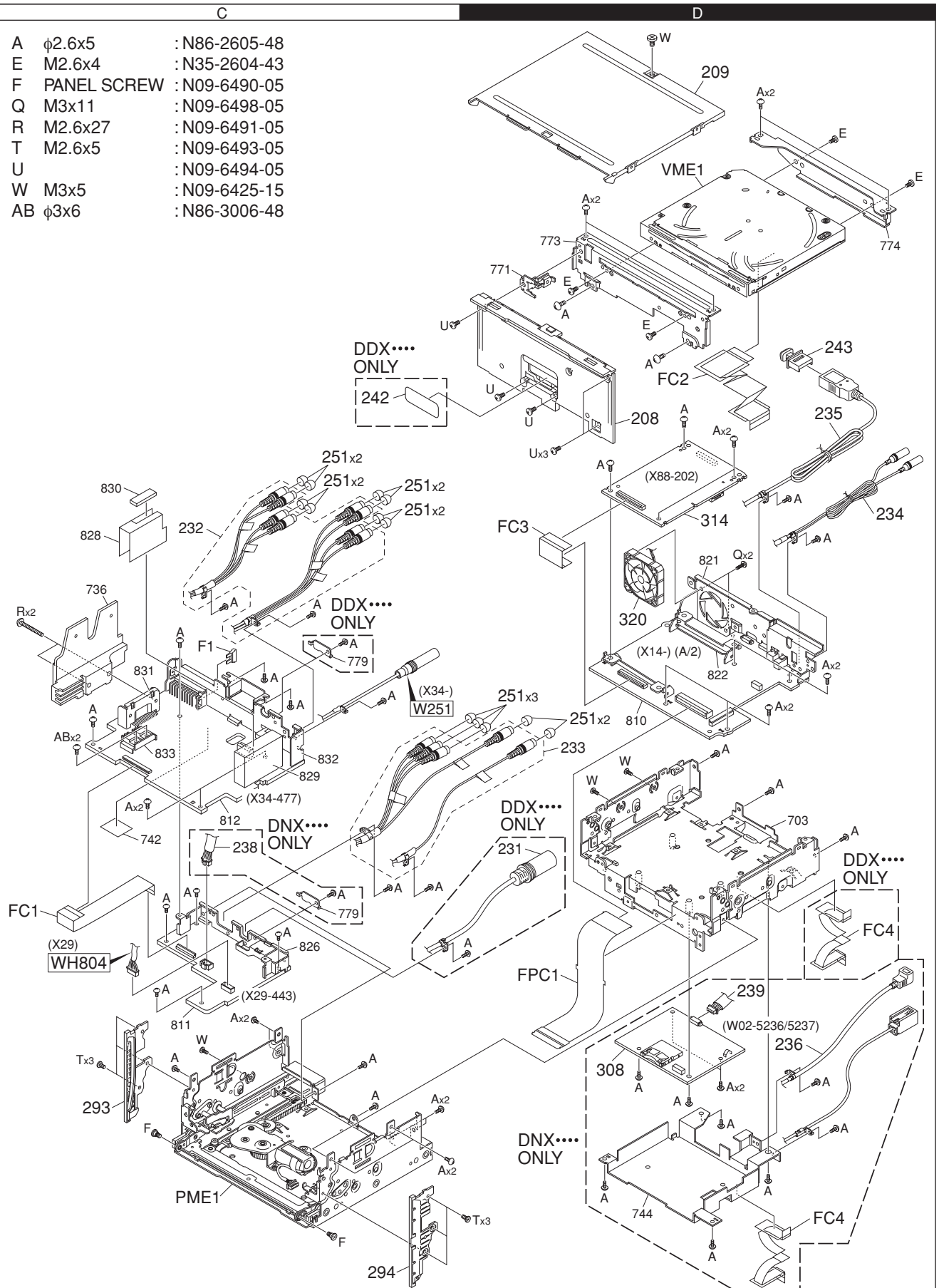
EXPLODED VIEW (UNIT for DDX80*9)

- | | | |
|----|-------------|---------------|
| A | φ2.6x5 | : N86-2605-48 |
| E | M2.6x4 | : N35-2604-43 |
| F | PANEL SCREW | : N09-6490-05 |
| Q | M3x11 | : N09-6498-05 |
| R | M2.6x27 | : N09-6491-05 |
| T | M2.6x5 | : N09-6493-05 |
| U | M2.6x6 | : N09-6494-05 |
| W | M3x5 | : N09-6425-15 |
| AB | φ3x6 | : N86-3006-48 |



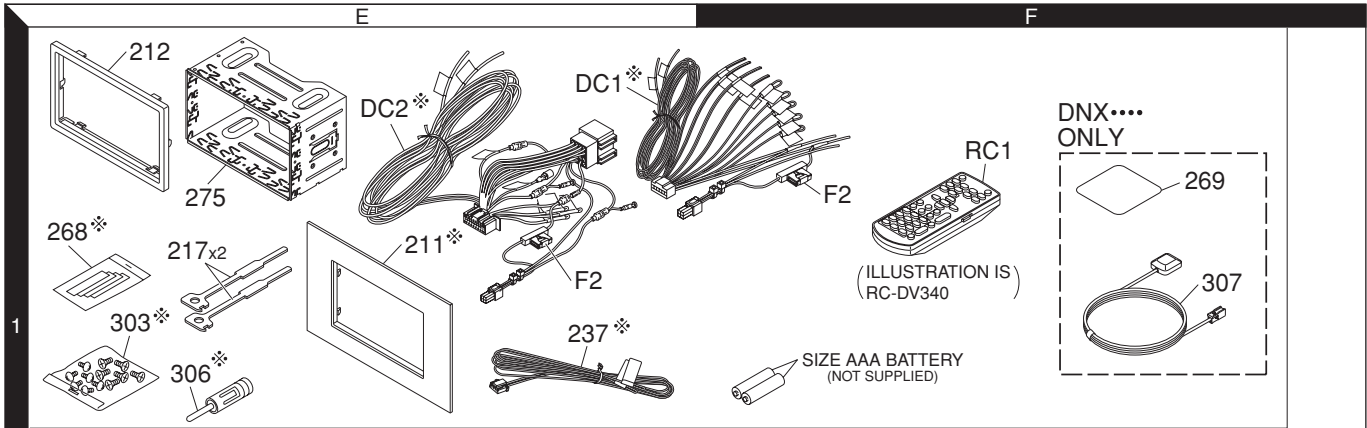
EXPLODED VIEW (UNIT for DDX70*9/DNX7*00)

- | | | |
|----|-------------|---------------|
| A | φ2.6x5 | : N86-2605-48 |
| E | M2.6x4 | : N35-2604-43 |
| F | PANEL SCREW | : N09-6490-05 |
| Q | M3x11 | : N09-6498-05 |
| R | M2.6x27 | : N09-6491-05 |
| T | M2.6x5 | : N09-6493-05 |
| U | | : N09-6494-05 |
| W | M3x5 | : N09-6425-15 |
| AB | φ3x6 | : N86-3006-48 |

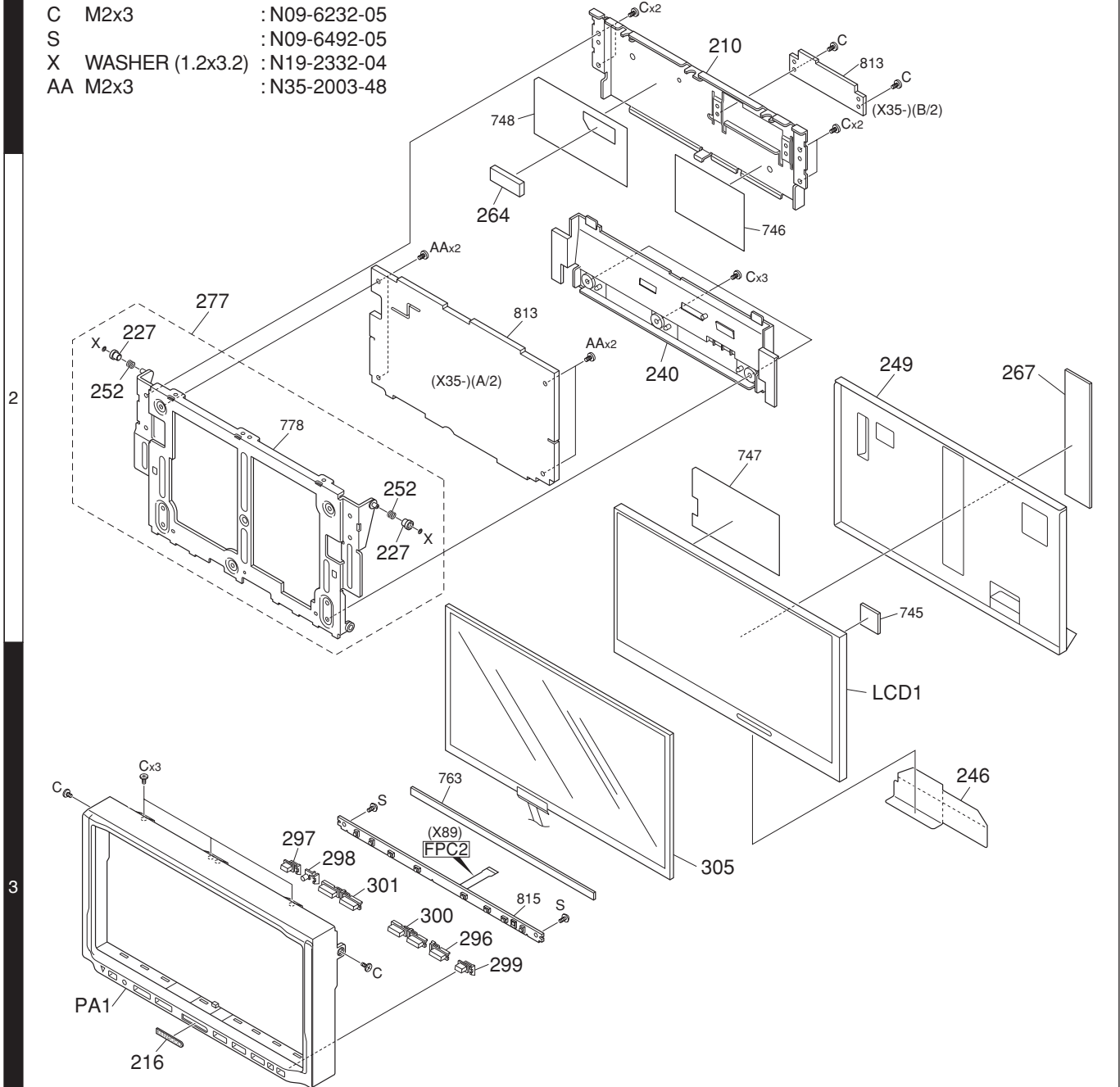


Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (PANEL)



- C M2x3 : N09-6232-05
- S : N09-6492-05
- X WASHER (1.2x3.2) : N19-2332-04
- AA M2x3 : N35-2003-48



*Depends on the models. Refer to the parts list.

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.

