

# DDX6034/6034M/6054 /7034BT/7034BTM/714 DNX7000EX/7140/7240BT/7340BT SERVICE MANUAL

# KENWOOD

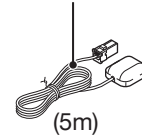
Kenwood Corporation

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B53-0720-00 (N) 341

Illustrations is DNX7340BT



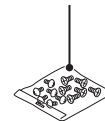
ANT module(GPS-ANT)\*  
(W02-5305-05)



Mounting hardware\*  
(J21-9867-04)



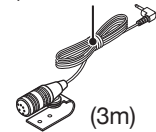
Screw set\*  
(N99-1779-15)



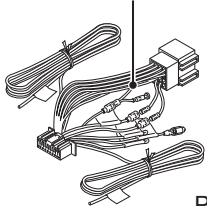
Adhesive double-coated tape\*  
(H30-0595-04)



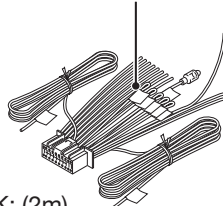
Microphone\*  
(W01-1718-05)



DC cord\*  
(E30-6881-15)

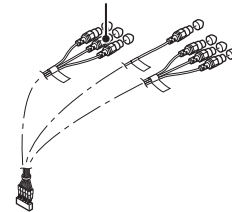


DC cord\*  
(E30-6796-05)

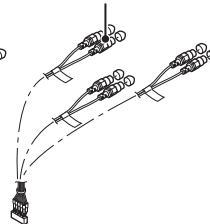


PRK: (2m)  
REV: (5m)

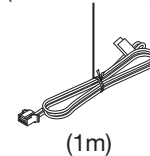
Cord with pinplug(AV)  
(E30-6899-05)



Cord with pinplug(PRE)  
(E30-6898-05)



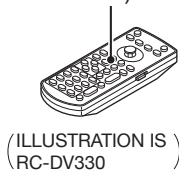
Cord with plug(relay)\*  
(E30-6786-05)



Clamper\*  
(J11-0660-05)



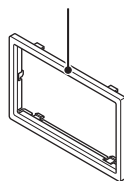
Remote controller assy  
(A70-2082-15) RC-DV330 :DNX  
(A70-2083-15) RC-DV340 :DDX



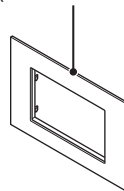
Size AAA battery  
(Not supplied)



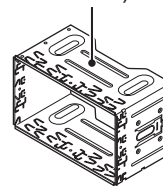
Escutcheon  
(B07-3224-31)



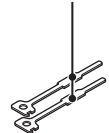
Escutcheon\*  
(B07-3172-12)



Mounting hardware assy  
(J22-0657-03)



Lever  
(D10-7012-04) x2

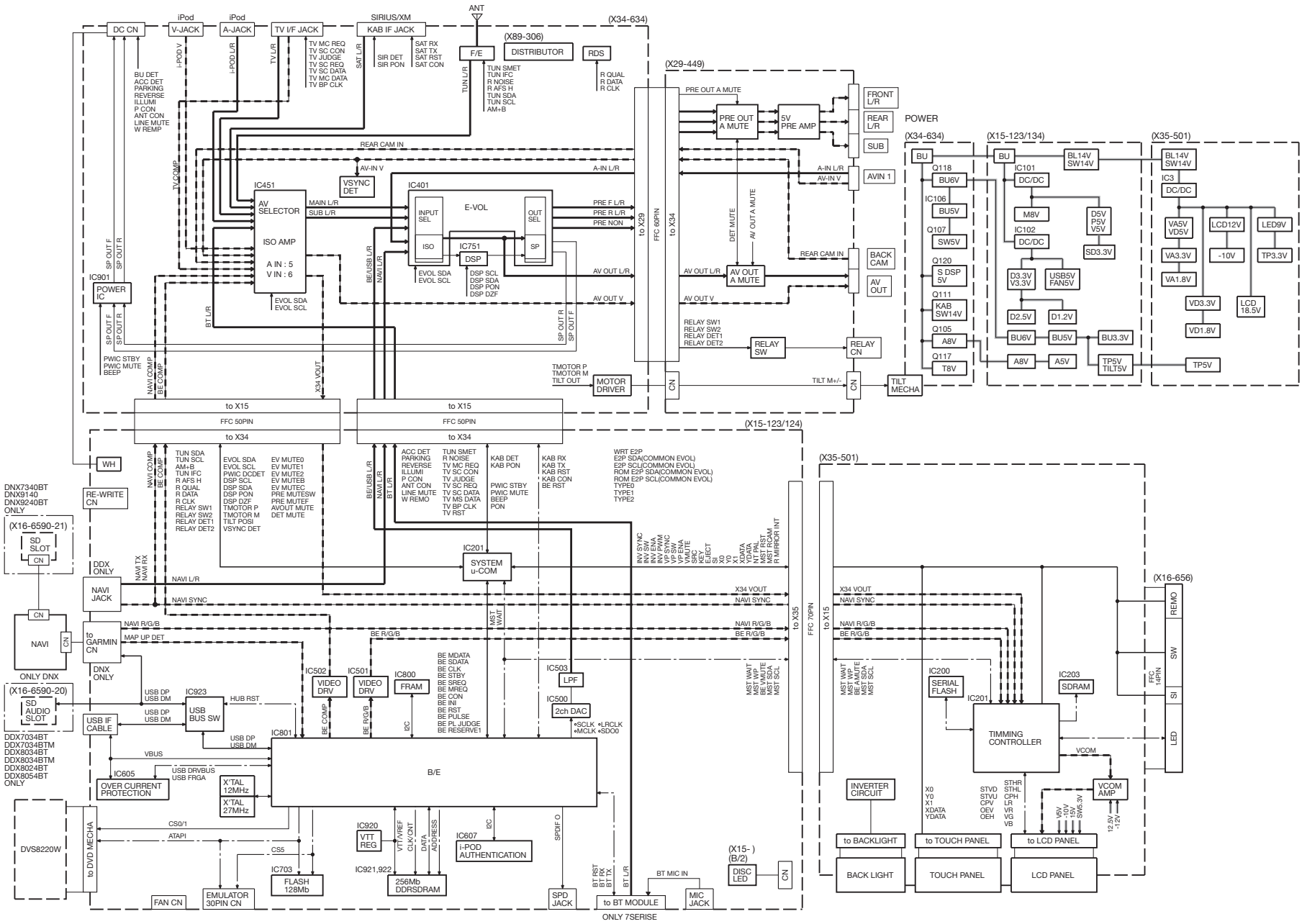


- The IC101,102 and IC801 in the Video control unit (X15-123/134) are not replaceable components. When this IC are defective, replace the whole Video control unit (X15-123/134).
- The IC1 in the Sub-circuit unit (X16-659) are not replaceable components. When this IC are defective, replace the whole Sub-circuit unit (X16-659).
- The IC3 and IC11 in the DVD unit (X37-1250-00) are not replaceable components. When these ICs are defective, replace the whole DVD mechanism assembly (X92-6400-00). You cannot replace only the board.

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



**BLOCK DIAGRAM**



## COMPONENTS DESCRIPTION

### ● VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	Regulator	For BU5V Regulator IC
IC2	Regulator	For BU3.3V Regulator IC
IC5	OP-AMP X 2	For Audio Reference 4V
IC101	DCDCcontrol IC	Mecha8V/D,P,V5V DCDCconverter IC
IC102	DCDCcontrol IC	USB5V/D,V3.3V DCDCconverter IC
IC103	INVERTOR	For IC101 control signal
IC201	MCU IC	System control IC
IC202	Voltage detect IC	Reset signal generate at 3.6V
IC203	EEPROM	
IC205	AND Logic IC	Navi RX 3.3V→5V convert (DNX)
IC207	AND Logic IC	TV SC DATA 3.3V→5V convert
IC208	AND Logic IC	INV SYNC 3.3V→5V convert
IC209	Buffer x3 IC	INV SYNC driver
IC210	Buffer x3 IC	VP SYNC driver
IC301	3state Buffer IC	R_CAM_INT control
IC302	NOR x2 IC	VMUTE control
IC303	NOR x1 IC	BE VMUTE control
IC401	AND Logic IC	REMOCON signal OR curcuit
IC403	3state Buffer x2 IC	BT signal buffer
IC404	OP-AMP X 2	BT audio signal LPF
IC500	AudioDAC	DVD-BE AUDIO D/A CONVERTOR
IC501	RGB video buffer	DVD-BE RGB LPF
IC502	Composite video buffer	DVD-BE Composite LPF
IC503	OP-AMP X 2	DVD Audio LPF
IC504	Regulator	FOR BE DecoderIC D3.3V→D1.2V
IC505	Regulator	FOR Aduio DAC A8V→A5V
IC506	Regulator	FOR BE DecoderIC DDR D3.3V→D2.5V
IC605	Fixed Current Limit Power Distribution Switch	For USB VBUS High side Switch
IC606	USB BUS SW	USB or SD/NAVI USB BUS selector 2in1
IC607	iPod Authentication Coprocessor	iPod Authentication
IC703	128Mbit FLASH ROM	For DVD Decoder FLASH ROM
IC704	INVERTOR	Flash ROM A22 invert
IC705	INVERTOR	Flash ROM A23 invert
IC800	FRAM IC 64kbit	For BE Resume memory
IC801	MPEG DECODER	DVD/USB MPEG DECODER
IC920	Regulator	For DDR termination
IC921,922	256Mbit DDR DRAM IC	For MPEG DECODER DDR SDRAM
Q1-9	SW	BU_DET control
Q10	Power supply	Tilt/TP5V ON/OFF
Q11	SW	Q10 control
Q14-16	SW	BL14V control
Q17	SW FET	BL14V ON/OFF
Q18	SW	DET_MUTE invert
Q91	SW	Disc LED ON/OFF control

## COMPONENTS DESCRIPTION

Ref. No.	Application / Function	Operation / Condition / Compatibility
Q101	SW FET	DCDC SW FET (Mecha8V)
Q102	SW FET	DCDC SW FET (D5V)
Q103	SW	IC101 DCDC control1
Q104	SW	IC101 DCDC control2
Q105	SW	Tilt Speed control sw
Q107	SW FET	DCDC SW FET (USB5V)
Q108	SW FET	DCDC SW FET (D3.3V)
Q201	SW	KEY_RESET detect
Q202	SW	Reset signal control sw by KEY_RESET
Q203	SW	NAVI_RESET signal control
Q204	SW	TV_RESET signal control
Q206	SW	Sirius detector
Q207	SW	DSI on/off SW
Q500	Power supply	D3.3V→2.6V Regulate
Q501	SW	Q500 control
Q504,505	Buffer	SPDIF Output Buffer
Q509,510	D3.3V SW	D3.3V ON/OFF

### ● SWITCH UNIT (X16-6560-10)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	Remote control sensor	Infrared Detection unit for Remote Control

### ● SUB-CIRCUIT UNIT (X16-6590-2x)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	SD Card control IC	SD Card controller. Data conversion from SD to USB
Q1	Power supply	SD Card power.

### ● CONTROL CIRCUIT UNIT (X29-4490-xx)

Ref. No.	Application / Function	Operation / Condition / Compatibility
Q4	Transistor	AV OUT_AR Mute
Q5	Transistor	AV OUT Mute SW
Q6	Transistor	AV OUT_AL Mute
Q100	Transistor	PRE FL_Mute
Q101	Transistor	PRE OUT F/R Mute SW
Q102	Transistor	PRE FR_Mute
Q103	Transistor	PRE RL_Mute
Q104	Transistor	PRE RR_Mute
Q105	Transistor	PRE SWR_Mute
Q106	Transistor	PRE OUT SWR/CENTER Mute SW
Q107	Transistor	PRE CENTER_Mute
Q200-205	Transistor	Relay SW1output, and over current detection circuit
Q206-211	Transistor	Relay SW2output, and over current detection circuit

**COMPONENTS DESCRIPTION****● ELECTRIC UNIT (X34-634x-xx)**

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC101	3-terminal regulator	A8V Power Supply
IC103	3-terminal regulator	SimpleDSP5V / CODEC8V Power Supply
IC104	3-terminal regulator	T8V Power Supply
IC106	3-terminal regulator	BU5V Power Supply
IC151	MOTOR DRIVER IC	TILT MECHA MOTOR DRIVE Power Supply
IC401	Electronic Vol IC	Audio Vol Control, Audio Signal Select
IC451	AV selector IC	Audio & Video Signal Select
IC500	RDS Decoder IC	RDS Signal Processing etc
IC600	Logic IC (AND)	TV-TUNER Remo Signal Baff
IC651	Logic IC (AND)	KAB Signal Level shift
IC751	DSP IC	Processing of computing etc (X34-634 Only use)
IC901	Power IC	Power AMP
Q1	Transistor	Reverse Detect
Q2	Transistor	Parking Detect
Q3	Transistor	ILLUMI Detect
Q4	Transistor	ACC Detect
Q5-8	Transistor	P_CON Supply
Q9,10	Transistor	ANT_CON Supply
Q101,102	Transistor	SW14V Power Supply
Q103-105	Transistor	A8V Power Supply
Q106,107	Transistor	SW5V Power Supply
Q108	Transistor	KAB_SW14V Power Supply
Q109,110	Transistor	SimpleDSP5V / CODEC8V Power Supply
Q111	Transistor	KAB_SW14V Power Supply
Q112-114	Transistor	V8V Power Supply
Q115-117	Transistor	T8V Power Supply
Q118,119	Transistor	BU6V Power Supply
Q120	Transistor	SimpleDSP5V / CODEC8V Power Supply
Q301-308	Transistor	AVIN VSYNC Detect
Q500,501	Transistor	AM+B Power Supply
Q650,651	Transistor	KAB RX Level Shift
Q653,654	Transistor	KAB TX Level Shift
Q656	Transistor	PREOUT MUTE Level Shift (Front)
Q657	Transistor	PREOUT MUTE Level Shift (SW)
Q659	Transistor	PREOUT MUTE Level Shift (Rear)
Q660	Transistor	Detect MUTE

**● VIDEO UNIT (X35-5010-xx)**

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	Regulator	3.3V regulator
IC2	Regulator	1.8V regulator
IC3	DC/DC converter / Inverter control IC	LCD, VCOM AMP, LCD control IC, and LED (5V, 3.3V, +0V, -12V, and +18V) power supply circuit, and control/drive the inverter circuit for backlight.

## COMPONENTS DESCRIPTION

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC4	Regulator	1.8V regulator
IC5	Regulator	3.3V regulator
IC200	F ROM	QVGA MODEL (MP) for Mstar FW
IC200	F ROM	VGA MODEL (MP) for Mstar FW
IC201	Chroma and Gamma T/C scalar	Control LCD module
IC203	SD RAM	For video signal storage
IC400,401	Op amp	For VCOM amplifier
Q1	Switch	SW to change the free run frequency of DC/DC converter / Inverter control IC
Q2	Step-down circuit	5V for DC/DC step-down
Q3	Switch	SW to change the free run frequency of DC/DC converter / Inverter control IC (for DC/DC)
Q4	Step-down circuit	DC/DC step-down (for 3.3V)
Q6	Step-up circuit	DC-DC step-up (for +10V and +18V)
Q7,8	Inverter driver	Drive inverter circuit
Q9,10	Switch	SW to change the free run frequency of DC/DC converter / Inverter control IC (for INVERTER)
Q11,12	-6V regulator control	-6V regulator for LCD (for QVGA MODEL)
Q13-16	+12V regulator control	+12V regulator for VCOM amplifier
Q17	Inverting circuit	DC/DC inversion (for -12V)
Q18-20	Switch	-12V rising sequence delay
Q21,22	Switch	+18V rising sequence delay
Q23,24	Switch	-12V rising sequence delay
Q25,26	Switch	+12V rising sequence delay
Q27,28	Switch	+18V rising sequence delay
Q200	Switch	For Mstar RESET
Q201	Buffer	Extract SYNC from video G signal.
Q401,402	Buffer	For VCOM current amplification
Q403	Buffer	For VCOM auto adjustment
Q500	Touch panel X1 SW	X1 SW: Be turned on when the touch panel is touched or when there is an input at X axis, and apply voltage
Q501	Touch panel X0 SW	X0 SW: Be turned on when there is an input at X axis, and apply voltage
Q502	Touch panel X1 SW	X1 SW: Be turned on when the touch panel is touched or when there is an input at X axis, and apply voltage
Q503	Touch panel Y0 SW	Y0 SW: Be turned on when there is an input at Y axis, and apply voltage
Q504	Touch panel Y1 SW	Y1 SW: Be turned on when there is an input at Y axis, and apply voltage
Q505	Touch panel Y0/Y1 SW	Y0/Y1 SW: Be turned on when there is an input at Y axis, and be turned off when there is an input at X axis
Q600	For turning on LED R	Constant current circuit controlled by LED R PWM
Q601	For turning on LED G	Constant current circuit controlled by LED G PWM
Q602	For turning on LED B	Constant current circuit controlled by LED B PWM
Q603	For turning on LED R	Constant current circuit controlled by LED R PWM

### ● DAUGHTER UNIT (X89-3062-72)

Ref. No.	Application / Function	Operation / Condition / Compatibility
Q1	AMP	GAIN_AMP in FM band

**COMPONENTS DESCRIPTION**

## ● DVD UNIT (X37-1250-00)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	RF signal processing IC	RF signal processing
IC3	FLASH ROM	Maintain F/W for optical DISC control IC
IC4	Optical disc control IC in $\mu$ -com	Optical DISC general control / ATAPI interface
IC5	Voltage detection IC	For system resetting of optical DISC control IC
IC10	Driver IC	Focus coil, Tracking coil, Spindle motor, Sled motor and Lo/Ej motor drive
IC11	EEPROM	Maintain data for optical DISC control IC
IC13	1.5V power supply	5V→1.5V
IC14	3.3V power supply	5V→3.3V
Q1	Register integrated transistor	SL. MUTE control
Q2	Register integrated transistor	For FG signal
Q3	Register integrated transistor	LO.MUTE control
Q4	Register integrated transistor	DRMU control
Q12	Transistor for APC	Laser diode brightness control for CD
Q13	Transistor for APC	Laser diode brightness control for DVD
Q16	MOS-FET	Laser diode ON/OFF control for DVD/CD

# MICROCOMPUTER'S TERMINAL DESCRIPTION

## ● MICROCONTROLLER IC 30878MJBA35GP (X15- : IC201)

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing/Operation/Description
1	EVOL_SDA/ EVOL_SDA	I/O	Communication data with E-VOL		
1	EVOL_SDA/ AVSEL_SDA	I/O	Communication data with AVSEL		
1	EVOL_SDA/ ROM_CORR_SDA	I/O	Communication data with E2P		
1	EVOL_SDA/ ROM_CORR_SDA	I/O	Communication data with E2P (ROMCORRE)		
2	R_DATA	I	"DATA" input from RDS decoder		
3	R_QUAL	I	"QUAL" input from RDS decoder		
4	VSYNC_DET	I	Detection of video external input		Detect if VSYNC exists or not.
5	DSP_SDA/ DSP_SO/DSP_SO	O	8 functions: Communication data output with Full DSP		
5	DSP_SDA/DSP_SO/ CODEC_SO	O	8 functions: CODEC Communication data output		
5	DSP_SDA/ DSP_SO/DSP_SDA	I/O	7 functions: Communication data with simplified DSP		Output is fixed to L in the product whose destination does not need DSP.
6	DSP_SCL/ DSP_SI/DSP_SI	I	8 functions: Communication data input with Full DSP		
6	DSP_SCL/DSP_SI/ CODEC_SI	I	8 functions: CODEC Communication data input		
6	DSP_SCL/DSP_SI/ DSP_SCL	O	7 functions: Communication data with simplified DSP		Output is fixed to L in the product whose destination does not need DSP.
7	NC/DSP_CLK/ DSP_CLK	O	8 functions: Communication CLK with DSP/CODEC		
7	NC/DSP_CLK/NC	O	6, 7 functions: Not used. Output is fixed to L		Not used. Output is fixed to L
8	NC/CODEC_ERR/ CODEC_ERR	I	8 functions: CODEC error input		L: When error is detected.
8	NC/CODEC_ERR/ NC	O	6, 7 functions: Not used. Output is fixed to L		Not used. Output is fixed to L
9	SRC	I	Source key		L: When pressing of Key detected.
10	TV_SC_REQ	I	Request from TV $\mu$ -com		Output is fixed to L in the product whose destination does not need TV.
11	VP_SYNC	O	Frequency control of X35_DC-DC_IC (CLK output)		DUTY5%
12	PWIC_STBY	O	Power IC standby		H: POW_IC ON, L: POW_IC OFF
13	TYPE_KAB	I	Terminal used to detect if the product destination needs KAB or not.	①	H: KAB is needed, L: KAB is not needed
14	PWIC_MUTE	O	Output mute control of power IC		H: OFF, L: ON
15	BYTE				
16	CNVSS				
17	XCIN				
18	XCOU				
19	RESET				
20	XOUT				
21	VSS				



## MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing/Operation/Description
22	XIN				
23	VCC1				
24	NMI				
25	ACC_DET	I	ACC detection		H: ACC reduced voltage detection
26	BU_DET	I	Backup power detection		H: Backup power reduced voltage detection
27	R_CLK	I	Clock input from RDS decoder		
28	NC	I	Not used. Input is fixed to Hi		Not used. Input is fixed to Hi
29	P_START	O	ON/OFF control of X15_DC-DC		
30	PGOOD	I	Power supply error detection		H: Error, L: Normal
31	INV_PWM	O	Brightness control of LCD (PWM output)		(PWM output synchronized with HSY is under review)
32	PARKING	I	Parking detection (For all destinations)		H: Parking is detected, L: Car is running
33	POWER_PWM	O	Frequency control of X15_DC-DC_IC (CLK output)		Duty50%
34	PON	O	ON/OFF control of SW power supply		H: ON, L: OFF
35	BEEP	O	BEEP		PWM output
36	AVIN3_SW	O	iPod/AVin3 switching		H:AVin3, L:iPod in
37	TYPE_SD	I	Terminal used to detect if the product destination needs SD slot or not.	①	H: SD slot is needed, L: SD slot is not needed
38	TV_MC_DATA	O	Data output to TV $\mu$ -com		Output is fixed to L in the product whose destination does not need TV.
39	VCC1				
40	TV_SC_DATA	I	Data input from TV $\mu$ -com		Output is fixed to L in the product whose destination does not need TV.
41	VSS				
42	TV_BP_CLK	O	Communication clock with TV $\mu$ -com		Output is fixed to L in the product whose destination does not need TV.
43	NC (BUSY)	O	NC (FLASH re-writing)		
44	TUN_SDA	I/O	Communication data with tuner		
45	TUN_SCL	O	Communication clock with tuner		
46	TV_MC_REQ	O	Request to TV $\mu$ -com		Output is fixed to L in the product whose destination does not need TV.
47	TV_SC_CON	O	Request to boot up TV $\mu$ -com		Output is fixed to L in the product whose destination does not need TV.
48	TV_JUDGE	I	Determination of TV_BOX if it is old or new		H: Box is old, L: Box is new (Fixed to Hi for destinations K and M)
49	KAB_DET	I	Sirius connection detection		
50	KAB_PON	O	ON/OFF of SAT power supply		
51	ANT_CON	O	Power antenna control		H: UP, L: DOWN
52	P_CON	O	P-CON control		L: STANDBY, POWER OFF, H: EXCEPT
53	REVERSE	I	Reverse detection		L: Reverse is detected, H: Normal
54	NC (EPM)	O	Not used. Output is fixed to L		Not used. Output is fixed to L.
55	NC/CODEC_CS/ CODEC_CS	O	CODEC CS		L: Active
55	NC/CODEC_CS/NC	O	Output is fixed to L		Not used. Output is fixed to L.
56	INV_SYNC	O	Inverter frequency control (Pulse output)		DUTY5%

# MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing/Operation/Description
57	VSS				
58	NC (VALL_G)	O	Output is fixed to L (Illumination control of the variable illumi "G" when this terminal is used)		Not used. Output is fixed to L
59	VCC2				
60	R_MIRROR_INT	O	Mirror ON when the forced rear camera		Hi: Mirror ON when the forced rear camera, Lo: Mirror OFF when the forced rear camera
61	R_CAM_INT (RESERVE)	O	Rear camera forced ON		Hi: Forced rear camera change, Lo: Normal operation
62	LED_ON	O	Illumi ON/OFF of DISK slot		H: ON, L: OFF
63	ILLUMI	I	Illumi detection		L: ON, H: OFF
64	TYPE_BT/DSP_ RST/DSP_RST	O	8 functions: DSP RESET control	①	H: Reset release, L: Reset
64	TYPE_BT/DSP_ RST/TYPE_BT	I	6 functions: Terminal used to detect if the product destination needs BT or not.	①	H: BT is needed, L: BT is not needed
65	NC (CE)	I	Used for re-writing		Fixed to Hi when used for re-writing
66	TYPE1	I	Destination setting	①	Refer to "Destination setting".
67	INV_SW	O	Switching of inverter free run frequency		
68	INV_ENA	O	Back light ON/OFF control		H: ON, L: OFF
69	EJECT	I	Eject key input		L: When pressing of Key detected.
70	SI	O	SI control		L: Turned on, H: Turned off
71	TILT_SPEED	O	Switching of tilt mechanism power supply voltage		H: 8V, L: 5V
72	TYPE3	I	Terminal for K2 destination	①	H: For K2 destination, L: To other destinations
73	JIG_EJECT	I	Terminal for inspection mode (Can make Ejection even if the tilt mechanism is not connected)		L: Normal mode, H: Inspection mode
74	VCC2				
75	TYPE_TV/ASEL/ ASEL	O	8 functions: Audio selector (sub) switching output	①	H: KAB, L: BT (Only for K TYPE)
75	TYPE_TV/ASEL/ TYPE_TV	I	6 functions: Terminal used to detect if the product destination needs TV I/F or not.	①	H: TV is needed, L: TV is not needed
76	VSS				
77	TYPE_DSP/ PTT_SW/PTT_SW	I	8 functions: Detect if PTT SW is pressed or not.	①	L: When pressing of Key detected.
77	TYPE_DSP/PTT_ SW/TYPE_DSP	I	6 functions: Terminal used to detect if the product destination needs DSP or not.	①	H: DSP is needed, L: DSP is not needed
78	DISC_DET	I	Detect if the disc exists or not in DVD mechanism		H: Disc does not exist, L: Disc exists
79	BE_MREQ	O	Request to backend		
80	BE_STBY	I	Standby request from backend		
81	BE_CON	O	Control request to backend		
82	BE_INI	O	Initial request to backend		
83	BE_RESERVE1	O	Spare pin between B and E		Presently not used. Output is fixed to L. Logic is not yet defined.
84	WRT_E2P	I	Used for writing data in E2P		L: Normal, H: During writing data
85	BE_PL_JUDGE	I	Terminal for operation identification from backend		H: Valid, L: Invalid
86	BE_RST	O	Reset request to backend		L: Reset, H: Reset clear

## MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing/Operation/Description
87	TYPE_PRE/VSEL/ VSEL	O	8 functions: Video selector control	①	L: Other than NAVI, H: NAVI
87	TYPE_PRE/VSEL/ TYPE_PRE	I	6 functions: 2VPRE/5VPRE destination detection	①	H: 5V, L: 2V
88	BE_SDATA	I	Communication from backend		
89	BE_CLK	I	Communication clock with backend		
90	BE_MDATA	O	Communication data to backend		
91	VCC2				
92	SYS_VMUTE	O	Video MUTE terminal		H: MUTE OFF, L: MUTE ON
93	VSS				
94	NC	O			Not used. Output is fixed to L
95	VP_ENA	O	Output1_ON/OFF control of X35_DC-DC		H: ON, L: OFF
96	VP_SW	O	Free run frequency switching of X35_DC-DC		
97	Y0	O	Touch panel control		
98	X1	O	Touch panel control		
99	X0	O	Touch panel control		
100	NC (VILL_DET)	O	Output is fixed to L (Variable illumination identification terminal when this terminal is used)		Not used. Output is fixed to L
101	NT_PAL	I	NTSC/PAL identification signal input		H: NTSC, L: PAL • Screen_Control: Indicates if there is TINT adjustment or not (NTSC: There is TINT adjustment/ PAL: There is not TINT adjustment) • INV_PWM frequency switching
102	BE_PULSE	I	CLK terminal for operation identification from backend		CLK frequency: 1Hz
103	BE_SREQ	I	Request from backend		
104	MST_WAIT	I	MSTAR I2C communication WAIT request		L: Wait
105	EV_MUTE0	O	E-VOL Front mute		L: ON, H: OFF
106	EV_MUTE1	O	E-VOL Rear mute		L: ON, H: OFF
107	EV_MUTE2	O	E-VOL SW mute		L: ON, H: OFF
108	EV_MUTEB	O	E-VOL_B, AVOUT mute		L: ON, H: OFF
109	EV_MUTEC	O	AF dedicated mute, Time constant = 0.5mS, E-VOL_C mute, DSP input mute		L: ON, H: OFF
110	PRE_MUTE_F	O	Pre-out mute (FRONT)		H: ON, L: OFF
111	PRE_MUTE_SW	O	Pre-out mute (SW)		H: ON, L: OFF
112	AVOUT_MUTE	O	Mute for AVOUT		H: ON, L: OFF
113	DSP_PDN/CODEC_RS/ CODEC_RST	O	8 functions: CODEC RESET control		L: Reset, H: Reset clear
113	DSP_PDN/CODEC_RS/ DSP_PON	O	7 functions: Power supply control & RESET terminal for DSP		H: ON, L: OFF. Output is fixed to L in the product whose destination does not need DSP.
114	TYPE_LM	I	Identification terminal of System8 / System 6, 7	①	H: System 8, L: System 6, 7
115	AM+B	O	Tuner AM power ON/OFF control		H: ON, L: OFF
116	TMOTOR_M	O	Tilt control of the tilt mechanism		
117	TMOTOR_P	O	Tilt control of the tilt mechanism		
118	RELAY_SW1	O	Relay 1 control		H: Relay ON, L: Relay OFF Fixed to L in the product whose destination does not need relay.

## MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing/Operation/Description
119	RELAY_SW2	O	Relay 2 control		H: Relay ON, L: Relay OFF Fixed to L in the product whose destination does not need relay.
120	MST_RST	O	MSTAR system reset		Lo: Reset, Hi: Active
121	TYPE0	I	Destination setting	①	Refer to "Destination setting".
122	TYPE2	I	Destination setting	①	Refer to "Destination setting".
123	KEY	I	6-key input	②	Refer to "KEY6"
124	XDATA	I	Touch data input		
125	YDATA	I	Touch data input		
126	NC (MAZDA)	O	Output is fixed to L		Output is fixed to L (Analog input when this terminal is used)
127	R_AFS_H	I/O	Switching of constants used in F/E noise detection		
128	NAVI_RX	I	Communication with Navi		
129	PWIC_DC_DET	I	DC offset detection of SP output		L when offset is detected
130	VSS				
131	NAVI_TX	O	Communication with Navi		
132	VCC1				
133	RELAY_DET1	I	Relay 1 output error detection (Short, Over current)		Hi: RELAY_SW1 L: Normal, H: Error (Hi: When SW1 is Low), Output is fixed to L in the product whose destination does not need relay.
134	RELAY_DET2	I	Relay 2 output error detection (Short, Over current)		Hi: RELAY_SW2 L: Normal, H: Error (Hi: When SW2 is Low), Output is fixed to L in the product whose destination does not need relay.
135	TILT_POSI	I	Panel mechanism tilt detection		
136	TUN_IFC	I	F/E IFC input		H: Station exists, L: Station does not exist
137	TUN_SMET	I	S meter input		
138	R_NOISE	I	FM noise input		
139	LINE_MUTE	I	LINE MUTE input detection		Normal: 1.6V, TEL MUTE: 1V or less, NAVI MUTE: 2.5V or more
140	AVSS				
141	NC/DSP_SS/ DSP_SS	O	8 functions: DSP CS		L: Active
141	NC/DSP_SS/NC	O	6, 7 functions: Not used. Output is fixed to L		Not used. Output is fixed to L
142	VREF				
143	AVCC				
144	EVOL_SCL/ EVOL_SCL	O	Communication clock with E-VOL		
144	EVOL_SCL/ AVSEL_SCL	O	Communication clock with AV selector		
144	EVOL_SCL/ E2PROM_SCL	O	Communication clock with E2P		
144	EVOL_SCL/ ROM_CORR_SCL	O	Communication clock with E2P (ROMCORRE)		

# MICROCOMPUTER'S TERMINAL DESCRIPTION

## Truth Value Table

① Destination settings

MODEL	Desti- nation	TYPE_ LM (114)	TYPE3 (72)	TYPE2 (122)	TYPE1 (66)	TYPE0 (121)		TYPE_KAB (13) Hi: With KAB Lo: Without KAB	TYPE_SD (37) Hi: With SD Lo: Without SD	TYPE_BT (64) Hi: With BT Lo: Without BT	TYPE_TV (75) Hi: With TV Lo: Without TV	TYPE_DSP (77) Hi: With DSP Lo: Without DSP	TYPE_PRE (87) Hi: 5V PRE Lo: 2V PRE
						DOWN	UP						
DDX6	Q	0	0	0	0	6.8K	10K	1	0	0	1	0	0
	M/M2	0	0	0	0	15K	10k	1	0	0	1	0	0
	V/X	0	0	0	0	39K	10k	1	0	0	1	0	0
DDX7	K	0	0	0	1	10k	Non	1	0	1	1	1	0
	M/M2	0	0	0	1	15K	10k	0	1	1	1	1	0
	V/X	0	0	0	1	39K	10k	0	1	1	1	1	0
	R	0	0	0	1	Non	10k	1	0	1	1	1	0
DNX7	K	0	0	1	1	10k	Non	1	0	1	1	1	0
	K2	0	1	1	1	10k	Non	1	0	1	1	1	0
	E	0	0	1	1	2.4K	10k	0	0	1	1	1	0
	M/M2	0	0	1	1	15K	10k	0	1	1	1	1	0
	V/X	0	0	1	1	39K	10k	0	1	1	1	1	0
DDX8	K	1	0	0	0	10k	Non	1	0	OPEN	OPEN	Hi-FIX	OPEN
	E	1	0	0	0	2.4K	10k	0	1	OPEN	OPEN	Hi-FIX	OPEN
	Q	1	0	0	0	6.8K	10k	0	1	OPEN	OPEN	Hi-FIX	OPEN
	M/M2	1	0	0	0	15K	10k	0	1	OPEN	OPEN	Hi-FIX	OPEN
	X	1	0	0	0	39K	10k	0	1	OPEN	OPEN	Hi-FIX	OPEN
	R	1	0	0	0	Non	10k	1	0	OPEN	OPEN	Hi-FIX	OPEN
DNX8	K	1	0	1	0	10k	Non	1	1	OPEN	OPEN	OPEN	OPEN
	E	1	0	1	0	2.4K	10k	0	1	OPEN	OPEN	OPEN	OPEN

Voltage set up in TYPE0

Destination	Setup in $\mu$ -com		Pull-down resistance	Pull-up resistance
	min	max		
K	0.00	0.33	10	Non
E	0.34	0.99	2.4	10
Q	1.00	1.65	6.8	10
M	1.66	2.31	15	10
V/X	2.32	2.97	39	10
R	2.98	3.30	Non	10

② KEY6

	Key name	Setup in $\mu$ -com		Actual resistance
		min	max	
KEY1	VOL-	0.00	0.32	0.2
KEY2	ATT	0.33	0.86	2.4
KEY3	TEL	0.87	1.40	3.6
KEY4	VSEL	1.41	1.94	6.2
KEY5	VOL+	1.95	2.48	12
KEY6	MENU	2.49	3.02	36
NO KEY		3.03	3.30	

# TEST MODE

## 1. General information

### 1.1. Purpose

This document is prepared to clarify necessary information on the Test mode used at the production processes and at the service bases regarding the products of 09Visual Product.

### 1.2. Scope of application

This document is applied for the models described in Table 1.2.1. (This document also describes the presence or absence of the functions related to the Test mode.)

Class	Destination	Model Name	BT Built-in	Ext SW	DSP
DNX	K	DNX9140	○	x2	5.1ch
	E	DNX9240BT	○	x2	5.1ch
	K	DNX7140	○	x2	Simplified
	K2	DNX7000EX	○	x2	Simplified
	E	DNX7240BT	○	x2	Simplified
	M / M2 / X / V	DNX7340BT	○	x2	Simplified
DDX	K	DDX914	○	x2	5.1ch
	E	DDX8024BT	○	x2	5.1ch
	Q	DDX8054BT	○	x2	5.1ch
	R / M / M2 / X / V	DDX8034BT	○	x2	5.1ch
	K	DDX714	○	x2	Simplified
	R / M / M2 / X / V	DDX7034BT	○	x2	Simplified
	Q	DDX6054	×	×	×
	M / M2 / X / V	DDX6034	×	×	×

Table 1.2.1 Model List of 09Visual Product

### 1.3. Outline

This section describes the Test mode of the 09Visual Product regarding the display specifications, the specifications of the operation with the key remote controller, and the details of its behavior.

In the Test mode, the LED for SI flickers at regular intervals. When starting in the Test mode, the illumi is turned ON in white. Turn the system OFF in 30 minutes when it is started in the Test mode.

## 2. Test Mode specification

### 2.1. Operations

The system can be transferred to the Test mode with the following two approaches:

Regardless of the ON/OFF status of security, the system can be transferred to the Test mode with one of the following operations.

- (1) Press the [Reset] key to start the system while pressing the [SRC] key and the [ATT] key at the same time.
- (2) Input “2 → ► → 3” with the remote controller (SW: AUD) into the standby source.

### 2.2. Screen transition

The system is started with the Test Mode Main screen when it is started in the Test mode. When the system is transferred to the Test mode using the remote controller, it transfers to the Test Mode Main screen.

A variety of screens that can be transferred from the Test Mode Main screen is shown in Figure 2.2.

Refer to Section 2.3 for the functions in each screen.

# TEST MODE

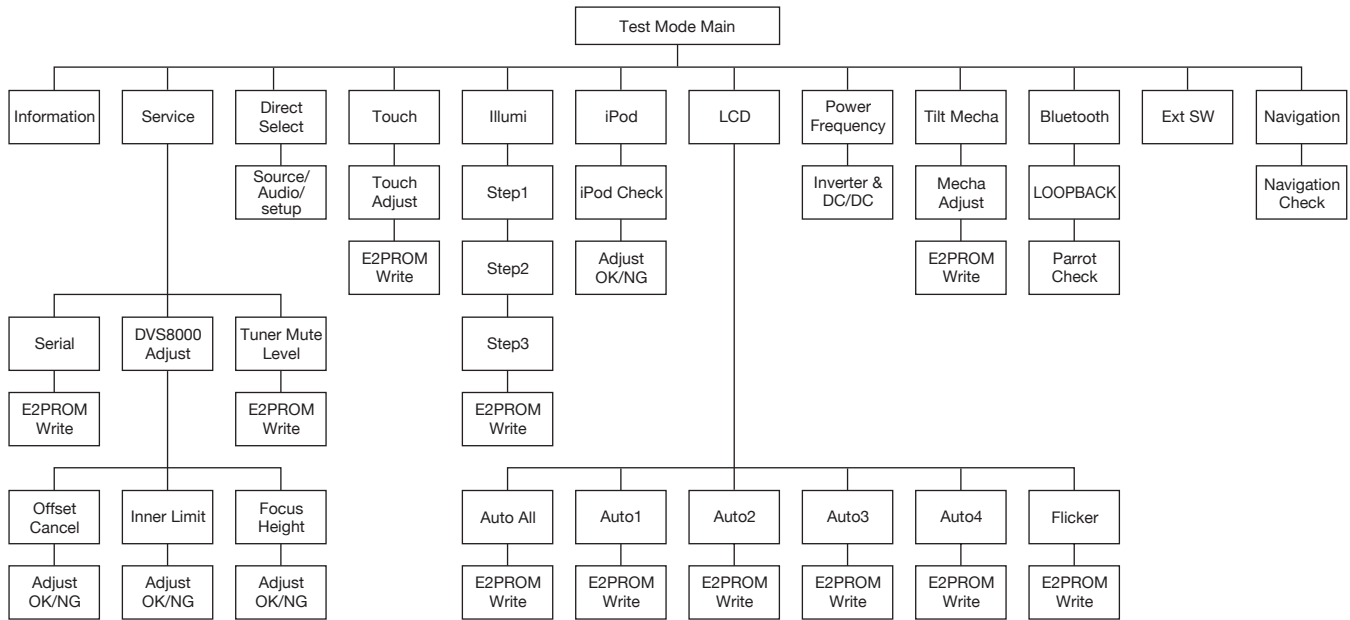


Figure 2.2 Screen transition

## 2.3. Specification of screens

This section describes the Test mode functions available in each screen. (The screen layout may differ from the real system.)

### 2.3.1. Test Mode Main screen

This section describes the keys that can be used to transfer to each screen.

Contents of the display shown in the Test Mode Main screen are described in Figure 2.3.1-1.

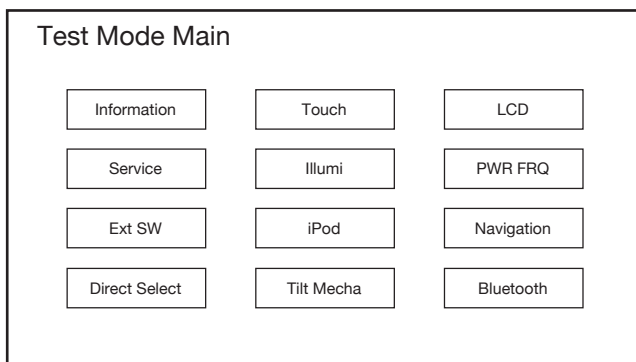


Figure 2.3.1-1 Test Mode Main screen

### Key Specification

- Information : Transfer to Information screen.
- Service : Transfer to Service screen.
- Ext SW : Waveform output for Ext SW inspection.
- Direct Select : Transfer to Direct Select screen.
- Touch : Transfer to Touch Adjust screen.
- Illumi : Transfer to Illumi Adjust screen.
- iPod : Transfer to iPod Authentication Chip Confirmation screen.
- Tilt Mecha : Transfer to Tilt Mecha Position Adjustment screen.
- LCD : Transfer to the LCD Adjustment screen.
- PWR FRQ : Transfer to the X35 Power Frequency Confirmation screen.
- Navigation : Transfer to Navigation Update Confirmation screen.
- Bluetooth : Transfer to Bluetooth Confirmation screen. This key turns red after the completion of Flash memory initialization in Bluetooth Module.

# TEST MODE

\* Key itself is inactively displayed for the models which do not support the functions.

The models which do not support the functions are described in the Table 2.3.1.

Key Name	Models which do not support the functions
Ext SW	DDX6034/6054
Navigation	All DDX series
Bluetooth	DDX6034/6054

Table 2.3.1 Models without mounting the functions

• Waveform Output for the Ext SW inspection  
 Pressing the [Ext SW] key will control the terminal of Ext SW1/Ext SW2, as shown in Figure 2.3.1-2.

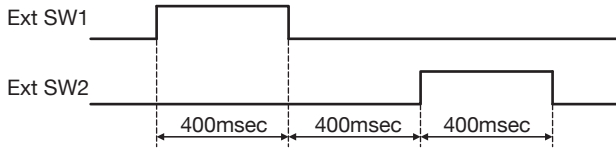


Figure 2.3.1-2 Waveform Output for the Ext SW inspection

### 2.3.2. Information screen

This screen is to display such information as version number and other conditions.  
 The contents displayed on the Information screen are shown in Figure 2.3.2.

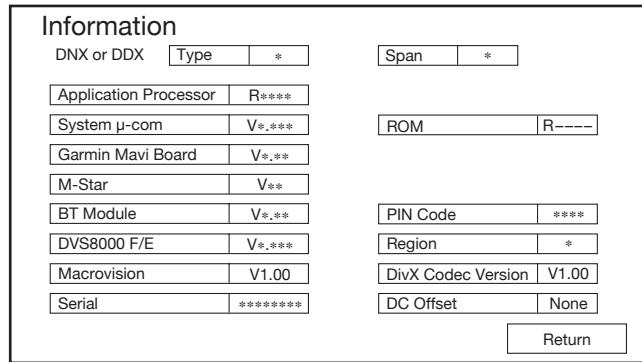


Figure 2.3.2 Information screen

#### Key Specification

Return : Transfer to Test Mode Main screen.

\* Sign of “#1” or “\*” may be displayed behind the Region code. Each sign indicates the following information.  
 #1 : Region code can be modified for one more time  
 \* : Modification and addition of the Region code

\* Item itself is not displayed for the models which do not support the functions.

The models which do not support the functions are described in the Table 2.3.2.

Item	Models which do not support the functions
Garmin Navi Board	All DDX series
BT Module	DDX6034/6054
PIN Code	DDX6034/6054

Table 2.3.2 Models without mounting the functions

### 2.3.3. Service screen

This screen is to show a variety of service information.  
 The contents displayed on the Service screen are shown in Figure 2.3.3.

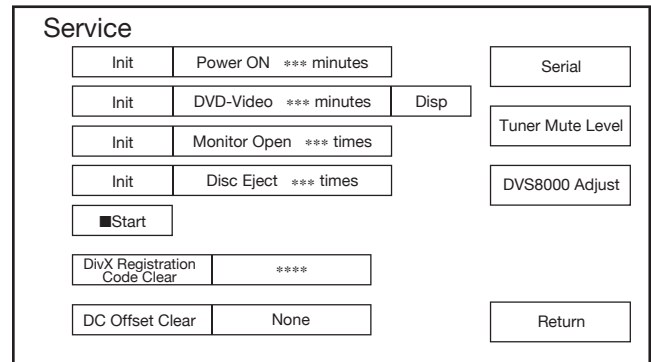


Figure 2.3.3 Service screen

#### Key Specification

- Init : Select items to initialize with this key (pressing this key again sets to deselect)
- Start : Pressing this key for 1 second or more will initialize the item selected with the [Init] key.
- Disp : Display switching of the disc play back time (refer to the followings)  
 DVD-Video → DVD-VR → CD → VCD → Media Disc → . . .
- Serial : Transfer to the Serial No. Writing-in screen.
- Tuner Mute Level : Transfer to Tuner Mute Level Adjustment screen.
- DVS8000 Adjust : Transfer to the DVS8000 Adjustment screen.
- DivX Registration Code Clear : Clear DivX Registration Code.
- DC Offset Clear : Clear DC Offset information in the nonvolatile memory.
- Return : Transfer to Test Mode Main screen.



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- DivX Registration Code

Display DivX Registration Code, and clear the Code with [Clear] key.

After the clearing of the Code, display “None”.

\* Clear the Code after ejecting the Disc.

- DC Offset

When the DC Offset detection information is shown as “None”, it means that the offset is not detected. When it is shown as “Detect (X)”, it means that the offset is detected.

(X=1~3 : The number of capacitor leak detected)

Clear the detection information using the [Clear] key.

- Service Information

Power ON time, Disc play back time, Monitor Open count, and Disc Eject count are displayed.

Press the [Init] key of an item to initialize to select it. (Multiple selections are available / the selected items are focally displayed)

After selecting the item to initialize, pressing the [Start] key for 1 second or more will initialize the selected service information.

### 2.3.4. Serial No. Entry screen

Enter the serial number of each set from this screen.

The Serial No. Entry screen is shown in Figure 2.3.4.

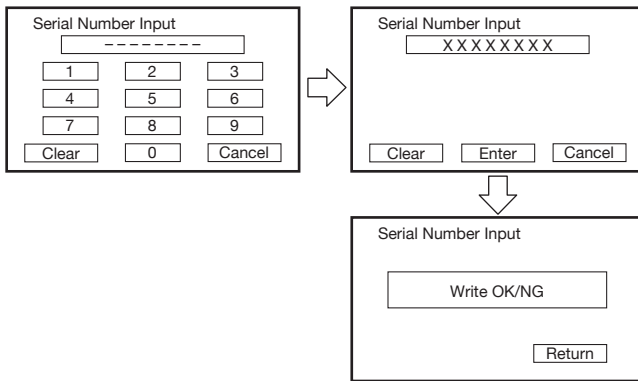


Figure 2.3.4 Serial No. Entry screen

#### Key Specification

- 0~9 : 10key used to enter the serial number.
- Clear : Clear the serial number being input.
- Cancel : Transfer to Service screen.
- Enter : Start entering the serial number.
- Return : Transfer to Service screen.

\* Select black for the background color until “Write OK/NG” is displayed.

Modify the background color to blue at the same time as “Write OK” is displayed.

Modify the background color to red at the same time as “Write NG” is displayed.

\* When “Write NG” is displayed after pressing the [Enter] key, enter the Test mode again to start from the beginning.

### 2.3.5. Tuner Mute Level Adjustment screen

Perform adjustment of the Mute Level memorized in the nonvolatile memory of Tuner F/E.

The Tuner Mute Level screen is shown in Figure 2.3.5.

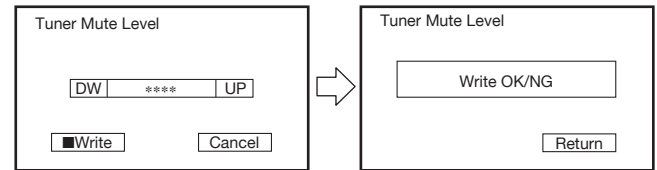


Figure 2.3.5 Tuner Mute Level Adjustment screen

#### Key Specification

UP : Mute Level Up

DW : Mute Level Down

■Write : Press this key for 1 seconds or longer to make the data writing into the nonvolatile memory.

Cancel : Transfer to Service screen.

Return : Transfer to Service screen.

\* Select black for the background color until “Write OK/NG” is displayed.

Modify the background color to blue at the same time as “Write OK” is displayed.

Modify the background color to red at the same time as “Write NG” is displayed.

\* Adjust the Tuner Mute Level under the following conditions. Under the other conditions than the followings, the Tuner Mute Level can not be adjusted if the Tuner Mute Level Setup screen is shown.

The frequency shall have to be set before transferring to the Tuner Mute Level Adjustment screen. (Even after completing adjustment, the frequency remains the same.)

Audio Source : Tuner

LOUD : OFF

Volume : Step30

Frequency : Default value of the set

# TEST MODE

## 2.3.6. DVS-8000 Adjustment screen

This is to display DVS-8000 Servo Adjustment screen. (As for the details of the adjustment procedures, refer to the mechanism specifications.)

The DVS8000 Adjustment screen is displayed in Figure 2.3.6.

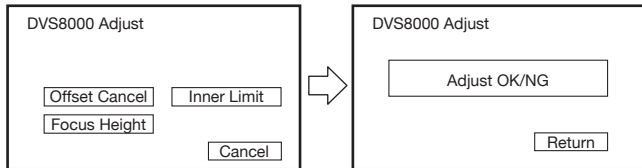


Figure 2.3.6 DVS-8000 Adjustment screen

### Key Specification

- Offset Cancel : Start the Offset Cancel Adjustment.
- Inner Limit : Start the Inner Limit Adjustment.
- Focus Height : Start the Focus Height Adjustment.
- Cancel : Transfer to Service screen.
- Return : Transfer to the DVS8000 Adjustment screen. (left screen in Figure 2.3.6)

- \* Select black for the background color until “Adjust OK/NG” is displayed.
- Modify the background color to blue at the same time as “Adjust NG” is displayed.
- Modify the background color to red at the same time as “Adjust NG” is displayed.

## 2.3.7. Direct Select screen

Pressing the [Direct Select] key on the Test Mode Main screen can transfer to the GUI screen in normal operation. At this time, transfer to the Source Select screen.

## 2.3.8. Touch Adjust screen

Fine-tune the variations of touch feeling in of each set. Touch 4 markers one by one, and the adjustment is completed when the “Write OK” is shown on the screen. If the “Write NG” is shown, transfer to the Test mode again to re-start the adjustment from the first step. The Touch Adjustment screen is shown in Figure 2.3.8.

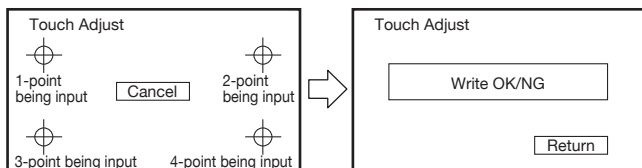


Figure 2.3.8 Touch Adjust screen

### Key Specification

- Cancel : When the Cancel button is pressed while entering the 1st point, the system transfers to the Test Mode Main screen.
- When the Cancel button is pressed while entering the other point than the 2nd point, the system transfers to the status to enter the 1st point.
- Return : Transfer to Test Mode Main screen.

- \* Select black for the background color until “Write OK/NG” is displayed.
- Modify the background color to blue at the same time as “Write OK” is displayed.
- Modify the background color to red at the same time as “Write NG” is displayed.

## 2.3.9. Illumi Adjustment screen

Perform adjustment of white color used for the Key Illumi. The Illumi Adjustment screen is displayed in Figure 2.3.9.

When checking the Key Top, enlarge the screen.

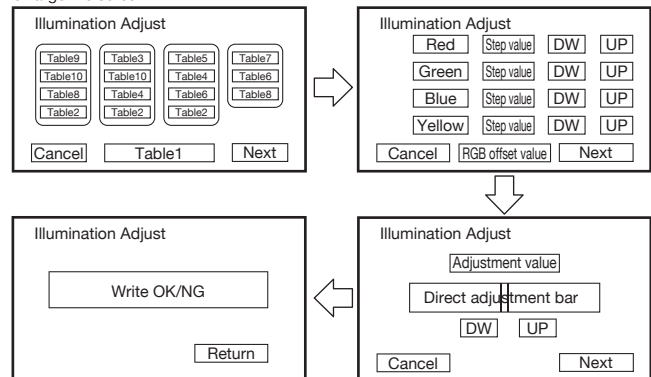


Figure 2.3.9 Illumi Adjustment screen

### Key Specification

- Next : Transfer to the next Adjustment screen.
- Cancel : Transfer to the previous Adjustment screen. (Transfer to the Test Mode Main screen during the screen in the leftmost part of Figure 2.3.9 is being displayed.)
- Table1~10 : Select a Table for the Key Illumi.
- Red : Turn the Red Offset mode ON.
- Green : Turn the Green Offset mode ON.
- Blue : Turn the Blue Offset mode ON.
- Yellow : Turn the Yellow Offset mode ON.
- Up/Down (Red) : Red Offset key. (This key is displayed only when the Red Offset mode is turned ON)

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Up/Down (Green)

: Green Offset key. (This key is displayed only when the Green Offset mode is turned ON)

Up/Down (Blue)

: Blue Offset key. (This key is displayed only when the Blue Offset mode is turned ON)

Up/Down (Yellow)

: Yellow Offset key. (This key is displayed only when the Yellow Offset mode is turned ON)

Direct Adjustment bar

: Right and Left Adjustment.

DW / UP : Right and Left Adjustment. (for Fine Adjustment)

Return : Transfer to Test Mode Main screen.

\* Select black for the background color until “Write OK/NG” is displayed.

Modify the background color to blue at the same time as “Write OK” is displayed.

Modify the background color to red at the same time as “Write NG” is displayed.

### 2.3.10. iPod Authentication Chip Confirmation screen

Check communication for iPod authentication.

The iPod Authentication Chip Confirmation screen is displayed in Figure 2.3.10.

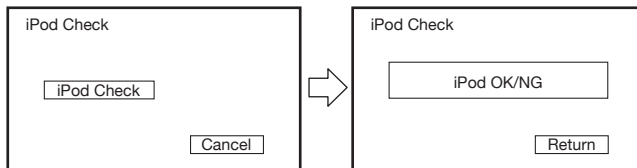


Figure 2.3.10 iPod Authentication Chip Confirmation screen

#### Key Specification

iPod Check : Start checking communication for iPod authentication.

Cancel : Transfer to Test Mode Main screen.

Return : Transfer to Test Mode Main screen.

\* Select black for the background color until “iPod OK/NG” is displayed.

Modify the background color to blue at the same time as “iPod OK” is displayed.

Modify the background color to red at the same time as “iPod NG” is displayed.

### 2.3.11. LCD Adjustment screen

This screen is used to perform adjustment of LCD.

The displayed contents of the LCD Adjustment screen is displayed in Figure 2.3.11.

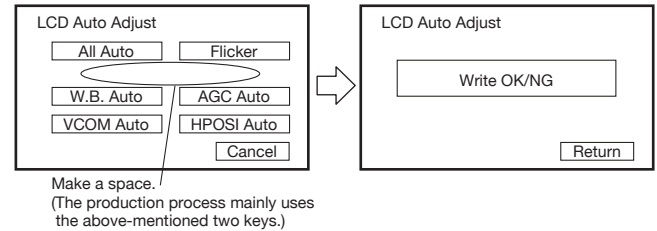


Figure 2.3.11 LCD Adjustment screen

#### Key Specification

All Auto : Start Auto Adjustment. (The following four Auto adjustments are executed continuously)

W.B. Auto : Start the W.B. Auto adjustment.

AGC Auto : Start the AGC Auto adjustment.

VCOM Auto : Start the VCOM Auto adjustment.

HPOSI Auto : Start the HPOSI Auto adjustment.

Flicker : Transfer to the Flicker Adjustment screen.

Cancel : Transfer to Test Mode Main screen.

Return : Transfer to Test Mode Main screen.

\* Select black for the background color until “Write OK/NG” is displayed.

Modify the background color to blue at the same time as “Write OK” is displayed.

Modify the background color to red at the same time as “Write NG” is displayed.

### 2.3.12. Flicker Adjustment screen

This screen is used to perform adjustment of the Flicker.

Transfer to this screen also when Tenkey0 on the remote controller is pressed.

The displayed contents of the Flicker Adjustment screen are displayed in Figure 2.3.12.

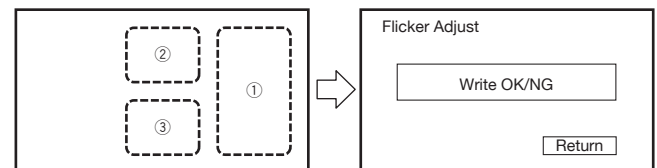


Figure 2.3.12 Flicker Adjustment screen

# TEST MODE

## Key Specification

- ① : Flicker Adjustment. (The topmost part is MIN and the lowermost part is MAX.)  
Touching an arbitrary part sets a preset value according to the places.
  - ② : Transfer to the LCD Adjustment screen. (Cancel)
  - ③ : Start the Writing-in operation in the nonvolatile memory. (Next)
- Return : Transfer to the LCD Adjustment screen.

\* Select black for the background color until “Write OK/NG” is displayed.

Modify the background color to blue at the same time as “Write OK” is displayed.

Modify the background color to red at the same time as “Write NG” is displayed.

### 2.3.13. X35 Power Frequency Check screen

This screen is used to perform switching of the inverter and the DC/DC frequency.

Power Frequency Check screen is displayed in Figure 2.3.13.

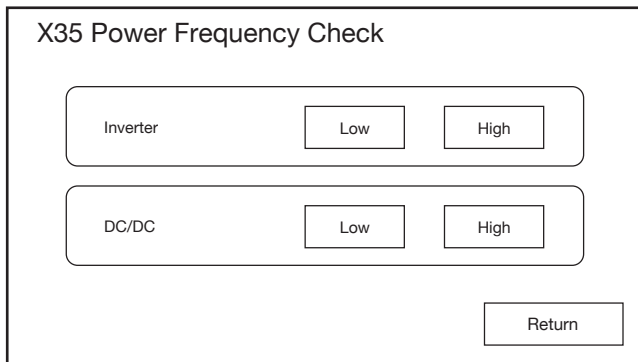


Figure 2.3.13 Power Frequency Check screen

## Key Specification

- Inverter Low : Set the Inverter Frequency to a Low level.
- Inverter High : Set the Inverter Frequency to a High level.
- DC/DC Low : Set the DC/DC Frequency to a Low level.
- DC/DC High : Set the DC/DC Frequency to a High level.
- Return : Transfer to Test Mode Main screen.

### 2.3.14. Tilt Mecha Adjustment screen

This screen is used to perform adjustment of the Panel Mechanism.

The Tilt Mecha Adjustment screen is displayed in Figure 2.3.14.

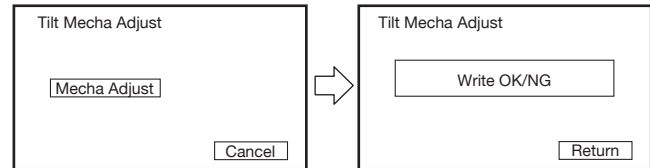


Figure 2.3.14 Tilt Mecha Adjustment screen

## Key Specification

Mecha Adjust : Start adjustment of the Panel Mechanism.

Cancel : Transfer to Test Mode Main screen.

Return : Transfer to Test Mode Main screen.

\* Select black for the background color until “Write OK/NG” is displayed.

Modify the background color to blue at the same time as “Write OK” is displayed.

Modify the background color to red at the same time as “Write NG” is displayed.

The “NG” is displayed when the status is in any one of the following conditions: (When the “NG” is displayed, no data is written in the nonvolatile memory.)

Failure in writing data in nonvolatile memory

When the voltage acquired is 0.268V or higher in the Open condition

When the voltage acquired is lower than 4.160V or it is higher than 4.376V in the Close condition

**Note:** In case of “NG”, check if the mechanism position adjustment jig is properly installed or not, and then transfer to the Test mode again to start over the adjustment.

# TEST MODE

## 2.3.15. Bluetooth Confirmation screen

Perform LOOPBACK test with the other Bluetooth device in the line.

The Bluetooth Confirmation screen is displayed in Figure 2.3.15.

- Select one device that is used as a counterpart of the LOOPBACK test from the device list displayed on the screen. (The selected device is highlighted with the different color from others.)
- Start the LOOPBACK test when “Complete” is displayed in the stats display area.
- After the completion of the LOOPBACK test, press [Clear] key to initialize the flash memory and to set ‘0000’ in PIN Code. The “OK” indicates the completion of the test. “NG” indicates that you have to enter in the Test mode again to start over the test.

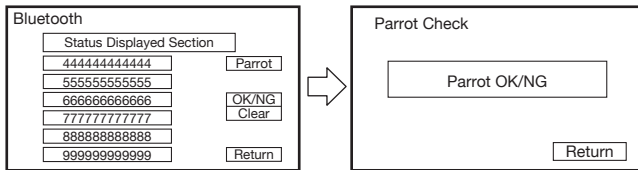


Figure 2.3.15 Bluetooth Confirmation screen

### Key Specification

4444444444~9999999999

: Connect to the selected device (and then start the LOOPBACK test after the completion of the connection).

Parrot : Start the Parrot Check.

Clear : Initialize the flash memory and to set ‘0000’ in PIN Code.

Return : Transfer to Test Mode Main screen.

### Status display specification

Complete : Indicate the status that is ready to start the LOOPBACK test after the completion of the connection with the device.

Connect NG : If the connection with the device is failed, select a device again and try to make the connection with it.

\* Select black for the background color until “Parrot OK/NG” is displayed.

Modify the background color to blue at the same time as “Parrot OK” is displayed.

Modify the background color to red at the same time as “Parrot NG” is displayed.

\* Details of the counter-machine for exclusive use of the Test mode

Only Bluetooth Module selected as a counter-machine is displayed on the device list to shorten the connection time.

When a counter-machine is newly required due to a failure or an expansion of the counter-machine, mount Bluetooth Module having the address displayed in the device list on the counter-machine without fail.

## 2.3.16. Navigation Update Check screen

This screen is used to check the USB connection with the Garmin Navigation Board.

The Navigation Update Check screen is displayed in Figure 2.3.16.

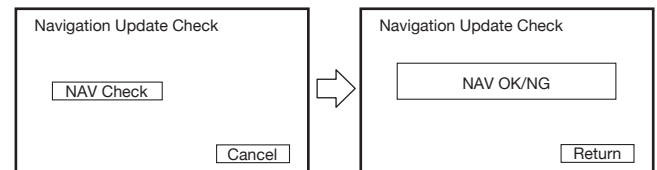


Figure 2.3.16 Navigation Update Check screen

### Key Specification

NAV Check : Start check of the Navigation Update.

Cancel : Transfer to Test Mode Main screen.

Return : Transfer to Test Mode Main screen.

\* Select black for the background color until “NAV OK/NG” is displayed.

Modify the background color to blue at the same time as “NAV OK” is displayed.

Modify the background color to red at the same time as “NAV NG” is displayed.

## 2.4. Functional specification

This section describes the test mode specification in each function.

### 2.4.1. Display

Although this screen is used for exclusive use in the Test mode, the screens including the Source Control/Audio Control/Setup screen etc. are the same as while in normal operation.

As for the display of the Touch cursor, perform operation in the same way as while in normal operation.

The [Multi Function] key of each Source control screen is set as the displayed state. (The drawer of Multi Function is set as the Open state)

# TEST MODE

## 2.4.2. Key

Even in the Test mode, the specifications of the hard key shall be the same as while in normal operation.

For your reference, the multiple pressing specifications of the key are described in Table 2.4.2. (The original text of the multiple pressing key specifications is the "09\_hard key specifications .xls" of Notes DB.)

Multiple Pressing Key	Operation
SRC + ATT + Reset	Test Mode ON
NAV (Menu) + Eject + Reset	Span switching
SRC + AUD + Reset	DC Offset/Service/Memory Other Clear
Eject + AUD + Reset	Retailer mode: ON
SRC + Reset	Retailer mode: OFF
Eject + Volume Down + Reset	RDS test drive mode ON
SRC + Volume Down + Reset	Opening screen customization

Table 2.4.2 (for reference)  
 Multiple pressing key specifications

## 2.4.3. Remote controller

The remote controller key specification is listed in Table 2.4.3. (Note that the keys that are not listed in the table have conventional functions.)

Select Audio SW mode on the remote controller.

Key	Function
FM	DVD video inspection mode
AM	DVD audio inspection mode
Tenkey #0	Transfer to the Flicker Adjustment screen
Tenkey #2	Set the Volume value as Step26
Tenkey #3	Change the V-IN (R-CAM) mirror mode switching
Tenkey #5	Forcible Navigation Voice Interruption ON/OFF
Tenkey #6	Transfer to the Screen Adjustment screen
Tenkey #9	Use for design examinations

Table 2.4.3 Remote Controller key

## 2.4.4. Video control

Switch AV-OUT linking with the Source (In the case that the Source is other than those indicated in the following section, do not specify AV-OUT in particular).

Source: AV-IN → AV-OUT: AV-IN

Source: iPod → AV-OUT: iPod

Source: DVD → AV-OUT: DVD

Source: USB → AV-OUT: USB

Source: SD → AV-OUT: SD

Source: TV → AV-OUT: TV

Source: NAVI → AV-OUT: NAVI (Only DNX)

## 2.4.5. Tuner

- When unable to access E2PROM, display Error (on the Tuner screen).
- K3I forced switching
  - Forced to Narrow by pressing and hold Preset 4 : xxx.x1MHz
  - Forced to Middle by pressing and holding Preset 5 : xxx.x2MHz
  - Forced to Wide by pressing and holding Preset 6 : xxx.x3MHz
- Perform the Span switching (K↔M) with the [NAV (Menu)] key, the [Eject] key, and the [Reset] key. The Span information is displayed on the Information screen.
- When RDS PS is "RDS\_TEST" in the Tuner source, turn OFF P-CON.

## 2.4.6. DVD

- CDDA Check (KTD-02A)
  - Play back Track 1 while performing the Loading operation.
  - Use "Track UP/DW" to play back in the order of sequence as shown below  
 : 1↔9↔15↔10↔11↔12↔13↔14↔9↔1 . . .
  - Perform Direct selection of channel to Track 28 by pressing the [RDM] key.
- DVD audio/video checking (TDV-540A/TTD-100)
  - Play back Title 1-Chapter 1 while performing the Loading operation.
  - Use "Chapter UP/DW" to play back in the order of sequence as shown in Tables 2.4.6-1 and 2.4.6-2.
  - Use FM/AM on the remote controller to change the video/audio check. (Default: Video Check)

For DVD video checking.				
Title	Chapter			Audiostream
3	6	Level		Audiostream1
3	17	AM/PM noise		Audiostream1
3	8	Frequency characteristics		Audiostream1
3	12	Color measurement		Audiostream1
4	1	1kHz, 0dB	PCM96k/24bit	Audiostream3
4	6	17Hz	PCM96k/24bit	Audiostream3

Table 2.4.6-1 DVD Video check



# TEST MODE

For DVD audio checking.				
Title	Chapter			Audiostream
4	1	1kHz, 0dB	PCM48k/24bit	Audiostream2
4	6	17Hz	PCM48k/24bit	Audiostream2
4	15	20kHz	PCM48k/24bit	Audiostream2
4	2	Infinity	PCM48k/24bit	Audiostream2
4	3	L	PCM48k/24bit	Audiostream2
4	4	R	PCM48k/24bit	Audiostream2
4	1	1kHz, 0dB	Dolby	Audiostream1
4	2	Infinity	Dolby	Audiostream1

Table 2.4.6-2 DVD Audio check

## 2.4.7. iPod

- For in the Test mode only, add the [V-Play] key to the [Multi Function] key of the iPod source control screen.  
[V-Play] key operation specifications  
This key is used to play back the Video contents in the iPod with one operation.  
Pressing the [V-Play] key executes a series of following operations.
  - Turning On the [Video] key on the iPod Source Control screen.
  - Select "Movie" on the Video Contents List screen.
  - Select the top file. (start to play back)
- Authentication operation check of the authentication chip  
Connecting iPod will perform authentication operation check of the authentication chip.

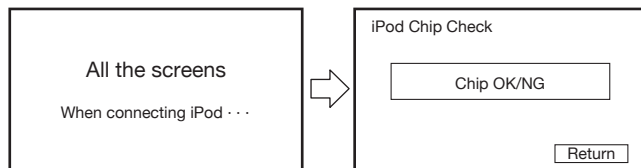


Figure 2.4.7 Authentication operation check results

It is possible to judge as OK within 5 seconds in normal operation.

- \* Select black for the background color until "Chip OK/NG" is displayed.  
Modify the background color to blue at the same time as "Chip OK" is displayed.  
Modify the background color to red at the same time as "Chip NG" is displayed.

In the case that this check is always performed in the production process, the [iPod] key on the Test Mode Main screen is not necessary.

## 2.4.8. TV

For in the case that the connected TV Tuner Box is the E destination only, modify the setting as described in Table 2.4.8.

Item	Setting
Band	TV1
Area	Area4 (When connecting to KTC-V300E) Area5 (When connecting to KTC-V500E)
Channel	Channel 8

Table 2.4.8 TV Test mode

## 2.4.9. Audio

The settings in the Test mode are described in Table 2.4.7-1. (The settings of items which are not listed in the table are as usual.)

	5.1ch DSP Model	Simplified DSP Model	Model without DSP
Volume	Step30	Step30	Step30
Loudness	-	-	OFF
Bass Boost	-	OFF	-
EQ (Tone )	Flat	Flat	Flat
SystemQ Ex	-	-	OFF
Surround	Bypass + Center	-	-
Subwoofer	ON	ON	ON
Center Speaker	ON	-	-
SRS WOW	OFF	-	-
Space Enhancer	-	OFF	-
Line Mute	ON	ON	ON
DSP ON/OFF	ON	OFF	-

Table 2.4.7-1 Test mode defaults

The key operation in the Test mode is described in Table 2.4.7-2. (The settings of items which are not listed in the table are as usual.)

	5.1ch DSP Model	Simplified DSP Model	Model without DSP
Balance	With one click Left↔Center↔Right	With one click Left↔Center↔Right	With one click Left↔Center↔Right
Fader	With one click Front↔Center↔Rear	With one click Front↔Center↔Rear	With one click Front↔Center↔Rear
X'over FREQ	With one click MIN↔MAX	With one click MIN↔MAX	With one click MIN↔MAX
EQ (Tone) Level	With one click MIN↔0↔MAX	With one click MIN↔0↔MAX	With one click MIN↔0↔MAX
DSP ON/OFF	Having key on the Audio Setup screen	Having key on the Audio Setup screen	-

Table 2.4.7-2 Test mode key operation

# TEST MODE

## 2.4.10. AV IF

- The settings in the Test mode are described in Table 2.4.8. (The settings of items which are not listed in the table are as usual.)

	Settings
AV-IN Interruption	ON
R-CAM Interruption	ON
NAV Interruption SP Setting	Front ALL

- An interruption occurs in R-CAM detection while in normal detection operation.
- V-IN (R-CAM) mirror mode shall be switched with Tenkey #3 on the remote controller.

## 2.4.11. Screen adjustment

- Except for Bright during Illumi OFF, the default shall be Center. (Default of Bright during Illumi OFF is MAX.)
- One click operation will perform changes in the following order: MIN ↔ Center ↔ MAX.
- Transfer to the Screen adjustment screen with Tenkey6 on the remote controller.

## 2.4.12. DC Offset

- DC Offset detection status (normal/error) clear  
By pressing the [DC Offset Clear] key in the Service screen, clear DC Offset detection information.
- DC Offset detection information is displayed on the Information screen/Service screen.
- In the Test mode, even if DC Offset is detected, it is not written into the nonvolatile memory.  
However, the detection operation shall be carried out and when the DC Offset is detected, the Protect shall be displayed and it becomes all CH Mute operation.
- Volume setting can be changed to the following settings by pressing Tenkey 2 on the remote controller.
  - Source : DVD
  - Assigned DISC : KTD-02A
  - Assigned Track : 15 (20Hz, 0dB)
  - Assigned VOL : 26 Step

## 2.4.13. Panel Mechanism

The Touch operation is operative even in the Full Open state of the Tilt mechanism.

## 2.4.14. Clear the contents in the nonvolatile memory (E2PROM etc.)

- Clear the contents in the nonvolatile memory which must not remain at the time of shipment.  
Clear the contents in the nonvolatile memory with the [SRC] key, the [AUD] key, and the [Reset] key.
  - Clear OK : Change the key illumi to blue.
  - Clear NG : Change the key illumi to red.
  - In clearing operation : Change the key illumi to white.
- The following information is cleared:  
DC Offset information / Memory function/ Retailer mode information / Service information
- If a jig is connected and the region is written in, the following information shall be cleared.  
Serial No. / Security code / Touch correction / LCD adjustment value / Mechanism position adjustment value  
DC Offset informatio / Memory function / Retailer mode information / Service information / Illumi adjustment

### Notes:

When replacing the following elements by the service staff members, perform adjustment again in the Test mode since the following data is cleared.

When replacing E2PROM (X15: IC203),

- Security code / Touch correction: Mechanism position adjustment value
- DC Offset information / Memory function / Retailer mode information / Service information

When replacing Flash Memory (X35: IC200) for M-Star,

- General LCD adjustment (including the flicker adjustment) Illumi adjustment

When replacing F-RAM (X15: IC800) for Magnum,

- Input serial No.

## 2.4.14. Version Check

- While in the Test mode, connecting a USB containing a specific file will compare it with information described in each version and file to judge whether it is O.K. or N.G.
  - Select black for the background color until “Check OK/ NG” is displayed.
  - Modify the background color to blue at the same time as “Check OK” is displayed.
  - Modify the background color to red at the same time



## TEST MODE

as “Check NG” is displayed.

- The following items shall be checked.
  - Application Processor Version
  - System  $\mu$ -com Version and ROM correction number
  - Garmin Navi Board Version
  - M-Star Version
  - BT Module Version
  - DVS8000 F/E Version
  - Region Code
- After performing the Version Check, execute Reset or Power OFF/ON.

### 2.4.15. Region / Serial No. writing-in (Production process)

- In the production process, Region and Serial No. are written in for every one product using the writing-in jigs. In this process, the writing-in jigs are connected with the products through the TV I/F connector.