Ref. No.	Add	New	Parts No.	Description	Destination
DDX7019/7029/7029Y/7039					
DDX8019/8029/8029Y/8039 DNX7100/710EX/7200					
208	1D		A22-3151-01	SUB PANEL ASSY	E2M1X1
208	1D		A22-3151-01	SUB PANEL ASSY	KR1E1
208	1D		A22-3152-01	SUB PANEL ASSY	E4M2X2
208	1D		A22-3152-01	SUB PANEL ASSY	K1R2E3
208	1D		A22-3155-01	SUB PANEL ASSY	K3K4E5
209	1D		A52-0895-02	TOP PLATE	
210	1F	*	A46-1862-02	REAR COVER	
PA1	3E		A64-4344-01	PANEL ASSY	K
PA1	3E		A64-4345-01	PANEL ASSY	E1E2
PA1	3E		A64-4346-01	PANEL ASSY	M1
PA1	3E		A64-4347-01	PANEL ASSY	R1X1
PA1	3E		A64-4360-01	PANEL ASSY	K3
PA1	3E		A64-4361-01	PANEL ASSY	E5
PA1	3E		A64-4362-01	PANEL ASSY	K4
PA1	3E		A64-4466-01+	PANEL ASSY	K1
PA1	3E		A64-4467-01+	PANEL ASSY	E3E4
PA1	3E		A64-4468-01+	PANEL ASSY	M2
PA1	3E		A64-4469-01+	PANEL ASSY	R2X2
PME1	3C		A10-5300-41	CHASSIS ASSY	
RC1	1F		A70-2082-15	REMOTE CONTROLLER AS (RC-DV330)	K4E5
RC1	1F		A70-2082-15	REMOTE CONTROLLER AS (RC-DV330)	M1X1K1
RC1	1F		A70-2082-15	REMOTE CONTROLLER AS (RC-DV330)	M2X2K3
RC1	1F		A70-2082-15	REMOTE CONTROLLER AS (RC-DV330)	R2E3E4
RC1	1F		A70-2083-15	REMOTE CONTROLLER AS (RC-DV340)	E2
RC1	1F		A70-2083-15	REMOTE CONTROLLER AS (RC-DV340)	KR1E1
-			B46-0612-14	ID CARD	E1E2M1
-			B46-0612-14	ID CARD	M2X2E5
-			B46-0612-14	ID CARD	X1E3E4
-			B54-4579-00	INSTALLATION MANUAL (ENG.SPA.)	KR1
-			B54-4580-00	INSTALLATION MANUAL (FRE.)	K
-			B54-4581-00	INSTALLATION MANUAL (POR.)	R1
-			B54-4582-00	INSTALLATION MANUAL (ENG.)	E1E2
-			B54-4583-00	INSTALLATION MANU (F.G.D.I.S.P)	E1
-			B54-4584-00	INSTALLATION MANUAL (ENG.)	M1X1
-			B54-4585-00	INSTALLATION MANUAL (S-CHI.KOR)	M1
-			B54-4586-00	INSTALLATION MANUAL (ENG.SPA.)	K1R2
-			B54-4587-00	INSTALLATION MANUAL (FRE.)	K1
-			B54-4588-00	INSTALLATION MANUAL (POR.)	R2
-			B54-4589-00	INSTALLATION MANUAL (ENG.)	E3E4
-			B54-4590-00	INSTALLATION MANU (F.G.D.I.S.P)	E3
-			B54-4591-00	INSTALLATION MANUAL (ENG.)	M2X2
-			B54-4592-00	INSTALLATION MANUAL (S-CHI.KOR)	M2
-			B54-4599-00	INSTALLATION MANU (ENG.FRE.SPA)	K3K4
-			B54-4600-00	INSTALLATION MA (E.F.G.D.I.S.P)	E5
-			B59-1880-00	SUB-INSTRUCTION MANUAL	
-			B64-3840-00	INSTRUCTION MANUAL (ENG.)	KR1
-			B64-3841-00	INSTRUCTION MANUAL (FRE.)	K
-			B64-3842-00	INSTRUCTION MANUAL (SPA.)	KR1
-			B64-3843-00	INSTRUCTION MANUAL (POR.)	R1
-			B64-3844-00	INSTRUCTION MANUAL (ENG.)	E1E2
-			B64-3845-00	INSTRUCTION MANUAL (FRE.)	E1
-			B64-3846-00	INSTRUCTION MANUAL (GER.)	E1
-			B64-3847-00	INSTRUCTION MANUAL (DUT.)	E1

Ref. No.	Add	New	Parts No.	Description	Destination
-			B64-3848-00	INSTRUCTION MANUAL (ITA.)	E1
-			B64-3849-00	INSTRUCTION MANUAL (SPA.)	E1
-			B64-3850-00	INSTRUCTION MANUAL (POR.)	E1
-			B64-3851-00	INSTRUCTION MANUAL (ENG.)	M1X1
-			B64-3852-00	INSTRUCTION MANUAL (S-CHI.)	M1
-			B64-3853-00	INSTRUCTION MANUAL (KOR.)	M1
-			B64-3854-00	INSTRUCTION MANUAL (ENG.)	K1R2
-			B64-3855-00	INSTRUCTION MANUAL (FRE.)	K1
-			B64-3856-00	INSTRUCTION MANUAL (SPA.)	K1R2
-			B64-3857-00	INSTRUCTION MANUAL (POR.)	R2
-			B64-3858-00	INSTRUCTION MANUAL (ENG.)	E3E4
-			B64-3859-00	INSTRUCTION MANUAL (FRE.)	E3
-			B64-3860-00	INSTRUCTION MANUAL (GER.)	E3
-			B64-3861-00	INSTRUCTION MANUAL (DUT.)	E3
-			B64-3862-00	INSTRUCTION MANUAL (ITA.)	E3
-			B64-3863-00	INSTRUCTION MANUAL (SPA.)	E3
-			B64-3864-00	INSTRUCTION MANUAL (POR.)	E3
-			B64-3865-00	INSTRUCTION MANUAL (ENG.)	M2X2
-			B64-3866-00	INSTRUCTION MANUAL (S-CHI.)	M2
-			B64-3867-00	INSTRUCTION MANUAL (KOR.)	M2
-			B64-3869-00	INSTRUCTION MANUAL (NAVI-K)	K3K4
-			B64-3870-00	INSTRUCTION MANUAL (NAVI-E)	E5
-			B64-3871-00	INSTRUCTION MANUAL (ENG.)	K3K4
-			B64-3872-00	INSTRUCTION MANUAL (FRE.)	K3K4
-			B64-3873-00	INSTRUCTION MANUAL (SPA.)	K3K4
-			B64-3874-00	INSTRUCTION MANUAL (ENG.)	E5
-			B64-3875-00	INSTRUCTION MANUAL (FRE.)	E5
-			B64-3876-00	INSTRUCTION MANUAL (GER.)	E5
-			B64-3877-00	INSTRUCTION MANUAL (DUT.)	E5
-			B64-3878-00	INSTRUCTION MANUAL (ITA.)	E5
-			B64-3879-00	INSTRUCTION MANUAL (SPA.)	E5
-			B64-3880-00	INSTRUCTION MANUAL (POR.)	E5
211	1E		B07-3172-12	ESCUTCHEON	KR1M1
211	1E		B07-3172-12	ESCUTCHEON	K4
211	1E		B07-3172-12	ESCUTCHEON	M2X2K3
211	1E		B07-3172-12	ESCUTCHEON	X1K1R2
212	1E		B07-3224-01	ESCUTCHEON	
213	3G		B09-0541-04	CAP	
216	3E		B43-1518-04	BADGE	
LCD1	3F	*	B38-1199-05	LCD	
217	1E		D10-4589-04	LEVER	
218	3G		D10-4895-22	SLIDER ASSY	
219	2G		D10-4897-13	ARM ASSY	
220	3G		D10-4899-03	LEVER	
221	3G		D10-4900-03	LEVER	
223	1H		D13-2394-04	GEAR	
224	1H		D13-2395-04	GEAR	
225	1H		D13-2396-04	GEAR	
226	3G		D13-2397-03	RACK (GEAR)	
227	2E		D14-1024-04	ROLLER	
228	2H		D14-1010-04	ROLLER	
229	2G		D14-1011-14	ROLLER	
230	1H		D19-0653-23	CLUTCH ASSY	
231	2D		E30-6695-15	CORD WITH PLUG	E1E2E3

K: DDX7019 **K1:** DDX8019 **K3:** DNX7100 **K4:** DNX710EX (North America)
E1: DDX7029 **E2:** DDX7029Y **E3:** DDX8029 **E4:** DDX8029Y **E5:** DNX7200 (Europe)
R1: DDX7039 **R2:** DDX8039 (Latin America) **X1:** DDX7039 **X2:** DDX8039 (Australia)
M1: DDX7039 **M2:** DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

DDX7019/7029/7029Y/7039/8019/8029/8029Y/8039_DNX7100/710EX/7200

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation	Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
231	2D		E30-6695-15	CORD WITH PLUG	E4R1R2	252	2E		G01-4659-04	COMPRESSION SPRING	
231	2D		E30-6695-15	CORD WITH PLUG	KK1M1	254	2G		G01-3288-04	TORSION COIL SPRING	
231	2D		E30-6695-15	CORD WITH PLUG	M2X1X2	255	2G		G01-3289-04	TORSION COIL SPRING	
232	2C		E30-6685-05	CORD WITH PINPLUG	E2M1X1	256	3G		G01-3290-04	EXTENSION SPRING	
232	2C		E30-6685-05	CORD WITH PINPLUG	KR1E1	257	1H		G02-1539-04	FLAT SPRING	
232	2C		E30-6685-05	CORD WITH PINPLUG	K3K4E5	259	2G		G02-1544-04	FLAT SPRING	
232	2C		E30-6708-05	CORD WITH PINPLUG	E4M2X2	260	2G		G02-1545-04	FLAT SPRING	
232	2C		E30-6708-05	CORD WITH PINPLUG	K1R2E3	264	2E		G16-1688-04	SHEET	
233	2C		E30-6686-15	CORD WITH PINPLUG	E2M1X1	267	2F	*	G16-1695-04	SHEET	
233	2C		E30-6686-15	CORD WITH PINPLUG	KR1E1	-			H54-4128-03	ITEM CARTON CASE	K
233	2C		E30-6686-15	CORD WITH PINPLUG	K3K4E5	-			H54-4129-03	ITEM CARTON CASE	E1
233	2C		E30-6687-15	CORD WITH PINPLUG	E4M2X2	-			H54-4130-03	ITEM CARTON CASE	E2
233	2C		E30-6687-15	CORD WITH PINPLUG	K1R2E3	-			H54-4131-03	ITEM CARTON CASE	R1
234	2D		E30-6689-05	CORD WITH PLUG		-			H54-4132-03	ITEM CARTON CASE	M1X1
235	2D		E30-6690-05	CORD WITH PLUG	E2M1X1	-			H54-4133-03	ITEM CARTON CASE	K1
235	2D		E30-6690-05	CORD WITH PLUG	KR1E1	-			H54-4134-03	ITEM CARTON CASE	E3
235	2D		E30-6690-05	CORD WITH PLUG	K3K4E5	-			H54-4135-03	ITEM CARTON CASE	E4
235	2D		E30-6691-05	CORD WITH PLUG	E4M2X2	-			H54-4136-03	ITEM CARTON CASE	R2
235	2D		E30-6691-05	CORD WITH PLUG	K1R2E3	-			H54-4137-03	ITEM CARTON CASE	M2X2
236	3D		E30-6692-05	CORD WITH PLUG	K3K4E5	-			H54-4139-03	ITEM CARTON CASE	K3
237	1F		E30-6693-05	CORD WITH PLUG	K4E5	-			H54-4140-03	ITEM CARTON CASE	E5
237	1F		E30-6693-05	CORD WITH PLUG	M1X1K1	-			H54-4141-03	ITEM CARTON CASE	K4
237	1F		E30-6693-05	CORD WITH PLUG	M2X2K3	268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	KR1M1
237	1F		E30-6693-05	CORD WITH PLUG	R2E3E4	268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	K4
238	2C		E39-0904-15	WIRING HARNESS	K3K4E5	268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	M2X2K3
238	1D		E39-0915-05	WIRING HARNESS	E4M2X2	268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	X1K1R2
238	1D		E39-0915-05	WIRING HARNESS	K1R2E3						
239	3D		E39-0905-05	WIRING HARNESS	K3K4E5	269	1E		J21-9867-04	MOUNTING HARDWARE	K3K4E5
DC1	1F		E30-6677-05	DC CORD	KR1M1	272	1H		J22-0444-13	MOUNTING HARDWARE ASSY	
DC1	1F		E30-6677-05	DC CORD	K4	275	1E		J22-0657-03	MOUNTING HARDWARE ASSY	
DC1	1F		E30-6677-05	DC CORD	M2X2K3	277	2E	*	J22-0659-02	MOUNTING HARDWARE ASSY	
DC1	1F		E30-6677-05	DC CORD	X1K1R2	282	3G		J31-1075-14	COLLAR (ARM COLLAR)	
DC2	1F		E30-6678-05	DC CORD	E1E2E3	283	2G		J31-1077-04	COLLAR (PANEL COLLAR)	
DC2	1F		E30-6678-05	DC CORD	E4E5	286	2H		J90-1124-13	GUIDE ASSY	
FC1	3C		E39-0909-05	FLAT CABLE		287	2H		J90-1126-13	GUIDE ASSY	
FC2	2D		E39-0910-05	FLAT CABLE		288	2H		J90-1128-03	RAIL	
FC3	3D		E39-0911-05	FLAT CABLE		289	3G		J90-1129-23	RAIL	
FC4	3D		E39-0912-05	FLAT CABLE	E1E2E3	290	3G		J90-1130-23	RAIL	
FC4	3D		E39-0912-05	FLAT CABLE	E4R1R2	291	3G		J90-1131-03	GUIDE	
FC4	3D		E39-0912-05	FLAT CABLE	KK1M1	293	3C		J90-1160-01	RAIL	
FC4	3D		E39-0912-05	FLAT CABLE	M2X1X2	294	3C		J90-1161-01	RAIL	
FC4	3D		E39-0920-05	FLAT CABLE	K3K4E5	FPC1	3D		J86-0034-05	FPC (LEAD FREE)	
240	2F		F07-1192-02	COVER		296	3E		K24-4793-03	PUSH KNOB (SRC)	E1E2E3
242	1C		F09-2932-04	SHEET	E1E2E3	296	3E		K24-4793-03	PUSH KNOB (SRC)	E4R1R2
242	1C		F09-2932-04	SHEET	E4R1R2	296	3E		K24-4793-03	PUSH KNOB (SRC)	KK1M1
242	1C		F09-2932-04	SHEET	KK1M1	296	3E		K24-4793-03	PUSH KNOB (SRC)	M2X1X2
242	1C		F09-2932-04	SHEET	M2X1X2	296	3E		K24-4797-03	PUSH KNOB (NAV)	K3K4E5
243	2D		F09-2929-04	CAP		297	3E		K24-4794-03	PUSH KNOB (ATT)	
246	3F		F09-2958-04	SHEET		298	3E		K24-4795-04	PUSH KNOB (RESET)	
249	2F	*	F20-2432-03	INSULATING SHEET		299	3E		K24-4796-03	PUSH KNOB (EJECT)	
251	2C		F29-0626-04	INSULATING COVER		300	3E		K25-1915-03	PUSH KNOB (FNC/V.SEL)	
F1	2C		F52-0023-05	FUSE (MINI BLADE TYPE) 10A		301	3E		K25-1916-03	PUSH KNOB (VOL)	
F2	1F		F52-0004-05	FUSE (MINI BLADE TYPE) 5A		303	1E		N99-1779-15	SCREW SET	KR1M1
						303	1E		N99-1779-15	SCREW SET	K4
						303	1E		N99-1779-15	SCREW SET	M2X2K3

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

DDX7019/7029/7029Y/7039/8019/8029/8029Y/8039_DNX7100/710EX/7200

Ref. No.	Ad	New	Parts No.	Description	Desti- nation	Ref. No.	Ad	New	Parts No.	Description	Desti- nation
303	1E		N99-1779-15	SCREW SET	X1K1R2	C19			CK73GB1H103K	CHIP C 0.010UF	K
A	3C		N86-2605-48	BINDING HEAD TAPTITE SCREW		C20			CK73GB1H104K	CHIP C 0.10UF	K
AA	2E		N35-2003-48	BINDING HEAD MACHINE SCREW		C21,22			CK73FBOJ106K	CHIP C 10UF	K
C	3E		N09-6232-05	MACHINE SCREW (M2.0X3.0)		C24			CK73EB1C106K	CHIP C 10UF	K
E	1D		N35-2604-43	BINDING HEAD MACHINE SCREW		C26			CK73GB1A105K	CHIP C 1.0UF	K
F	3C		N09-6490-05	STEPPED SCREW (PANEL SCREW)		C27,28			CK73GB1H104K	CHIP C 0.10UF	K
G	1H		N09-6361-05	MACHINE SCREW (M2X2.5)		C29			CK73FBOJ106K	CHIP C 10UF	K
H	1H		N09-6363-05	MACHINE SCREW (M1.7X3.7)		C32			CK73FBOJ106K	CHIP C 10UF	K
J	3G		N09-6375-05	MACHINE SCREW (M2X2.5)		C34			CK73FBOJ106K	CHIP C 10UF	K
K	2G		N09-6376-05	MACHINE SCREW (M2X3.5)		C37,38			CC73GCH1H050C	CHIP C 5.0PF	C
L	3G		N09-6377-05	MACHINE SCREW (M2X2.5)		C101			CK73GB1H473K	CHIP C 0.047UF	K
M	2G		N09-6378-05	TAPTITE SCREW (STITE 2X2)		C102			CK73GB1H102K	CHIP C 1000PF	K
N	2H		N09-6379-05	MACHINE SCREW (M2.6X4 BIND)		C104			CC73GCH1H221J	CHIP C 220PF	J
R	2C		N09-6491-05	MACHINE SCREW (M2.6X27)		C105			CK73GB1H102K	CHIP C 1000PF	K
S	3E		N09-6492-05	TAPTITE SCREW		C106			CK73GB1H103K	CHIP C 0.010UF	K
T	3C		N09-6493-05	MACHINE SCREW (M2.6X5)		C107,108			CC73GCH1H101J	CHIP C 100PF	J
U	1D		N09-6494-05	MACHINE SCREW		C109			CK73GB1H223K	CHIP C 0.022UF	K
W	3C		N09-6425-15	MACHINE SCREW (M3.0X5)		C110			CC73GCH1H470J	CHIP C 47PF	J
X	2E		N19-2332-04	FLAT WASHER (1.2X3.2X0.25)		C111			CK73GB1H103K	CHIP C 0.010UF	K
Y	1H		N19-2321-04	FLAT WASHER (1.6X4X0.25)		C112			CK73GB1H102K	CHIP C 1000PF	K
304	1H		R31-0248-05	VARIABLE RESISTOR		C114			CC73GCH1H221J	CHIP C 220PF	J
305	3F		S79-0854-05	SWITCH ASSY		C115			CK73GB1H473K	CHIP C 0.047UF	K
306	1E		T90-0523-05	ANTENNA ADAPTOR	E1E2E3	C116			CK73GB1H104K	CHIP C 0.10UF	K
306	1E		T90-0523-05	ANTENNA ADAPTOR	E4E5	C117			CK73FBOJ106K	CHIP C 10UF	K
PM1	1H		T42-1322-14	MOTOR ASSY		C118			CK73GB1H104K	CHIP C 0.10UF	K
307	1F		W02-5229-05	NAVIGATION MODULE (GPS-ANT)	K3K4E5	C119			CK73EB1E225K	CHIP C 2.2UF	K
308	3D		W02-5236-05	NAVIGATION MODULE (NAVI-K)	K3K4	C120,121			CK73GB1H104K	CHIP C 0.10UF	K
308	3D		W02-5237-05	NAVIGATION MODULE (NAVI-E)	E5	C122,123			CK73GB1H103K	CHIP C 0.010UF	K
314	2D		X88-2020-18	DIGITAL I/O UNIT	E2M1X1	C124			C93-1367-05	CHIP C 10UF	K
314	2D		X88-2020-18	DIGITAL I/O UNIT	KR1E1	C128,129			CK73GB1H102K	CHIP C 1000PF	K
314	2D		X88-2020-18	DIGITAL I/O UNIT	K3K4E5	C130			CE32AV0J221M	CHIP EL 220UF	6.3WV
314	2D		X88-2020-19	DIGITAL I/O UNIT	E4M2X2	C131-133			CK73GB1H103K	CHIP C 0.010UF	K
314	2D		X88-2020-19	DIGITAL I/O UNIT	K1R2E3	C134			C93-1367-05	CHIP C 10UF	K
VME1	1D		X92-5920-01	DVD MECHANISM ASSY (DVS-8531V)		C136,137			CK73GB1H102K	CHIP C 1000PF	K
VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)						C140			CE32AV1A121M	CHIP EL 120UF	10WV
D600			B30-1767-05	LED	E4M2X2	C141			CK73GB1H103K	CHIP C 0.010UF	K
D600			B30-1767-05	LED	K1R2E3	C142			CK73GB1H473K	CHIP C 0.047UF	K
C1			C90-5670-05	ELECTRO 2200UF 16WV		C143			CK73GB1H102K	CHIP C 1000PF	K
C2,3			CK73GB1H104K	CHIP C 0.10UF K		C145			CC73GCH1H221J	CHIP C 220PF	J
C4			CK73FB1E474K	CHIP C 0.47UF K		C146			CK73GB1H102K	CHIP C 1000PF	K
C5			CE32BF1C221M	CHIP EL 220UF 16WV		C147			CK73GB1H103K	CHIP C 0.010UF	K
C6			CE32BF0J101M	CHIP EL 100UF 6.3WV		C148			CC73GCH1H101J	CHIP C 100PF	J
C7			CK73FBOJ106K	CHIP C 10UF K		C149			CC73GCH1H470J	CHIP C 47PF	J
C8			CK73GB1H104K	CHIP C 0.10UF K		C150			CK73GB1H153K	CHIP C 0.015UF	K
C9			CK73FB1A225K	CHIP C 2.2UF K		C151			CC73GCH1H470J	CHIP C 47PF	J
C10			CK73EB1A106K	CHIP C 10UF K		C152			CK73GB1H223K	CHIP C 0.022UF	K
C11			CK73GB1H103K	CHIP C 0.010UF K		C153			CK73GB1H102K	CHIP C 1000PF	K
C12			CK73EB1A106K	CHIP C 10UF K		C155			CC73GCH1H221J	CHIP C 220PF	J
C13			CK73GB1H103K	CHIP C 0.010UF K		C156,157			CK73GB1H104K	CHIP C 0.10UF	K
C14			CE32BJ1C100M	CHIP EL 10UF 16WV		C158			CK73FBOJ106K	CHIP C 10UF	K
C16			CK73EB1C106K	CHIP C 10UF K		C159			CK73GB1H104K	CHIP C 0.10UF	K
C17			CE32BF1E101M	CHIP EL 100UF 25WV		C160			CK73EB1E225K	CHIP C 2.2UF	K
						C161,162			CK73GB1H104K	CHIP C 0.10UF	K
						C163,164			CK73GB1H103K	CHIP C 0.010UF	K
						C165			C93-1367-05	CHIP C 10UF	K