### 2.4.17. Procedure to clear Security Code

If the unit is started with the Security ON condition, use the following procedure to clear the Security Code (in the mode other than the Test Mode).

- 1) When the unit is Reset or is powered on after the backup OFF under the Security ON condition, the unit boots up from the Security Code Entry screen.
- 2) Select Audio SW mode on the remote controller, and manually enter the code following the next procedure:
  - Step 1: Press Tenkey5 twice
  - Step 2: Press Tenkey2 three times
  - Step 3: Press Tenkey2 once
  - Step 4: Press Tenkey7 twice

When the entry is made improperly during the Steps 1~4, repeat the code entry from the Step 1 after entering other remote controller Key.

When the Security Code Entry screen is cleared, the Security Code clear is completed.

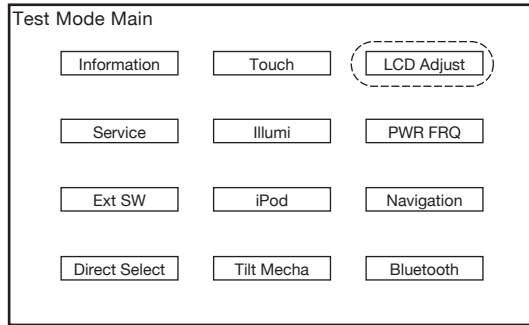
### 2.4.18. Other

Do not operate the Back Up Memory function during the Test mode.

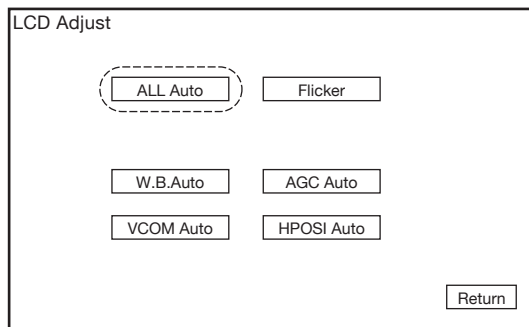
# ADJUSTMENT

## 1. VCOM/AGC/WB/HPOSI AUTO adjustment

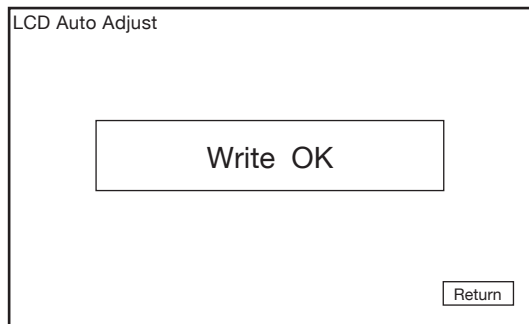
- Input signal  
White Raster 100% (Composite signal from Signal generator)
- Adjustment & Inspection method  
Test mode is started.  
<1> It is touches in order “LCD Adjust” of the screen.  
<2> It is touches in order “ALL Auto” of the screen.  
<3> Automatic adjustment result is confirmed (Display to “Write OK”).  
It is to touch “Return” of the screen.



<1>



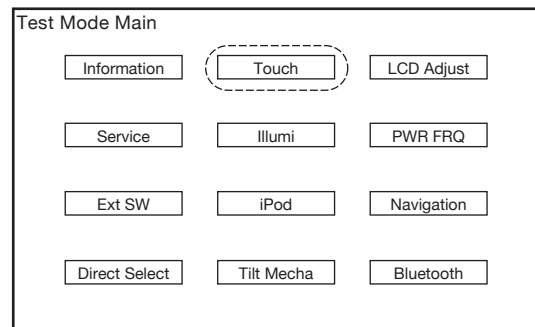
<2>



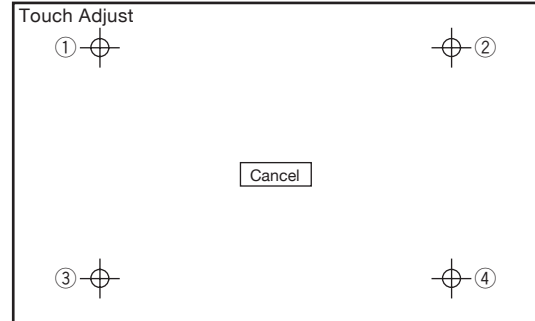
<3>

## 2. Screen position adjustment and Touch panel operation

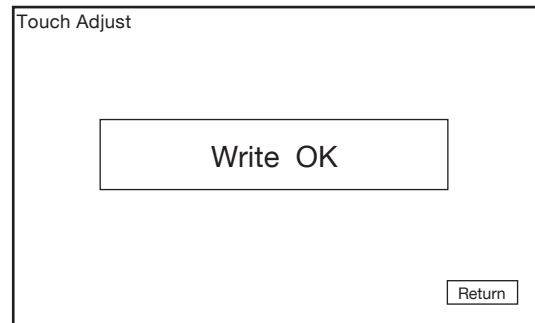
- Input signal  
No signal
- Adjustment & Inspection method  
<1> Test mode is started. It is touches in order “Touch” of the screen.  
<2> It adjusts in the order of upper left, upper right, lower left and lower right.  
<3> Adjustment result is confirmed. (Display to “Write OK”).  
It is touches in order “Return” of the screen.



<1>



<2>



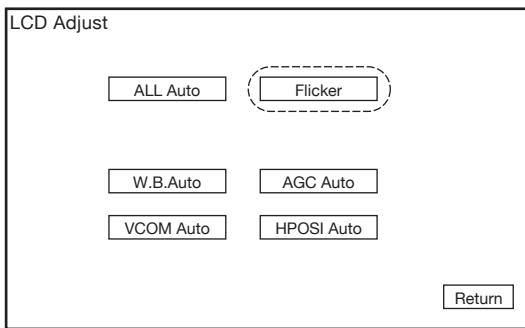
<3>

# ADJUSTMENT

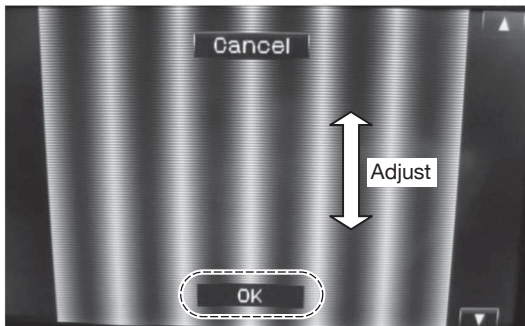
## 3. Flicker adjustment

- Input signal  
No signal
- Adjustment & Inspection method  
Test mode is started.  
<1> It is touches in order “flicker” of the screen.  
<2> Touch display and move up/down so that flicker amplitude may become the minimum.  
<3> Touch “OK” area.  
<4> Adjustment result is confirmed. (Display to “Write OK”).

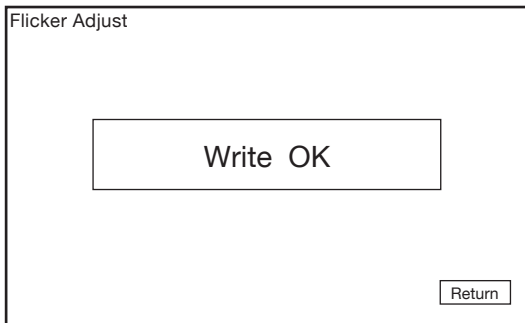
It is touches in order “Return” of the screen.



<1>



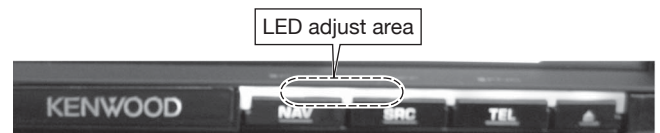
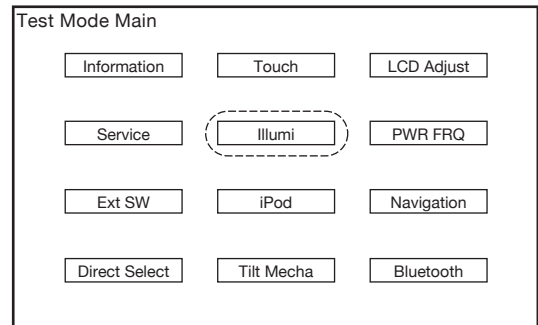
<2> <3>



<4>

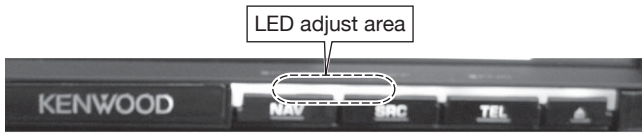
## 4. Illumination adjustment

- Input signal  
No signal
- Adjustment & Inspection method  
Test mode is started. It is touches in order “Illumi” of the screen.  
Picture ① for LED\_WB adjustment is displayed.  
Decides from four lines of Red/Green/Blue/Yellow whether you became the color what color of the LED of the panel right side- similar sample set white.  
Confirm that LED whitened and push NEXT\_KEY.

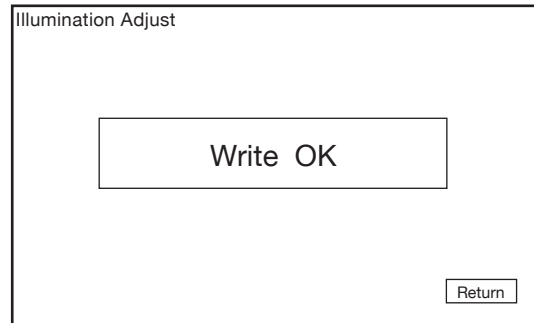
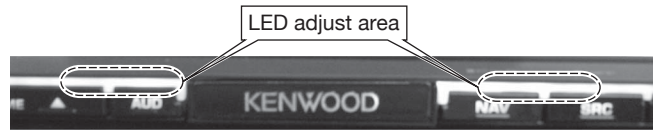


# ADJUSTMENT

Picture ② for LED\_WB adjustment is displayed.  
 Decides from four lines of Red/Green/Blue/Yellow whether you became the color what color of the LED of the panel right side- similar sample set white.  
 Confirm that LED whitened and push NEXT\_KEY.



Picture ③ for LED\_WB adjustment is displayed.  
 Adjust it so that LED of the panel left becomes the color (white) that is the nearest to the LED of the right side in a variable bar.  
 Confirm that the LED of right and left whitened equally and push OK\_KEY.  
 It is displayed with "Write OK" and is finished.  
 It is touches in order "Return" of the screen.



# PC BOARD (COMPONENT SIDE VIEW)

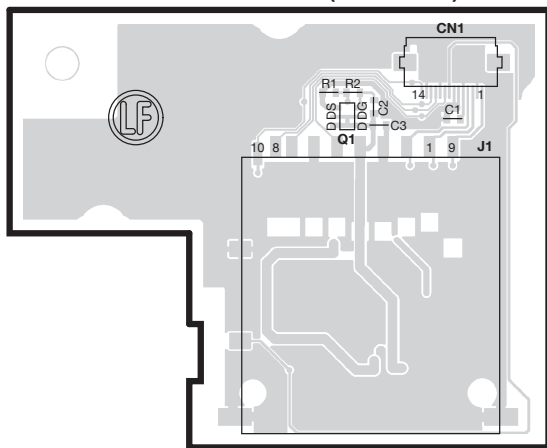
# PC BOARD (FOIL SIDE VIEW)

SWITCH UNIT  
X16-6560-10  
(J76-0592-02)

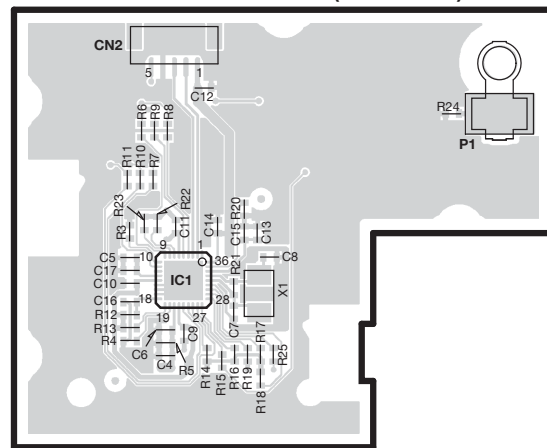
SWITCH UNIT  
X16-6560-10  
(J76-0592-02)



SUB-CIRCUIT UNIT X16-6590-2x (J76-0604-02)



SUB-CIRCUIT UNIT X16-6590-2x (J76-0604-02)



X16-6590-2x

Ref. No.	Address
Q1	3B

X16-6590-2x

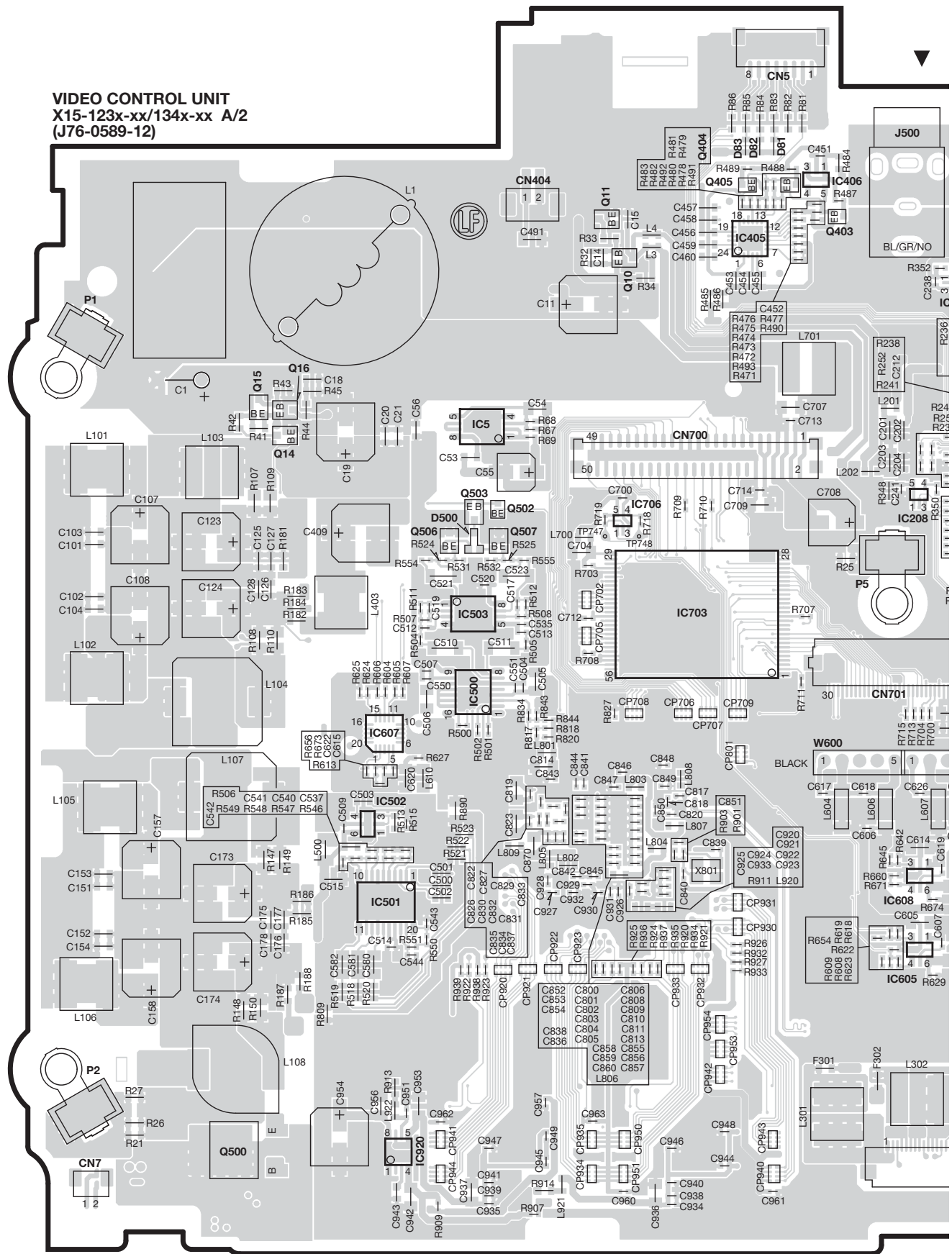
Ref. No.	Address
IC1	4D

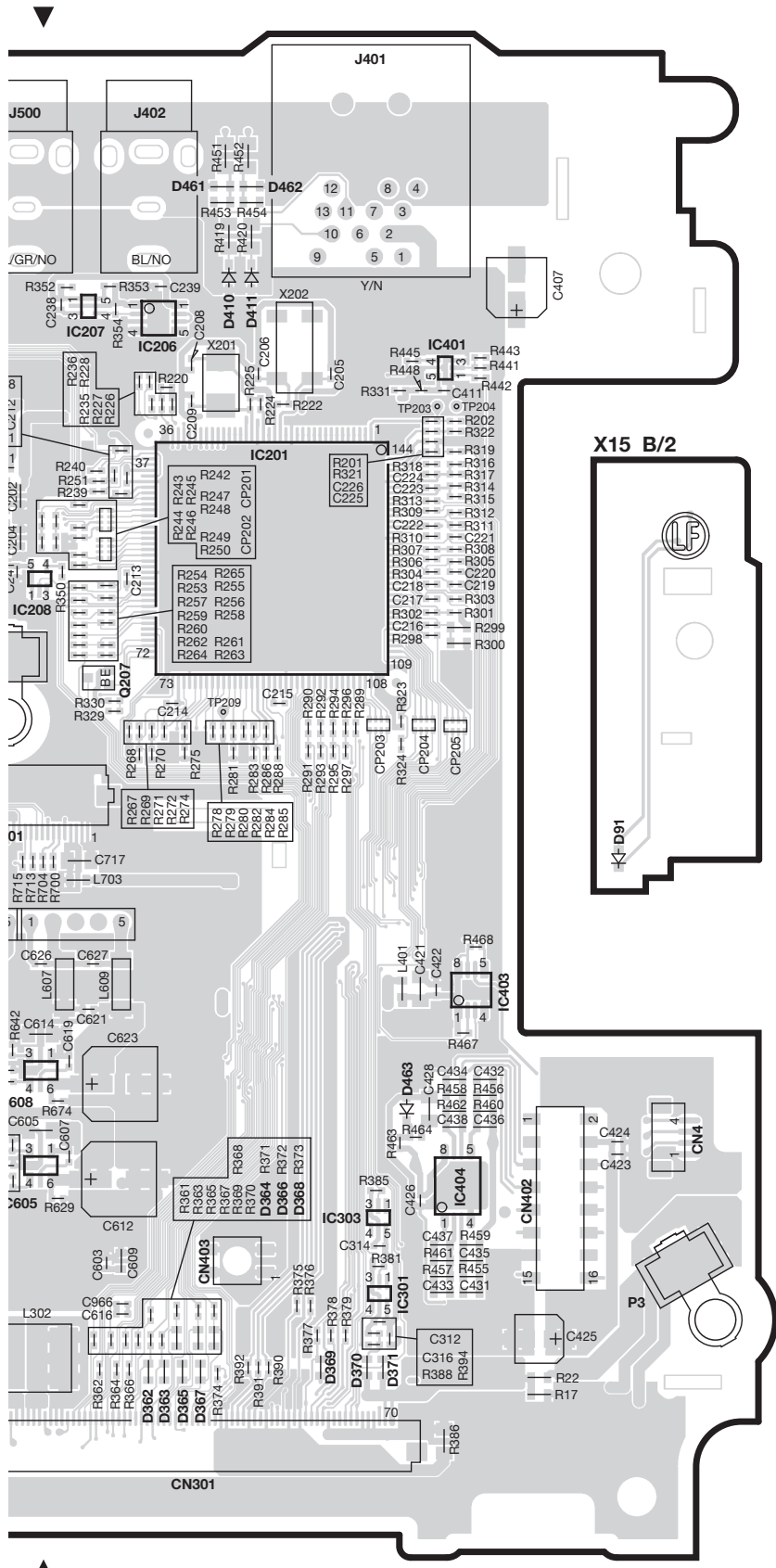
X16-6560-10

Ref. No.	Address
IC1	7A

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

# PC BOARD (COMPONENT SIDE VIEW)





X15-123x/134x-xx

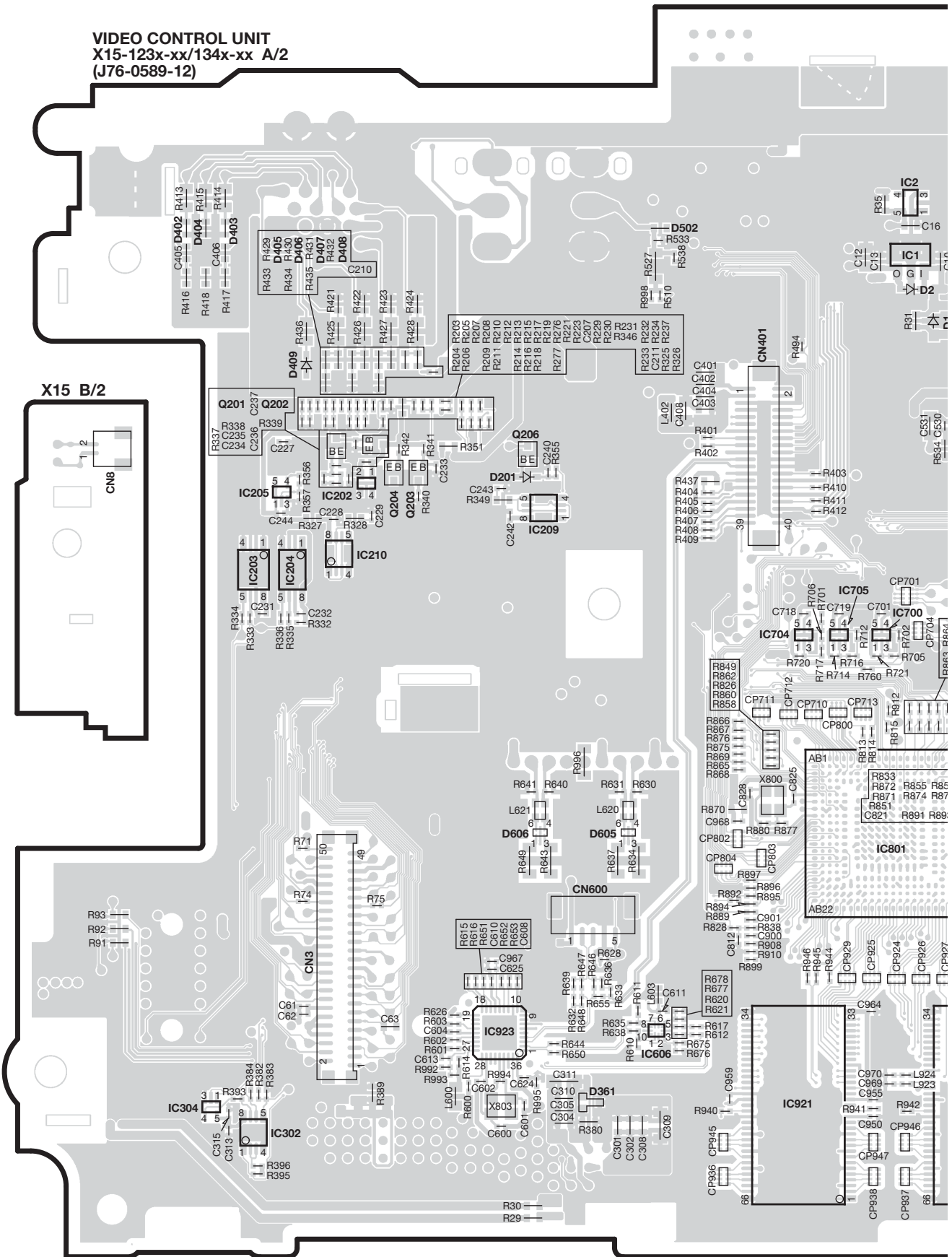
Ref. No.	Address
IC5	3H
IC201	3K
IC207	3K
IC208	4J
IC301	6L
IC303	6L
IC401	3L
IC403	5L
IC404	6L
IC500	4H
IC501	5H
IC502	5H
IC503	4H
IC605	6J
IC607	5H
IC703	4I
IC920	7H
Q10	3I
Q11	2I
Q14	3G
Q15	3G
Q16	3G
Q207	4K
Q500	7G

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

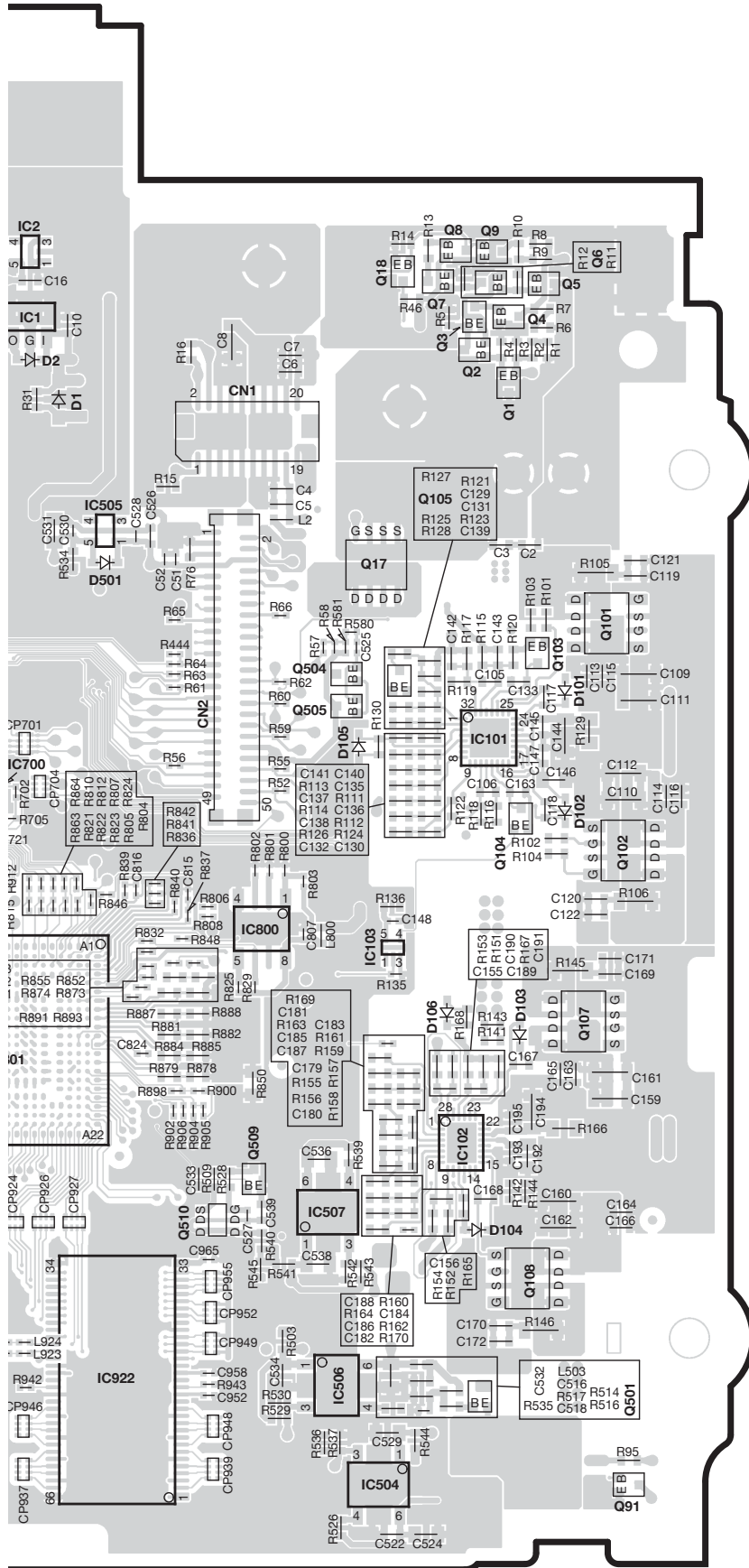


# PC BOARD (FOIL SIDE VIEW)

VIDEO CONTROL UNIT  
X15-123x-xx/134x-xx A/2  
(J76-0589-12)





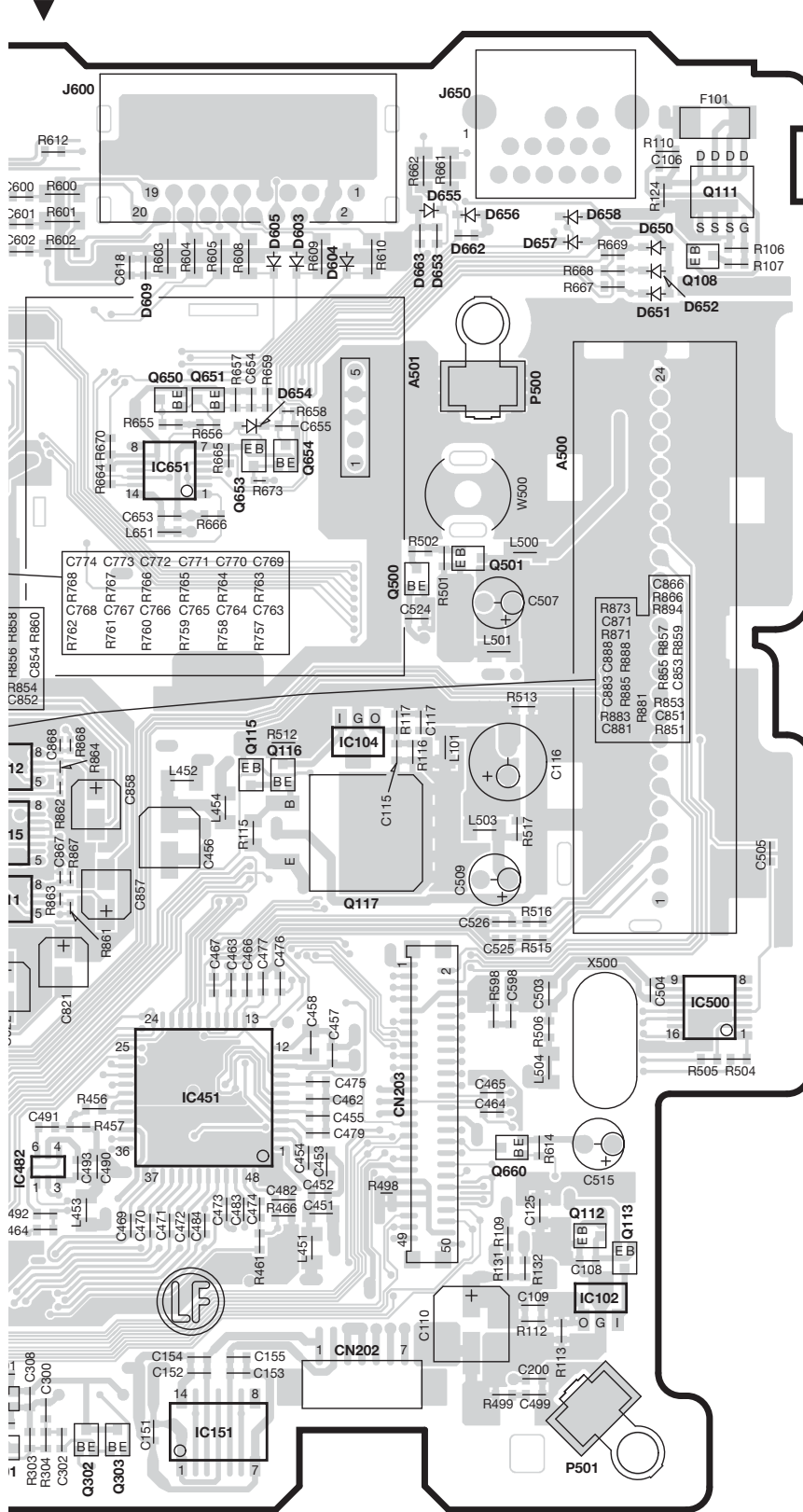


X15-123x/134x-xx

Ref. No.	Address	Ref. No.	Address
IC1	2T	Q5	2W
IC2	2T	Q6	2W
IC101	4V	Q7	2V
IC102	5V	Q8	2V
IC103	5V	Q9	2V
IC202	4R	Q17	3V
IC203	4Q	Q18	2V
IC205	4Q	Q91	7W
IC209	4S	Q101	4W
IC210	4R	Q102	4W
IC302	6Q	Q103	4W
IC504	7V	Q104	4V
IC505	3U	Q105	3V
IC506	6V	Q107	5W
IC606	6S	Q108	6V
IC704	4T	Q201	3Q
IC705	4T	Q202	3Q
IC800	5U	Q203	4R
IC801	5T	Q204	4R
IC921	6T	Q206	3S
IC922	6U	Q501	6W
Q1	3V	Q504	4V
Q2	3V	Q505	4V
Q3	3V	Q509	6U
Q4	2V	Q510	6U

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

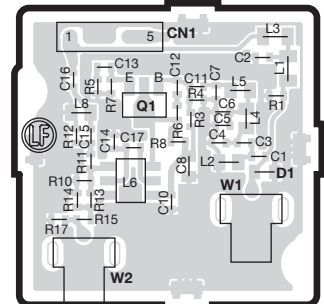




X34-634x-xx

Ref. No.	Address	Ref. No.	Address
IC101	7AB	Q111	2AG
IC103	5AA	Q115	4AE
IC104	4AF	Q116	4AF
IC106	6AA	Q117	5AF
IC151	6AE	Q118	6AA
IC401	3AD	Q301	7AD
IC451	5AE	Q302	7AE
IC500	5AG	Q303	7AE
IC600	2AD	Q500	3AF
IC651	3AE	Q501	3AF
IC751	4AC	Q650	3AE
IC901	4AA	Q651	3AE
Q2	3AC	Q653	3AE
Q5	4AB	Q654	3AF
Q6	4AB	Q656	6AD
Q101	7AA	Q657	6AD
Q102	7AA	Q659	6AD
Q105	6AB	Q660	6AF
Q108	2AG		

**DAUGHTER UNIT  
X89-3062-72 (J76-0526-12)  
only DNX E type**

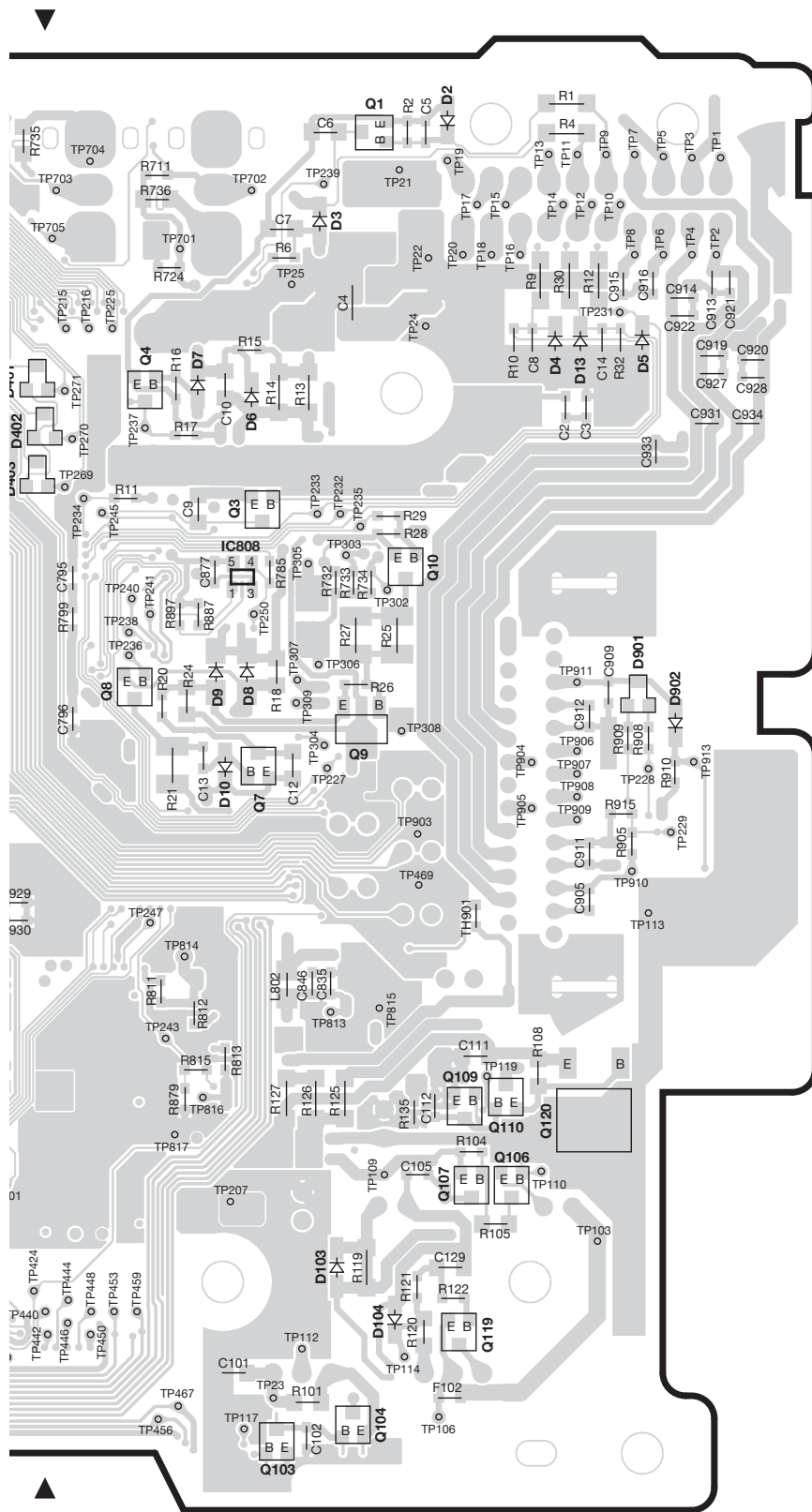


X89-3062-72

Ref. No.	Address
Q1	6AH

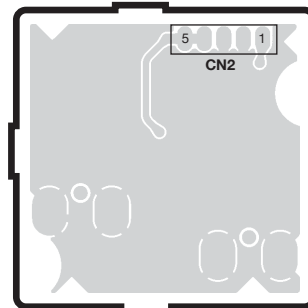
Refer to the schematic diagram for the values of resistors and capacitors.





## X34-634x-xx

Ref. No.	Address	Ref. No.	Address
Q1	2AP	Q107	6AP
Q3	3AO	Q109	5AP
Q4	3AO	Q110	5AP
Q7	4AO	Q119	6AP
Q8	4AO	Q120	5AP
Q9	4AP	Q304	6AM
Q10	3AP	Q305	6AM
Q103	7AO	Q306	6AL
Q104	6AP	Q307	6AL
Q106	6AP	Q308	6AL

**DAUGHTER UNIT**  
**X89-3062-72 (J76-0526-12)**  
 only DNX E type


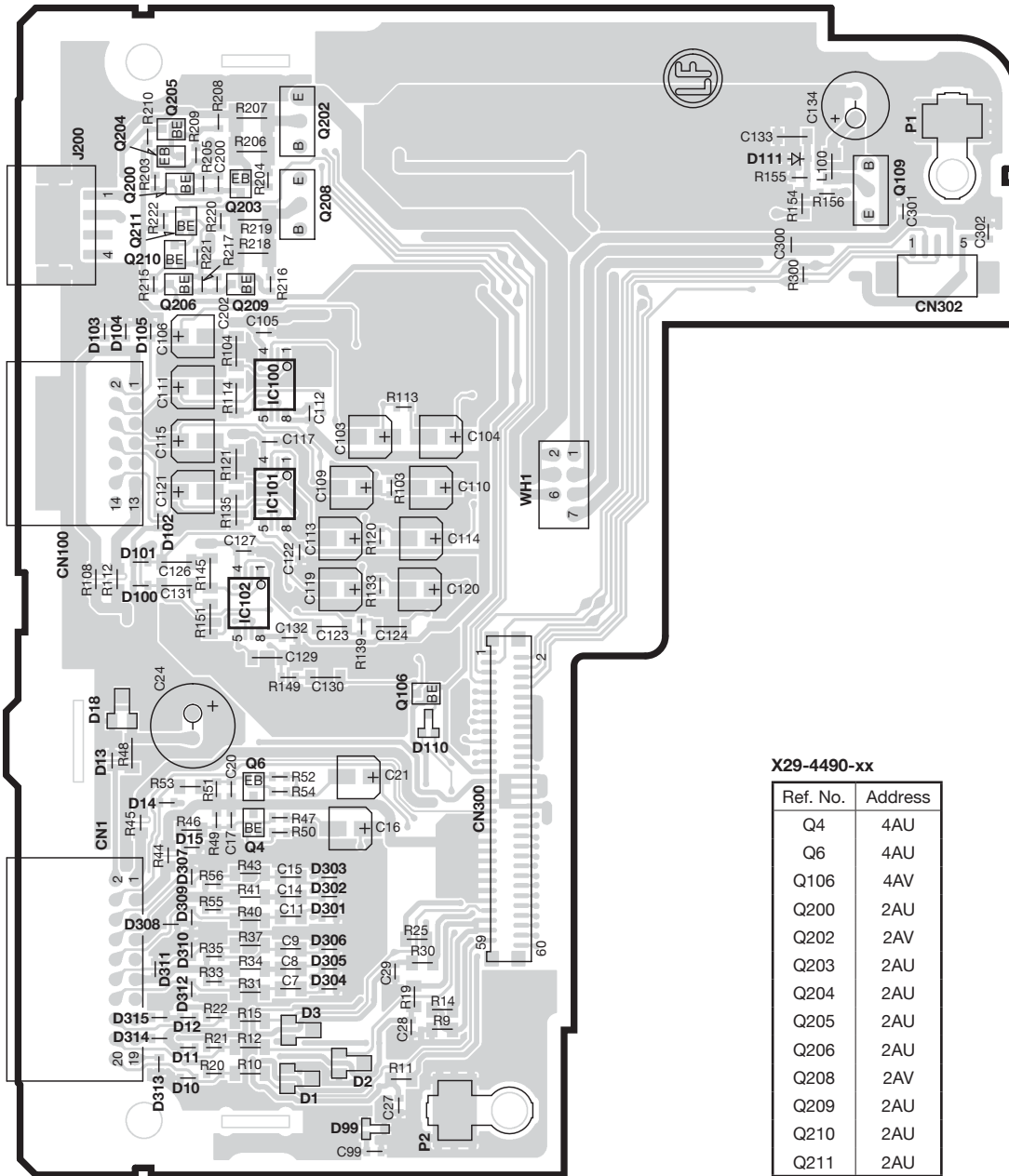
Refer to the schematic diagram for the values of resistors and capacitors.



DDX6034/6034M/6054/7034BT/7034BTM/714  
 DNX7000EX/7140/7240BT/7340BT

# PC BOARD (COMPONENT SIDE VIEW)

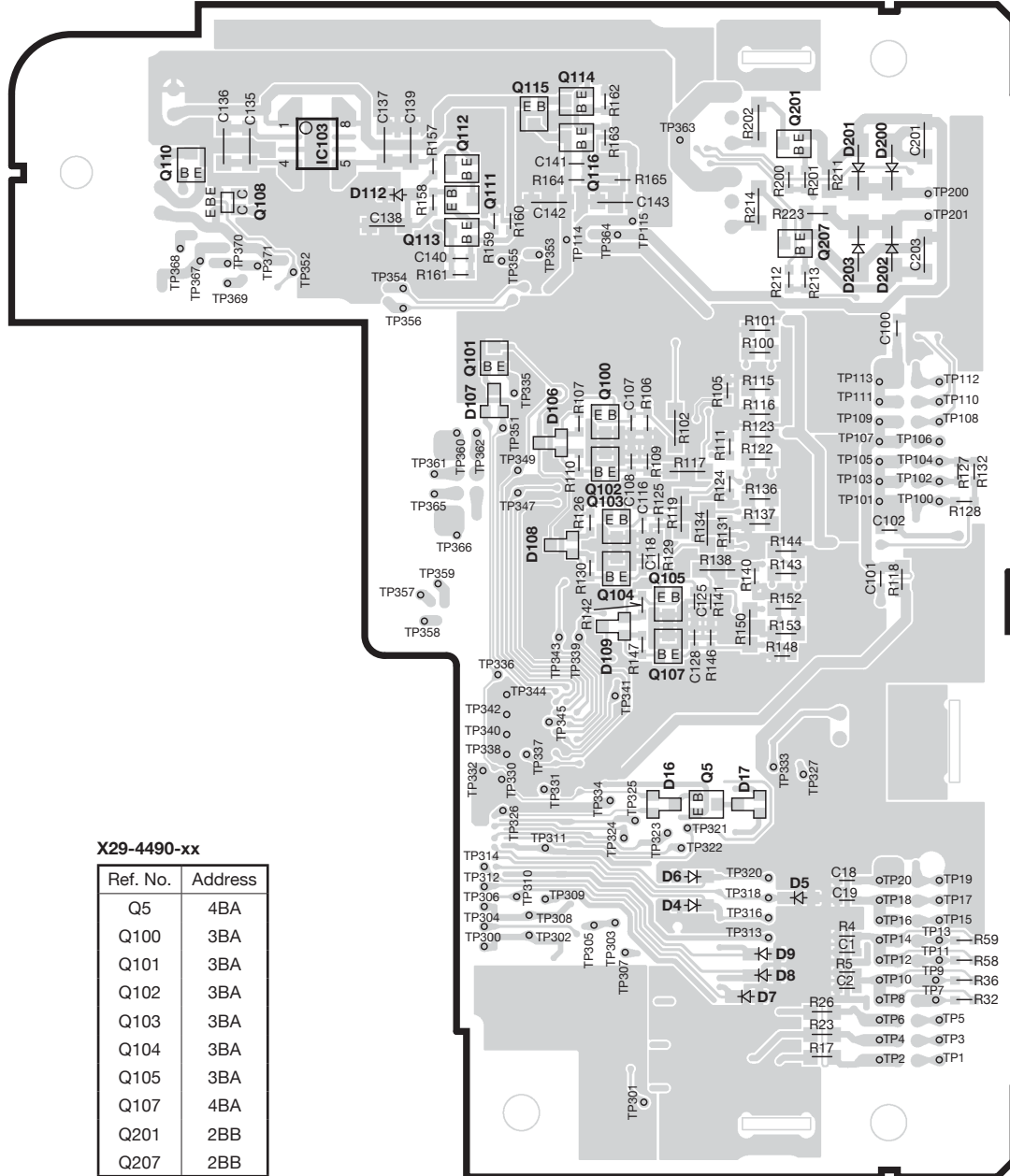
CONTROL CIRCUIT UNIT X29-4490-xx (J76-0587-02)



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

## PC BOARD (FOIL SIDE VIEW)

## CONTROL CIRCUIT UNIT X29-4490-xx (J76-0587-02)



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



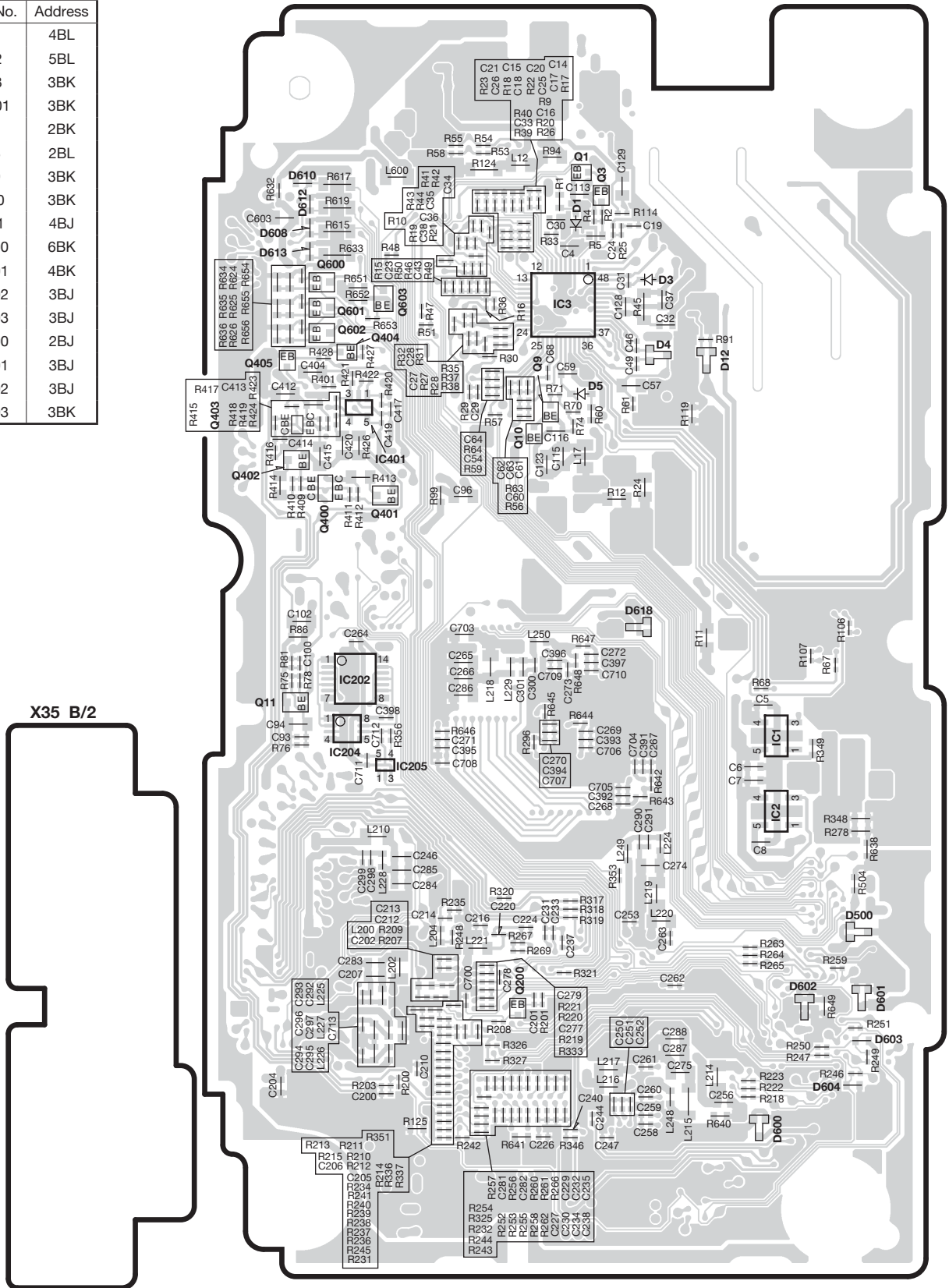


# PC BOARD (FOIL SIDE VIEW)

X35-5010-xx

VIDEO UNIT X35-5010-xx A/2 (J76-0591-12)

Ref. No.	Address
IC1	4BL
IC2	5BL
IC3	3BK
IC401	3BK
Q1	2BK
Q3	2BL
Q9	3BK
Q10	3BK
Q11	4BJ
Q200	6BK
Q401	4BK
Q402	3BJ
Q403	3BJ
Q600	2BJ
Q601	3BJ
Q602	3BJ
Q603	3BK



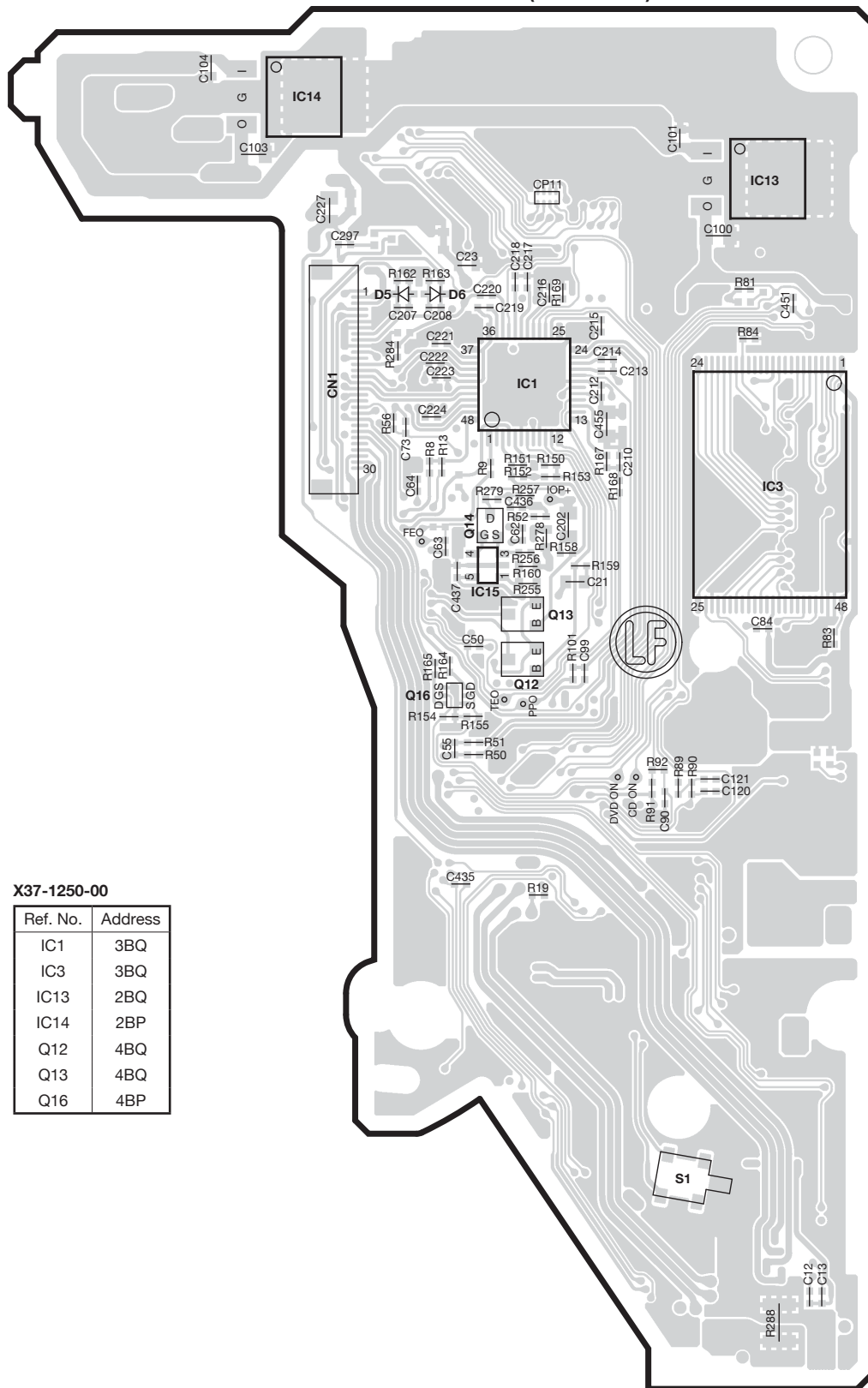
Refer to the schematic diagram for the values of resistors and capacitors.

DDX6034/6034M/6054/7034BT/7034BTM/714

DNX7000EX/7140/7240BT/7340BT

# PC BOARD (COMPONENT SIDE VIEW)

## DVD UNIT X37-1250-00 (J76-0620-02)



### X37-1250-00

Ref. No.	Address
IC1	3BQ
IC3	3BQ
IC13	2BQ
IC14	2BP
Q12	4BQ
Q13	4BQ
Q16	4BP

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





(X15-12xx-xx) (A/2)

1

2

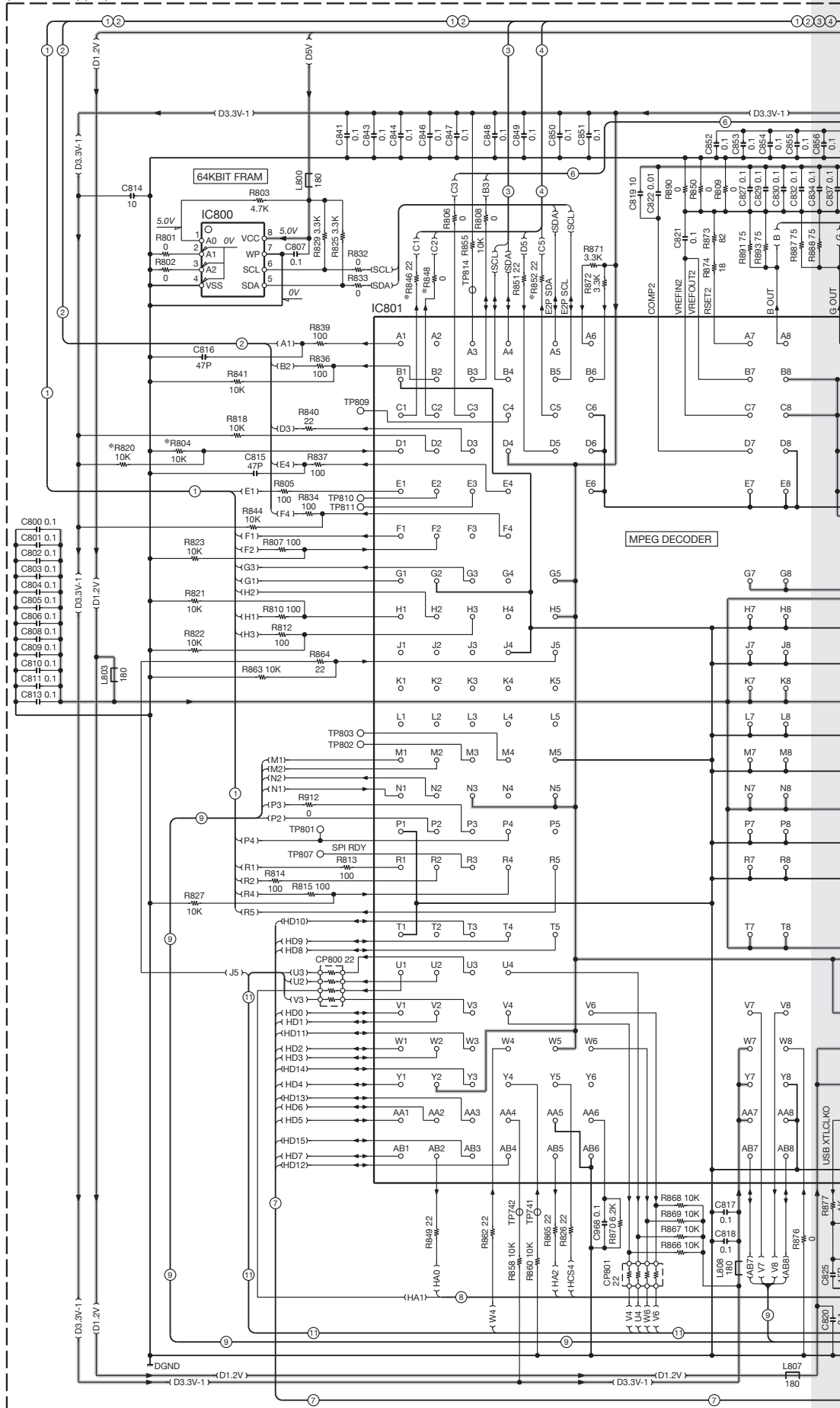
3

4

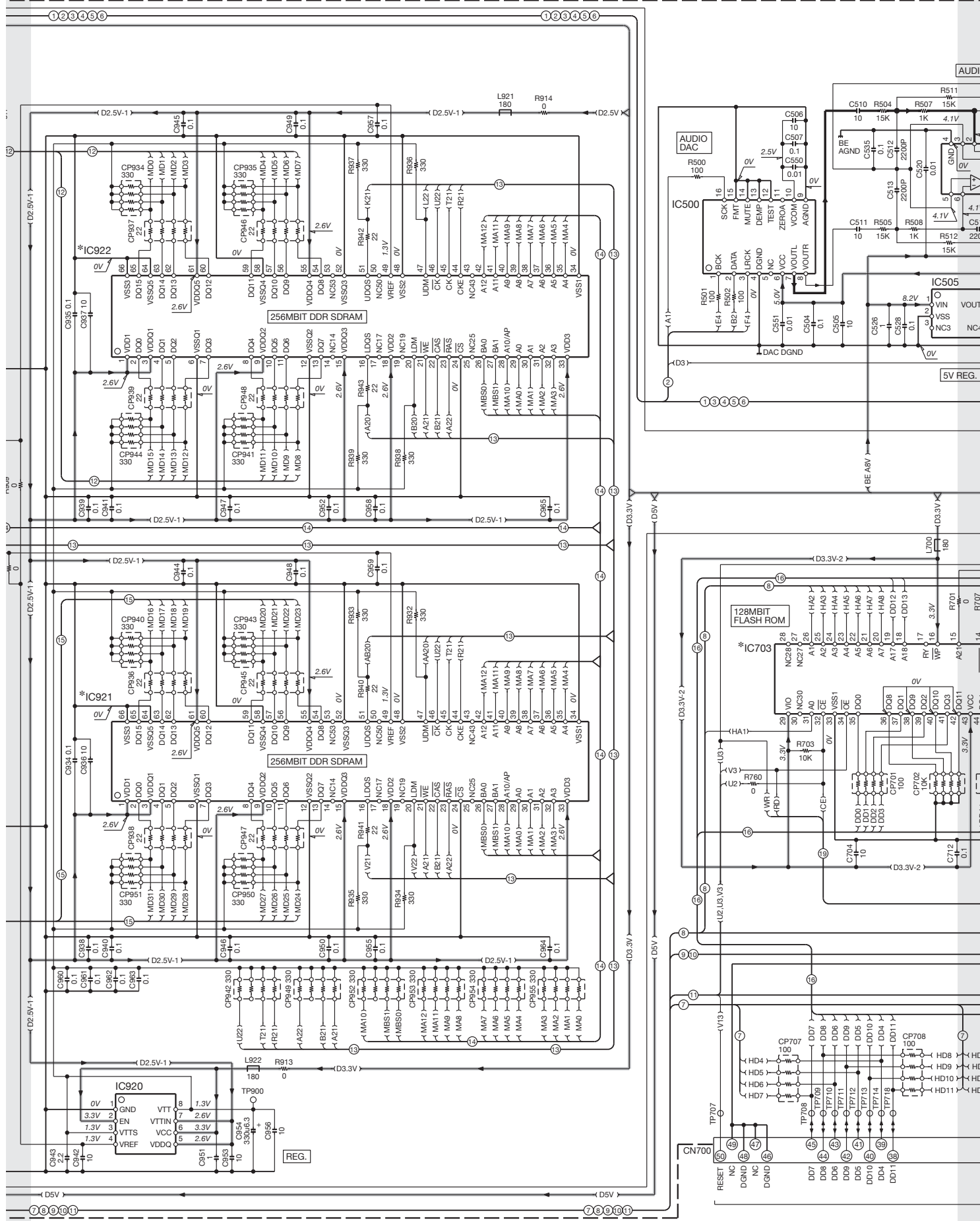
5

6

7

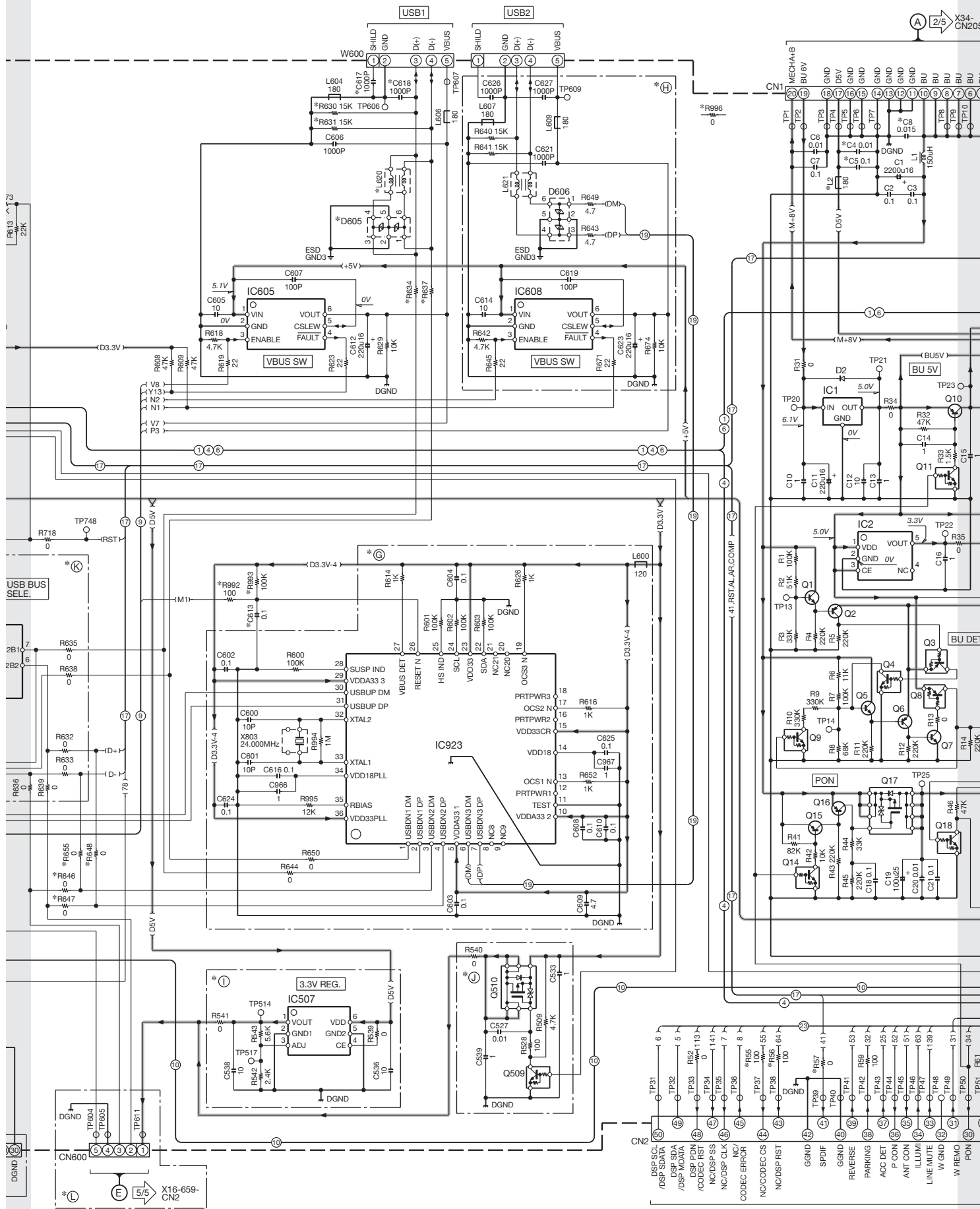






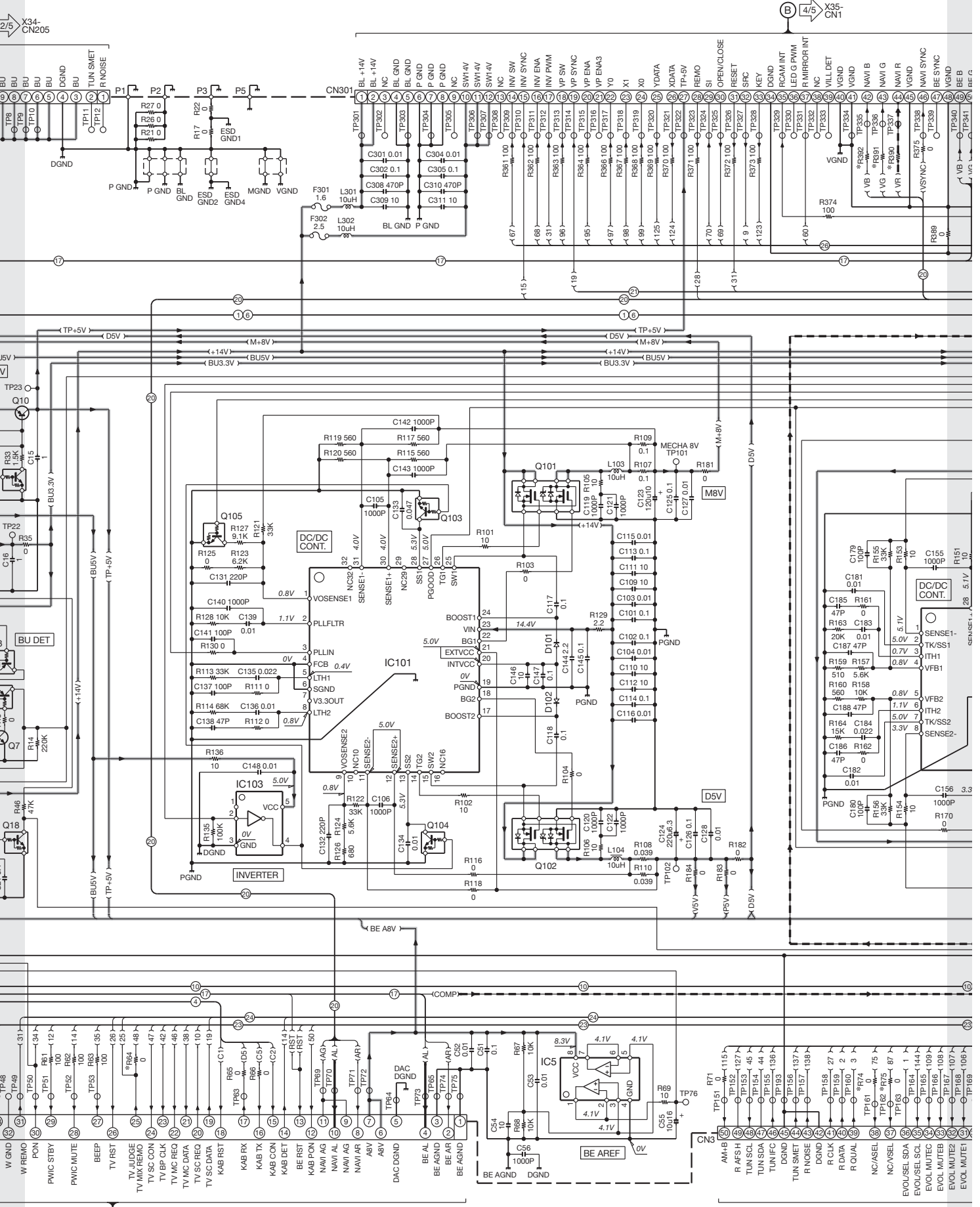






Pinout for connector CN2:

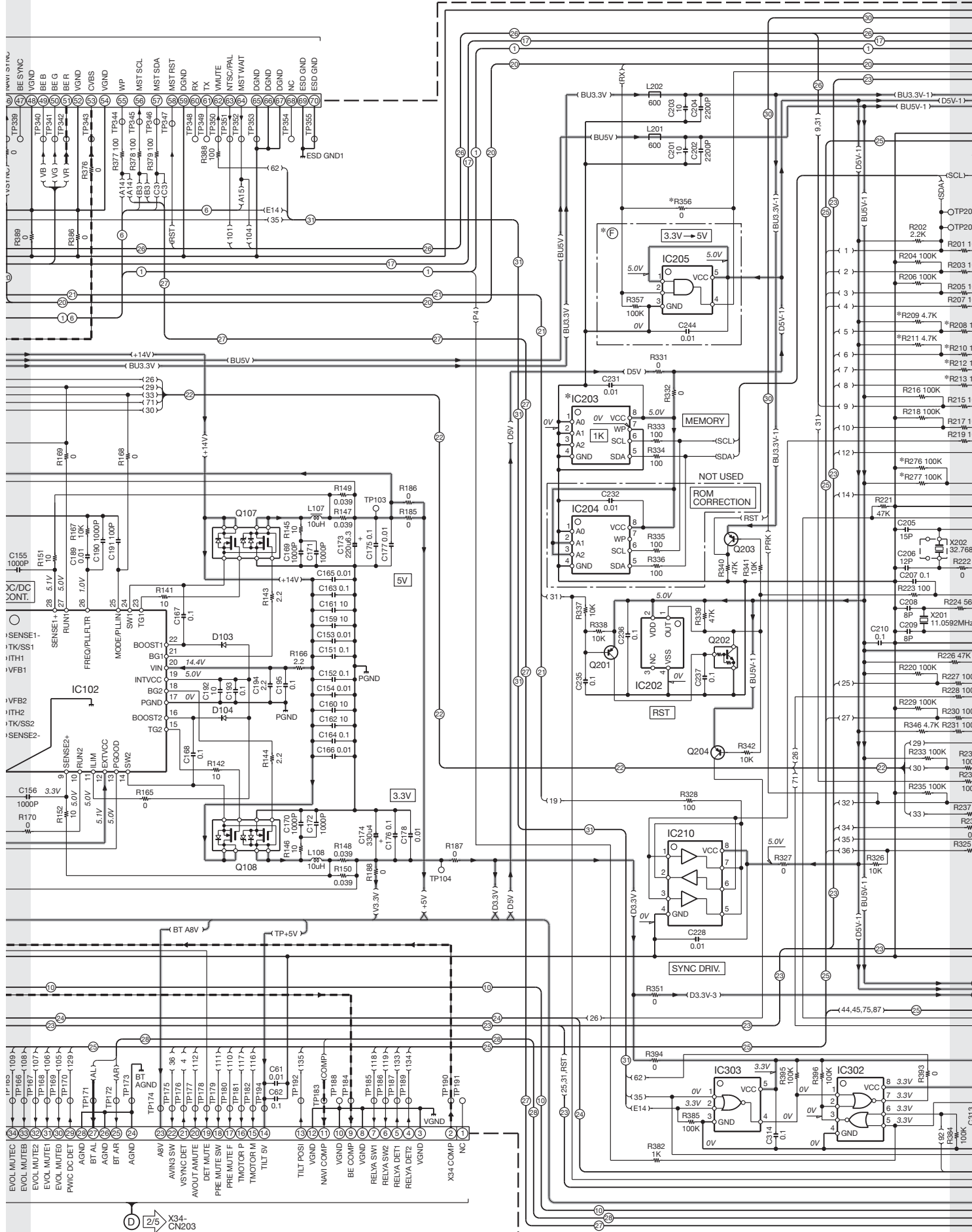
1	DSP SCL
2	/DSP SDA
3	DSP SDA
4	/DSP MDATA
5	DSP PDI
6	/CODEC RST
7	NC/DSP SS
8	NC/DSP CLK
9	NC
10	CODEC ERROR
11	NC/CODEC CS
12	NC/DSP RST
13	GND
14	S/PDIF
15	GND
16	REVERSE
17	PARKING
18	ACC DET
19	P CON
20	ANT CON
21	ILLUMI
22	LINE MUTE
23	W GND
24	W REMO
25	PON
26	FR1