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C166,167			CE32BM1E470M	CHIP EL 47UF 25WV		C339			CE32BJ0J220M	CHIP EL 22UF 6.3WV	
C168			CK73GB1H103K	CHIP C 0.010UF K		C343-345			CK73GB1H471K	CHIP C 470PF K	
C169,170			CK73GB1H102K	CHIP C 1000PF K		C346			CK73GB1H103K	CHIP C 0.010UF K	
C171			CE32AV0J221M	CHIP EL 220UF 6.3WV		C350-355			CK73GB1A105K	CHIP C 1.0UF K	
C172-174			CK73GB1H103K	CHIP C 0.010UF K		C356			CK73GB1H103K	CHIP C 0.010UF K	
C175			C93-1367-05	CHIP C 10UF K		C361			CK73GB1H104K	CHIP C 0.10UF K	
C176,177			CE32BM1E470M	CHIP EL 47UF 25WV		C362			CK73GB1H103K	CHIP C 0.010UF K	
C178			CK73GB1H104K	CHIP C 0.10UF K		C363			CK73GB1H104K	CHIP C 0.10UF K	
C179,180			CK73GB1H102K	CHIP C 1000PF K		C364			CK73GB1H103K	CHIP C 0.010UF K	
C181			CE32AV0G331M	CHIP EL 330UF 4.0WV		C400-403			CK73GB1A474K	CHIP C 0.47UF K	
C182			CK73GB1H103K	CHIP C 0.010UF K		C404			CK73GB1H103K	CHIP C 0.010UF K	
C183,184			CK73GB1H102K	CHIP C 1000PF K		C405			CE32BJ0J470M	CHIP EL 47UF 6.3WV	
C185			CK73GB1H103K	CHIP C 0.010UF K		C406			CK73GB1H104K	CHIP C 0.10UF K	
C186			CK73GB1H104K	CHIP C 0.10UF K		C407			CK73GB1H103K	CHIP C 0.010UF K	
C187			CK73GB1H103K	CHIP C 0.010UF K		C408-413			CK73GB1A105K	CHIP C 1.0UF K	
C188-201			CK73GB1H104K	CHIP C 0.10UF K		C414			CK73GB1H103K	CHIP C 0.010UF K	
C202			CK73GB1H103K	CHIP C 0.010UF K		C415-420			CK73GB1A105K	CHIP C 1.0UF K	
C203			CK73GB1H104K	CHIP C 0.10UF K		C421			CK73GB1H103K	CHIP C 0.010UF K	
C204			CK73FB0J475K	CHIP C 4.7UF K		C422-426			CK73GB1A105K	CHIP C 1.0UF K	
C205			CK73GB1H104K	CHIP C 0.10UF K		C427			CK73GB1H103K	CHIP C 0.010UF K	
C206			CC73GCH1H220J	CHIP C 22PF J		C428-430			CK73GB1A105K	CHIP C 1.0UF K	
C207			CC73GCH1H180J	CHIP C 18PF J		C431,432			CK73GB1H103K	CHIP C 0.010UF K	
C208,209			CK73GB1H104K	CHIP C 0.10UF K		C433			CK73FB0J106K	CHIP C 10UF K	
C210			CK73GB1H103K	CHIP C 0.010UF K		C435			CE32BJ1C220M	CHIP EL 22UF 16WV	
C212			CK73FB0J106K	CHIP C 10UF K		C436,437			CK73FB0J106K	CHIP C 10UF K	
C213			CK73GB1H221K	CHIP C 220PF K		C451,452			CK73GB1H222K	CHIP C 2200PF K	
C214			CK73GB1H103K	CHIP C 0.010UF K		C463,464			CK73GB0J475K	CHIP C 4.7UF K	
C215-219			CK73GB1H104K	CHIP C 0.10UF K		C465			CK73FB0J106K	CHIP C 10UF K	
C220			CC73GCH1H050C	CHIP C 5.0PF C		C501-511			CK73GB1H104K	CHIP C 0.10UF K	
C221			CK73GB1H104K	CHIP C 0.10UF K		C512,513			CK73FB1A225K	CHIP C 2.2UF K	
C260			CK73GB1H102K	CHIP C 1000PF K		C514			CK73GB1H103K	CHIP C 0.010UF K	
C301			CK73GB1A105K	CHIP C 1.0UF K		C515			CK73GB1H104K	CHIP C 0.10UF K	
C302			CE32AV0J121M	CHIP EL 120UF 6.3WV		C516			CC73GCH1H101J	CHIP C 100PF J	
C303			CK73GB1H104K	CHIP C 0.10UF K		C518			CK73GB1H103K	CHIP C 0.010UF K	
C304-309			CK73GB1H103K	CHIP C 0.010UF K		C519			CK73GB1H104K	CHIP C 0.10UF K	
C310			CC73GCH1H821J	CHIP C 820PF J		C520			CK73GB1H103K	CHIP C 0.010UF K	
C311			CK73GB1A105K	CHIP C 1.0UF K		C521			CK73GB1H104K	CHIP C 0.10UF K	
C312			CK73EB1A106K	CHIP C 10UF K		C522-529			CK73GB1H103K	CHIP C 0.010UF K	
C313			CK73GB1A105K	CHIP C 1.0UF K		C530,531			CK73GB1H104K	CHIP C 0.10UF K	
C314			CK73GB1H682K	CHIP C 6800PF K		C532			CK73GB1H103K	CHIP C 0.010UF K	
C316,317			CK73GB1H104K	CHIP C 0.10UF K		C533			CC73GCH1H050C	CHIP C 5.0PF C	
C318			CK73GB1H103K	CHIP C 0.010UF K		C534,535			CK73GB1H103K	CHIP C 0.010UF K	
C319			CC73GCH1H050C	CHIP C 5.0PF C		C536-538			CK73FB0J106K	CHIP C 10UF K	
C320			CK73GB1A474K	CHIP C 0.47UF K		C539			CE32AV0J121M	CHIP EL 120UF 6.3WV	
C321			CK73GB1H103K	CHIP C 0.010UF K		C600,601			CK73GB1H104K	CHIP C 0.10UF K	
C322			CC73GCH1H080D	CHIP C 8.0PF D		C602			CC73GCH1H331J	CHIP C 330PF J	
C323			CE32AV0J121M	CHIP EL 120UF 6.3WV		C603			CK73GB1H104K	CHIP C 0.10UF K	
C324			CK73GB1H104K	CHIP C 0.10UF K		C605			CK73GB1H104K	CHIP C 0.10UF K	
C327			CK73EB1C106K	CHIP C 10UF K		C608			CK73GB1A105K	CHIP C 1.0UF K	
C328			CK73GB1H104K	CHIP C 0.10UF K		C609			CE32BJ0J470M	CHIP EL 47UF 6.3WV	
C331			CK73GB1H103K	CHIP C 0.010UF K		C611			CK73GB1H104K	CHIP C 0.10UF K	
C332			CC73GCH1H470J	CHIP C 47PF J		C616			CK73GB1H104K	CHIP C 0.10UF K	
C333			CK73GB1H103K	CHIP C 0.010UF K		C618			CK73GB1A105K	CHIP C 1.0UF K	
C334			CK73EB1A106K	CHIP C 10UF K		C619			CK73GB1H103K	CHIP C 0.010UF K	
C335			CK73GB1H103K	CHIP C 0.010UF K		C620			CK73GB1H153K	CHIP C 0.015UF K	

K: DDX7019 **K1:** DDX8019 **K3:** DNX7100 **K4:** DNX710EX (North America)
E1: DDX7029 **E2:** DDX7029Y **E3:** DDX8029 **E4:** DDX8029Y **E5:** DNX7200 (Europe)
R1: DDX7039 **R2:** DDX8039 (Latin America) **X1:** DDX7039 **X2:** DDX8039 (Australia)
M1: DDX7039 **M2:** DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C621			CC73GCH1H151J	CHIP C 150PF J		R6			RK73GH2A104D	CHIP R 100K D	1/10W
C622			CC73GCH1E102J	CHIP C 1000PF J		R7			RK73GH2A513D	CHIP R 51K D	1/10W
C623			CK73GB0J475K	CHIP C 4.7UF K		R8			RK73GH2A333D	CHIP R 33K D	1/10W
C624			CK73FB0J106K	CHIP C 10UF K		R9,10			RK73GB2A224J	CHIP R 220K J	1/10W
C625			CK73GB1A105K	CHIP C 1.0UF K	K3K4E5	R11			RK73GH2A113D	CHIP R 11K D	1/10W
C626-628			CK73GB1H104K	CHIP C 0.10UF K		R12			RK73GH2A104D	CHIP R 100K D	1/10W
C630			CK73GB1H104K	CHIP C 0.10UF K		R13			RK73GH2A683D	CHIP R 68K D	1/10W
CN1			E41-2735-05	PIN ASSY		R14,15			RK73GH2A334D	CHIP R 330K D	1/10W
CN301			E41-2608-05	FLAT CABLE CONNECTOR		R16,17			RK73GB2A224J	CHIP R 220K J	1/10W
CN401			E41-2806-05	PIN ASSY		R18			RK73GB2A100J	CHIP R 10 J	1/10W
CN501			E41-2237-05	FLAT CABLE CONNECTOR		R19			RK73GB2A224J	CHIP R 220K J	1/10W
CN502			E41-2153-05	FLAT CABLE CONNECTOR		R22			RK73GB2A224J	CHIP R 220K J	1/10W
CN503			E41-2766-05	FLAT CABLE CONNECTOR		R24			RK73GB2A303J	CHIP R 30K J	1/10W
CN504			E41-2772-05	PIN ASSY		R25			RK73GB2A224J	CHIP R 220K J	1/10W
CN505			E41-2546-05	PIN ASSY	K3K4E5	R26			RK73GB2A202J	CHIP R 2.0K J	1/10W
CN600			E41-1476-05	PIN ASSY	E4M2X2	R27,28			RK73GB2A224J	CHIP R 220K J	1/10W
CN600			E41-1476-05	PIN ASSY	K1R2E3	R29			RK73GB2A114J	CHIP R 110K J	1/10W
CN601			E41-1486-05	PIN ASSY	E4M2X2	R34			RK73GB2A823J	CHIP R 82K J	1/10W
CN601			E41-1486-05	PIN ASSY	K1R2E3	R35			RK73GB2A103J	CHIP R 10K J	1/10W
J1			E58-1065-05	RECTANGULAR RECEPTACLE		R36			RK73GB2A224J	CHIP R 220K J	1/10W
J501			E11-0638-05	PHONE JACK		R37			RK73GB2A333J	CHIP R 33K J	1/10W
320	2D		F09-2923-05	FAN		R38			RK73GB2A224J	CHIP R 220K J	1/10W
L1			L33-2358-05	CHOKE COIL		R39			RK73GB2A000J	CHIP R 0.0 J	1/10W
L3			L33-2369-05	CHOKE COIL		R40			RK73GB2A153J	CHIP R 15K J	1/10W
L101			L33-2369-05	CHOKE COIL		R41			RK73GB2A272J	CHIP R 2.7K J	1/10W
L102			L33-2370-05	CHOKE COIL		R42			RK73GB2A000J	CHIP R 0.0 J	1/10W
L103			L33-2369-05	CHOKE COIL		R43			RK73GB2A472J	CHIP R 4.7K J	1/10W
L104,105			L33-2370-05	CHOKE COIL		R44			RK73GB2A561J	CHIP R 560 J	1/10W
L106			L33-2417-05	CHOKE COIL		R45			RK73GB2A223J	CHIP R 22K J	1/10W
L107			L33-2369-05	CHOKE COIL		R46			RK73GB2A153J	CHIP R 15K J	1/10W
L108			L33-2370-05	CHOKE COIL		R47,48			RK73GB2A221J	CHIP R 220 J	1/10W
L201			L92-0319-05	CHIP FERRITE		R50			RK73GB2A302J	CHIP R 3.0K J	1/10W
L301-303			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R51			RK73GB2A332J	CHIP R 3.3K J	1/10W
L305			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R52			RK73GB2A272J	CHIP R 2.7K J	1/10W
L401,402			L92-0319-05	CHIP FERRITE		R53			RK73GB2A393J	CHIP R 39K J	1/10W
L403			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R54			RK73GB2A113J	CHIP R 11K J	1/10W
L404			L92-0319-05	CHIP FERRITE		R55			RK73GB2A302J	CHIP R 3.0K J	1/10W
L501			L33-2369-05	CHOKE COIL		R56			RK73GB2A332J	CHIP R 3.3K J	1/10W
L502			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R57			RK73GB2A272J	CHIP R 2.7K J	1/10W
L601,602			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R58			RK73GB2A393J	CHIP R 39K J	1/10W
X201			L78-1210-05	RESONATOR (4.95MHZ)		R59			RK73GB2A113J	CHIP R 11K J	1/10W
X202			L77-2917-15	CRYSTAL RESONATOR (32.768KHZ)		R63			RK73GB2A103J	CHIP R 10K J	1/10W
X301			L77-2905-05	CRYSTAL RESONATOR (3.579545MHZ)		R65			RK73GB2A103J	CHIP R 10K J	1/10W
X302			L77-2906-05	CRYSTAL RESONATOR (4.433619MHZ)		R66			RK73GB2A302J	CHIP R 3.0K J	1/10W
X600			L78-0549-05	RESONATOR (15.734KHZ)		R67			RK73GB2A332J	CHIP R 3.3K J	1/10W
Q	2D	*	N09-6498-05	MACHINE SCREW (M3.0X11)		R68			RK73GB2A272J	CHIP R 2.7K J	1/10W
CP401			RK74GB1J222J	CHIP-COM 2.2K J 1/16W		R69			RK73GB2A333J	CHIP R 33K J	1/10W
CP402,403			RK74GB1J103J	CHIP-COM 10K J 1/16W		R70			RK73GB2A203J	CHIP R 20K J	1/10W
R1,2			RK73EB2E622J	CHIP R 6.2K J 1/4W		R71,72			RK73GB2A000J	CHIP R 0.0 J	1/10W
R3			RK73GB2A153J	CHIP R 15K J 1/10W		R73,74			RK73GB2A101J	CHIP R 100 J	1/10W
R4			RK73GB2A912J	CHIP R 9.1K J 1/10W		R75			RK73GB2A000J	CHIP R 0.0 J	1/10W
R5			RK73GB2A473J	CHIP R 47K J 1/10W		R76,77			RK73GB2A101J	CHIP R 100 J	1/10W
						R79			RK73GB2A000J	CHIP R 0.0 J	1/10W
						R81-84			RK73GB2A000J	CHIP R 0.0 J	1/10W
						R86			RK73GB2A000J	CHIP R 0.0 J	1/10W