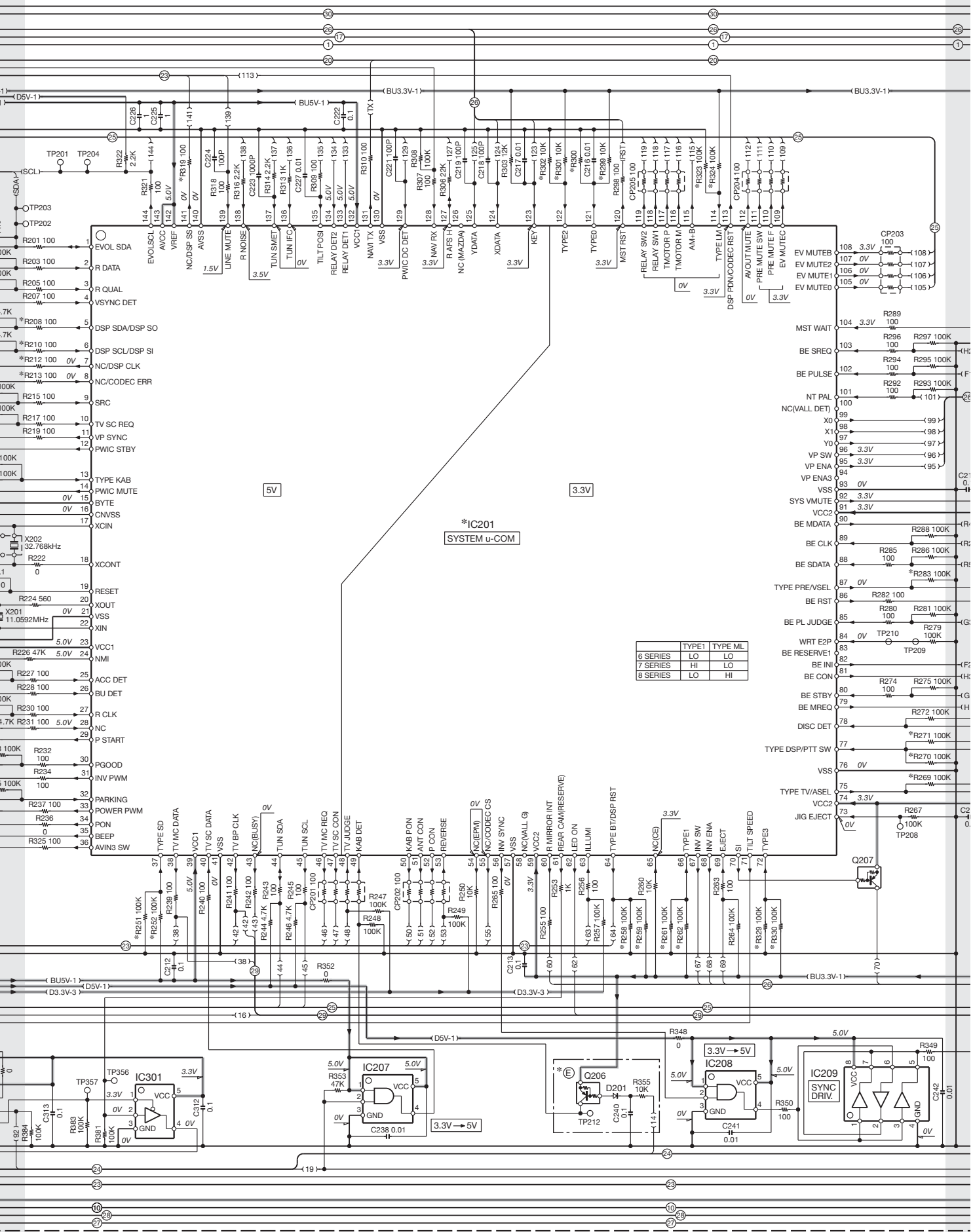
X35-CN1

X34-CN204

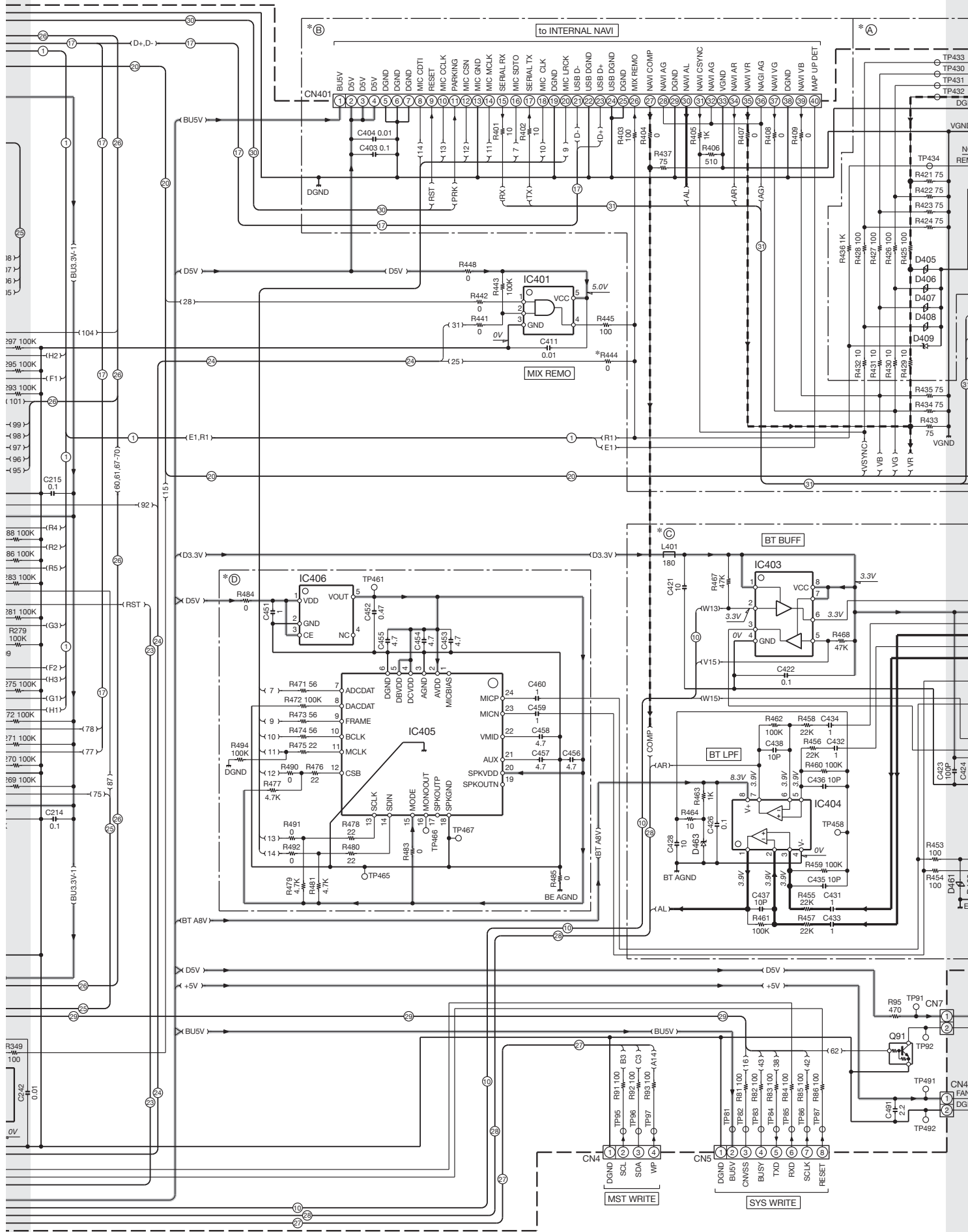
DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT



D 2/5 X34 CN203



DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT



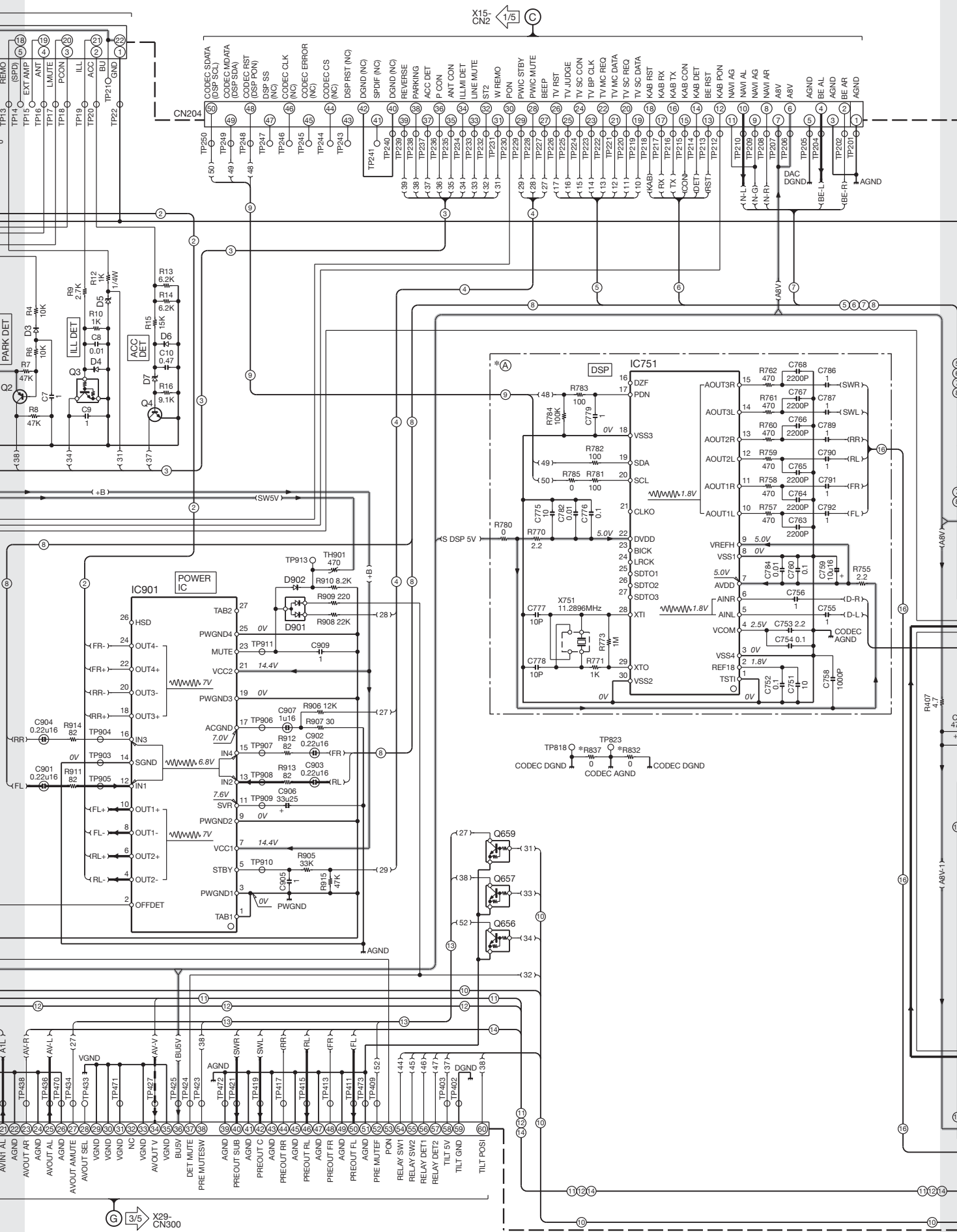








DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT

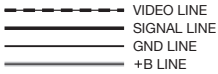
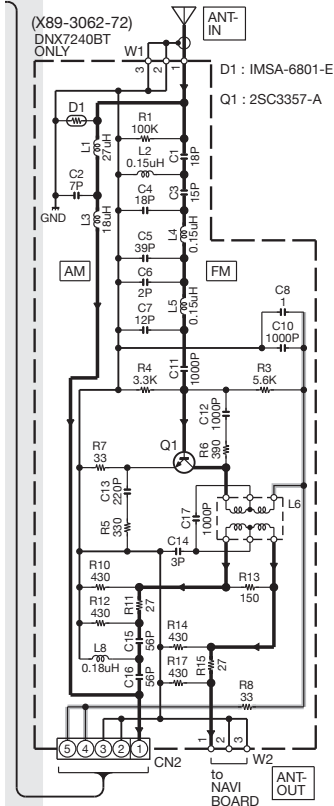


X15-  
CN2 1/5

X29-  
CN300 3/5







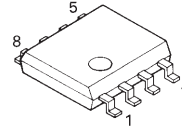
DESTI- NATION	MODEL NAME	UNIT No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)
K1	DDX7140	0-11	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
K2	DDX7000EX	0-22	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
M5	DDX7340BT	0-22	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
K4	DDX7240BT	0-27	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
K	DDX714	0-7	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
M1	DDX7034BT	0-10	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
M2	DDX7034BTM	0-21	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
M3	DDX6034	0-23	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
M4	DDX6034M	0-23	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
X1	DDX7034BT	0-71	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
X2	DDX6034	0-73	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R1	DDX7034BT	0-10	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Q1	DDX6054	3-81	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

[X34-634x-xx]

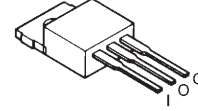
054/7034BT/7034BTM/714  
7240BT/7340BT (2/5)

- DTA114YE
- DTA143XE
- DTA143ZE
- DTA144EUA
- DTC114YE
- DTC114YUA
- DTC143TUA
- DTC143ZE
- 2SA1576A

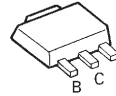
TA75W558FU-F



KTA1046-P



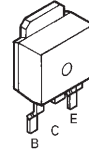
- 2SB1188
- 2SC3357-A



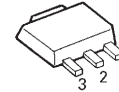
- DAP202U
- DA204U
- DTA114YUA



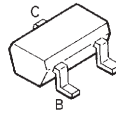
- 2SB1184



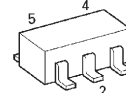
M5237ML-CF0J



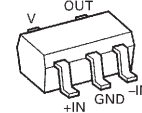
- 2SC4081



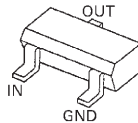
XC6201P502MR



NJM2107F-ZB



- DTA114EUA
- DTA114TUA
- DTA124EUA
- DTC124EUA
- DTC144EUA



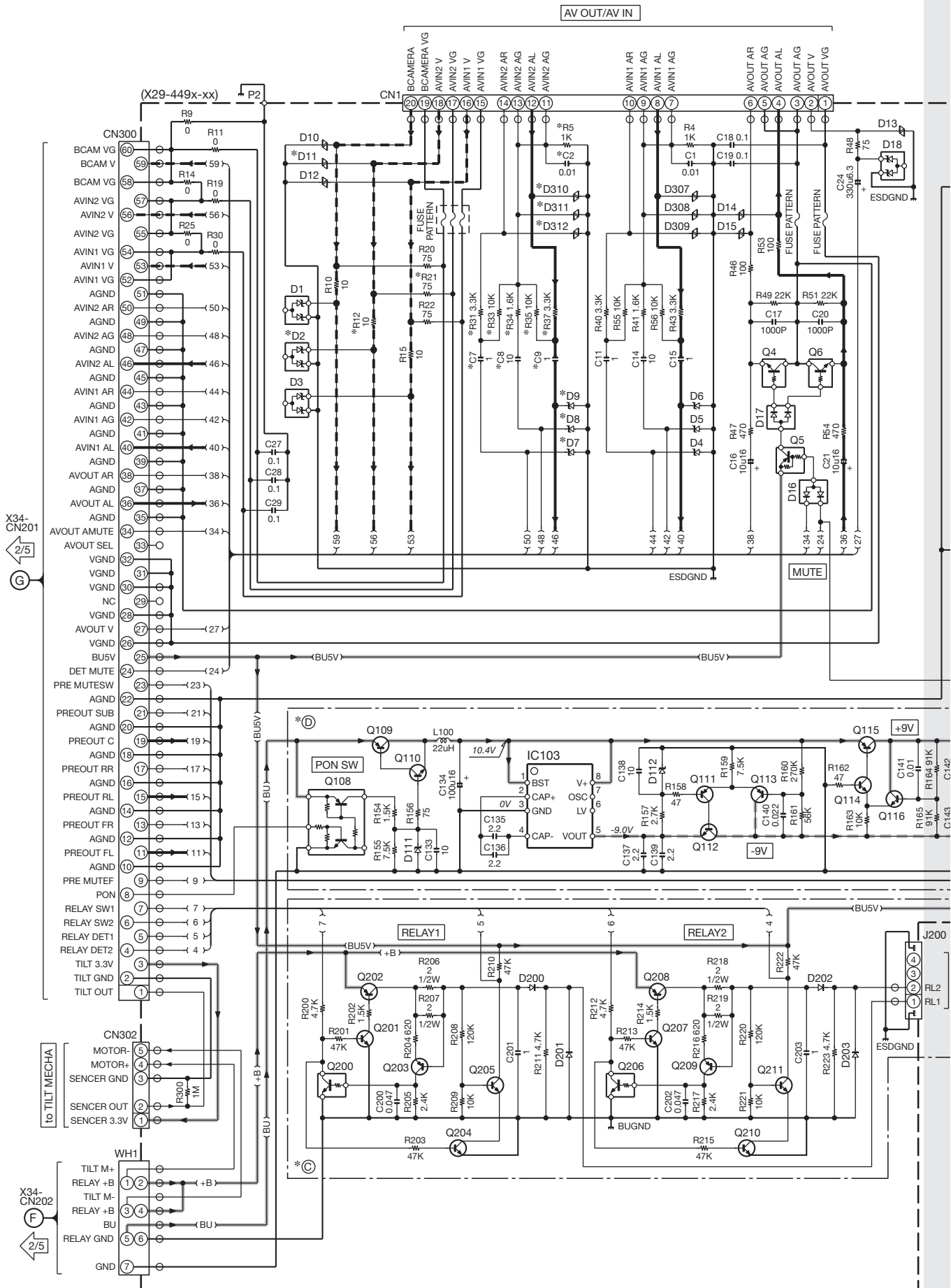
**CAUTION :** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

⚠ 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.

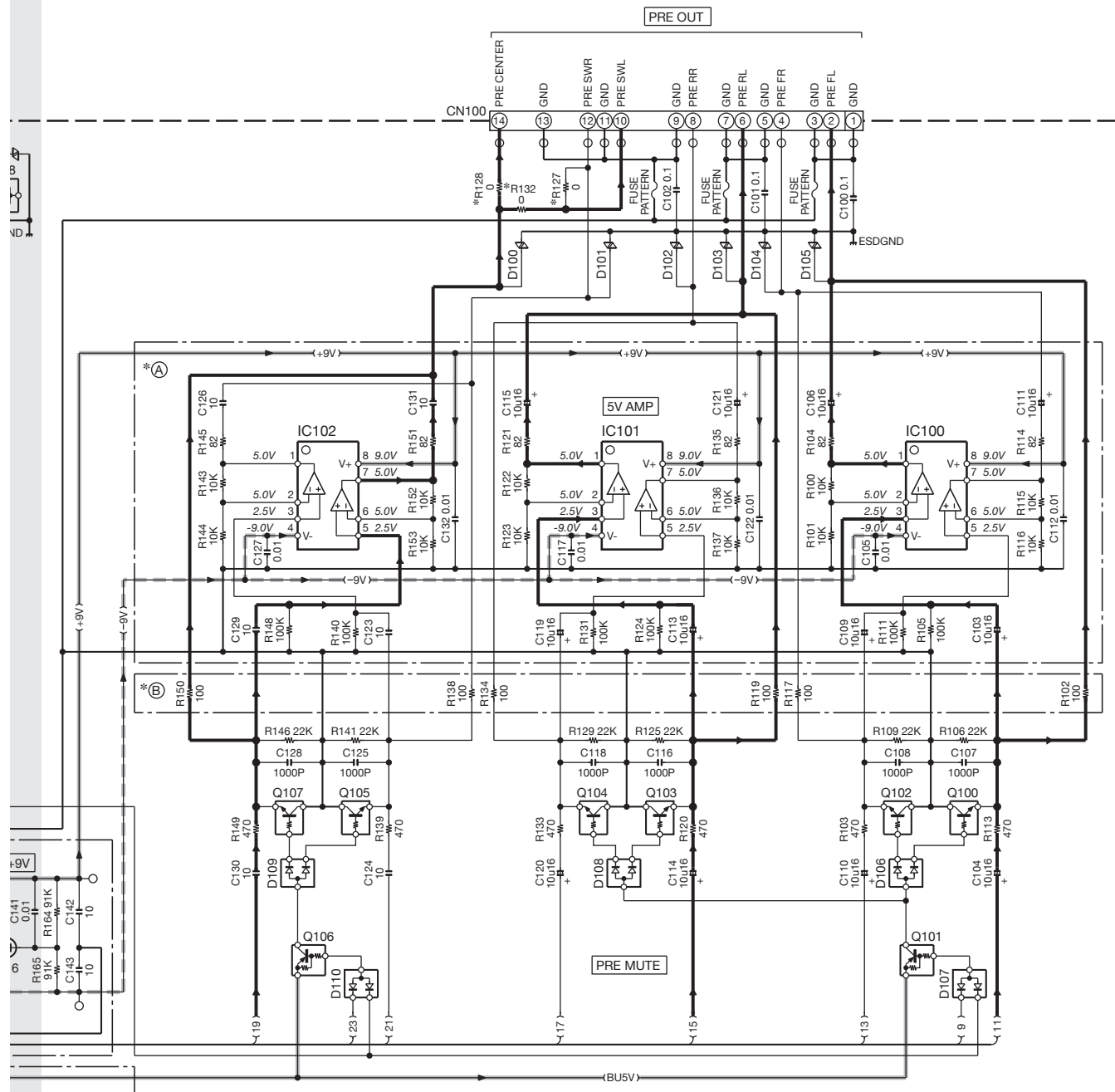
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT

AV OUT/AV IN





DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT (3/5)

IC100-102 : NJM4565V-ZB  
IC103 : ICL7660SIBAZ

Q4,6,100,102-105,107 : DTC143TUA  
Q5,101,106 : DTA144EUA  
Q108 : UMC2N  
Q109,202,208 : 2SB1443

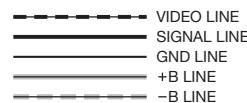
Q110,112,114,116,201,204,205,207,210,211 : 2SC4081  
Q111,113,115,203,209 : 2SA1576A  
Q200,206 : DTC114TUA

D1-3,18 : STZ6.2N  
D4,6,7,9 : UDZW6.8(B)  
D5,8 : UDZW6.2(B)  
D10-13 : AVR16270MAAB  
D14,15,100-105 : AVR16180M6AB

D16,17,106-110 : DAP202U  
D111 : UDZW11(B)  
D112 : UDZW5.6(B)  
D200-203 : 1SR154-400  
D307-312 : CVS10A120M

(X29-449x-xx)

MODEL NAME	DESTINATION	UNIT No.	(A)	(B)	(C)	C2, 7-9	D2,7-9,11, 310-312	R5,12,21,31, 33-35,37,127,128	R132
DNX7140	K1								
DNX7000EX	K2								
DNX7340BT	X1								
DNX7240BT	E1	0-12	—	YES	YES	—	—	—	YES
DDX714	K								
DDX7034BT	M1								
DDX7034BTM	M2								
DNX9140	K								
DDX814	K								
DDX8034BT	M								
DDX8034BTM	M	0-13	YES	—	YES	YES	YES	YES	—
DNX9240BT	E								
DDX8024BT	E								
DDX8054BT	Q								
DDX6034	X2								
DDX6034M	M4	0-21	—	YES	—	—	—	—	YES
DDX6054	Q1								



**CAUTION :** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  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.

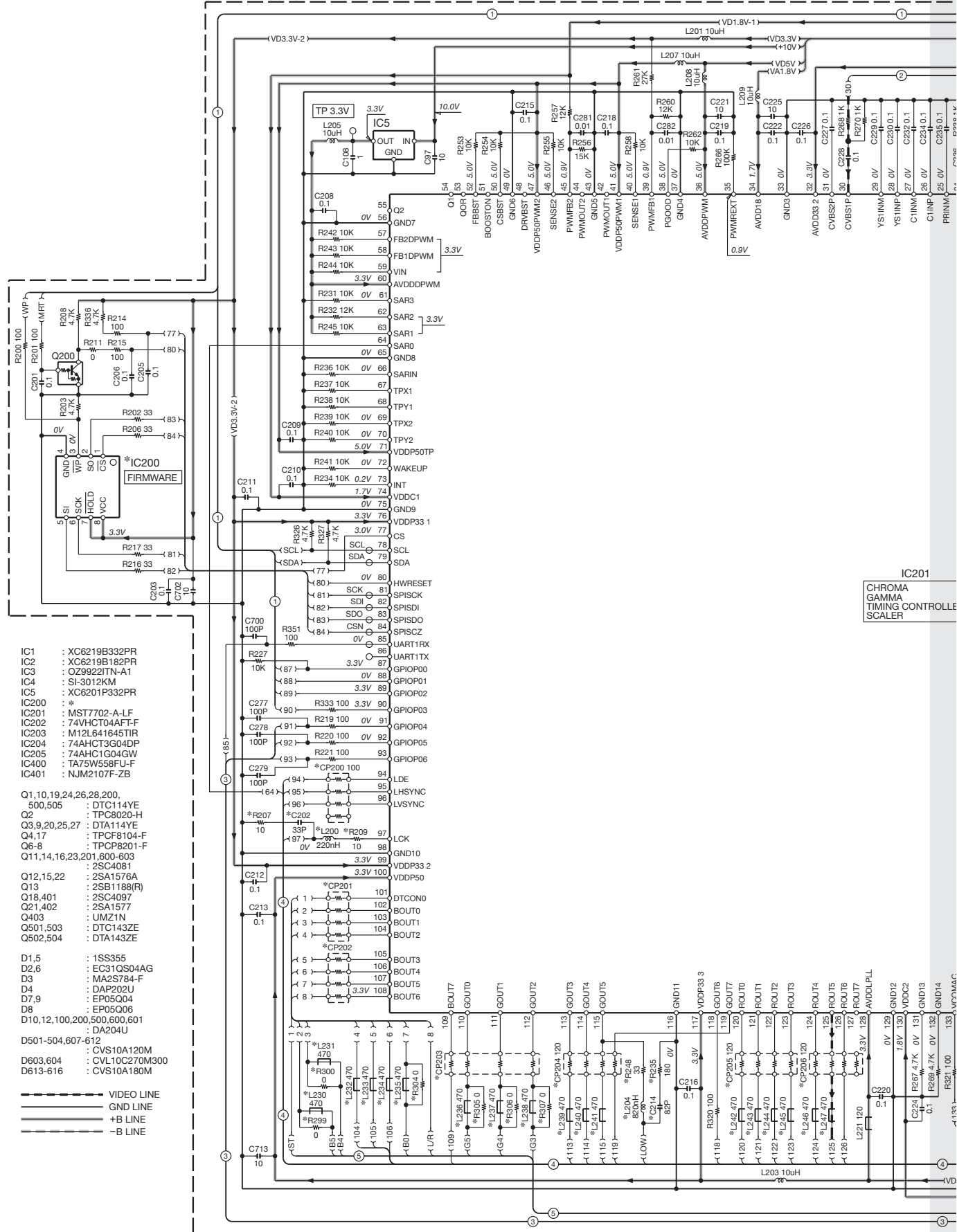
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT

1  
2  
3  
4  
5  
6  
7

(X35-5010-xx) (A/2)



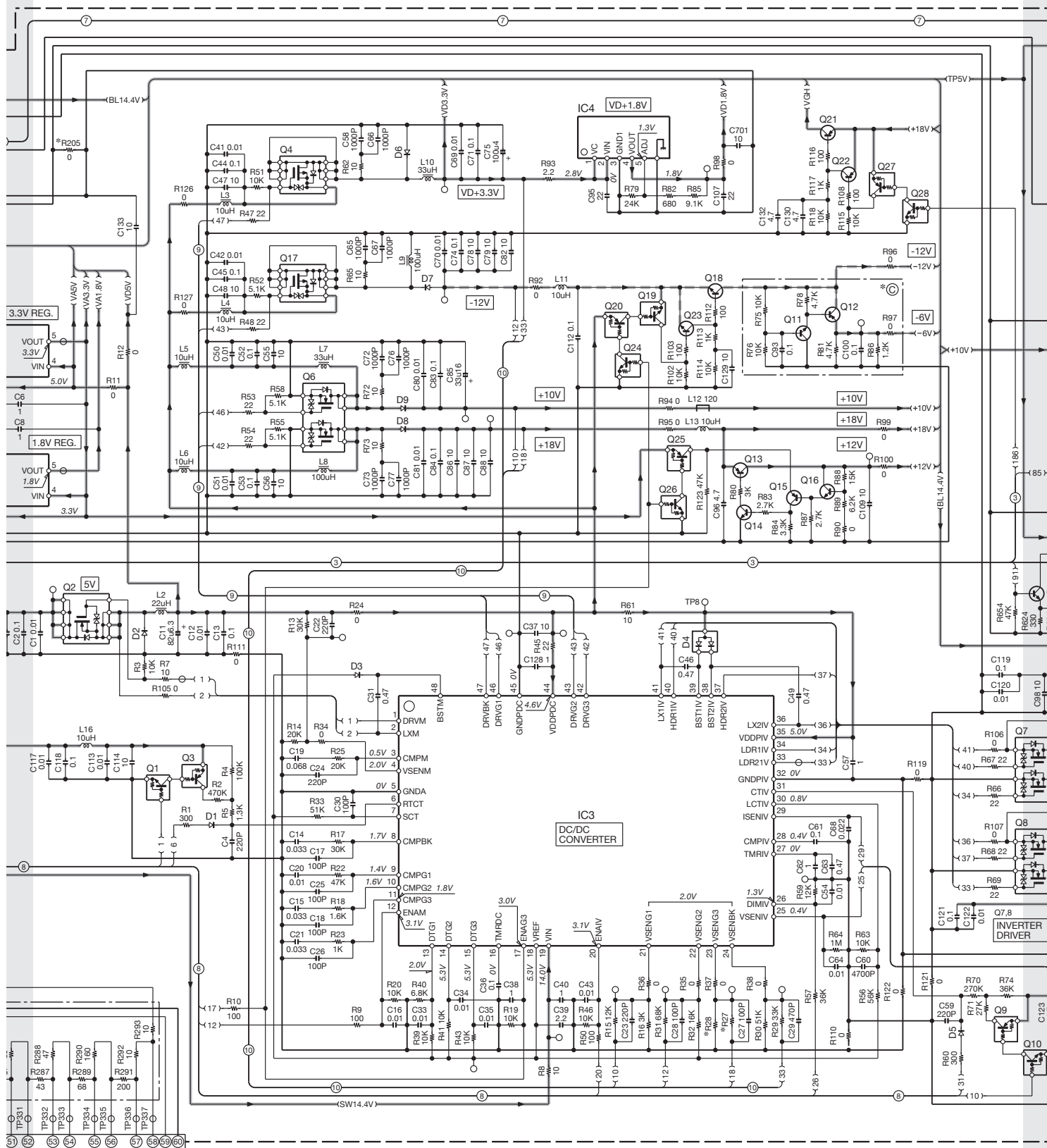
- IC1 : XC6219B332PR
  - IC2 : XC6219B182PR
  - IC3 : OZ9922ITN-A1
  - IC4 : SI-3012KM
  - IC5 : XC6201P332PR
  - IC200 : \*
  - IC201 : MST7702-A-LF
  - IC202 : 74VHC104AFT-F
  - IC203 : M12L6416451TR
  - IC204 : 74AHCT3G04DP
  - IC205 : 74AHCT1G04GW
  - IC400 : TA75W558FU-F
  - IC401 : NJM2107F-ZB
- Q1,10,19,24,26,28,200, 500,505 : DTC114YE
  - Q2 : TPC8020-H
  - Q3,9,20,25,27 : DTA114YE
  - Q4,17 : TPCF8104-F
  - Q6-8 : TPCP8201-F
  - Q11,14,16,23,201,600-603 : 2SC0481
  - Q12,15,22 : 2SA1576A
  - Q13 : 2SB1188(R)
  - Q18,401 : 2SC4097
  - Q21,402 : 2SA1577
  - Q403 : UMZ1N
  - Q501,503 : DTC143ZE
  - Q502,504 : DTA143ZE
- D1,5 : 1SS355
  - D2,6 : EC31QS04AG
  - D3 : MA2S784-F
  - D4 : DAP202U
  - D7,9 : EP05004
  - D8 : EP05006
  - D10,12,100,200,500,600,601 : DA204U
  - D501-504,607-612 : CVS10A120M
  - D603,604 : CVL10C270M300
  - D613-616 : CVS10A180M

--- VIDEO LINE  
 --- GND LINE  
 --- +B LINE  
 --- -B LINE

IC201  
 CHROMA  
 GAMMA  
 TIMING CONTROLLE  
 SCALER

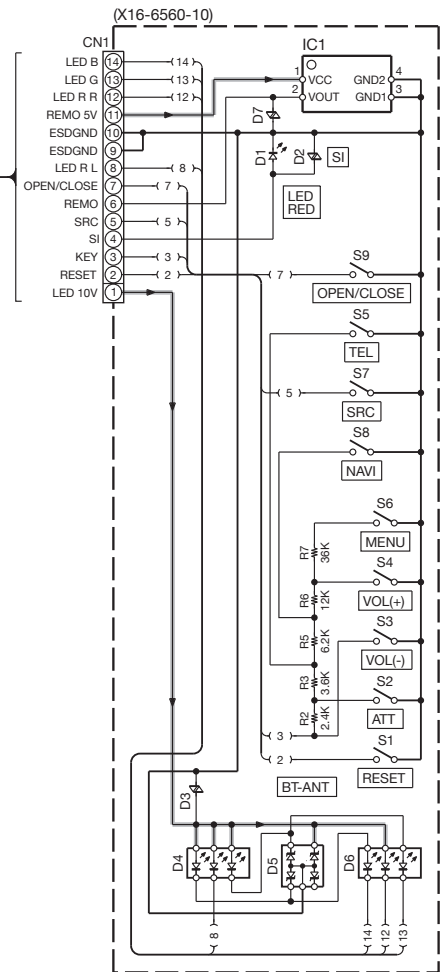
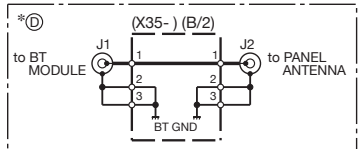
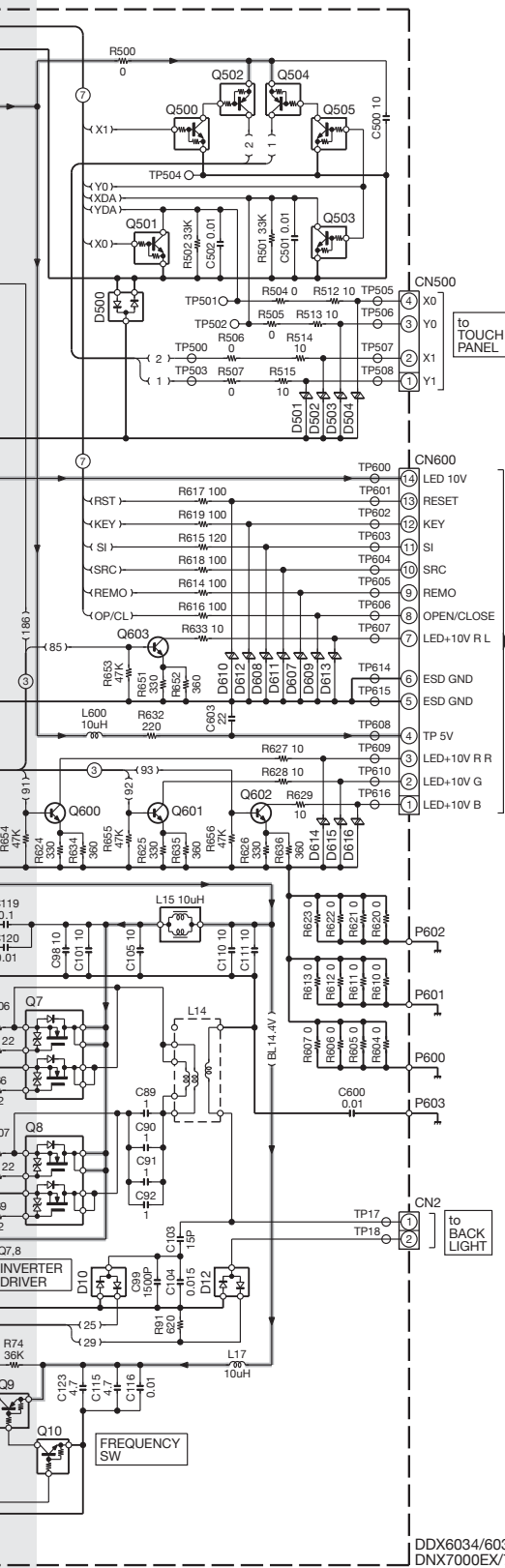






**CAUTION :** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  
 ▲ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are 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.



IC1 : PIC95603  
 D1 : B30-1566-05  
 D2,3,7 : CVS10A120M  
 D4,6 : B30-1784-05  
 D5 : MKZM120HGL

DDX6034/6034M/6054/7034BT/7034BTM/714  
 DNX7000EX/7140/7240BT/7340BT (4/5)

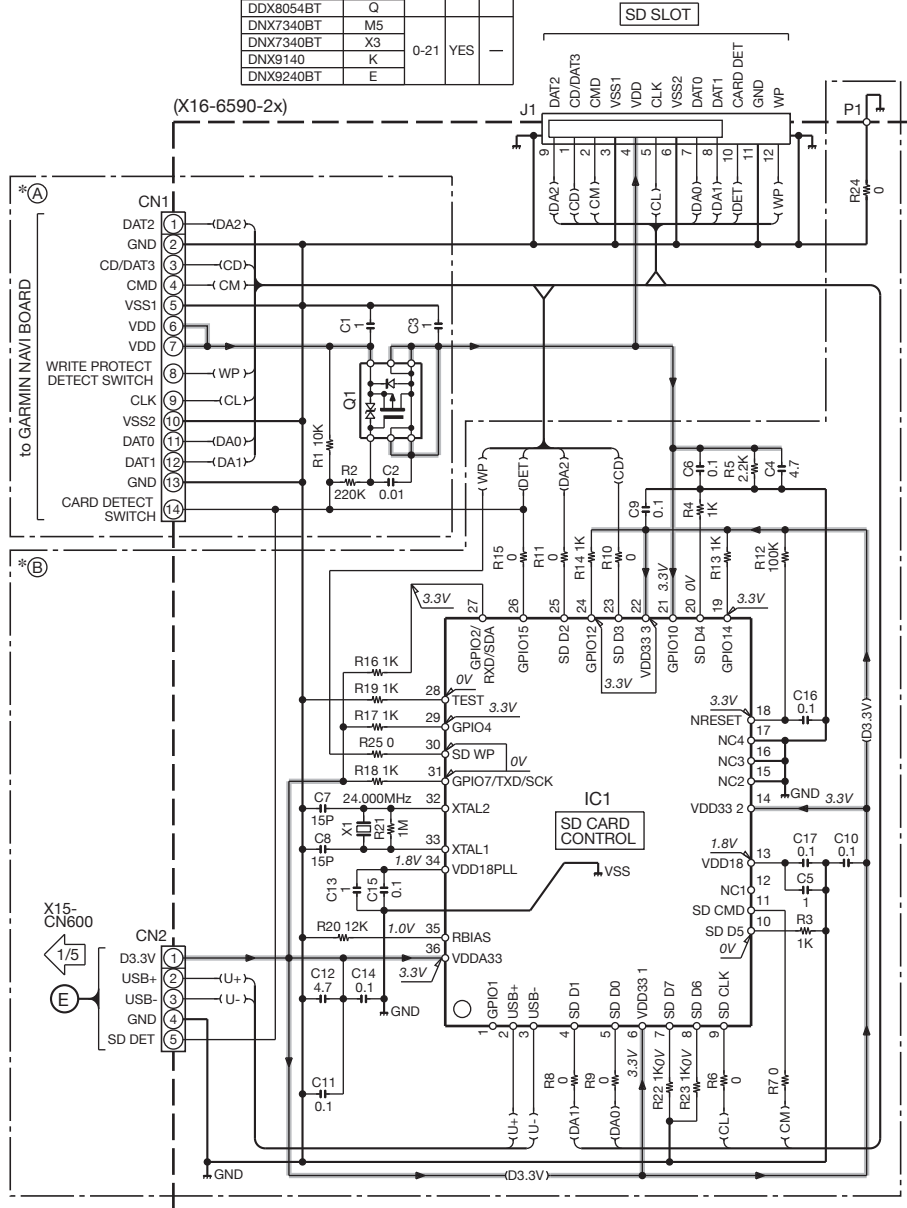
MODEL NAME	DESIGNATION	UNIT No.	IC201	CP200	CP201	D200	IC500	L200	L204	R27	R28	R205
DNX7140	K1											R205:248-299-300,304-307,317,319
DNX7000EX	K2											
DNX7340BT	M5											
DNX7340BT	X3											
DNX7240BT	E1	0-10								2K		
DDX714	K											
DDX7034BT	MT											
DDX7034BTM	M2											
DDX7034BT	X1											
DDX6034	M4											
DDX6034M	M3											
DDX6034	X2	0-21										
DDX6054	O1											
DDX814	K											
DDX8034BT	K											
DDX8034BTM	M											
DDX6034BT	X											
DNX9240BT	E	0-11										
DDX8024BT	E											
DDX8024BT	R											
DDX8024BT	G											

(X16-6590-2x)

MODEL NAME	DESTI-NATION	UNIT No.	(A)	(B)
DDX7034BT	M1	0-20	—	YES
DDX7034BTM	M2			
DNX7340BT	X1			
DDX8034BT	M			
DDX8034BTM	M			
DDX8034BT	X	0-21	YES	—
DDX8024BT	E			
DDX8054BT	O			
DNX7340BT	M5			
DNX7340BT	X3			
DNX9140	K	—	—	—
DNX9240BT	E			

IC1 :-

Q1 : RTQ025P02



DDX6034/6034M/6054/7034BT/7034BTM/714  
DNX7000EX/7140/7240BT/7340BT (5/5)

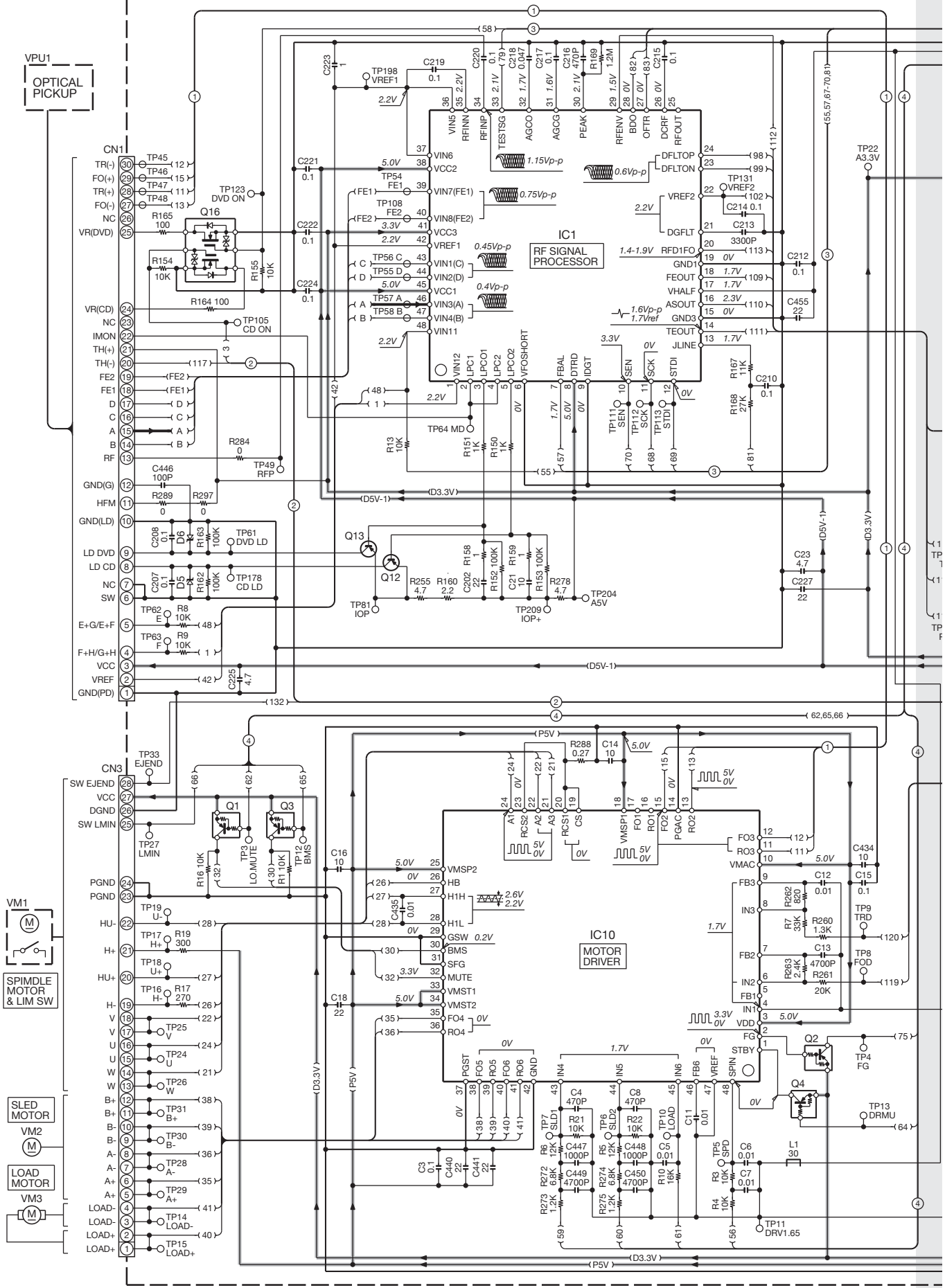
**CAUTION :** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

⚠ 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.



(X37-1230-00/1250-00)

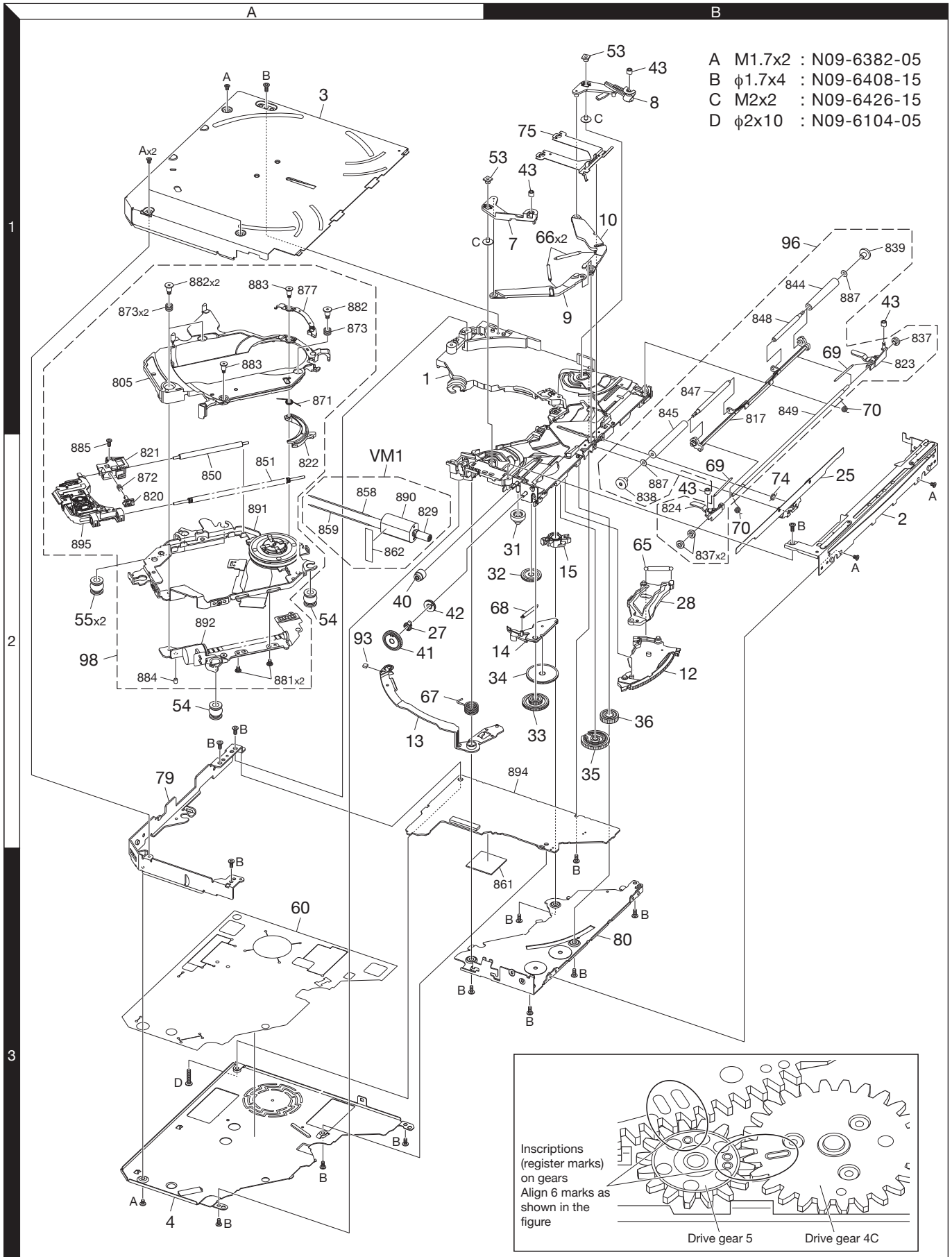








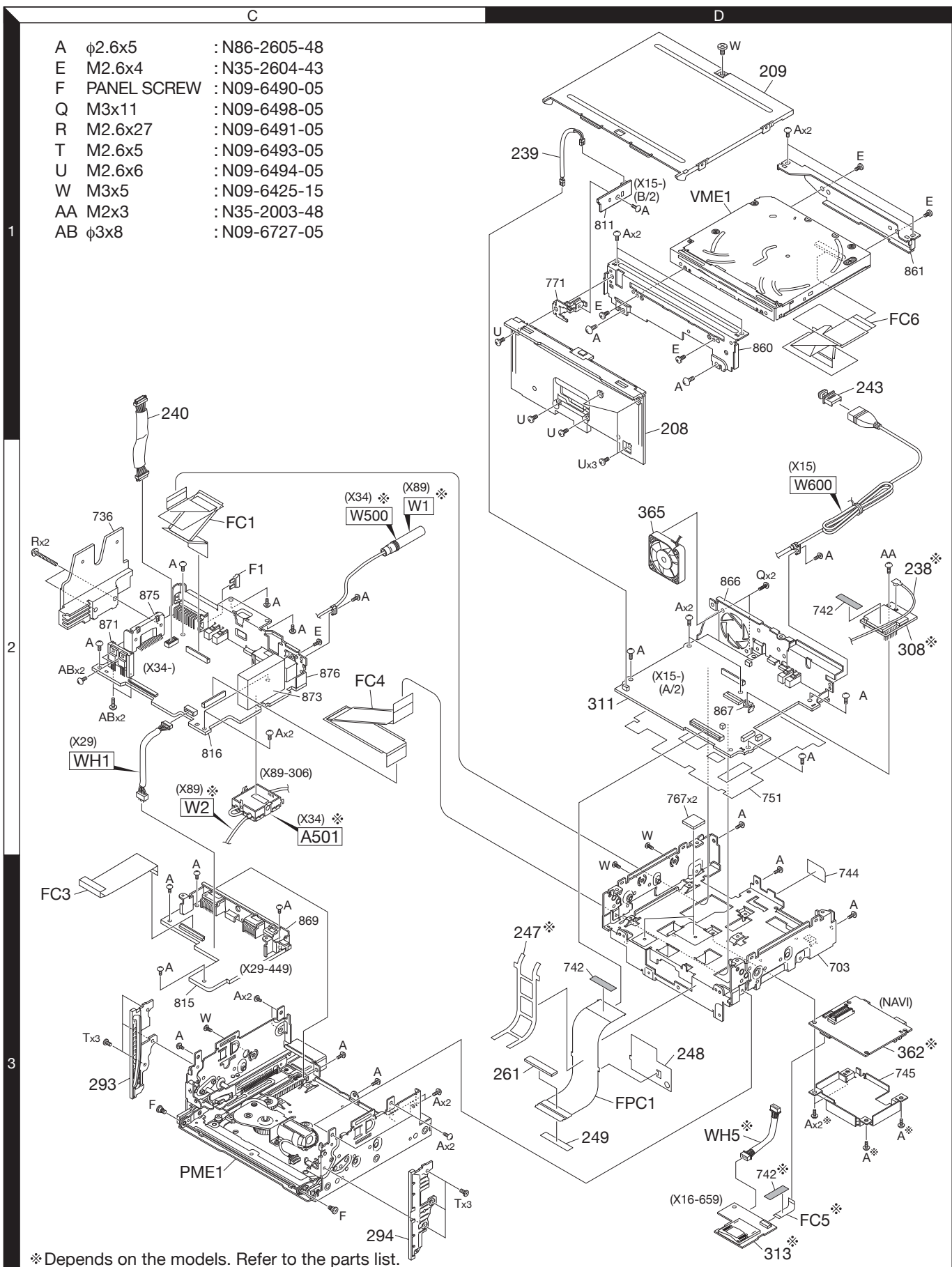
# EXPLODED VIEW (DVD MECHANISM)



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

# EXPLODED VIEW (UNIT)

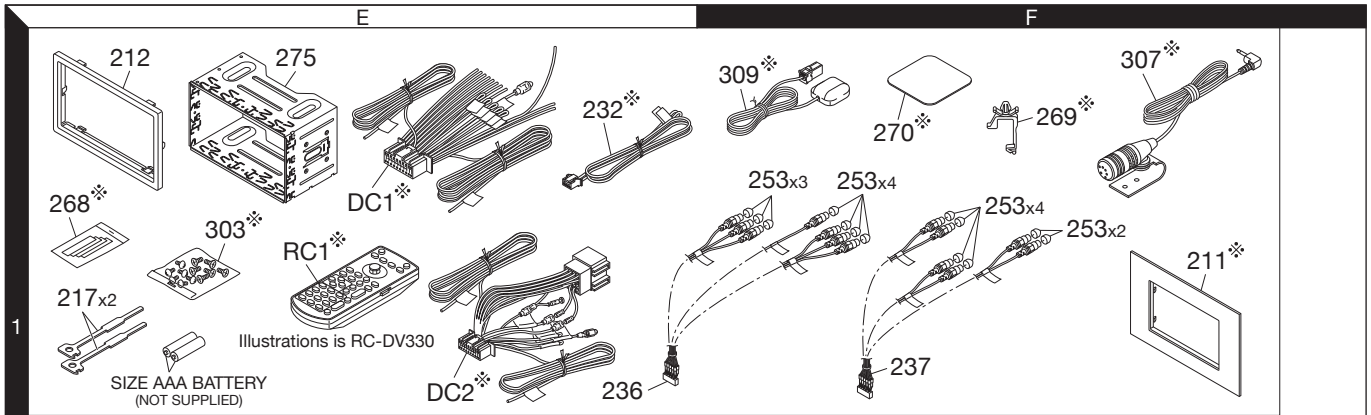
- |    |             |               |
|----|-------------|---------------|
| A  | φ2.6x5      | : N86-2605-48 |
| E  | M2.6x4      | : N35-2604-43 |
| F  | PANEL SCREW | : N09-6490-05 |
| Q  | M3x11       | : N09-6498-05 |
| R  | M2.6x27     | : N09-6491-05 |
| T  | M2.6x5      | : N09-6493-05 |
| U  | M2.6x6      | : N09-6494-05 |
| W  | M3x5        | : N09-6425-15 |
| AA | M2x3        | : N35-2003-48 |
| AB | φ3x8        | : N09-6727-05 |



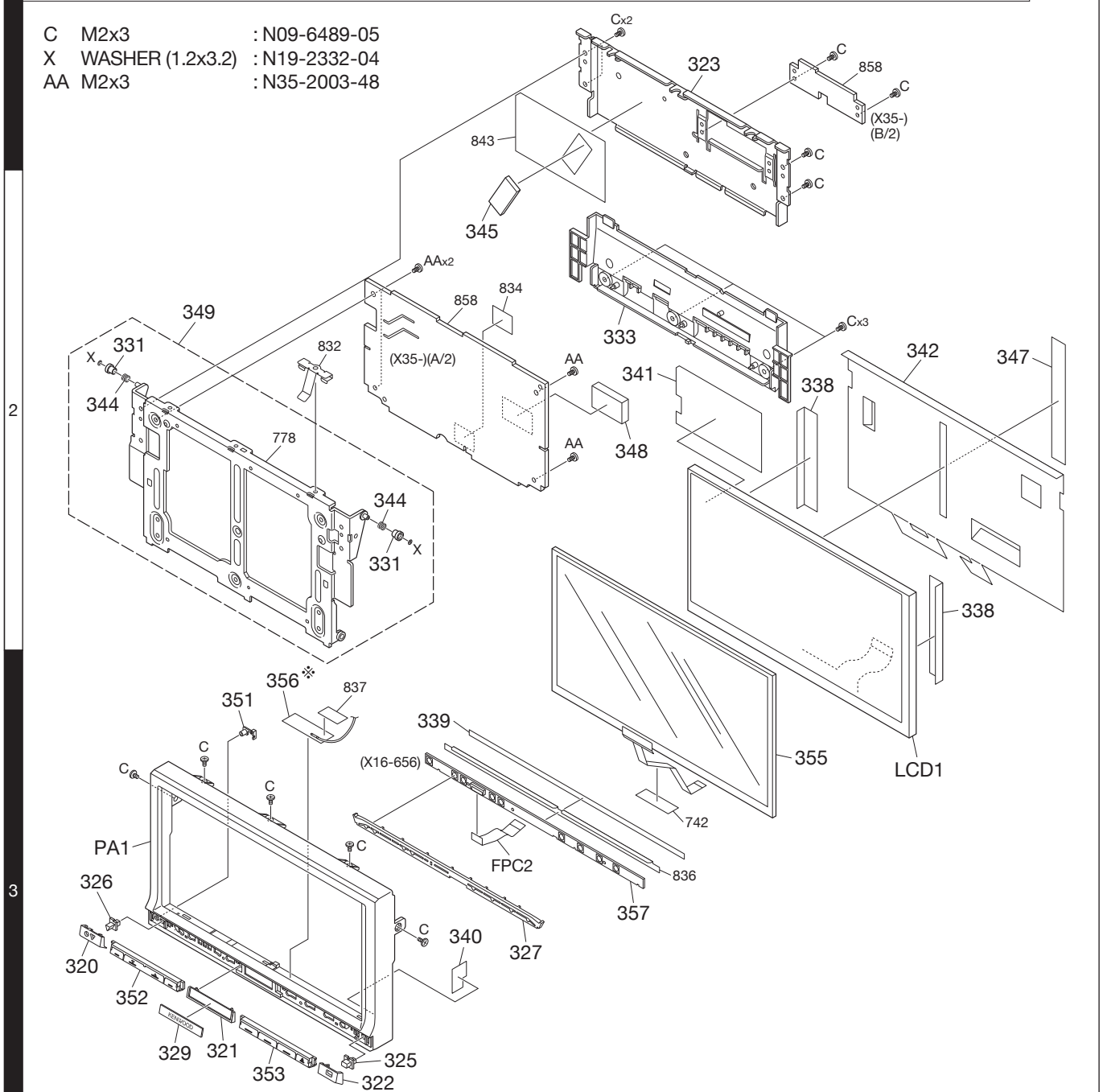
\* Depends on the models. Refer to the parts list.

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

# EXPLODED VIEW (PANEL)



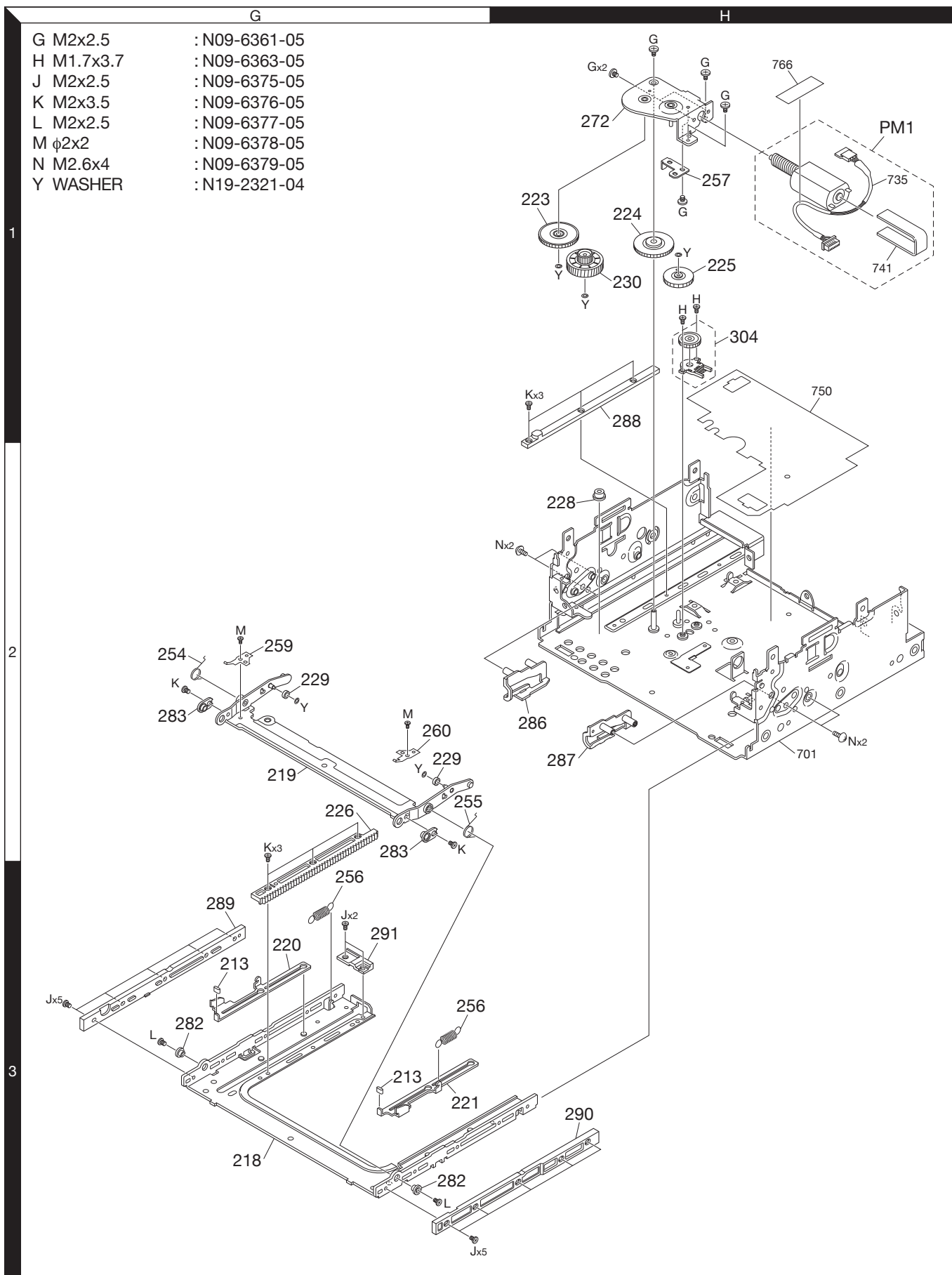
- C M2x3 : N09-6489-05
- X WASHER (1.2x3.2) : N19-2332-04
- AA M2x3 : N35-2003-48



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

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



**EXPLODED VIEW (DRIVE MECHANISM)**

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



# 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.	Ad	New	Parts No.	Description	Desti- nation	Ref. No.	Ad	New	Parts No.	Description	Desti- nation
<b>DDX6034/6034M/6054/7034BT/7034BTM/714 DNX7000EX/7140/7240BT/7340BT</b>						-		*	B64-4377-00	INSTRUCTION MANUAL (ARA.)	M2M4
208	1D	*	A22-3223-01	SUB PANEL ASSY	M5X3	211	1F		B07-3172-12	ESCUTCHEON	KM1M2
208	1D	*	A22-3224-11	SUB PANEL ASSY	M1M2X1	211	1F		B07-3172-12	ESCUTCHEON	K1K2M5
208	1D	*	A22-3238-11	SUB PANEL ASSY	K1K2	211	1F		B07-3172-12	ESCUTCHEON	M3M4X1
208	1D	*	A22-3239-01	SUB PANEL ASSY	E1	211	1F		B07-3172-12	ESCUTCHEON	X2R1Q1
208	1D	*	A22-3240-11	SUB PANEL ASSY	K	211	1F		B07-3172-12	ESCUTCHEON	X3
208	1D	*	A22-3242-01	SUB PANEL ASSY	Q1M3M4	212	1E		B07-3224-31	ESCUTCHEON	
208	1D	*	A22-3242-01	SUB PANEL ASSY	X2	213	3G		B09-0541-04	CAP	
208	1D	*	A22-3253-01	SUB PANEL ASSY	R1	217	1E		D10-7012-04	LEVER	
209	1D		A52-0895-02	TOP PLATE		218	3G		D10-4895-22	SLIDER ASSY	
PME1	3C		A10-5300-51	CHASSIS ASSY		219	2G		D10-4897-13	ARM ASSY	
RC1	1E		A70-2082-15	REMOTE CONTROLLER AS (RC-DV330)	K1K2M5	220	3G		D10-4899-03	LEVER (L)	
RC1	1E		A70-2082-15	REMOTE CONTROLLER AS (RC-DV330)	X3E1	221	3G		D10-4900-03	LEVER (R)	
RC1	1E		A70-2083-15	REMOTE CONTROLLER AS (RC-DV340)	M4X2	223	1H		D13-2394-04	GEAR	
RC1	1E		A70-2083-15	REMOTE CONTROLLER AS (RC-DV340)	R1M1M2	224	1H		D13-2395-04	GEAR	
RC1	1E		A70-2083-15	REMOTE CONTROLLER AS (RC-DV340)	X1Q1M3	225	1H		D13-2396-04	GEAR	
-		*	B54-4714-00	INSTALLATION MANU (ENG.FRE.SPA)	KR1K1	226	3G		D13-2397-03	RACK (GEAR)	
-		*	B54-4714-00	INSTALLATION MANU (ENG.FRE.SPA)	K2	228	2H		D14-1010-04	ROLLER	
-		*	B54-4715-00	INSTALLATION MANUAL (POR.)	R1	229	2G		D14-1011-14	ROLLER	
-		*	B54-4716-00	INSTALLATION MANUAL (ENG.)	Q1E1	230	1H		D19-0653-23	CLUTCH ASSY	
-		*	B54-4717-00	INSTALLATION MANUAL (RUS.UKR.)	Q1	232	1F		E30-6786-05	CORD WITH PLUG (RELAY)	E1
-		*	B54-4718-00	INSTALLATION MANUAL (ENG.)	M1M2X1	232	1F		E30-6786-05	CORD WITH PLUG (RELAY)	KR1M1
-		*	B54-4718-00	INSTALLATION MANUAL (ENG.)	M3M4X2	232	1F		E30-6786-05	CORD WITH PLUG (RELAY)	K2M5X3
-		*	B54-4718-00	INSTALLATION MANUAL (ENG.)	M5X3	232	1F		E30-6786-05	CORD WITH PLUG (RELAY)	M2X1K1
-		*	B54-4719-00	INSTALLATION MANUAL (S-CHI.HOR.)	M1M3M5	236	1E	*	E30-6899-05	CORD WITH PINPLUG (AV)	
-		*	B54-4720-00	INSTALLATION MANUA (F.G.D.I.S.P)	E1	237	1F	*	E30-6898-05	CORD WITH PINPLUG (PRE)	
-		*	B54-4721-00	INSTALLATION MANUAL (ARA.)	M2M4	238	2D	*	E30-6888-05	CORD WITH CONNECTOR	E1
-		*	B64-4338-00	INSTRUCTION MANUAL (ENG.)	K1K2	238	2D	*	E30-6888-05	CORD WITH CONNECTOR	KR1M1
-		*	B64-4339-00	INSTRUCTION MANUAL (FRE.SPA.)	K1K2	238	2D	*	E30-6888-05	CORD WITH CONNECTOR	K2M5X3
-		*	B64-4340-00	INSTRUCTION MANUAL (ENG.)	E1	238	2D	*	E30-6888-05	CORD WITH CONNECTOR	M2X1K1
-		*	B64-4341-00	INSTRUCTION MANUA (FRE.GER.DUT)	E1	239	1D		E39-0915-05+	WIRING HARNESS	
-		*	B64-4342-00	INSTRUCTION MANUA (ITA.SPA.POR)	E1	240	1C	*	E39-1079-05	WIRING HARNESS	
-		*	B64-4343-00	INSTRUCTION MANUAL (ENG.S-CHI.)	M5	DC1	1E		E30-6881-15	DC CORD	KR1M1
-		*	B64-4346-00	INSTRUCTION MANUAL (ENG.)	X3	DC1	1E		E30-6881-15	DC CORD	K2M5X3
-		*	B64-4361-00	INSTRUCTION MANUAL (ENG.)	KR1K1	DC1	1E		E30-6881-15	DC CORD	M2X1M3
-		*	B64-4361-00	INSTRUCTION MANUAL (ENG.)	K2	DC1	1E		E30-6881-15	DC CORD	M4X2K1
-		*	B64-4362-00	INSTRUCTION MANUAL (FRE.)	KK1K2	DC2	1E		E30-6796-05	DC CORD (ISO)	Q1E1
-		*	B64-4363-00	INSTRUCTION MANUAL (SPA.)	KR1K1	FC1	2C	*	E39-1074-05	FLAT CABLE	
-		*	B64-4363-00	INSTRUCTION MANUAL (SPA.)	K2	FC3	3C		E39-1024-05	FLAT CABLE	
-		*	B64-4364-00	INSTRUCTION MANUAL (POR.)	R1	FC4	2C	*	E39-1073-05	FLAT CABLE	
-		*	B64-4365-00	INSTRUCTION MANUAL (ENG.)	Q1E1	FC6	1D	*	E39-1075-05	FLAT CABLE	
-		*	B64-4366-00	INSTRUCTION MANUAL (FRE.)	E1	WH5	3D	*	E39-1078-05	WIRING HARNESS	M1M2X1
-		*	B64-4367-00	INSTRUCTION MANUAL (GER.)	E1						
-		*	B64-4368-00	INSTRUCTION MANUAL (DUT.)	E1	243	1D		F09-2929-04	CAP	
-		*	B64-4369-00	INSTRUCTION MANUAL (ITA.)	E1	247	3D		F09-2972-04	SHEET	E1
-		*	B64-4370-00	INSTRUCTION MANUAL (SPA.)	E1	247	3D		F09-2972-04	SHEET	KR1M1
-		*	B64-4371-00	INSTRUCTION MANUAL (POR.)	E1	247	3D		F09-2972-04	SHEET	K2M5X3
-		*	B64-4372-00	INSTRUCTION MANUAL (RUS.)	Q1	247	3D		F09-2972-04	SHEET	M2X1K1
-		*	B64-4373-00	INSTRUCTION MANUAL (UKR.)	Q1	248	3D	*	F12-0978-04	SHIELDING SHEET	
-		*	B64-4374-00	INSTRUCTION MANUAL (ENG.)	M1M2X1	249	2D	*	F12-0979-04	SHIELDING SHEET	
-		*	B64-4374-00	INSTRUCTION MANUAL (ENG.)	M3M4X2	253	1F		F29-0626-04	INSULATING COVER	
-		*	B64-4374-00	INSTRUCTION MANUAL (ENG.)	M5X3	△ F1	2C		F52-0007-05	FUSE (MINI BLADE TYPE) 15A	
-		*	B64-4375-00	INSTRUCTION MANUAL (S-CHI.)	M1M3M5	254	2G		G01-3288-04	TORSION COIL SPRING	
-		*	B64-4376-00	INSTRUCTION MANUAL (KOR.)	M1M3	255	2G		G01-3289-04	TORSION COIL SPRING	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)

X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)

K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)

E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

DDX6034/6034M/6054/7034BT/7034BTM/714  
 DNX7000EX/7140/7240BT/7340BT

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
256	3G		G01-3290-04	EXTENSION SPRING	
257	1H		G02-1539-04	FLAT SPRING	
259	2G		G02-1544-04	FLAT SPRING	
260	2G		G02-1545-04	FLAT SPRING	
261	3D	*	G11-3799-04	CUSHION	
-		*	H54-4560-03	ITEM CARTON CASE	K1
-		*	H54-4561-13	ITEM CARTON CASE	K2
-		*	H54-4562-03	ITEM CARTON CASE	E1
-		*	H54-4563-03	ITEM CARTON CASE	M5X3
-		*	H54-4565-03	ITEM CARTON CASE	K
-		*	H54-4566-03	ITEM CARTON CASE	R1
-		*	H54-4567-03	ITEM CARTON CASE	M1X1
-		*	H54-4568-03	ITEM CARTON CASE	M2
-		*	H54-4569-03	ITEM CARTON CASE	Q1
-		*	H54-4570-03	ITEM CARTON CASE	M3X2
-		*	H54-4571-03	ITEM CARTON CASE	M4
268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	KM1M2
268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	K1K2M5
268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	M3M4X1
268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	X2R1Q1
268	1E		H30-0595-04	ADHESIVE DOUBLE-COATED TAPE	X3
269	1F		J11-0660-05	CLAMPER	K1K2
270	1F		J21-9867-04	MOUNTING HARDWARE (GPS-ANT)	K1K2M5
270	1F		J21-9867-04	MOUNTING HARDWARE (GPS-ANT)	X3E1
272	1H		J22-0444-13	MOUNTING HARDWARE ASSY (MOTOR)	
275	1E		J22-0657-03	MOUNTING HARDWARE ASSY	
282	3G		J31-1075-14	COLLAR (ARM COLLAR)	
283	2G		J31-1077-04	COLLAR (PANEL COLLAR)	
286	2H		J90-1124-13	GUIDE ASSY	
287	2H		J90-1126-13	GUIDE ASSY	
288	2H		J90-1128-03	RAIL	
289	3G		J90-1129-23	RAIL	
290	3H		J90-1130-23	RAIL	
291	3G		J90-1131-03	GUIDE	
293	3C		J90-1160-01	RAIL	
294	3C		J90-1161-01	RAIL	
FPC1	3D	*	J86-0057-05	FPC (LEAD FREE)	
303	1E		N99-1779-15	SCREW SET	KR1M1
303	1E		N99-1779-15	SCREW SET	K2M5X3
303	1E		N99-1779-15	SCREW SET	M2X1M3
303	1E		N99-1779-15	SCREW SET	M4X2K1
A	3C		N86-2605-48	BINDING HEAD TAPTITE SCREW	
AA	2E		N35-2003-48	BINDING HEAD MACHINE SCREW	E1
AA	2E		N35-2003-48	BINDING HEAD MACHINE SCREW	KR1M1
AA	2E		N35-2003-48	BINDING HEAD MACHINE SCREW	K2M5X3
AA	2E		N35-2003-48	BINDING HEAD MACHINE SCREW	M2X1K1
C	3E		N09-6489-05	MACHINE SCREW (M2.0X3.0)	
F	3C		N09-6490-05	STEPPED SCREW (PANEL SCREW)	
G	1H		N09-6361-05	MACHINE SCREW (M2X2.5)	
H	1H		N09-6363-05	MACHINE SCREW (M1.7X3.7)	
J	3G		N09-6375-05	MACHINE SCREW (M2X2.5)	
K	2G		N09-6376-05	MACHINE SCREW (M2X3.5)	
L	3G		N09-6377-05	MACHINE SCREW (M2X2.5)	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
M	2G		N09-6378-05	TAPTITE SCREW (STITE 2X2)	
N	2H		N09-6379-05	MACHINE SCREW (M2.6X4 BIND)	
R	2C		N09-6491-05	MACHINE SCREW (M2.6X27)	
T	3C		N09-6493-05	MACHINE SCREW (M2.6X5)	
U	1D		N09-6494-05	MACHINE SCREW (M2.6X6)	
W	3C		N09-6425-15	MACHINE SCREW (M3.0X5)	
Y	1H		N19-2321-04	FLAT WASHER (1.6X4X0.25)	
304	1H		R31-0248-05	VARIABLE RESISTOR	
PM1	1H		T42-1322-24	MOTOR ASSY	
307	1F		W01-1718-05	MICROPHONE	E1
307	1F		W01-1718-05	MICROPHONE	KR1M1
307	1F		W01-1718-05	MICROPHONE	K2M5X3
307	1F		W01-1718-05	MICROPHONE	M2X1K1
308	2D	*	W02-5360-05	ELECTRIC CIRCUIT MODULE (BT)	E1
308	2D	*	W02-5360-05	ELECTRIC CIRCUIT MODULE (BT)	KR1M1
308	2D	*	W02-5360-05	ELECTRIC CIRCUIT MODULE (BT)	K2M5X3
308	2D	*	W02-5360-05	ELECTRIC CIRCUIT MODULE (BT)	M2X1K1
309	1F		W02-5305-05	ANTENNA MODULE (GPS)	K1K2M5
309	1F		W02-5305-05	ANTENNA MODULE (GPS)	X3E1
311	2D	*	X15-1230-10	VIDEO CONTROL UNIT	K1
311	2D	*	X15-1230-11	VIDEO CONTROL UNIT	K2
311	2D	*	X15-1230-21	VIDEO CONTROL UNIT	M5
311	2D	*	X15-1230-71	VIDEO CONTROL UNIT	X3
311	2D	*	X15-1232-71	VIDEO CONTROL UNIT	E1
311	2D	*	X15-1340-10	VIDEO CONTROL UNIT	K
311	2D	*	X15-1340-21	VIDEO CONTROL UNIT	M1
311	2D	*	X15-1340-22	VIDEO CONTROL UNIT	M2
311	2D	*	X15-1340-23	VIDEO CONTROL UNIT	M3
311	2D	*	X15-1340-24	VIDEO CONTROL UNIT	M4
311	2D	*	X15-1340-71	VIDEO CONTROL UNIT	X1
311	2D	*	X15-1340-72	VIDEO CONTROL UNIT	X2
311	2D	*	X15-1343-21	VIDEO CONTROL UNIT	R1
311	2D	*	X15-1343-81	VIDEO CONTROL UNIT	Q1
313	3D	*	X16-6590-20	SUB-CIRCUIT UNIT	M1M2X1
313	3D	*	X16-6590-21	SUB-CIRCUIT UNIT	M5X3
<b>DISPLAY ASSY</b>					
320	3E	*	A21-6723-03	DRESSING PANEL	
321	3E	*	A21-6724-03	DRESSING PANEL	
322	3E	*	A21-6725-03	DRESSING PANEL	
323	1F	*	A46-1893-02	REAR COVER	
PA1	3E	*	A64-4834-11	PANEL	K1
PA1	3E	*	A64-4835-11	PANEL	K2
PA1	3E	*	A64-4836-11	PANEL	E1
PA1	3E	*	A64-4837-11	PANEL	M5X3
PA1	3E	*	A64-4839-11	PANEL	K
PA1	3E	*	A64-4840-11	PANEL	R1
PA1	3E	*	A64-4841-11	PANEL	M1M2X1
PA1	3E	*	A64-4843-11	PANEL	M3M4X2
PA1	3E	*	A64-4924-11	PANEL	Q1
325	3E	*	B10-5266-04	FRONT GLASS	
326	3E	*	B10-5267-04	FRONT GLASS	
327	3E	*	B11-2031-13	OPTICAL DIFFUSER	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## DISPLAY ASSY