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R102,103			RK73GH2A561D	CHIP R 560 D 1/10W		R213			RK73GB2A473J	CHIP R 47K J 1/10W	
R104			RK73GH2A333D	CHIP R 33K D 1/10W		R214-225			RK73GB2A101J	CHIP R 100 J 1/10W	
R105			RK73GH2A622D	CHIP R 6.2K D 1/10W		R226,227			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R106			RK73GB2A000J	CHIP R 0.0 J 1/10W		R228			RK73GB2A104J	CHIP R 100K J 1/10W	
R107			RK73GH2A912D	CHIP R 9.1K D 1/10W		R229			RK73GB2A473J	CHIP R 47K J 1/10W	
R108			RK73GB2A103J	CHIP R 10K J 1/10W		R230			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R111			RK73GB2A000J	CHIP R 0.0 J 1/10W		R231			RK73GB2A473J	CHIP R 47K J 1/10W	
R112			RK73GB2A333J	CHIP R 33K J 1/10W		R232-234			RK73GB2A101J	CHIP R 100 J 1/10W	
R114			RK73GB2A000J	CHIP R 0.0 J 1/10W		R235			RK73GB2A473J	CHIP R 47K J 1/10W	
R115			RK73GB2A683J	CHIP R 68K J 1/10W		R236-238			RK73GB2A101J	CHIP R 100 J 1/10W	
R116			RK73GH2A333D	CHIP R 33K D 1/10W		R239			RK73GB2A473J	CHIP R 47K J 1/10W	
R117			RK73GH2A562D	CHIP R 5.6K D 1/10W		R240-242			RK73GB2A101J	CHIP R 100 J 1/10W	
R118			RK73GH2A681D	CHIP R 680 D 1/10W		R245-248			RK73GB2A473J	CHIP R 47K J 1/10W	
R120			RK73EB2E100J	CHIP R 10 J 1/4W		R249			RK73GB2A123J	CHIP R 12K J 1/10W	
R121			RK73GB2A220J	CHIP R 22 J 1/10W		R250			RK73GB2A473J	CHIP R 47K J 1/10W	
R122-124			RK73GB2A000J	CHIP R 0.0 J 1/10W		R251			RK73GB2A101J	CHIP R 100 J 1/10W	
R126			RK73EB2E100J	CHIP R 10 J 1/4W		R252			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R127			R92-5158-05	CHIP R 0.022 J 1/4W		R253,254			RK73GB2A473J	CHIP R 47K J 1/10W	
R129			RK73GB2A000J	CHIP R 0.0 J 1/10W		R255			RK73GB2A103J	CHIP R 10K J 1/10W	E4X2E5
R130			RK73GB2A220J	CHIP R 22 J 1/10W		R255			RK73GB2A103J	CHIP R 10K J 1/10W	R1E1E2
R131			RK73GB2A000J	CHIP R 0.0 J 1/10W		R255			RK73GB2A103J	CHIP R 10K J 1/10W	X1R2E3
R132,133			RK73GH2A561D	CHIP R 560 D 1/10W		R255-258			RK73GB2A103J	CHIP R 10K J 1/10W	M1M2
R134			RK73EB2E100J	CHIP R 10 J 1/4W		R256			RK73GB2A303J	CHIP R 30K J 1/10W	X1X2
R136,137			R92-5160-05	CHIP R 0.047 J 1/4W		R256			RK73GB2A332J	CHIP R 3.3K J 1/10W	E1E2E3
R138			RK73GB2A000J	CHIP R 0.0 J 1/10W		R256			RK73GB2A332J	CHIP R 3.3K J 1/10W	E4E5
R143			RK73GH2A333D	CHIP R 33K D 1/10W		R256-258			RK73GB2A103J	CHIP R 10K J 1/10W	KK1
R144			RK73GH2A103D	CHIP R 10K D 1/10W		R256,257			RK73GB2A103J	CHIP R 10K J 1/10W	K3K4
R145			RK73GH2A561D	CHIP R 560 D 1/10W		R257			RK73GB2A103J	CHIP R 10K J 1/10W	E5
R146			RK73GB2A103J	CHIP R 10K J 1/10W		R257,258			RK73GB2A103J	CHIP R 10K J 1/10W	E4X2
R149			RK73GB2A000J	CHIP R 0.0 J 1/10W		R257,258			RK73GB2A103J	CHIP R 10K J 1/10W	R1E1E2
R150			RK73GB2A683J	CHIP R 68K J 1/10W		R257,258			RK73GB2A103J	CHIP R 10K J 1/10W	X1R2E3
R152			RK73GB2A000J	CHIP R 0.0 J 1/10W		R259			RK73GB2A103J	CHIP R 10K J 1/10W	K3K4E5
R153			RK73GB2A683J	CHIP R 68K J 1/10W		R260			RK73GB2A104J	CHIP R 100K J 1/10W	
R154			RK73GH2A333D	CHIP R 33K D 1/10W		R261			RK73GB2A103J	CHIP R 10K J 1/10W	E4M2X2
R155			RK73GH2A562D	CHIP R 5.6K D 1/10W		R261			RK73GB2A103J	CHIP R 10K J 1/10W	K1R2E3
R156			RK73GH2A681D	CHIP R 680 D 1/10W		R262			RK73GB2A103J	CHIP R 10K J 1/10W	E2M1X1
R158			RK73EB2E100J	CHIP R 10 J 1/4W		R262			RK73GB2A103J	CHIP R 10K J 1/10W	KR1E1
R159			RK73GB2A220J	CHIP R 22 J 1/10W		R262			RK73GB2A103J	CHIP R 10K J 1/10W	K3K4E5
R160-163			RK73GB2A000J	CHIP R 0.0 J 1/10W		R263			RK73GB2A101J	CHIP R 100 J 1/10W	
R164			RK73EB2E100J	CHIP R 10 J 1/4W		R265			RK73GB2A103J	CHIP R 10K J 1/10W	
R165,166			R92-5158-05	CHIP R 0.022 J 1/4W		R267			RK73GB2A473J	CHIP R 47K J 1/10W	
R167			RK73GB2A000J	CHIP R 0.0 J 1/10W		R275,276			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R168			RK73GB2A220J	CHIP R 22 J 1/10W		R279,280			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R169-171			RK73GB2A000J	CHIP R 0.0 J 1/10W		R301			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R173			RK73EB2E100J	CHIP R 10 J 1/4W		R302			RK73GB2A473J	CHIP R 47K J 1/10W	
R175			R92-5159-05	CHIP R 0.033 J 1/4W		R303			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R176			RK73GB2A000J	CHIP R 0.0 J 1/10W		R304			RK73GB2A681J	CHIP R 680 J 1/10W	
R178-180			RK73GB2A000J	CHIP R 0.0 J 1/10W		R305			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R200			RK73GB2A221J	CHIP R 220 J 1/10W		R306			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R201			RK73GB2A473J	CHIP R 47K J 1/10W		R307			RK73GH2A183D	CHIP R 18K D 1/10W	
R202,203			RK73GB2A000J	CHIP R 0.0 J 1/10W		R308			RK73GB2A473J	CHIP R 47K J 1/10W	
R204			RK73GB2A473J	CHIP R 47K J 1/10W		R310			RK73GB2A561J	CHIP R 560 J 1/10W	
R205-208			RK73GB2A101J	CHIP R 100 J 1/10W		R311			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R211			RK73GB2A103J	CHIP R 10K J 1/10W		R312			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R212			RK73GB2A332J	CHIP R 3.3K J 1/10W		R313			RK73GB2A105J	CHIP R 1.0M J 1/10W	

K: DDX7019 **K1:** DDX8019 **K3:** DNX7100 **K4:** DNX710EX (North America)
E1: DDX7029 **E2:** DDX7029Y **E3:** DDX8029 **E4:** DDX8029Y **E5:** DNX7200 (Europe)
R1: DDX7039 **R2:** DDX8039 (Latin America) **X1:** DDX7039 **X2:** DDX8039 (Australia)
M1: DDX7039 **M2:** DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Ad	New	Parts No.	Description	Destination	Ref. No.	Ad	New	Parts No.	Description	Destination
R316			RK73GH2A222D	CHIP R 2.2K D 1/10W		R444			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R317			RK73GB2A822J	CHIP R 8.2K J 1/10W		R445-448			RK73GB2A101J	CHIP R 100 J 1/10W	
R318			RK73GB2A562J	CHIP R 5.6K J 1/10W		R449			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R319			RK73GH2A681D	CHIP R 680 D 1/10W		R450			RK73GB2A221J	CHIP R 220 J 1/10W	
R320-322			RK73GB2A000J	CHIP R 0.0 J 1/10W		R451			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R323,324			RK73GB2A103J	CHIP R 10K J 1/10W		R452-457			RK73GB2A101J	CHIP R 100 J 1/10W	
R325			RK73GB2A000J	CHIP R 0.0 J 1/10W		R458			RK73GB2A751J	CHIP R 750 J 1/10W	
R326			RK73GB2A103J	CHIP R 10K J 1/10W		R459			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R327-329			RK73GB2A101J	CHIP R 100 J 1/10W		R461,462			RK73GB2A473J	CHIP R 47K J 1/10W	
R331			RK73GH2A333D	CHIP R 33K D 1/10W		R463			RK73FB2B101J	CHIP R 100 J 1/8W	
R332			RK73GB2A361J	CHIP R 360 J 1/10W		R464			RK73EB2E101J	CHIP R 100 J 1/4W	
R334			RK73GB2A361J	CHIP R 360 J 1/10W		R500			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R335,336			RK73GB2A303J	CHIP R 30K J 1/10W		R503			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R337			RK73GB2A100J	CHIP R 10 J 1/10W		R507-515			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R338			RK73GB2A102J	CHIP R 1.0K J 1/10W		R518,519			RK73GB2A223J	CHIP R 22K J 1/10W	
R339			RK73GB2A000J	CHIP R 0.0 J 1/10W		R520,521			RK73GB2A471J	CHIP R 470 J 1/10W	
R340-342			RK73GB2A101J	CHIP R 100 J 1/10W		R522			RK73GB2A101J	CHIP R 100 J 1/10W	
R347			RK73GH2A202D	CHIP R 2.0K D 1/10W		R523,524			RK73GB2A473J	CHIP R 47K J 1/10W	
R348			RK73GH2A102D	CHIP R 1.0K D 1/10W		R525-527			RK73GB2A101J	CHIP R 100 J 1/10W	
R349			RK73GH2A202D	CHIP R 2.0K D 1/10W		R528,529			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R350			RK73GH2A102D	CHIP R 1.0K D 1/10W		R532			RK73GB2A221J	CHIP R 220 J 1/10W	
R351			RK73GH2A202D	CHIP R 2.0K D 1/10W		R534			RK73GB2A100J	CHIP R 10 J 1/10W	
R352			RK73GH2A102D	CHIP R 1.0K D 1/10W		R535			RK73GB2A151J	CHIP R 150 J 1/10W	
R353-355			RK73GB2A222J	CHIP R 2.2K J 1/10W		R536			RK73EB2E750J	CHIP R 75 J 1/4W	
R356			RK73GH2A103D	CHIP R 10K D 1/10W		R537,538			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R357			RK73GH2A203D	CHIP R 20K D 1/10W		R539,540			RK73GB2A100J	CHIP R 10 J 1/10W	K3K4E5
R358			RK73GH2A103D	CHIP R 10K D 1/10W		R541			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R359			RK73GH2A203D	CHIP R 20K D 1/10W		R542			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R360			RK73GH2A103D	CHIP R 10K D 1/10W		R543			RK73GB2A103J	CHIP R 10K J 1/10W	
R361			RK73GH2A203D	CHIP R 20K D 1/10W		R544			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R370-386			RK73GB2A101J	CHIP R 100 J 1/10W		R550			RK73GB2A104J	CHIP R 100K J 1/10W	K3K4E5
R388,389			RK73GB2A101J	CHIP R 100 J 1/10W		R551			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R400-403			RK73EB2E100J	CHIP R 10 J 1/4W		R552			RK73GB2A101J	CHIP R 100 J 1/10W	
R404			RK73GB2A100J	CHIP R 10 J 1/10W		R553,554			RK73GB2A104J	CHIP R 100K J 1/10W	K3K4E5
R405			RK73GB2A202J	CHIP R 2.0K J 1/10W		R555			RK73GB2A101J	CHIP R 100 J 1/10W	
R410,411			RK73GB2A223J	CHIP R 22K J 1/10W		R600			RK73GB2A471J	CHIP R 470 J 1/10W	E4M2X2
R412			RK73GB2A202J	CHIP R 2.0K J 1/10W		R600			RK73GB2A471J	CHIP R 470 J 1/10W	K1R2E3
R413			RK73GB2A750J	CHIP R 75 J 1/10W		R601			RK73GB2A101J	CHIP R 100 J 1/10W	
R414			RK73GB2A222J	CHIP R 2.2K J 1/10W		R602			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R415			RK73GB2A102J	CHIP R 1.0K J 1/10W		R603			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R416-418			RK73GB2A000J	CHIP R 0.0 J 1/10W		R604			RK73GB2A361J	CHIP R 360 J 1/10W	
R420			RK73GB2A103J	CHIP R 10K J 1/10W		R609,610			RK73GB2A471J	CHIP R 470 J 1/10W	
R421			RK73GB2A000J	CHIP R 0.0 J 1/10W		R611			RK73GB2A914J	CHIP R 910K J 1/10W	
R422-424			RK73GB2A101J	CHIP R 100 J 1/10W		R612			RK73GB2A162J	CHIP R 1.6K J 1/10W	
R425-430			RK73GB2A102J	CHIP R 1.0K J 1/10W		R613			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R431			RK73GB2A000J	CHIP R 0.0 J 1/10W		R616			RK73GH2A182D	CHIP R 1.8K D 1/10W	
R432-435			RK73GB2A101J	CHIP R 100 J 1/10W		R617			RK73GH2A391D	CHIP R 390 D 1/10W	
R436			RK73GB2A751J	CHIP R 750 J 1/10W		R618			RK73GB2A302J	CHIP R 3.0K J 1/10W	
R437			RK73GB2A102J	CHIP R 1.0K J 1/10W		R630			RK73GB2A473J	CHIP R 47K J 1/10W	
R438			RK73GB2A101J	CHIP R 100 J 1/10W		R637-639			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1E2E3
R439			RK73GB2A751J	CHIP R 750 J 1/10W		R637-639			RK73GB2A000J	CHIP R 0.0 J 1/10W	E4R1R2
R440			RK73GB2A102J	CHIP R 1.0K J 1/10W		R637-639			RK73GB2A000J	CHIP R 0.0 J 1/10W	KK1M1
R441			RK73GB2A101J	CHIP R 100 J 1/10W		R637-639			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1X2
R442			RK73GB2A751J	CHIP R 750 J 1/10W		R638,639			RK73GB2A000J	CHIP R 0.0 J 1/10W	K3K4E5
R443			RK73GB2A102J	CHIP R 1.0K J 1/10W		R642			RK73GB2A000J	CHIP R 0.0 J 1/10W	

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R643			RK73GB2A101J	CHIP R 100 J 1/10W		IC406			MM1503-E	ANALOGUE IC	
R644,645			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC407,408			TC4052BFT	MOS-IC	
R646			RK73GB2A101J	CHIP R 100 J 1/10W		IC501			LB1836M-TLM-E	ANALOGUE IC	
R647,648			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC502			TC7SET04FU-F	MOS-IC	
R649			RK73GB2A101J	CHIP R 100 J 1/10W		IC600			TC7WH14FU-F	MOS-IC	
R650			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1E2E3	IC601			TC7W34FU-F	MOS-IC	
R650			RK73GB2A000J	CHIP R 0.0 J 1/10W	E4R1R2	IC604			TC7WHU04FU-F	MOS-IC	K3K4E5
R650			RK73GB2A000J	CHIP R 0.0 J 1/10W	KK1M1	IC605			NJW1303V-ZB	ANALOGUE IC	
R650			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1X2	IC606			TC7WH74FU-F	MOS-IC	
R652			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC607			TC7WH157FU-F	MOS-IC	
R653			RK73GB2A101J	CHIP R 100 J 1/10W		IC608			TC7SH04FU-F	MOS-IC	
R655			RK73GB2A000J	CHIP R 0.0 J 1/10W		IC609			TC7WH157FU-F	MOS-IC	K3K4E5
R656			RK73GH2A151D	CHIP R 150 D 1/10W		IC610			SI-3033LUSNF	ANALOGUE IC	
R657			RK73GB2A202J	CHIP R 2.0K J 1/10W	K3K4E5	Q1,2			2SC4081	TRANSISTOR	
R658			RK73GB2A562J	CHIP R 5.6K J 1/10W	K3K4E5	Q3			2SA1576A	TRANSISTOR	
D2			DAN202U	DIODE		Q4			2SC4081	TRANSISTOR	
D3			UDZS6.2B	ZENER DIODE		Q5			2SA1576A	TRANSISTOR	
D4			EP05Q04	DIODE		Q6			2SC4081	TRANSISTOR	
D5			1SR154-400	DIODE		Q7			DTA114EUA	DIGITAL TRANSISTOR	
D101-104			1SS357-F	DIODE		Q8			DTC114YUA	DIGITAL TRANSISTOR	
D312-320	*		CVS10A120M	VARISTOR		Q9			DTA114TUA	DIGITAL TRANSISTOR	
D322,323	*		CVS10A120M	VARISTOR		Q10			DTC114YUA	DIGITAL TRANSISTOR	
D324	*		CVS10A180M	VARISTOR		Q13			2SC4081	TRANSISTOR	
D400	*		CVL10C270M300	VARISTOR		Q14			2SB1184	TRANSISTOR	
D401,402	*		CVS10A120M	VARISTOR		Q15,16			2SC4081	TRANSISTOR	
D403			DAP202U	DIODE		Q17			2SA1576A	TRANSISTOR	
D404			UDZS4.7B	ZENER DIODE		Q19			DTC114YUA	DIGITAL TRANSISTOR	
D407	*		CVS10A120M	VARISTOR		Q20,21			2SA1576A	TRANSISTOR	
D408	*		CVL10C270M300	VARISTOR		Q22			TPC8110-F	FET	
D502	*		CVL10C270M300	VARISTOR		Q23			2SC4081	TRANSISTOR	
D503			DA204U	DIODE		Q24			2SA1576A	TRANSISTOR	
D506			DAP202U	DIODE		Q25			DTC114YUA	DIGITAL TRANSISTOR	
IC1			SI-3033KMS	ANALOGUE IC		Q26			2SB1689	TRANSISTOR	
IC10			NJM4565V-ZB	ANALOGUE IC		Q31			2SB1184	TRANSISTOR	
IC101,102			LTC3728LEGN	ANALOGUE IC		Q32			2SC4081	TRANSISTOR	
IC201	*		703261YGC320A	MICROCONTROLLER IC		Q33			2SA1576A	TRANSISTOR	
IC202			S1000N30N4T1G	ANALOGUE IC		Q34			2SC4081	TRANSISTOR	
IC203			W05-1260-00	ROM IC	KK1	Q35			2SB1184	TRANSISTOR	
IC203			W05-1260-00	ROM IC	K3K4	Q36			2SC4081	TRANSISTOR	
IC203			W05-1261-00	ROM IC	E1E2E3	Q37			2SA1576A	TRANSISTOR	
IC203			W05-1261-00	ROM IC	E4E5	Q38			2SC4081	TRANSISTOR	
IC203			W05-1262-00	ROM IC	M1M2	Q43			2SB1184	TRANSISTOR	
IC203			W05-1263-00	ROM IC	X1X2	Q44			2SC4081	TRANSISTOR	
IC203			W05-1263-00	ROM IC	R1R2	Q45			2SA1576A	TRANSISTOR	
IC205			TC7SET08FU-F	MOS-IC		Q46			2SC4081	TRANSISTOR	
IC206			TC7SH08FU-F	MOS-IC		Q101			DTC114YUA	DIGITAL TRANSISTOR	
IC301			RB5P0090M	ANALOGUE IC		Q103			DTC144EUA	DIGITAL TRANSISTOR	
IC303			TC7WH123FU-F	MOS-IC		Q104,105			HAT2218R-E	DUAL FET	
IC304			TC7SH04FU-F	MOS-IC		Q106			DTC144EUA	DIGITAL TRANSISTOR	
IC305			MM1234XFBE-E	ANALOGUE IC		Q108			DTC144EUA	DIGITAL TRANSISTOR	
IC400			NJM2505AF-ZB	ANALOGUE IC		Q109,110			HAT2218R-E	DUAL FET	
IC401			NJM2794RB2ZB	ANALOGUE IC		Q111			DTC144EUA	DIGITAL TRANSISTOR	
IC402			BUJ2090FS	MOS-IC		Q201			DTC114EUA	DIGITAL TRANSISTOR	
IC403,404			MM1234XFBE-E	ANALOGUE IC		Q203			DTA114EUA	DIGITAL TRANSISTOR	
IC405			BA7649F	ANALOGUE IC		Q204			DTC114YUA	DIGITAL TRANSISTOR	

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO CONTROL UNIT (X15-101x-xx/112x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination
Q205			DTA114EUA	DIGITAL TRANSISTOR	
Q206			DTC114YUA	DIGITAL TRANSISTOR	
Q207			DTB123YK	DIGITAL TRANSISTOR	
Q301			2SC4081	TRANSISTOR	
Q306-308			2SA1576A	TRANSISTOR	
Q401			2SA1576A	TRANSISTOR	
Q501			DTA114EUA	DIGITAL TRANSISTOR	K3K4E5
Q502			2SA1576A	TRANSISTOR	K3K4E5
Q504			2SA1576A	TRANSISTOR	
Q505			DTC114EUA	DIGITAL TRANSISTOR	K3K4E5
Q506,507			DTC323TU	DIGITAL TRANSISTOR	
Q508			2SC3437-F(Y)	TRANSISTOR	
Q509			DTA114EUA	DIGITAL TRANSISTOR	
Q600			DTA114EUA	DIGITAL TRANSISTOR	E4M2X2
Q600			DTA114EUA	DIGITAL TRANSISTOR	K1R2E3
Q601			DTC114YUA	DIGITAL TRANSISTOR	E4M2X2
Q601			DTC114YUA	DIGITAL TRANSISTOR	K1R2E3
Q602			2SA1576A	TRANSISTOR	
Q604			DTC114YUA	DIGITAL TRANSISTOR	
Q605			DTA114YUA	DIGITAL TRANSISTOR	

VIDEO UNIT (X35-4840-10/4920-10)

C1,2			CK73DF1E106Z	CHIP C	10UF	Z
C3-6			CK73GB1H103K	CHIP C	0.010UF	K
C7,8			CK73GB0J225K	CHIP C	2.2UF	K
C9			CK73GB1A474K	CHIP C	0.47UF	K
C10			CK73GB1E183K	CHIP C	0.018UF	K
C11			CK73GB1H152K	CHIP C	1500PF	K
C12			CK73GB0J225K	CHIP C	2.2UF	K
C13			CK73GB1H103K	CHIP C	0.010UF	K
C14,15			CK73GB1H473K	CHIP C	0.047UF	K
C16			C93-1383-05	CHIP C	220PF	F
C17			CK73GB1H103K	CHIP C	0.010UF	K
C18-20			CK73DF1E106Z	CHIP C	10UF	Z
C21-24			C93-1283-05	CHIP C	1.0UF	K
C25			C93-1270-05	CHIP C	3300PF	K
C26			C93-1273-05	CHIP C	15PF	J
C27			C93-1278-05	CHIP C	0.018UF	K
C28			CK73EB1C106K	CHIP C	10UF	K
C29			CK73GB1H104K	CHIP C	0.10UF	K
C101			CK73FB0J106K	CHIP C	10UF	K
C102			CK73GB1H103K	CHIP C	0.010UF	K
C103			CK73GB1H104K	CHIP C	0.10UF	K
C104			CK73GB1H103K	CHIP C	0.010UF	K
C106			CK73FB1E154K	CHIP C	0.15UF	K
C107			CC73GCH1H102J	CHIP C	1000PF	J
C108			CK73GB1C224K	CHIP C	0.22UF	K
C109			CC73GCH1H151J	CHIP C	150PF	J
C110			CK73EB1E225K	CHIP C	2.2UF	K
C111			CK73FB1C105K	CHIP C	1.0UF	K
C112			CE32AU1C220M	CHIP EL	22UF	16WV
C114			CK73GB1H103K	CHIP C	0.010UF	K
C116			CK73EB1C106K	CHIP C	10UF	K
C117			CK73GB1H103K	CHIP C	0.010UF	K
C120-122			CK73GB1H104K	CHIP C	0.10UF	K
C123			CC73GCH1H102J	CHIP C	1000PF	J

Ref. No.	Add	New	Parts No.	Description	Destination
C202			CK73DF1E106Z	CHIP C	10UF Z
C203			CK73GB1H103K	CHIP C	0.010UF K
C204			CC73GCH1H560J	CHIP C	56PF J
C205			CK73DF1E106Z	CHIP C	10UF Z
C206			CK73GB1H103K	CHIP C	0.010UF K
C221			CK73GB1H104K	CHIP C	0.10UF K
C222			CC73GCH1H102J	CHIP C	1000PF J
C223-225			CK73EB1C106K	CHIP C	10UF K
C313			CK73DF1E106Z	CHIP C	10UF Z
C314			CK73GB1H104K	CHIP C	0.10UF K
C315			CK73GB1H103K	CHIP C	0.010UF K
C316			CK73FB0J106K	CHIP C	10UF K
C329			CK73EB1C106K	CHIP C	10UF K
C332			CK73GB1H103K	CHIP C	0.010UF K
C338,339			CK73GB1H104K	CHIP C	0.10UF K
C343			CK73EB1E105K	CHIP C	1.0UF K
C344,345			CK73FB0J106K	CHIP C	10UF K
C346			CK73FB1C105K	CHIP C	1.0UF K
C350			CK73FB0J106K	CHIP C	10UF K
C351			CK73GB1H104K	CHIP C	0.10UF K
C400,401			CC73GCH1H102J	CHIP C	1000PF J
C402,403			CK73GB1A105K	CHIP C	1.0UF K
C404-412			CK73GB1H104K	CHIP C	0.10UF K
C413			CK73FB0J106K	CHIP C	10UF K
C414-419			CK73GB1H104K	CHIP C	0.10UF K
C421			CK73GB1H104K	CHIP C	0.10UF K
C422			CC73GCH1H050C	CHIP C	5.0PF C
C423,424			CK73GB1H104K	CHIP C	0.10UF K
C425			CK73GB1H103K	CHIP C	0.010UF K
C426			CK73FB0J106K	CHIP C	10UF K
C427			CK73GB1H103K	CHIP C	0.010UF K
C428,429			CK73GB1H104K	CHIP C	0.10UF K
C430			CC73GCH1H220J	CHIP C	22PF J
C431			CC73GCH1H270J	CHIP C	27PF J
C432			CK73GB1H104K	CHIP C	0.10UF K
C433			CK73FB1A475K	CHIP C	4.7UF K
C434,435			CK73GB1H103K	CHIP C	0.010UF K
C436			CK73FB0J106K	CHIP C	10UF K
C437-442			CK73GB1H104K	CHIP C	0.10UF K
C448			CC73GCH1H102J	CHIP C	1000PF J
C452			CK73GB1H104K	CHIP C	0.10UF K
C454			CK73GB1H104K	CHIP C	0.10UF K
C455			CC73GCH1H101J	CHIP C	100PF J
C456			CK73GB1H104K	CHIP C	0.10UF K
C457			CK73FB1A475K	CHIP C	4.7UF K
C500,501			CK73GB1H103K	CHIP C	0.010UF K
C502			CK73FB0J106K	CHIP C	10UF K
C600			CK73FB0J106K	CHIP C	10UF K
CN1			E41-2642-05	PIN ASSY	
CN102			E41-2359-05	PIN ASSY	
CN300			E41-2608-05	FLAT CABLE CONNECTOR	
CN301			E41-2208-05	FLAT CABLE CONNECTOR	
CN500			E41-2088-05	FLAT CABLE CONNECTOR	
CN600			E41-2613-05	FLAT CABLE CONNECTOR	

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO UNIT (X35-4840-10/4920-10)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
F1			F53-0297-05	FUSE (UL,CSA) 1.6A		R202			RK73GB2A223J	CHIP R 22K J 1/10W	
F100			F53-0280-05	FUSE 0.63A		R206			RK73GH2A392D	CHIP R 3.9K D 1/10W	
L1			L33-2316-05	CHOKE COIL		R207			RK73GH2A222D	CHIP R 2.2K D 1/10W	
L2			L19-0802-05	TRANSFORMER FOR CONVERTER		R208			RK73GH2A123D	CHIP R 12K D 1/10W	
L100			L41-4792-13	SMALL FIXED INDUCTOR (4.7UH)		R209,210			RK73GB2A000J	CHIP R 0.0 J 1/10W	
L101			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R212			RK73GB2A000J	CHIP R 0.0 J 1/10W	
L102,103			L41-3392-13	SMALL FIXED INDUCTOR (3.3UH)		R214,215			RK73GB2A470J	CHIP R 47 J 1/10W	
L104,105			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R216			RK73GB2A101J	CHIP R 100 J 1/10W	
L106			L33-2316-05	CHOKE COIL		R220			RK73GB2A432J	CHIP R 4.3K J 1/10W	
L200			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R221			RK73GB2A152J	CHIP R 1.5K J 1/10W	
L300-304			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R222			RK73GB2A222J	CHIP R 2.2K J 1/10W	
L305-307			L92-0319-05	CHIP FERRITE		R223,224			RK73GB2A473J	CHIP R 47K J 1/10W	
L308			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R300-302			RK73GB2A000J	CHIP R 0.0 J 1/10W	
L309-312			L92-0319-05	CHIP FERRITE		R303,304			RK73EB2E101J	CHIP R 100 J 1/4W	
L314			L41-8281-15	SMALL FIXED INDUCTOR (0.82U)		R305,306			RK73GB2A000J	CHIP R 0.0 J 1/10W	
L501			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R307-309			RK73GB2A101J	CHIP R 100 J 1/10W	
L600			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R311			RK73GB2A101J	CHIP R 100 J 1/10W	
X300		*	L77-2965-05	CRYSTAL RESONATOR (12.000MHZ)		R316,317			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R1			RK73FB2B152J	CHIP R 1.5K J 1/8W		R356			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R2,3			RK73GB2A000J	CHIP R 0.0 J 1/10W		R389			RK73GB2A562J	CHIP R 5.6K J 1/10W	
R5			RK73GB2A153J	CHIP R 15K J 1/10W		R390-395			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R7			RK73GB2A222J	CHIP R 2.2K J 1/10W		R400,401			RK73GB2A101J	CHIP R 100 J 1/10W	
R8			RK73GB2A220J	CHIP R 22 J 1/10W		R405-407			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R9			RK73GH2A433D	CHIP R 43K D 1/10W		R409			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R10			RK73GB2A220J	CHIP R 22 J 1/10W		R415			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R11			RK73GB2A515J	CHIP R 5.1M J 1/10W		R416			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R12			RK73GH2A513D	CHIP R 51K D 1/10W		R418-420			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R13			RK73GB2A104J	CHIP R 100K J 1/10W		R421			RK73GB2A820J	CHIP R 82 J 1/10W	
R14			RK73GH2A164D	CHIP R 160K D 1/10W		R422			RK73GB2A300J	CHIP R 30 J 1/10W	
R15			RK73GB2A472J	CHIP R 4.7K J 1/10W		R423-431			RK73GB2A101J	CHIP R 100 J 1/10W	
R16			RK73GB2A105J	CHIP R 1.0M J 1/10W		R435			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R17			RK73GB2A512J	CHIP R 5.1K J 1/10W		R436			RK73GB2A221J	CHIP R 220 J 1/10W	
R18			RK73GH2A563D	CHIP R 56K D 1/10W		R446			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R19			RK73GH2A754D	CHIP R 750K D 1/10W		R448			RK73GB2A473J	CHIP R 47K J 1/10W	
R20			RK73GB2A512J	CHIP R 5.1K J 1/10W		R449			RK73GB2A101J	CHIP R 100 J 1/10W	
R21-24			RK73GB2A220J	CHIP R 22 J 1/10W		R455			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R25			RK73GH2A471D	CHIP R 470 D 1/10W		R456,457			RK73GB2A330J	CHIP R 33 J 1/10W	
R27			RK73GH2A103D	CHIP R 10K D 1/10W		R459,460			RK73GB2A330J	CHIP R 33 J 1/10W	
R30			RK73GB2A152J	CHIP R 1.5K J 1/10W		R461			RK73GB2A103J	CHIP R 10K J 1/10W	
R31			RK73GB2A472J	CHIP R 4.7K J 1/10W		R462-464			RK73GB2A330J	CHIP R 33 J 1/10W	
R32			RK73GB2A222J	CHIP R 2.2K J 1/10W		R483			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R33			RK73GB2A103J	CHIP R 10K J 1/10W		R500,501			RK73GB2A333J	CHIP R 33K J 1/10W	
R34			RK73GB2A000J	CHIP R 0.0 J 1/10W		R504-507			RK73EB2E100J	CHIP R 10 J 1/4W	
R101			RK73GH2A184D	CHIP R 180K D 1/10W		R600-603			RK73EB2E101J	CHIP R 100 J 1/4W	
R102			RK73GH2A163D	CHIP R 16K D 1/10W		R604			RK73EB2E100J	CHIP R 10 J 1/4W	
R103			RK73GH2A753D	CHIP R 75K D 1/10W		R605			RK73EB2E121J	CHIP R 120 J 1/4W	
R104			RK73GH2A103D	CHIP R 10K D 1/10W		R606			RK73EB2E101J	CHIP R 100 J 1/4W	
R105			RK73GB2A473J	CHIP R 47K J 1/10W		R607			RK73GB2A302J	CHIP R 3.0K J 1/10W	
R106			RK73GB2A000J	CHIP R 0.0 J 1/10W		R608			RK73GB2A512J	CHIP R 5.1K J 1/10W	
R110			RK73GB2A754J	CHIP R 750K J 1/10W		R609			RK73GB2A103J	CHIP R 10K J 1/10W	
R111			RK73GB2A222J	CHIP R 2.2K J 1/10W		R610			RK73GB2A303J	CHIP R 30K J 1/10W	
R113			RK73GB2A100J	CHIP R 10 J 1/10W		R611-613			RK73FB2B681J	CHIP R 680 J 1/8W	
R201			RK73GB2A473J	CHIP R 47K J 1/10W		R614			RK73GB2A272J	CHIP R 2.7K J 1/10W	
						R620			RK73GB2A101J	CHIP R 100 J 1/10W	
						R621			RK73GB2A272J	CHIP R 2.7K J 1/10W	

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

VIDEO UNIT (X35-4840-10/4920-10)

Ref. No.	Add	New	Parts No.	Description	Destination
R623-634 VR200			RK73GB2A000J R32-0328-05	CHIP R 0.0 J 1/10W SEMI FIXED VARIABLE RESISTOR	
D1 D2 D3,4 D5 D6		*	UDZS5.6B CVS10A120M 1SS355 UDZS5.6B MA2S784-F	ZENER DIODE VARISTOR DIODE ZENER DIODE DIODE	
D7 D8,9 D100 D101-103 D500-503			UDZS5.6B DA204U EP05Q06 EP05Q04 UDZS6.2B	ZENER DIODE DIODE DIODE DIODE ZENER DIODE	
D600-603 D604 D605,606 IC1 IC100		*	CVS10A120M CVS10A180M CVS10A120M OZ964ISN-C-SN LT1947-PBF	VARISTOR VARISTOR VARISTOR ANALOGUE IC ANALOGUE IC	
IC102 IC103 IC200 IC300 IC302			TC7WH123FU-F TC7SH04FU-F TA75W558FU-F S-1112B25MCG 25L2005MI5Y2	MOS-IC MOS-IC ANALOGUE IC ANALOGUE IC ROM IC	
IC304 IC305 Q1 Q2,3 Q4		*	MST7988LA-ALF TC7WH34FU-F 2SC4081 SI5504DC-E3 2SC4081	MOS-IC MOS-IC TRANSISTOR DUAL FET TRANSISTOR	
Q5 Q6 Q7 Q200 Q202			DTC114YUA 2SA1576A 2SC4081 2SC4097 2SA1577	DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q203 Q300 Q301 Q500 Q501			UMZ1N DTC114YUA DTA123JUA DTA123JUA DTC123JUA	TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
Q502 Q503 Q504			DTA123JUA DTC123JUA DTC114YUA	DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR	
DIGITAL I/O UNIT (X88-2020-18/19)					
C100 C100 C100 C100,101 C100,101			CC73HCH1H101J CC73HCH1H101J CC73HCH1H101J CC73HCH1H101J CC73HCH1H101J	CHIP C 100PF J CHIP C 100PF J CHIP C 100PF J CHIP C 100PF J CHIP C 100PF J	E2M1X1 KR1E1 K3K4E5 E4M2X2 K1R2E3
C102-105 C106 C107-110 C112 C113			CK73HB1A104K CK73GB0J106M CK73HB1A104K CK73EB0J226K C92-1983-05	CHIP C 0.10UF K CHIP C 10UF M CHIP C 0.10UF K CHIP C 22UF K ELECTRO 100UF 4WV	
C114-124 C125 C126-130			CK73HB1A104K CC73HCH1H220J CK73HB1A104K	CHIP C 0.10UF K CHIP C 22PF J CHIP C 0.10UF K	

Ref. No.	Add	New	Parts No.	Description	Destination
C133,134 C135 C138,139 C140 C140			CK73GB0J106M CK73HB1A104K CC73HCH1H100D CK73HB0J105K CK73HB0J105K	CHIP C 10UF M CHIP C 0.10UF K CHIP C 10PF D CHIP C 1.0UF K CHIP C 1.0UF K	E4M2X2 K1R2E3
C142 C143 C144 C148 C148			CE32BN0J221M CK73HB0J105K CK73HB1A104K CE32BN0J221M CE32BN0J221M	CHIP EL 220UF 6.3WV CHIP C 1.0UF K CHIP C 0.10UF K CHIP EL 220UF 6.3WV CHIP EL 220UF 6.3WV	E4M2X2 K1R2E3
C149 C153 C154 C200 C201			CK73HB1A104K CK73HB0J105K CK73HB1A104K CC73HCH1H220J CK73HB1A104K	CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 0.10UF K CHIP C 22PF J CHIP C 0.10UF K	
C202 C203,204 C217-226 C227,228 C230,231			CC73HCH1H220J CK73HB1A104K CK73HB1A104K CK73GB0J106M CK73HB1H102K	CHIP C 22PF J CHIP C 0.10UF K CHIP C 0.10UF K CHIP C 10UF M CHIP C 1000PF K	
C233-236 C244 C247 C264 C275			CK73HB1A104K CK73GB0J106M CK73HB1H102K CK73HB1A104K CK73GB0J106M	CHIP C 0.10UF K CHIP C 10UF M CHIP C 1000PF K CHIP C 0.10UF K CHIP C 10UF M	
C309-312 C314,315 C316-318 C322-324 C326,327			CK73HB1A104K CK73GB0J106M CK73HB1A104K CK73HB1A104K CK73GB0J106M	CHIP C 0.10UF K CHIP C 10UF M CHIP C 0.10UF K CHIP C 0.10UF K CHIP C 10UF M	
C329 C331 C332 C336 C337,338			CC73HCH1H270J CK73GB0J106M CK73HB1A104K CK73GB0J106M CK73HB1H152K	CHIP C 27PF J CHIP C 10UF M CHIP C 0.10UF K CHIP C 10UF M CHIP C 1500PF K	
C340,341 C342 C456 C460 C464			CC73HCH1H331J CK73HB1E103K CK73EB1A106K CK73HB1A104K CK73HB1C473K	CHIP C 330PF J CHIP C 0.010UF K CHIP C 10UF K CHIP C 0.10UF K CHIP C 0.047UF K	
C468 C482 C601,602 C700-713 C715			CK73GB0J106M CK73GB1H222K CC73HCH1H470J CK73HB1H222K CK73HB1A104K	CHIP C 10UF M CHIP C 2200PF K CHIP C 47PF J CHIP C 2200PF K CHIP C 0.10UF K	
C800 C801,802 C803,804 C805			CK73HB1H222K CK73HB1H102K CK73HB1H222K CK73HB1H102K	CHIP C 2200PF K CHIP C 1000PF K CHIP C 2200PF K CHIP C 1000PF K	
CN101 CN328			E41-2839-05 E41-2237-05	PIN ASSY FLAT CABLE CONNECTOR	
L101,102 L103-106 L103-106			L41-1005-33 L92-0321-05 L92-0321-05	SMALL FIXED INDUCTOR (10U) CHIP FERRITE CHIP FERRITE	E4M2X2 K1R2E3

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

DIGITAL I/O UNIT (X88-2020-18/19)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
L103,104			L92-0321-05	CHIP FERRITE	E2M1X1	R130-132			RK73HB1J220J	CHIP R 22 J 1/16W	
L103,104			L92-0321-05	CHIP FERRITE	KR1E1	R134			RK73HB1J220J	CHIP R 22 J 1/16W	
L103,104			L92-0321-05	CHIP FERRITE	K3K4E5	R137			RK73HB1J472J	CHIP R 4.7K J 1/16W	
L200			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R139			RK73HB1J105J	CHIP R 1.0M J 1/16W	
L203-205			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R140			RK73HB1J222J	CHIP R 2.2K J 1/16W	
L212			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R141,142			RK73FB2B220J	CHIP R 22 J 1/8W	
L301,302			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R145,146			RK73HB1J153J	CHIP R 15K J 1/16W	
L303			L41-6805-33	SMALL FIXED INDUCTOR (68U)		R147			RK73HB1J220J	CHIP R 22 J 1/16W	
L304,305			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R148			RK73HB1J473J	CHIP R 47K J 1/16W	
X100			L77-2941-05	CRYSTAL RESONATOR (14.7456MHZ)		R149			RK73HB1J472J	CHIP R 4.7K J 1/16W	
X202			L77-2917-15	CRYSTAL RESONATOR (32.768KHZ)		R150			RK73HB1J220J	CHIP R 22 J 1/16W	
CP104-109			RK74HB1J220J	CHIP-COM 22 J 1/16W		R153			RK73HB1J000J	CHIP R 0.0 J 1/16W	
CP117-127			RK74HB1J220J	CHIP-COM 22 J 1/16W		R157-163			RK73HB1J220J	CHIP R 22 J 1/16W	
CP128-134			RK74HB1J103J	CHIP-COM 10K J 1/16W		R164,165			RK73HB1J470J	CHIP R 47 J 1/16W	
CP135-138			RK74HB1J220J	CHIP-COM 22 J 1/16W		R166-169			RK73HB1J220J	CHIP R 22 J 1/16W	
CP139-142			RK74HB1J330J	CHIP-COM 33 J 1/16W		R170,171			RK73HB1J330J	CHIP R 33 J 1/16W	
CP143-146			RK74HB1J680J	CHIP-COM 68 J 1/16W		R172,173			RK73HB1J680J	CHIP R 68 J 1/16W	
CP147-154			RK74HB1J103J	CHIP-COM 10K J 1/16W		R174,175			RK73HB1J470J	CHIP R 47 J 1/16W	
CP155-160			RK74HB1J220J	CHIP-COM 22 J 1/16W		R176			RK73HB1J220J	CHIP R 22 J 1/16W	
CP200-203			RK74HB1J220J	CHIP-COM 22 J 1/16W		R177-192			RK73HB1J473J	CHIP R 47K J 1/16W	
CP204-207			RK74HB1J103J	CHIP-COM 10K J 1/16W		R193-198			RK73HB1J220J	CHIP R 22 J 1/16W	
R1,2			RK73HB1J473J	CHIP R 47K J 1/16W		R199			RK73HB1J473J	CHIP R 47K J 1/16W	
R3-5			RK73HB1J220J	CHIP R 22 J 1/16W		R200			RK73HB1J330J	CHIP R 33 J 1/16W	
R6			RK73HB1J473J	CHIP R 47K J 1/16W		R201			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R7			RK73HB1J472J	CHIP R 4.7K J 1/16W		R202			RK73HB1J106J	CHIP R 10M J 1/16W	
R8			RK73HB1J473J	CHIP R 47K J 1/16W		R203			RK73HB1J334J	CHIP R 330K J 1/16W	
R9,10			RK73HB1J220J	CHIP R 22 J 1/16W		R212,213			RK73HB1J100J	CHIP R 10 J 1/16W	
R12			RK73HB1J000J	CHIP R 0.0 J 1/16W		R219-221			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R13			RK73HB1J473J	CHIP R 47K J 1/16W		R223			RK73HB1J473J	CHIP R 47K J 1/16W	
R14			RK73HB1J561J	CHIP R 560 J 1/16W		R227			RK73HB1J100J	CHIP R 10 J 1/16W	
R15,16			RK73FB2B220J	CHIP R 22 J 1/8W		R248-250			RK73HB1J473J	CHIP R 47K J 1/16W	
R17,18			RK73HB1J153J	CHIP R 15K J 1/16W		R255			RK73HH1J104D	CHIP R 100K D 1/16W	
R24			RK73HB1J220J	CHIP R 22 J 1/16W		R258-260			RK73HB1J473J	CHIP R 47K J 1/16W	
R29			RK73HB1J473J	CHIP R 47K J 1/16W		R265-271			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R30			RK73HB1J472J	CHIP R 4.7K J 1/16W		R273			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R31			RK73HB1J473J	CHIP R 47K J 1/16W	E2M1X1	R276			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R31			RK73HB1J473J	CHIP R 47K J 1/16W	KR1E1	R284-287			RK73HB1J473J	CHIP R 47K J 1/16W	
R32			RK73HB1J472J	CHIP R 4.7K J 1/16W	K3K4E5	R291			RK73HB1J330J	CHIP R 33 J 1/16W	
R32			RK73HB1J472J	CHIP R 4.7K J 1/16W	E4M2X2	R292-295			RK73HB1J473J	CHIP R 47K J 1/16W	
R32			RK73HB1J472J	CHIP R 4.7K J 1/16W	K1R2E3	R296			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R33			RK73HB1J473J	CHIP R 47K J 1/16W		R297			RK73HB1J103J	CHIP R 10K J 1/16W	
R34-37			RK73FB2B270J	CHIP R 27 J 1/8W		R304,305			RK73HB1J103J	CHIP R 10K J 1/16W	
R104			RK73HB1J330J	CHIP R 33 J 1/16W		R308			RK73HB1J103J	CHIP R 10K J 1/16W	
R105			RK73HB1J103J	CHIP R 10K J 1/16W		R310			RK73HB1J103J	CHIP R 10K J 1/16W	
R107-109			RK73HB1J103J	CHIP R 10K J 1/16W		R316			RK73HB1J473J	CHIP R 47K J 1/16W	
R112			RK73HB1J222J	CHIP R 2.2K J 1/16W		R320-322			RK73HB1J103J	CHIP R 10K J 1/16W	
R115			RK73HB1J222J	CHIP R 2.2K J 1/16W		R324,325			RK73HB1J103J	CHIP R 10K J 1/16W	
R116			RK73HB1J103J	CHIP R 10K J 1/16W		R326,327			RK73HB1J822J	CHIP R 8.2K J 1/16W	
R118			RK73HB1J103J	CHIP R 10K J 1/16W		R328,329			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R121			RK73HB1J222J	CHIP R 2.2K J 1/16W		R332,333			RK73HB1J151J	CHIP R 150 J 1/16W	
R123			RK73HB1J222J	CHIP R 2.2K J 1/16W		R438			RK73HB1J103J	CHIP R 10K J 1/16W	
R124			RK73HB1J473J	CHIP R 47K J 1/16W		R440			RK73HB1J103J	CHIP R 10K J 1/16W	
R126			RK73HB1J473J	CHIP R 47K J 1/16W		R445			RK73HB1J473J	CHIP R 47K J 1/16W	E2M1X1
R129			RK73HB1J222J	CHIP R 2.2K J 1/16W		R445			RK73HB1J473J	CHIP R 47K J 1/16W	KR1E1
						R445			RK73HB1J473J	CHIP R 47K J 1/16W	K3K4E5

K: DDX7019 K1: DDX8019 K3: DNX7100 K4: DNX710EX (North America)
 E1: DDX7029 E2: DDX7029Y E3: DDX8029 E4: DDX8029Y E5: DNX7200 (Europe)
 R1: DDX7039 R2: DDX8039 (Latin America) X1: DDX7039 X2: DDX8039 (Australia)
 M1: DDX7039 M2: DDX8039 (Other Areas)

△ Indicates safety critical components.

PARTS LIST

DIGITAL I/O UNIT (X88-2020-18/19)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation	Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R458,459			RK73HB1J473J	CHIP R 47K J 1/16W		D108,109			IMSA-6802-E	SURGE ABSORBER	K1R2E3
R461			RK73HB1J473J	CHIP R 47K J 1/16W		D300			DA204U	DIODE	
R467			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC100			MIC2005-05YM6	MOS-IC	E2M1X1
R481,482			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC100			MIC2005-05YM6	MOS-IC	KR1E1
R485-487			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC100			MIC2005-05YM6	MOS-IC	K3K4E5
R502,503			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC100,101			MIC2005-05YM6	MOS-IC	E4M2X2
R505-507			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC100,101			MIC2005-05YM6	MOS-IC	K1R2E3
R509			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC104			TC7S86FU-F	MOS-IC	
R522			RK73HB1J680J	CHIP R 68 J 1/16W		IC105			SI-3018KM	ANALOGUE IC	
R523			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC106			-	MICROPROCESSOR IC	
R524			RK73HB1J330J	CHIP R 33 J 1/16W		IC108			TC7SH04FU-F	MOS-IC	
R600,601			RK73HB1J220J	CHIP R 22 J 1/16W		IC200			TC7WHU04FU-F	MOS-IC	
R602,603			RK73HB1J153J	CHIP R 15K J 1/16W		IC201			TC74LCX245FT	MOS-IC	
R701			RK73HB1J000J	CHIP R 0.0 J 1/16W		IC202,203			K4S561632HUI7	DRAM IC	
R703			RK73GB2A206J	CHIP R 20M J 1/10W		IC205			TC74LCX245FT	MOS-IC	
R705			RK73HB1J331J	CHIP R 330 J 1/16W		IC207			341S2094	MICROPROCESSOR IC	
D102,103			AVRL1613R3FTA	VARISTOR		IC211	*		DW128F70NF8Y9	ROM IC	
D104,105			IMSA-6802-E	SURGE ABSORBER		IC301			WM8728SEDSR	ANALOGUE IC	
D106,107			AVRL1613R3FTA	VARISTOR	E4M2X2	IC302			BH7240AKV	MOS-IC	
D106,107			AVRL1613R3FTA	VARISTOR	K1R2E3	IC305			NJM2100V-ZB	ANALOGUE IC	
D108,109			IMSA-6802-E	SURGE ABSORBER	E4M2X2	IC332			NJM2864F05-ZB	ANALOGUE IC	

K: DDX7019 **K1:** DDX8019 **K3:** DNX7100 **K4:** DNX710EX (North America)
E1: DDX7029 **E2:** DDX7029Y **E3:** DDX8029 **E4:** DDX8029Y **E5:** DNX7200 (Europe)
R1: DDX7039 **R2:** DDX8039 (Latin America) **X1:** DDX7039 **X2:** DDX8039 (Australia)
M1: DDX7039 **M2:** DDX8039 (Other Areas)

△ Indicates safety critical components.

DANGER:

Please do not look at the laser beam directly during repair or operation check.