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
329	3E	*	B43-1548-04	BADGE		C10			CK73GB1A105K	CHIP C 1.0UF	K
LCD1	3F	*	B38-1215-05	LCD		C11			CE32BQ1C221M	CHIP EL 220UF	16WV
331	2E		D14-1024-04	ROLLER		C12			CK73FBQJ106K	CHIP C 10UF	K
333	2F	*	F07-2208-02	COVER		C13-16			CK73GB1A105K	CHIP C 1.0UF	K
338	2F	*	F09-3017-04	SHEET		C18			CK73GB1H104K	CHIP C 0.10UF	K
339	3E	*	F09-3025-04	SHEET		C19			CE32BQ1E101M	CHIP EL 100UF	25WV
340	3E	*	F12-0976-04	SHIELDING SHEET		C20			CK73GB1H103K	CHIP C 0.010UF	K
341	2F		F20-2433-04	INSULATING SHEET		C21			CK73GB1H104K	CHIP C 0.10UF	K
342	2F	*	F20-2487-03	INSULATING SHEET		C51			CK73HB1A104K	CHIP C 0.10UF	K
344	2E		G01-4659-04	COMPRESSION SPRING		C52			CK73HB1E103K	CHIP C 0.010UF	K
345	2E		G16-1688-04	SHEET		C53			CK73GB1H103K	CHIP C 0.010UF	K
347	2F	*	G16-1749-04	SHEET		C54			CK73FBQJ106K	CHIP C 10UF	K
348	2F	*	G16-1755-04	SHEET		C55			CE32BJ1C100M	CHIP EL 10UF	16WV
349	2E	*	J22-0869-02	MOUNTING HARDWARE ASSY		C56			CK73GB1H102K	CHIP C 1000PF	K
FPC2	3E	*	J86-0060-05	FPC (LEAD FREE)		C61			CK73HB1E103K	CHIP C 0.010UF	K
351	3E	*	K24-5011-04	PUSH KNOB (RESET)		C62			CK73HB1A104K	CHIP C 0.10UF	K
352	3E	*	K25-1960-13	KNOB ASSY (ATT,VOL,AUD)		C101,102			CK73GB1H104K	CHIP C 0.10UF	K
353	3E	*	K25-1962-13	KNOB ASSY (NAV,SRC,TEL,EJ)	K1K2M5	C103,104			CK73GB1H103K	CHIP C 0.010UF	K
353	3E	*	K25-1962-13	KNOB ASSY (NAV,SRC,TEL,EJ)	X3E1	C105,106			CK73GB1H102K	CHIP C 1000PF	K
353	3E	*	K25-1966-13	KNOB ASSY (TOP,SRC,TEL,EJ)	KM1M2	C109-112			CK73EB1E106K	CHIP C 10UF	K
353	3E	*	K25-1966-13	KNOB ASSY (TOP,SRC,TEL,EJ)	M3M4X1	C113,114			CK73GB1H104K	CHIP C 0.10UF	K
353	3E	*	K25-1966-13	KNOB ASSY (TOP,SRC,TEL,EJ)	X2R1Q1	C115,116			CK73GB1H103K	CHIP C 0.010UF	K
AA	2E		N35-2003-48	BINDING HEAD MACHINE SCREW		C117,118			CK73GB1H104K	CHIP C 0.10UF	K
C	1F		N09-6489-05	MACHINE SCREW (M2.0X3.0)		C119-122			CK73GB1H102K	CHIP C 1000PF	K
X	2E		N19-2332-04	FLAT WASHER (1.2X3.2X0.25)		C123			CE32AV1A121M	CHIP EL 120UF	10WV
355	3F	*	S79-0868-05	SWITCH ASSY (TOUCH PANEL)		C124			CE32AV0J221M	CHIP EL 220UF	6.3WV
356	3E	*	T90-0596-05	ANTENNA ASSY (BT)	E1	C125,126			CK73GB1H104K	CHIP C 0.10UF	K
356	3E	*	T90-0596-05	ANTENNA ASSY (BT)	KR1M1	C127,128			CK73GB1H103K	CHIP C 0.010UF	K
356	3E	*	T90-0596-05	ANTENNA ASSY (BT)	K2M5X3	C131,132			CC73GCH1H221J	CHIP C 220PF	J
356	3E	*	T90-0596-05	ANTENNA ASSY (BT)	M2X1K1	C133			CK73GB1H473K	CHIP C 0.047UF	K
357	3F	*	X16-6560-10	SWITCH UNIT		C134			CK73GB1H103K	CHIP C 0.010UF	K
<b>DVD PLAYER ASSY</b>						C135			CK73GB1H223K	CHIP C 0.022UF	K
E	1D		N35-2604-43	BINDING HEAD MACHINE SCREW		C136			CK73GB1H103K	CHIP C 0.010UF	K
VME1	1D		X92-6400-00	DVD MECHANISM ASSY (DVS-8220W)		C137			CC73GCH1H101J	CHIP C 100PF	J
<b>CONTROL ASSY (NAVI)</b>						C138			CC73GCH1H470J	CHIP C 47PF	J
FC5	3D		E39-1026-05	FLAT CABLE	M5X3	C139			CK73GB1H103K	CHIP C 0.010UF	K
362	3D	*	W02-5351-05	NAVIGATION MODULE (K)	K1K2	C140			CK73GB1H102K	CHIP C 1000PF	K
362	3D	*	W02-5352-05	NAVIGATION MODULE (E)	E1	C141			CC73GCH1H101J	CHIP C 100PF	J
362	3D	*	W02-5353-05	NAVIGATION MODULE (M)	M5X3	C142,143			CK73GB1H102K	CHIP C 1000PF	K
<b>VIDEO CONTROL UNIT (X15-123x/134x-xx)</b>						C144			CK73EB1E225K	CHIP C 2.2UF	K
D91			B30-1767-05	LED		C145			CK73GB1H104K	CHIP C 0.10UF	K
C1			C90-5670-05	ELECTRO 2200UF 16WV		C146			CK73FBQJ106K	CHIP C 10UF	K
C2 ,3			CK73GB1H104K	CHIP C 0.10UF	K	C147			CK73GB1H104K	CHIP C 0.10UF	K
C6			CK73GB1H103K	CHIP C 0.010UF	K	C148			CK73HB1E103K	CHIP C 0.010UF	K
C7			CK73GB1H104K	CHIP C 0.10UF	K	C151,152			CK73GB1H104K	CHIP C 0.10UF	K
C8			C93-1470-05	CHIP C 15000PF	K	C153,154			CK73GB1H103K	CHIP C 0.010UF	K
C8			C93-1470-05	CHIP C 15000PF	K	C155,156			CK73GB1H102K	CHIP C 1000PF	K
					E1	C159-162			CK73EB1E106K	CHIP C 10UF	K
					M2Q1M4	C163,164			CK73GB1H104K	CHIP C 0.10UF	K
						C165,166			CK73GB1H103K	CHIP C 0.010UF	K
						C167,168			CK73GB1H104K	CHIP C 0.10UF	K
						C169-172			CK73GB1H102K	CHIP C 1000PF	K
						C173			CE32AV0J221M	CHIP EL 220UF	6.3WV
						C174			CE32AV0G331M	CHIP EL 330UF	4.0WV
						C175,176			CK73GB1H104K	CHIP C 0.10UF	K

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Ad	New	Parts No.	Description	Desti- nation	Ref. No.	Ad	New	Parts No.	Description	Desti- nation
C177,178			CK73GB1H103K	CHIP C 0.010UF K		C421			CK73FB0J106K	CHIP C 10UF K	E1
C179,180			CC73GCH1H101J	CHIP C 100PF J		C421			CK73FB0J106K	CHIP C 10UF K	KR1M1
C181-183			CK73GB1H103K	CHIP C 0.010UF K		C421			CK73FB0J106K	CHIP C 10UF K	K2M5X3
C184			CK73GB1H223K	CHIP C 0.022UF K		C421			CK73FB0J106K	CHIP C 10UF K	M2X1K1
C185-188			CC73GCH1H470J	CHIP C 47PF J		C422			CK73HB1A104K	CHIP C 0.10UF K	E1
C189			CK73GB1H103K	CHIP C 0.010UF K		C422			CK73HB1A104K	CHIP C 0.10UF K	KR1M1
C190			CK73GB1H102K	CHIP C 1000PF K		C422			CK73HB1A104K	CHIP C 0.10UF K	K2M5X3
C191			CC73GCH1H101J	CHIP C 100PF J		C422			CK73HB1A104K	CHIP C 0.10UF K	M2X1K1
C192			CK73FB0J106K	CHIP C 10UF K		C423			CC73HCH1H101J	CHIP C 100PF J	E1
C193			CK73GB1H104K	CHIP C 0.10UF K		C423			CC73HCH1H101J	CHIP C 100PF J	KR1M1
C194			CK73EB1E225K	CHIP C 2.2UF K		C423			CC73HCH1H101J	CHIP C 100PF J	K2M5X3
C195			CK73GB1H104K	CHIP C 0.10UF K		C423			CC73HCH1H101J	CHIP C 100PF J	M2X1K1
C201			CK73FB0J106K	CHIP C 10UF K		C424			CK73HB1A104K	CHIP C 0.10UF K	E1
C202			CK73GB1H222K	CHIP C 2200PF K		C424			CK73HB1A104K	CHIP C 0.10UF K	KR1M1
C203			CK73FB0J106K	CHIP C 10UF K		C424			CK73HB1A104K	CHIP C 0.10UF K	K2M5X3
C204			CK73GB1H222K	CHIP C 2200PF K		C424			CK73HB1A104K	CHIP C 0.10UF K	M2X1K1
C205			CC73HCH1H150J	CHIP C 15PF J		C425			CE32BJ1C100M	CHIP EL 10UF 16WV	E1
C206			CC73HCH1H120J	CHIP C 12PF J		C425			CE32BJ1C100M	CHIP EL 10UF 16WV	KR1M1
C207			CK73HB1A104K	CHIP C 0.10UF K		C425			CE32BJ1C100M	CHIP EL 10UF 16WV	K2M5X3
C208,209			CC73HCH1H080D	CHIP C 8.0PF D		C425			CE32BJ1C100M	CHIP EL 10UF 16WV	M2X1K1
C210			CK73HB1A104K	CHIP C 0.10UF K		C426			CK73HB1A104K	CHIP C 0.10UF K	E1
C212-215			CK73HB1A104K	CHIP C 0.10UF K		C426			CK73HB1A104K	CHIP C 0.10UF K	KR1M1
C216,217			CK73HB1E103K	CHIP C 0.010UF K		C426			CK73HB1A104K	CHIP C 0.10UF K	K2M5X3
C218,219			CC73HCH1H101J	CHIP C 100PF J		C426			CK73HB1A104K	CHIP C 0.10UF K	M2X1K1
C221			CC73HCH1H101J	CHIP C 100PF J		C428			CK73FB0J106K	CHIP C 10UF K	E1
C222			CK73HB1A104K	CHIP C 0.10UF K		C428			CK73FB0J106K	CHIP C 10UF K	KR1M1
C223			CK73HB1H102K	CHIP C 1000PF K		C428			CK73FB0J106K	CHIP C 10UF K	K2M5X3
C224			CC73HCH1H101J	CHIP C 100PF J		C428			CK73FB0J106K	CHIP C 10UF K	M2X1K1
C225,226			CK73HB0J105K	CHIP C 1.0UF K		C431-434			CK73GB1A105K	CHIP C 1.0UF K	E1
C227,228			CK73HB1E103K	CHIP C 0.010UF K		C431-434			CK73GB1A105K	CHIP C 1.0UF K	KR1M1
C231			CK73HB1E103K	CHIP C 0.010UF K		C431-434			CK73GB1A105K	CHIP C 1.0UF K	K2M5X3
C235-237			CK73HB1A104K	CHIP C 0.10UF K		C431-434			CK73GB1A105K	CHIP C 1.0UF K	M2X1K1
C238			CK73HB1E103K	CHIP C 0.010UF K		C435-438			CC73GCH1H100D	CHIP C 10PF D	E1
C240			CK73HB1A104K	CHIP C 0.10UF K	KR1Q1	C435-438			CC73GCH1H100D	CHIP C 10PF D	KR1M1
C240			CK73HB1A104K	CHIP C 0.10UF K	K1K2	C435-438			CC73GCH1H100D	CHIP C 10PF D	K2M5X3
C240			CK73HB1A104K	CHIP C 0.10UF K	M3M4X2	C435-438			CC73GCH1H100D	CHIP C 10PF D	M2X1K1
C241,242			CK73HB1E103K	CHIP C 0.010UF K		C491			CK73FB1A225K	CHIP C 2.2UF K	
C244			CK73HB1E103K	CHIP C 0.010UF K	K1K2M5	C500-503			CK73GB1A105K	CHIP C 1.0UF K	
C244			CK73HB1E103K	CHIP C 0.010UF K	X3E1	C504			CK73HB1A104K	CHIP C 0.10UF K	
C301			CK73GB1H103K	CHIP C 0.010UF K		C505,506			CK73FB0J106K	CHIP C 10UF K	
C302			CK73GB1H104K	CHIP C 0.10UF K		C507			CK73HB1A104K	CHIP C 0.10UF K	
C304			CK73GB1H103K	CHIP C 0.010UF K		C509			CK73HB1A104K	CHIP C 0.10UF K	
C305			CK73GB1H104K	CHIP C 0.10UF K		C510,511			CK73EB1A106K	CHIP C 10UF K	
C308			CK73GB1H471K	CHIP C 470PF K		C512,513			CK73HB1H222K	CHIP C 2200PF K	
C309			CK73EB1E106K	CHIP C 10UF K		C514			CK73HB1A104K	CHIP C 0.10UF K	
C310			CK73GB1H471K	CHIP C 470PF K		C515			CK73FB0J106K	CHIP C 10UF K	
C311			CK73EB1E106K	CHIP C 10UF K		C516			CK73GB1A105K	CHIP C 1.0UF K	
C312-314			CK73HB1A104K	CHIP C 0.10UF K		C517			CK73HB1H221K	CHIP C 220PF K	
C403			CK73GB1H104K	CHIP C 0.10UF K	K1K2M5	C518			CK73HB1A104K	CHIP C 0.10UF K	
C403			CK73GB1H104K	CHIP C 0.10UF K	X3E1	C519			CK73HB1H221K	CHIP C 220PF K	
C404			CK73GB1H103K	CHIP C 0.010UF K	K1K2M5	C520			CK73HB1E103K	CHIP C 0.010UF K	
C404			CK73GB1H103K	CHIP C 0.010UF K	X3E1	C522			CK73GB1A105K	CHIP C 1.0UF K	
C405,406			CK73GB1A474K	CHIP C 0.47UF K		C524			CK73FB0J106K	CHIP C 10UF K	
C407			CE32BJ0J470M	CHIP EL 47UF 6.3WV		C525			CK73HB1A104K	CHIP C 0.10UF K	
C411			CK73HB1E103K	CHIP C 0.010UF K		C526			CK73GB1A105K	CHIP C 1.0UF K	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)

X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)

K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)

E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.



# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C528			CK73HB1A104K	CHIP C 0.10UF K		C936,937			CK73FB0J106K	CHIP C 10UF K	
C529			CK73FB0J106K	CHIP C 10UF K		C938-941			CK73HB1A104K	CHIP C 0.10UF K	
C530			CK73HB1A104K	CHIP C 0.10UF K		C942			CK73FB0J106K	CHIP C 10UF K	
C531,532			CK73FB0J106K	CHIP C 10UF K		C943			CK73GB0J225K	CHIP C 2.2UF K	
C534			CK73FB0J106K	CHIP C 10UF K		C944-950			CK73HB1A104K	CHIP C 0.10UF K	
C535			CK73HB1A104K	CHIP C 0.10UF K	M1M2X1	C951			CK73HB0J105K	CHIP C 1.0UF K	
C536			CK73FB0J106K	CHIP C 10UF K		C952			CK73HB1A104K	CHIP C 0.10UF K	
C537			CK73HB0J105K	CHIP C 1.0UF K	M1M2X1	C953			CK73FB0J106K	CHIP C 10UF K	
C538			CK73FB0J106K	CHIP C 10UF K		C954			CE32BQJ331M	CHIP EL 330UF 6.3WV	
C540			CK73HB1A104K	CHIP C 0.10UF K		C955			CK73HB1A104K	CHIP C 0.10UF K	
C541			CK73HB0J105K	CHIP C 1.0UF K		C956			CK73FB0J106K	CHIP C 10UF K	
C542			CK73HB1A104K	CHIP C 0.10UF K		C957-965			CK73HB1A104K	CHIP C 0.10UF K	
C543			CK73HB0J105K	CHIP C 1.0UF K		C966,967			CK73HB0J105K	CHIP C 1.0UF K	
C544			CK73HB1A104K	CHIP C 0.10UF K		C968			CK73HB1A104K	CHIP C 0.10UF K	
C550,551			CK73HB1E103K	CHIP C 0.010UF K		CN1			E41-2961-05	PIN ASSY	
C580-582			CK73FB0J226M	CHIP C 22UF M		CN2 ,3			E41-2979-05	FLAT CABLE CONNECTOR	
C600,601			CC73HCH1H100D	CHIP C 10PF D		CN4			E41-2359-05	PIN ASSY	
C602-604			CK73HB1A104K	CHIP C 0.10UF K		CN5			E41-2248-05	PIN ASSY	
C605			CK73FB0J106K	CHIP C 10UF K		CN7			E41-1476-05	PIN ASSY	
C606			CK73HB1H102K	CHIP C 1000PF K		CN8			E41-1486-05	PIN ASSY	
C607			CC73HCH1H101J	CHIP C 100PF J		CN301			E41-2985-05	FLAT CABLE CONNECTOR	
C608			CK73HB1A104K	CHIP C 0.10UF K		CN401	*		E41-3061-05	PIN ASSY	K1K2M5
C609			CK73GB0J475K	CHIP C 4.7UF K		CN401	*		E41-3061-05	PIN ASSY	X3E1
C610			CK73HB1A104K	CHIP C 0.10UF K		CN402	*		E41-3064-05	SOCKET FOR PIN ASSY	E1
C612			CE32BF1C221M	CHIP EL 220UF 16WV		CN402	*		E41-3064-05	SOCKET FOR PIN ASSY	KR1M1
C615,616			CK73HB1A104K	CHIP C 0.10UF K		CN402	*		E41-3064-05	SOCKET FOR PIN ASSY	K2M5X3
C620			CK73FB0J106K	CHIP C 10UF K		CN402	*		E41-3064-05	SOCKET FOR PIN ASSY	M2X1K1
C622			CK73HB1A104K	CHIP C 0.10UF K		CN403	*		E41-3063-05	SOCKET FOR PIN ASSY	E1
C624,625			CK73HB1A104K	CHIP C 0.10UF K		CN403	*		E41-3063-05	SOCKET FOR PIN ASSY	KR1M1
C701			CK73HB1E103K	CHIP C 0.010UF K		CN403	*		E41-3063-05	SOCKET FOR PIN ASSY	K2M5X3
C704			CK73FB0J106K	CHIP C 10UF K		CN403	*		E41-3063-05	SOCKET FOR PIN ASSY	M2X1K1
C707			CK73FB0J106K	CHIP C 10UF K		CN404			E41-2735-05	PIN ASSY	
C708			CE32BQJ560M	CHIP EL 56UF 6.3WV		CN600	*		E41-2948-05	PIN ASSY	M1M2X1
C709			CK73FB0J106K	CHIP C 10UF K		CN700			E41-2979-05	FLAT CABLE CONNECTOR	
C712-714			CK73HB1A104K	CHIP C 0.10UF K		J401			E56-0809-15	CYLINDRICAL RECEPTACLE	KM1M2
C718,719			CK73HB1E103K	CHIP C 0.010UF K		J401			E56-0809-15	CYLINDRICAL RECEPTACLE	M3M4X1
C800-813			CK73HB1A104K	CHIP C 0.10UF K		J401			E56-0809-15	CYLINDRICAL RECEPTACLE	X2R1Q1
C814			CK73FB0J106K	CHIP C 10UF K		J402			E11-0625-05	PHONE JACK (LGY6502-0900)	E1
C815,816			CC73HCH1H470J	CHIP C 47PF J		J402			E11-0625-05	PHONE JACK (LGY6502-0900)	KR1M1
C817,818			CK73HB1A104K	CHIP C 0.10UF K		J402			E11-0625-05	PHONE JACK (LGY6502-0900)	K2M5X3
C819			CK73FB0J106K	CHIP C 10UF K		J402			E11-0625-05	PHONE JACK (LGY6502-0900)	M2X1K1
C820,821			CK73HB1A104K	CHIP C 0.10UF K		J500			E11-0625-05	PHONE JACK (LGY6502-0900)	
C822			CK73HB1E103K	CHIP C 0.010UF K		W600	2D	*	E30-6897-05	CORD WITH PLUG (USB)	
C823			CK73FB0J106K	CHIP C 10UF K							
C824			CK73HB1A104K	CHIP C 0.10UF K							
C825			CC73HCH1H150J	CHIP C 15PF J		365	2D		F09-2923-05	FAN	
C826			CK73HB1E103K	CHIP C 0.010UF K		F301		*	F53-0369-05	FUSE 1.6A	
C827			CK73HB1A104K	CHIP C 0.10UF K		F302		*	F53-0371-05	FUSE 2.5A	
C828			CC73HCH1H150J	CHIP C 15PF J							
C829-838			CK73HB1A104K	CHIP C 0.10UF K		L1			L33-2358-05	CHOKE COIL	
C839,840			CC73HCH1H100D	CHIP C 10PF D		L103			L33-2457-05	SMALL FIXED INDUCTOR	
C841-860			CK73HB1A104K	CHIP C 0.10UF K		L104		*	L33-2519-05	CHOKE COIL	
C870			CK73FB0J106K	CHIP C 10UF K		L107		*	L33-2519-05	CHOKE COIL	
C900,901			CK73HB1A104K	CHIP C 0.10UF K		L108			L33-2467-05	SMALL FIXED INDUCTOR	
C920-935			CK73HB1A104K	CHIP C 0.10UF K		L201,202			L92-0332-05	CHIP FERRITE	
						L301,302			L33-2457-05	SMALL FIXED INDUCTOR	
						L401			L92-0373-05	CHIP FERRITE	E1

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
L401			L92-0373-05	CHIP FERRITE	KR1M1	R44			RK73GB2A333J	CHIP R 33K J 1/10W	
L401			L92-0373-05	CHIP FERRITE	K2M5X3	R45			RK73GB2A224J	CHIP R 220K J 1/10W	
L401			L92-0373-05	CHIP FERRITE	M2X1K1	R46			RK73GB2A473J	CHIP R 47K J 1/10W	
L500			L41-1005-33	SMALL FIXED INDUCTOR (10U)		R52			RK73HB1J000J	CHIP R 0.0 J 1/16W	
L503			L92-0373-05	CHIP FERRITE		R59			RK73HB1J101J	CHIP R 100 J 1/16W	
L600			L92-0319-05	CHIP FERRITE		R61 -63			RK73HB1J101J	CHIP R 100 J 1/16W	
L604			L92-0641-05	FERRITE CORE		R64 -66			RK73HB1J000J	CHIP R 0.0 J 1/16W	M1M2X1
L606			L92-0641-05	FERRITE CORE		R64 -66			RK73HB1J000J	CHIP R 0.0 J 1/16W	Q1M3M4
L610			L92-0319-05	CHIP FERRITE		R64 -66			RK73HB1J000J	CHIP R 0.0 J 1/16W	X2E1M5
L700			L92-0373-05	CHIP FERRITE		R64 -66			RK73HB1J000J	CHIP R 0.0 J 1/16W	X3
L701			L33-2457-05	SMALL FIXED INDUCTOR		R65 ,66			RK73HB1J000J	CHIP R 0.0 J 1/16W	KR1K1
L800-809			L92-0373-05	CHIP FERRITE		R65 ,66			RK73HB1J000J	CHIP R 0.0 J 1/16W	K2
L920-922			L92-0373-05	CHIP FERRITE		R67 ,68			RK73HB1J103J	CHIP R 10K J 1/16W	
X201			L77-2975-05	CRYSTAL RESONATOR (11.0592MHZ)		R69			RK73HB1J100J	CHIP R 10 J 1/16W	
X202			L77-2921-15	CRYSTAL RESONATOR (32.768KHZ, 1		R71			RK73HB1J000J	CHIP R 0.0 J 1/16W	
X800			L77-2951-05	CRYSTAL RESONATOR (12.00MHZ)		R81 -86			RK73GB2A101J	CHIP R 100 J 1/10W	
X801			L77-2886-05	CRYSTAL RESONATOR (27.00MHZ)		R91 -93			RK73GB2A101J	CHIP R 100 J 1/10W	
X803		*	L77-3813-05	CRYSTAL RESONATOR (3225 24MHZ)		R95			RK73GB2A471J	CHIP R 470 J 1/10W	
Q	2D		N09-6498-05	MACHINE SCREW (M3.0X11)		R101,102			RK73GB2A100J	CHIP R 10 J 1/10W	
CP201-205			RK74HB1J101J	CHIP-COM 100 J 1/16W		R103,104			RK73GB2A000J	CHIP R 0.0 J 1/10W	
CP701			RK74HB1J101J	CHIP-COM 100 J 1/16W		R105,106			RK73EB2E100J	CHIP R 10 J 1/4W	
CP702			RK74HB1J103J	CHIP-COM 10K J 1/16W		R107		*	R92-5255-05	CHIP R 0.1 1/3W	
CP704			RK74HB1J101J	CHIP-COM 100 J 1/16W		R108		*	R92-5244-05	CHIP R 0.039 1/3W	
CP705			RK74HB1J103J	CHIP-COM 10K J 1/16W		R109		*	R92-5255-05	CHIP R 0.1 1/3W	
CP705			RK74HB1J103J	CHIP-COM 10K J 1/16W		R110		*	R92-5244-05	CHIP R 0.039 1/3W	
CP706-709			RK74HB1J101J	CHIP-COM 100 J 1/16W		R111,112			RK73GB2A000J	CHIP R 0.0 J 1/10W	
CP800-804			RK74HB1J220J	CHIP-COM 22 J 1/16W		R113			RK73GB2A333J	CHIP R 33K J 1/10W	
CP920-927			RK74HB1J220J	CHIP-COM 22 J 1/16W		R114			RK73GB2A683J	CHIP R 68K J 1/10W	
CP929-933			RK74HB1J220J	CHIP-COM 22 J 1/16W		R115			RK73GH2A561D	CHIP R 560 D 1/10W	
CP934,935			RK74HB1J331J	CHIP-COM 330 J 1/16W		R116			RK73GB2A000J	CHIP R 0.0 J 1/10W	
CP936-939			RK74HB1J220J	CHIP-COM 22 J 1/16W		R117			RK73GH2A561D	CHIP R 560 D 1/10W	
CP940-944			RK74HB1J331J	CHIP-COM 330 J 1/16W		R118			RK73GB2A000J	CHIP R 0.0 J 1/10W	
CP945-948			RK74HB1J220J	CHIP-COM 22 J 1/16W		R119,120			RK73GH2A561D	CHIP R 560 D 1/10W	
CP949-955			RK74HB1J331J	CHIP-COM 330 J 1/16W		R121,122			RK73GH2A333D	CHIP R 33K D 1/10W	
R1			RK73GH2A104D	CHIP R 100K D 1/10W		R123			RK73GH2A622D	CHIP R 6.2K D 1/10W	
R2			RK73GH2A513D	CHIP R 51K D 1/10W		R124			RK73GH2A562D	CHIP R 5.6K D 1/10W	
R3			RK73GH2A333D	CHIP R 33K D 1/10W		R125			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R4 ,5			RK73GB2A224J	CHIP R 220K J 1/10W		R126			RK73GH2A681D	CHIP R 680 D 1/10W	
R6			RK73GH2A113D	CHIP R 11K D 1/10W		R127			RK73GH2A912D	CHIP R 9.1K D 1/10W	
R7			RK73GH2A104D	CHIP R 100K D 1/10W		R128			RK73GB2A103J	CHIP R 10K J 1/10W	
R8			RK73GH2A683D	CHIP R 68K D 1/10W		R129			RK73FB2B2R2J	CHIP R 2.2 J 1/8W	
R9 ,10			RK73GH2A334D	CHIP R 330K D 1/10W		R130			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R11 ,12			RK73GB2A224J	CHIP R 220K J 1/10W		R135			RK73HB1J104J	CHIP R 100K J 1/16W	
R13			RK73GB2A000J	CHIP R 0.0 J 1/10W		R136			RK73GB2A100J	CHIP R 10 J 1/10W	
R14			RK73GB2A224J	CHIP R 220K J 1/10W		R141,142			RK73GB2A100J	CHIP R 10 J 1/10W	
R17			RK73GB2A000J	CHIP R 0.0 J 1/10W		R143,144			RK73GB2A2R2J	CHIP R 2.2 J 1/10W	
R21 ,22			RK73GB2A000J	CHIP R 0.0 J 1/10W		R145,146			RK73EB2E100J	CHIP R 10 J 1/4W	
R26 ,27			RK73GB2A000J	CHIP R 0.0 J 1/10W		R147-150		*	R92-5244-05	CHIP R 0.039 1/3W	
R31			RK73GB2A000J	CHIP R 0.0 J 1/10W		R151-154			RK73GB2A100J	CHIP R 10 J 1/10W	
R32			RK73GB2A473J	CHIP R 47K J 1/10W		R155,156			RK73GH2A333D	CHIP R 33K D 1/10W	
R33			RK73GB2A152J	CHIP R 1.5K J 1/10W		R157			RK73GH2A562D	CHIP R 5.6K D 1/10W	
R34 ,35			RK73GB2A000J	CHIP R 0.0 J 1/10W		R158			RK73GH2A103D	CHIP R 10K D 1/10W	
R41			RK73GB2A823J	CHIP R 82K J 1/10W		R159			RK73GH2A511D	CHIP R 510 D 1/10W	
R42			RK73GB2A103J	CHIP R 10K J 1/10W		R160			RK73GH2A561D	CHIP R 560 D 1/10W	
R43			RK73GB2A224J	CHIP R 220K J 1/10W		R161,162			RK73GB2A000J	CHIP R 0.0 J 1/10W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)

X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)

K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)

E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.



# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R163			RK73GB2A203J	CHIP R 20K J 1/10W		R247-249			RK73HB1J104J	CHIP R 100K J 1/16W	
R164			RK73GB2A153J	CHIP R 15K J 1/10W		R250			RK73HB1J103J	CHIP R 10K J 1/16W	
R165			RK73GB2A000J	CHIP R 0.0 J 1/10W		R251			RK73HB1J104J	CHIP R 100K J 1/16W	KR1Q1
R166			RK73FB2B2R2J	CHIP R 2.2 J 1/8W		R251			RK73HB1J104J	CHIP R 100K J 1/16W	K1K2E1
R167			RK73GB2A103J	CHIP R 10K J 1/10W		R251			RK73HB1J104J	CHIP R 100K J 1/16W	M3M4X2
R168			RK73GB2A000J	CHIP R 0.0 J 1/10W		R252			RK73HB1J104J	CHIP R 100K J 1/16W	M1M2X1
R169,170			RK73HB1J000J	CHIP R 0.0 J 1/16W		R252			RK73HB1J104J	CHIP R 100K J 1/16W	M5X3
R181-188			RK73GB2A000J	CHIP R 0.0 J 1/10W		R253			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R201			RK73HB1J101J	CHIP R 100 J 1/16W		R255,256			RK73HB1J101J	CHIP R 100 J 1/16W	
R202			RK73HB1J222J	CHIP R 2.2K J 1/16W		R257			RK73HB1J104J	CHIP R 100K J 1/16W	E1
R203			RK73HB1J101J	CHIP R 100 J 1/16W		R257			RK73HB1J104J	CHIP R 100K J 1/16W	KR1M1
R204			RK73HB1J104J	CHIP R 100K J 1/16W		R257			RK73HB1J104J	CHIP R 100K J 1/16W	K2M5X3
R205			RK73HB1J101J	CHIP R 100 J 1/16W		R257			RK73HB1J104J	CHIP R 100K J 1/16W	M2X1K1
R206			RK73HB1J104J	CHIP R 100K J 1/16W		R257,258			RK73HB1J104J	CHIP R 100K J 1/16W	Q1M3M4
R207			RK73HB1J101J	CHIP R 100 J 1/16W	Q1M3M4	R257,258			RK73HB1J104J	CHIP R 100K J 1/16W	X2
R207			RK73HB1J101J	CHIP R 100 J 1/16W	X2	R259			RK73HB1J104J	CHIP R 100K J 1/16W	E1
R207,208			RK73HB1J101J	CHIP R 100 J 1/16W	E1	R259			RK73HB1J104J	CHIP R 100K J 1/16W	KR1M1
R207,208			RK73HB1J101J	CHIP R 100 J 1/16W	KR1M1	R259			RK73HB1J104J	CHIP R 100K J 1/16W	K2M5X3
R207,208			RK73HB1J101J	CHIP R 100 J 1/16W	K2M5X3	R259			RK73HB1J104J	CHIP R 100K J 1/16W	M2X1K1
R207,208			RK73HB1J101J	CHIP R 100 J 1/16W	M2X1K1	R260			RK73HB1J103J	CHIP R 10K J 1/16W	
R209			RK73HB1J472J	CHIP R 4.7K J 1/16W	E1	R261			RK73HB1J104J	CHIP R 100K J 1/16W	Q1M3M4
R209			RK73HB1J472J	CHIP R 4.7K J 1/16W	KR1M1	R261			RK73HB1J104J	CHIP R 100K J 1/16W	X2
R209			RK73HB1J472J	CHIP R 4.7K J 1/16W	K2M5X3	R262			RK73HB1J104J	CHIP R 100K J 1/16W	E1
R209			RK73HB1J472J	CHIP R 4.7K J 1/16W	M2X1K1	R262			RK73HB1J104J	CHIP R 100K J 1/16W	KR1M1
R210			RK73HB1J101J	CHIP R 100 J 1/16W	E1	R262			RK73HB1J104J	CHIP R 100K J 1/16W	K2M5X3
R210			RK73HB1J101J	CHIP R 100 J 1/16W	KR1M1	R262			RK73HB1J104J	CHIP R 100K J 1/16W	M2X1K1
R210			RK73HB1J101J	CHIP R 100 J 1/16W	K2M5X3	R263			RK73HB1J101J	CHIP R 100 J 1/16W	
R210			RK73HB1J101J	CHIP R 100 J 1/16W	M2X1K1	R264			RK73HB1J104J	CHIP R 100K J 1/16W	
R211			RK73HB1J472J	CHIP R 4.7K J 1/16W	E1	R265			RK73HB1J101J	CHIP R 100 J 1/16W	
R211			RK73HB1J472J	CHIP R 4.7K J 1/16W	KR1M1	R267			RK73HB1J104J	CHIP R 100K J 1/16W	
R211			RK73HB1J472J	CHIP R 4.7K J 1/16W	K2M5X3	R269			RK73HB1J104J	CHIP R 100K J 1/16W	E1
R211			RK73HB1J472J	CHIP R 4.7K J 1/16W	M2X1K1	R269			RK73HB1J104J	CHIP R 100K J 1/16W	KR1M1
R215			RK73HB1J101J	CHIP R 100 J 1/16W		R269			RK73HB1J104J	CHIP R 100K J 1/16W	K2M5X3
R216			RK73HB1J104J	CHIP R 100K J 1/16W		R269			RK73HB1J104J	CHIP R 100K J 1/16W	M2X1K1
R217			RK73HB1J101J	CHIP R 100 J 1/16W		R269,270			RK73HB1J104J	CHIP R 100K J 1/16W	Q1M3M4
R218			RK73HB1J104J	CHIP R 100K J 1/16W		R269,270			RK73HB1J104J	CHIP R 100K J 1/16W	X2
R219			RK73HB1J101J	CHIP R 100 J 1/16W		R271,272			RK73HB1J104J	CHIP R 100K J 1/16W	E1
R220			RK73HB1J104J	CHIP R 100K J 1/16W		R271,272			RK73HB1J104J	CHIP R 100K J 1/16W	KR1M1
R221			RK73HB1J473J	CHIP R 47K J 1/16W		R271,272			RK73HB1J104J	CHIP R 100K J 1/16W	K2M5X3
R222			RK73HB1J000J	CHIP R 0.0 J 1/16W		R271,272			RK73HB1J104J	CHIP R 100K J 1/16W	M2X1K1
R223			RK73GB2A101J	CHIP R 100 J 1/10W		R272			RK73HB1J104J	CHIP R 100K J 1/16W	Q1M3M4
R224			RK73HB1J561J	CHIP R 560 J 1/16W		R272			RK73HB1J104J	CHIP R 100K J 1/16W	X2
R226			RK73HB1J473J	CHIP R 47K J 1/16W		R274			RK73HB1J101J	CHIP R 100 J 1/16W	
R227,228			RK73HB1J101J	CHIP R 100 J 1/16W		R275			RK73HB1J104J	CHIP R 100K J 1/16W	KR1Q1
R229			RK73HB1J104J	CHIP R 100K J 1/16W		R275			RK73HB1J104J	CHIP R 100K J 1/16W	K1K2
R230-232			RK73HB1J101J	CHIP R 100 J 1/16W		R275			RK73HB1J104J	CHIP R 100K J 1/16W	M3M4X2
R233			RK73HB1J104J	CHIP R 100K J 1/16W		R275,276			RK73HB1J104J	CHIP R 100K J 1/16W	E1M5X3
R234			RK73HB1J101J	CHIP R 100 J 1/16W		R275,276			RK73HB1J104J	CHIP R 100K J 1/16W	M1M2X1
R235			RK73HB1J104J	CHIP R 100K J 1/16W		R277			RK73HB1J104J	CHIP R 100K J 1/16W	KR1Q1
R236			RK73HB1J000J	CHIP R 0.0 J 1/16W		R277			RK73HB1J104J	CHIP R 100K J 1/16W	K1K2
R237			RK73HB1J101J	CHIP R 100 J 1/16W		R277			RK73HB1J104J	CHIP R 100K J 1/16W	M3M4X2
R239-243			RK73HB1J101J	CHIP R 100 J 1/16W		R279			RK73HB1J104J	CHIP R 100K J 1/16W	
R244			RK73HB1J472J	CHIP R 4.7K J 1/16W		R280			RK73HB1J101J	CHIP R 100 J 1/16W	
R245			RK73HB1J101J	CHIP R 100 J 1/16W		R281			RK73HB1J104J	CHIP R 100K J 1/16W	
R246			RK73HB1J472J	CHIP R 4.7K J 1/16W		R282			RK73HB1J101J	CHIP R 100 J 1/16W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	A	N	Parts No.	Description	Desti- nation	Ref. No.	A	N	Parts No.	Description	Desti- nation
	d	e					d	e			
R283			RK73HB1J104J	CHIP R 100K J 1/16W		R348			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R285			RK73HB1J101J	CHIP R 100 J 1/16W		R349			RK73GH2A101D	CHIP R 100 D 1/10W	
R286			RK73HB1J104J	CHIP R 100K J 1/16W		R350			RK73HB1J101J	CHIP R 100 J 1/16W	
R288			RK73HB1J104J	CHIP R 100K J 1/16W		R351			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R289			RK73HB1J101J	CHIP R 100 J 1/16W		R352			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R292			RK73HB1J101J	CHIP R 100 J 1/16W		R353			RK73HB1J473J	CHIP R 47K J 1/16W	
R293			RK73HB1J104J	CHIP R 100K J 1/16W		R355			RK73HB1J103J	CHIP R 10K J 1/16W	KR1Q1
R294			RK73HB1J101J	CHIP R 100 J 1/16W		R355			RK73HB1J103J	CHIP R 10K J 1/16W	K1K2
R295			RK73HB1J104J	CHIP R 100K J 1/16W		R355			RK73HB1J103J	CHIP R 10K J 1/16W	M3M4X2
R296			RK73HB1J101J	CHIP R 100 J 1/16W		R356			RK73HB1J000J	CHIP R 0.0 J 1/16W	KM1M2
R297			RK73HB1J104J	CHIP R 100K J 1/16W		R356			RK73HB1J000J	CHIP R 0.0 J 1/16W	M3M4X1
R298			RK73HB1J101J	CHIP R 100 J 1/16W		R356			RK73HB1J000J	CHIP R 0.0 J 1/16W	X2R1Q1
R299			RK73GB2A103J	CHIP R 10K J 1/10W	M4X2E1	R357			RK73HB1J104J	CHIP R 100K J 1/16W	K1K2M5
R299			RK73GB2A103J	CHIP R 10K J 1/10W	M5X3	R357			RK73HB1J104J	CHIP R 100K J 1/16W	X3E1
R299			RK73GB2A103J	CHIP R 10K J 1/10W	R1M1M2	R361-364			RK73HB1J101J	CHIP R 100 J 1/16W	
R299			RK73GB2A103J	CHIP R 10K J 1/10W	X1Q1M3	R366-374			RK73HB1J101J	CHIP R 100 J 1/16W	
R300			RK73GB2A103J	CHIP R 10K J 1/10W	KK1K2	R375,376			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R300			RK73GB2A153J	CHIP R 15K J 1/10W	M1M2M3	R377-379			RK73HB1J101J	CHIP R 100 J 1/16W	
R300			RK73GB2A153J	CHIP R 15K J 1/10W	M4M5	R381			RK73HB1J104J	CHIP R 100K J 1/16W	
R300			RK73GB2A242J	CHIP R 2.4K J 1/10W	E1	R382			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R300			RK73GB2A393J	CHIP R 39K J 1/10W	X1X2X3	R383-385			RK73HB1J104J	CHIP R 100K J 1/16W	
R300			RK73GB2A682J	CHIP R 6.8K J 1/10W	Q1	R386			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R301			RK73HB1J103J	CHIP R 10K J 1/16W	K1K2M5	R388			RK73HB1J101J	CHIP R 100 J 1/16W	
R301			RK73HB1J103J	CHIP R 10K J 1/16W	X3E1	R389			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R302			RK73HB1J103J	CHIP R 10K J 1/16W	KM1M2	R390-392			RK73HB1J470J	CHIP R 47 J 1/16W	K1K2M5
R302			RK73HB1J103J	CHIP R 10K J 1/16W	M3M4X1	R390-392			RK73HB1J470J	CHIP R 47 J 1/16W	X3E1
R302			RK73HB1J103J	CHIP R 10K J 1/16W	X2R1Q1	R390-394			RK73HB1J000J	CHIP R 0.0 J 1/16W	KM1M2
R303			RK73HB1J123J	CHIP R 12K J 1/16W		R390-394			RK73HB1J000J	CHIP R 0.0 J 1/16W	M3M4X1
R306			RK73HB1J223J	CHIP R 22K J 1/16W		R390-394			RK73HB1J000J	CHIP R 0.0 J 1/16W	X2R1Q1
R307			RK73HB1J101J	CHIP R 100 J 1/16W		R393,394			RK73HB1J000J	CHIP R 0.0 J 1/16W	K1K2M5
R308			RK73HB1J104J	CHIP R 100K J 1/16W		R393,394			RK73HB1J000J	CHIP R 0.0 J 1/16W	X3E1
R309,310			RK73HB1J101J	CHIP R 100 J 1/16W		R395,396			RK73HB1J104J	CHIP R 100K J 1/16W	
R313			RK73HB1J102J	CHIP R 1.0K J 1/16W		R401,402			RK73HB1J100J	CHIP R 10 J 1/16W	K1K2M5
R314			RK73HB1J222J	CHIP R 2.2K J 1/16W		R401,402			RK73HB1J100J	CHIP R 10 J 1/16W	X3E1
R316			RK73HB1J222J	CHIP R 2.2K J 1/16W		R403			RK73HB1J101J	CHIP R 100 J 1/16W	K1K2M5
R318			RK73HB1J101J	CHIP R 100 J 1/16W		R403			RK73HB1J101J	CHIP R 100 J 1/16W	X3E1
R321			RK73HB1J101J	CHIP R 100 J 1/16W		R404			RK73HB1J000J	CHIP R 0.0 J 1/16W	K1K2M5
R322			RK73HB1J222J	CHIP R 2.2K J 1/16W		R404			RK73HB1J000J	CHIP R 0.0 J 1/16W	X3E1
R323			RK73HB1J104J	CHIP R 100K J 1/16W		R405			RK73HB1J102J	CHIP R 1.0K J 1/16W	K1K2M5
R325			RK73HB1J101J	CHIP R 100 J 1/16W		R405			RK73HB1J102J	CHIP R 1.0K J 1/16W	X3E1
R326			RK73HB1J103J	CHIP R 10K J 1/16W		R406			RK73HB1J511J	CHIP R 510 J 1/16W	K1K2M5
R327			RK73GB2A000J	CHIP R 0.0 J 1/10W		R406			RK73HB1J511J	CHIP R 510 J 1/16W	X3E1
R328			RK73GH2A101D	CHIP R 100 D 1/10W		R407-409			RK73HB1J000J	CHIP R 0.0 J 1/16W	K1K2M5
R329			RK73HB1J104J	CHIP R 100K J 1/16W	KM1M2	R407-409			RK73HB1J000J	CHIP R 0.0 J 1/16W	X3E1
R329			RK73HB1J104J	CHIP R 100K J 1/16W	K1E1M5	R410,411			RK73HB1J100J	CHIP R 10 J 1/16W	K1K2M5
R329			RK73HB1J104J	CHIP R 100K J 1/16W	M3M4X1	R410,411			RK73HB1J100J	CHIP R 10 J 1/16W	X3E1
R329			RK73HB1J104J	CHIP R 100K J 1/16W	X2R1Q1	R412			RK73HB1J4R7J	CHIP R 4.7 J 1/16W	K1K2M5
R329			RK73HB1J104J	CHIP R 100K J 1/16W	X3	R412			RK73HB1J4R7J	CHIP R 4.7 J 1/16W	X3E1
R330			RK73HB1J104J	CHIP R 100K J 1/16W	K2	R413,414			RK73FB2B100J	CHIP R 10 J 1/8W	KM1M2
R331,332			RK73HB1J000J	CHIP R 0.0 J 1/16W		R413,414			RK73FB2B100J	CHIP R 10 J 1/8W	M3M4X1
R333,334			RK73HB1J101J	CHIP R 100 J 1/16W		R413,414			RK73FB2B100J	CHIP R 10 J 1/8W	X2R1Q1
R337,338			RK73HB1J103J	CHIP R 10K J 1/16W		R415			RK73FB2B4R7J	CHIP R 4.7 J 1/8W	KM1M2
R339,340			RK73HB1J473J	CHIP R 47K J 1/16W		R415			RK73FB2B4R7J	CHIP R 4.7 J 1/8W	M3M4X1
R341,342			RK73HB1J103J	CHIP R 10K J 1/16W		R415			RK73FB2B4R7J	CHIP R 4.7 J 1/8W	X2R1Q1
R346			RK73HB1J472J	CHIP R 4.7K J 1/16W		R416-418			RK73GB2A100J	CHIP R 10 J 1/10W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R419,420			RK73FB2B102J	CHIP R 1.0K J 1/8W	KM1M2	R504,505			RK73HB1J153J	CHIP R 15K J 1/16W	
R419,420			RK73FB2B102J	CHIP R 1.0K J 1/8W	M3M4X1	R506			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R419,420			RK73FB2B102J	CHIP R 1.0K J 1/8W	X2R1Q1	R507,508			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R421-424			RK73GB2A750J	CHIP R 75 J 1/10W	KM1M2	R510			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R421-424			RK73GB2A750J	CHIP R 75 J 1/10W	M3M4X1	R511,512			RK73HB1J153J	CHIP R 15K J 1/16W	
R421-424			RK73GB2A750J	CHIP R 75 J 1/10W	X2R1Q1	R513			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R425-428			RK73FB2B101J	CHIP R 100 J 1/8W	KM1M2	R514			RK73GH2A181D	CHIP R 180 D 1/10W	
R425-428			RK73FB2B101J	CHIP R 100 J 1/8W	M3M4X1	R516			RK73GB2A100J	CHIP R 10 J 1/10W	
R425-428			RK73FB2B101J	CHIP R 100 J 1/8W	X2R1Q1	R517			RK73GH2A751D	CHIP R 750 D 1/10W	
R429-432			RK73GB2A100J	CHIP R 10 J 1/10W	KM1M2	R518-520			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R429-432			RK73GB2A100J	CHIP R 10 J 1/10W	M3M4X1	R524,525			RK73HB1J101J	CHIP R 100 J 1/16W	
R429-432			RK73GB2A100J	CHIP R 10 J 1/10W	X2R1Q1	R526			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R433-435			RK73GH2A750D	CHIP R 75 D 1/10W	K1K2M5	R527			RK73EB2E151J	CHIP R 150 J 1/4W	
R433-435			RK73GH2A750D	CHIP R 75 D 1/10W	X3E1	R529			RK73GH2A162D	CHIP R 1.6K D 1/10W	
R436			RK73FB2B102J	CHIP R 1.0K J 1/8W	KM1M2	R530			RK73GH2A102D	CHIP R 1.0K D 1/10W	
R436			RK73FB2B102J	CHIP R 1.0K J 1/8W	M3M4X1	R533			RK73HB1J151J	CHIP R 150 J 1/16W	
R436			RK73FB2B102J	CHIP R 1.0K J 1/8W	X2R1Q1	R534			RK73GB2A2R2J	CHIP R 2.2 J 1/10W	
R437			RK73GB2A750J	CHIP R 75 J 1/10W	K1K2M5	R535			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R437			RK73GB2A750J	CHIP R 75 J 1/10W	X3E1	R536			RK73GH2A751D	CHIP R 750 D 1/10W	
R441,442			RK73HB1J000J	CHIP R 0.0 J 1/16W		R537			RK73GH2A332D	CHIP R 3.3K D 1/10W	
R443			RK73HB1J104J	CHIP R 100K J 1/16W		R539			RK73GB2A000J	CHIP R 0.0 J 1/10W	M1M2X1
R444			RK73HB1J000J	CHIP R 0.0 J 1/16W	KR1K1	R541			RK73GB2A000J	CHIP R 0.0 J 1/10W	M1M2X1
R444			RK73HB1J000J	CHIP R 0.0 J 1/16W	K2	R542			RK73GH2A242D	CHIP R 2.4K D 1/10W	M1M2X1
R445			RK73HB1J101J	CHIP R 100 J 1/16W		R543			RK73GH2A562D	CHIP R 5.6K D 1/10W	M1M2X1
R448			RK73HB1J000J	CHIP R 0.0 J 1/16W		R544			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R451,452			RK73FB2B101J	CHIP R 100 J 1/8W	E1	R546-551			RK73HB1J204J	CHIP R 200K J 1/16W	
R451,452			RK73FB2B101J	CHIP R 100 J 1/8W	KR1M1	R554,555			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R451,452			RK73FB2B101J	CHIP R 100 J 1/8W	K2M5X3	R600-603			RK73HB1J104J	CHIP R 100K J 1/16W	
R451,452			RK73FB2B101J	CHIP R 100 J 1/8W	M2X1K1	R604,605			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R453,454			RK73GB2A101J	CHIP R 100 J 1/10W	E1	R606,607			RK73HB1J103J	CHIP R 10K J 1/16W	
R453,454			RK73GB2A101J	CHIP R 100 J 1/10W	KR1M1	R608,609			RK73HB1J473J	CHIP R 47K J 1/16W	
R453,454			RK73GB2A101J	CHIP R 100 J 1/10W	K2M5X3	R612			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R453,454			RK73GB2A101J	CHIP R 100 J 1/10W	M2X1K1	R613			RK73HB1J223J	CHIP R 22K J 1/16W	
R455-458			RK73GB2A223J	CHIP R 22K J 1/10W	E1	R614			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R455-458			RK73GB2A223J	CHIP R 22K J 1/10W	KR1M1	R616			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R455-458			RK73GB2A223J	CHIP R 22K J 1/10W	K2M5X3	R617			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R455-462			RK73GB2A104J	CHIP R 100K J 1/10W	M2X1K1	R618			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R459-462			RK73GB2A104J	CHIP R 100K J 1/10W	E1	R619			RK73HB1J220J	CHIP R 22 J 1/16W	
R459-462			RK73GB2A104J	CHIP R 100K J 1/10W	KR1M1	R623			RK73HB1J220J	CHIP R 22 J 1/16W	
R459-462			RK73GB2A104J	CHIP R 100K J 1/10W	K2M5X3	R625			RK73HB1J473J	CHIP R 47K J 1/16W	
R459-462			RK73GB2A104J	CHIP R 100K J 1/10W	M2X1K1	R626			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R463			RK73HB1J102J	CHIP R 1.0K J 1/16W	E1	R627			RK73HB1J331J	CHIP R 330 J 1/16W	
R463			RK73HB1J102J	CHIP R 1.0K J 1/16W	KR1M1	R629			RK73HB1J103J	CHIP R 10K J 1/16W	
R463			RK73HB1J102J	CHIP R 1.0K J 1/16W	K2M5X3	R634			RK73EB2E000J	CHIP R 0.0 J 1/4W	
R463			RK73HB1J102J	CHIP R 1.0K J 1/16W	M2X1K1	R637			RK73EB2E000J	CHIP R 0.0 J 1/4W	
R464			RK73HB1J100J	CHIP R 10 J 1/16W	E1	R644			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R464			RK73HB1J100J	CHIP R 10 J 1/16W	KR1M1	R646,647			RK73HB1J000J	CHIP R 0.0 J 1/16W	M1M2X1
R464			RK73HB1J100J	CHIP R 10 J 1/16W	K2M5X3	R648			RK73HB1J000J	CHIP R 0.0 J 1/16W	K1K2E1
R464			RK73HB1J100J	CHIP R 10 J 1/16W	M2X1K1	R650			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R467,468			RK73HB1J473J	CHIP R 47K J 1/16W	E1	R652			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R467,468			RK73HB1J473J	CHIP R 47K J 1/16W	KR1M1	R655			RK73HB1J000J	CHIP R 0.0 J 1/16W	K1K2E1
R467,468			RK73HB1J473J	CHIP R 47K J 1/16W	K2M5X3	R656			RK73HB1J103J	CHIP R 10K J 1/16W	
R500-502			RK73HB1J101J	CHIP R 100 J 1/16W	M2X1K1	R673			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R503			RK73GB2A000J	CHIP R 0.0 J 1/10W		R700,701			RK73HB1J000J	CHIP R 0.0 J 1/16W	
						R703			RK73HB1J103J	CHIP R 10K J 1/16W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

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
R704,705			RK73HB1J000J	CHIP R 0.0 J 1/16W		R873			RK73GH2A820D	CHIP R 82 D 1/10W	
R707,708			RK73HB1J000J	CHIP R 0.0 J 1/16W		R874			RK73GH2A180D	CHIP R 18 D 1/10W	
R711			RK73HB1J000J	CHIP R 0.0 J 1/16W		R876			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R713			RK73HB1J000J	CHIP R 0.0 J 1/16W		R877			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R714			RK73HB1J103J	CHIP R 10K J 1/16W		R878			RK73GH2A820D	CHIP R 82 D 1/10W	
R715-718			RK73HB1J000J	CHIP R 0.0 J 1/16W		R879			RK73GH2A180D	CHIP R 18 D 1/10W	
R720,721			RK73HB1J103J	CHIP R 10K J 1/16W		R880			RK73HB1J223J	CHIP R 22K J 1/16W	
R760			RK73HB1J000J	CHIP R 0.0 J 1/16W		R881,882			RK73GH2A750D	CHIP R 75 D 1/10W	
R801,802			RK73HB1J000J	CHIP R 0.0 J 1/16W		R884,885			RK73GH2A750D	CHIP R 75 D 1/10W	
R803			RK73HB1J472J	CHIP R 4.7K J 1/16W		R887,888			RK73GH2A750D	CHIP R 75 D 1/10W	
R804			RK73HB1J103J	CHIP R 10K J 1/16W		R889			RK73HB1J220J	CHIP R 22 J 1/16W	
R805			RK73HB1J101J	CHIP R 100 J 1/16W		R890			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R806			RK73HB1J000J	CHIP R 0.0 J 1/16W		R891			RK73GH2A750D	CHIP R 75 D 1/10W	
R807			RK73HB1J101J	CHIP R 100 J 1/16W		R892			RK73HB1J220J	CHIP R 22 J 1/16W	
R808			RK73HB1J000J	CHIP R 0.0 J 1/16W		R893			RK73GH2A750D	CHIP R 75 D 1/10W	
R809			RK73GB2A000J	CHIP R 0.0 J 1/10W		R894,895			RK73HB1J220J	CHIP R 22 J 1/16W	
R810			RK73HB1J101J	CHIP R 100 J 1/16W		R896			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R812-815			RK73HB1J101J	CHIP R 100 J 1/16W		R897			RK73HB1J152J	CHIP R 1.5K J 1/16W	
R818			RK73HB1J103J	CHIP R 10K J 1/16W		R898			RK73HB1J473J	CHIP R 47K J 1/16W	
R821-823			RK73HB1J103J	CHIP R 10K J 1/16W		R899			RK73HB1J152J	CHIP R 1.5K J 1/16W	
R825			RK73HB1J332J	CHIP R 3.3K J 1/16W		R900			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R826			RK73HB1J220J	CHIP R 22 J 1/16W		R901			RK73HB1J105J	CHIP R 1.0M J 1/16W	
R827			RK73HB1J103J	CHIP R 10K J 1/16W		R902			RK73HB1J220J	CHIP R 22 J 1/16W	
R828			RK73HB1J102J	CHIP R 1.0K J 1/16W		R903			RK73HB1J222J	CHIP R 2.2K J 1/16W	
R829			RK73HB1J332J	CHIP R 3.3K J 1/16W		R904			RK73HB1J103J	CHIP R 10K J 1/16W	
R832,833			RK73HB1J000J	CHIP R 0.0 J 1/16W		R905			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R834			RK73HB1J101J	CHIP R 100 J 1/16W		R907			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R836,837			RK73HB1J101J	CHIP R 100 J 1/16W		R908			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R838			RK73HB1J102J	CHIP R 1.0K J 1/16W		R909			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R839			RK73HB1J101J	CHIP R 100 J 1/16W		R910			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R840			RK73HB1J220J	CHIP R 22 J 1/16W		R911			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R841			RK73HB1J103J	CHIP R 10K J 1/16W		R912			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R844			RK73HB1J103J	CHIP R 10K J 1/16W		R913,914			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R846			RK73HB1J220J	CHIP R 22 J 1/16W	KR1Q1	R920-927			RK73HB1J220J	CHIP R 22 J 1/16W	
R846			RK73HB1J220J	CHIP R 22 J 1/16W	K1K2	R932-939			RK73HB1J331J	CHIP R 330 J 1/16W	
R846			RK73HB1J220J	CHIP R 22 J 1/16W	M3M4X2	R940-945			RK73HB1J220J	CHIP R 22 J 1/16W	
R848			RK73HB1J000J	CHIP R 0.0 J 1/16W	KR1Q1	R946			RK73HB1J100J	CHIP R 10 J 1/16W	
R848			RK73HB1J000J	CHIP R 0.0 J 1/16W	K1K2	R950,951			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R848			RK73HB1J000J	CHIP R 0.0 J 1/16W	M3M4X2	R952	*		RK74HB1J000J	CHIP-COM 0.0 J 1/16W	
R849			RK73HB1J220J	CHIP R 22 J 1/16W		R992			RK73HB1J101J	CHIP R 100 J 1/16W	
R850			RK73FB2B000J	CHIP R 0.0 J 1/8W		R994			RK73HB1J105J	CHIP R 1.0M J 1/16W	
R851			RK73HB1J220J	CHIP R 22 J 1/16W	E1M5X3	R995			RK73HH1J123D	CHIP R 12K D 1/16W	
R851			RK73HB1J220J	CHIP R 22 J 1/16W	M1M2X1	R996			RK73EB2E000J	CHIP R 0.0 J 1/4W	
R851,852			RK73HB1J220J	CHIP R 22 J 1/16W	KR1Q1	D2			1SS355	DIODE	
R851,852			RK73HB1J220J	CHIP R 22 J 1/16W	K1K2	D101-104			1SS357-F	DIODE	
R851,852			RK73HB1J220J	CHIP R 22 J 1/16W	M3M4X2	D201			1SS355	DIODE	KR1Q1
R855			RK73HB1J103J	CHIP R 10K J 1/16W		D201			1SS355	DIODE	K1K2
R858			RK73HB1J103J	CHIP R 10K J 1/16W		D201			1SS355	DIODE	M3M4X2
R860			RK73HB1J103J	CHIP R 10K J 1/16W		D402-404			CVS10A180M	VARIATOR	KM1M2
R862			RK73HB1J220J	CHIP R 22 J 1/16W		D402-404			CVS10A180M	VARIATOR	M3M4X1
R863			RK73HB1J103J	CHIP R 10K J 1/16W		D402-404			CVS10A180M	VARIATOR	X2R1Q1
R864,865			RK73HB1J220J	CHIP R 22 J 1/16W		D405-408			CVL10C270M300	VARIATOR	KM1M2
R866-869			RK73HB1J103J	CHIP R 10K J 1/16W		D405-408			CVL10C270M300	VARIATOR	M3M4X1
R870			RK73GH2A622D	CHIP R 6.2K D 1/10W		D405-408			CVL10C270M300	VARIATOR	X2R1Q1
R871,872			RK73HB1J332J	CHIP R 3.3K J 1/16W		D405-408			CVL10C270M300	VARIATOR	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.



# PARTS LIST

The IC101,102 and IC801 in the Video control unit (X15-123/134) are not replaceable components. When these ICs are defective, replace the whole Video control unit (X15-123/134).

## VIDEO CONTROL UNIT (X15-123x/134x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
D409-411			UDZW6.2(B)	ZENER DIODE	KM1M2	IC607			MF1341S2162	MICROPROCESSOR IC	
D409-411			UDZW6.2(B)	ZENER DIODE	M3M4X1	IC703		*	GL128P90TF6B4	ROM IC	
D409-411			UDZW6.2(B)	ZENER DIODE	X2R1Q1	IC704,705			74AHC1GU04GW	MOS-IC	
D461,462			CVS10A120M	VARISTOR	E1	IC800		*	FM24C64-G	FERAM IC	
D461,462			CVS10A120M	VARISTOR	KR1M1	IC801		*	-	MICROPROCESSOR IC	
D461,462			CVS10A120M	VARISTOR	K2M5X3	IC920			BD3533FVM	ANALOGUE IC	
D461,462			CVS10A120M	VARISTOR	M2X1K1	IC921,922		*	HY5D561622FT3	DRAM IC	
D463			UDZW3.9(B)	ZENER DIODE	E1	IC923		*	USB2513I-AEZG	MOS-IC	
D463			UDZW3.9(B)	ZENER DIODE	KR1M1	Q1			2SC4081	TRANSISTOR	
D463			UDZW3.9(B)	ZENER DIODE	K2M5X3	Q2			2SA1576A	TRANSISTOR	
D463			UDZW3.9(B)	ZENER DIODE	M2X1K1	Q3			DTA114TUA	DIGITAL TRANSISTOR	
D502			CVL10C270M300	VARISTOR		Q4			DTC114YUA	DIGITAL TRANSISTOR	
IC1			XC6201P502PR	ANALOGUE IC		Q5			2SC4081	TRANSISTOR	
IC2			R1114N331B-TR	ANALOGUE IC (3.3V LF)		Q6			2SA1576A	TRANSISTOR	
IC5			NJM4565V-ZB	ANALOGUE IC		Q7			2SC4081	TRANSISTOR	
IC101		*	-	ANALOGUE IC		Q8			DTA114EUA	DIGITAL TRANSISTOR	
IC102		*	-	ANALOGUE IC		Q9			DTC144EUA	DIGITAL TRANSISTOR	
IC103			74AHC1GU04GW	MOS-IC		Q10			2SB1689	TRANSISTOR	
IC201		*	30878MJBA35GP	MICROCONTROLLER IC		Q11			DTC144EUA	DIGITAL TRANSISTOR	
IC202			S-80835CNNB-G	MOS-IC		Q14			DTC144EUA	DIGITAL TRANSISTOR	
IC203		*	W05-1506-00	ROM IC (K)	KK1K2	Q15,16			2SA1576A	TRANSISTOR	
IC203		*	W05-1507-00	ROM IC (E)	E1M2M4	Q17			TPC8110-F	FET	
IC203		*	W05-1508-00	ROM IC (M)	M1M3M5	Q18			DTC144EUA	DIGITAL TRANSISTOR	
IC203		*	W05-1509-00	ROM IC (X)	X1X2X3	Q91			DTC143ZUA	DIGITAL TRANSISTOR	
IC203		*	W05-1509-00	ROM IC (R)	R1	Q101,102			HAT2218R-E	DUAL FET	
IC203		*	W05-1510-00	ROM IC (Q)	Q1	Q103,104			DTC144EUA	DIGITAL TRANSISTOR	
IC203		*	W05-1511-00	ROM IC (V)	V	Q105			DTC114YUA	DIGITAL TRANSISTOR	
IC205			74AHCT1G08GW	MOS-IC	K1K2M5	Q107,108			HAT2218R-E	DUAL FET	
IC205			74AHCT1G08GW	MOS-IC	X3E1	Q201			2SA1576A	TRANSISTOR	
IC207,208			74AHCT1G08GW	MOS-IC		Q202			DTC144EUA	DIGITAL TRANSISTOR	
IC209,210			74LVC3G34DP	MOS-IC		Q203,204			2SA1576A	TRANSISTOR	
IC301			TC7SH125FU-F	MOS-IC		Q206,207			DTA114YUA	DIGITAL TRANSISTOR	KR1Q1
IC302			TC7W02FU-F	MOS-IC		Q206,207			DTA114YUA	DIGITAL TRANSISTOR	K1K2
IC303			TC7SH02FU-F	MOS-IC		Q206,207			DTA114YUA	DIGITAL TRANSISTOR	M3M4X2
IC401			74AHCT1G08GW	MOS-IC		Q207			DTA114YUA	DIGITAL TRANSISTOR	E1M5X3
IC403			74AHC2G126DP	MOS-IC	E1	Q207			DTA114YUA	DIGITAL TRANSISTOR	M1M2X1
IC403			74AHC2G126DP	MOS-IC	KR1M1	Q500			2SB1184	TRANSISTOR	
IC403			74AHC2G126DP	MOS-IC	K2M5X3	Q501			2SC4081	TRANSISTOR	
IC403			74AHC2G126DP	MOS-IC	M2X1K1	Q504			2SC4081	TRANSISTOR	
IC404			NJM4565V-ZB	ANALOGUE IC	E1	Q505			2SA1576A	TRANSISTOR	
IC404			NJM4565V-ZB	ANALOGUE IC	KR1M1	<b>SWITCH UNIT (X16-6560-10)</b>					
IC404			NJM4565V-ZB	ANALOGUE IC	K2M5X3	D1			B30-1566-05	LED (1608,RED)	
IC500			PCM1754DB	MOS-IC	M2X1K1	D4			B30-1784-05	LED (RGB SIDE)	
IC501		*	NJM2516VC3-ZB	ANALOGUE IC		D6			B30-1784-05	LED (RGB SIDE)	
IC502		*	NJM2561F1-ZB	ANALOGUE IC		CN1		*	E41-3101-05	FLAT CABLE CONNECTOR	
IC503			NJM4565V-ZB	ANALOGUE IC		R2			RK73GB2A242J	CHIP R 2.4K J 1/10W	
IC504		*	R1173S001D-F	ANALOGUE IC (LDO ADJ)		R3			RK73GB2A362J	CHIP R 3.6K J 1/10W	
IC505		*	XC6201P502MR	ANALOGUE IC		R5			RK73GB2A622J	CHIP R 6.2K J 1/10W	
IC506		*	R1173S001D-F	ANALOGUE IC (LDO ADJ)	KR1Q1	R6			RK73GB2A123J	CHIP R 12K J 1/10W	
IC506		*	R1173S001D-F	ANALOGUE IC (LDO ADJ)		R7			RK73GB2A363J	CHIP R 36K J 1/10W	
IC506		*	R1173S001D-F	ANALOGUE IC (LDO ADJ)	K1K2M5	S1 -9			S70-0948-05	TACT SWITCH	
IC506		*	R1173S001D-F	ANALOGUE IC (LDO ADJ)	M3M4X2	D2 ,3			CVS10A120M	VARISTOR	
IC506,507		*	R1173S001D-F	ANALOGUE IC (LDO ADJ)	X3E1	D5		*	MKZM120HGL	ZENER DIODE	
IC605			MIC2005-08YM6	MOS-IC	M1M2X1						

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

The IC1 in the Sub-circuit unit (X16-6590-2x) are not replaceable components. When these ICs are defective, replace the whole Sub-circuit unit (X16-6590-2x).

## SWITCH UNIT (X16-6560-10)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
D7 IC1			CVS10A120M PIC95603	VARISTOR ANALOGUE IC	
<b>SUB-CIRCUIT UNIT (X16-6590-2x)</b>					
C1			CK73GB1A105K	CHIP C 1.0UF K	M5X3
C2			CK73GB1H103K	CHIP C 0.010UF K	M5X3
C3			CK73GB1A105K	CHIP C 1.0UF K	M5X3
C4			CK73GB0J475K	CHIP C 4.7UF K	M1M2X1
C5			CK73GB1A105K	CHIP C 1.0UF K	M1M2X1
C6			CK73GB1H104K	CHIP C 0.10UF K	M1M2X1
C7 ,8			CC73GCH1H150J	CHIP C 15PF J	M1M2X1
C9 -11			CK73GB1H104K	CHIP C 0.10UF K	M1M2X1
C12			CK73GB0J475K	CHIP C 4.7UF K	M1M2X1
C13			CK73GB1A105K	CHIP C 1.0UF K	M1M2X1
C14 -17			CK73GB1H104K	CHIP C 0.10UF K	M1M2X1
CN1		*	E41-2451-15	FLAT CABLE CONNECTOR	M5X3
CN2			E41-2806-05	PIN ASSY	M1M2X1
J1			E68-0025-05	JACK (SD CARD SLOT)	M1M2X1
J1			E68-0025-05	JACK (SD CARD SLOT)	M5X3
X1			L77-2943-05	CRYSTAL RESONATOR (24.000MHZ)	M1M2X1
R1			RK73GB2A103J	CHIP R 10K J 1/10W	M5X3
R2			RK73GB2A224J	CHIP R 220K J 1/10W	M5X3
R3 ,4			RK73GB2A102J	CHIP R 1.0K J 1/10W	M1M2X1
R5			RK73GB2A222J	CHIP R 2.2K J 1/10W	M1M2X1
R6 -11			RK73GB2A000J	CHIP R 0.0 J 1/10W	M1M2X1
R12			RK73GB2A104J	CHIP R 100K J 1/10W	M1M2X1
R13 ,14			RK73GB2A102J	CHIP R 1.0K J 1/10W	M1M2X1
R15			RK73GB2A000J	CHIP R 0.0 J 1/10W	M1M2X1
R16 -19			RK73GB2A102J	CHIP R 1.0K J 1/10W	M1M2X1
R20			RK73GH2A123D	CHIP R 12K D 1/10W	M1M2X1
R21			RK73GB2A105J	CHIP R 1.0M J 1/10W	M1M2X1
R22 ,23			RK73GB2A102J	CHIP R 1.0K J 1/10W	M1M2X1
R24 ,25			RK73GB2A000J	CHIP R 0.0 J 1/10W	M1M2X1
IC1		*	-	MOS-IC	M1M2X1
Q1			RTQ025P02	FET	M5X3
<b>CONTROL CIRCUIT UNIT (X29-4490-xx)</b>					
C1			CK73GB1H103K	CHIP C 0.010UF K	
C11			CK73FB1C105K	CHIP C 1.0UF K	
C14			CK73FB1C106K	CHIP C 10UF K	
C15			CK73FB1C105K	CHIP C 1.0UF K	
C16			CE32BJ1C100M	CHIP EL 10UF 16WV	
C17			CK73GB1H102K	CHIP C 1000PF K	
C18 ,19			CK73GB1H104K	CHIP C 0.10UF K	
C20			CK73GB1H102K	CHIP C 1000PF K	
C21			CE32BJ1C100M	CHIP EL 10UF 16WV	
C24			CD04AT0J331M	ELECTRO 330UF 6.3WV	
C27 -29			CK73GB1H104K	CHIP C 0.10UF K	
C100-102			CK73GB1H104K	CHIP C 0.10UF K	
C104			CE32BJ1C100M	CHIP EL 10UF 16WV	
C107,108			CK73GB1H102K	CHIP C 1000PF K	
C110			CE32BJ1C100M	CHIP EL 10UF 16WV	
C114			CE32BJ1C100M	CHIP EL 10UF 16WV	
C116			CK73GB1H102K	CHIP C 1000PF K	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
C118			CK73GB1H102K	CHIP C 1000PF K	
C120			CE32BJ1C100M	CHIP EL 10UF 16WV	
C124			CK73EB1C106K	CHIP C 10UF K	
C125			CK73GB1H102K	CHIP C 1000PF K	
C128			CK73GB1H102K	CHIP C 1000PF K	
C130			CK73EB1C106K	CHIP C 10UF K	
C200			CK73GB1H473K	CHIP C 0.047UF K	E1
C200			CK73GB1H473K	CHIP C 0.047UF K	KR1M1
C200			CK73GB1H473K	CHIP C 0.047UF K	K2M5X3
C200			CK73GB1H473K	CHIP C 0.047UF K	M2X1K1
C201			CK73EB1E105K	CHIP C 1.0UF K	E1
C201			CK73EB1E105K	CHIP C 1.0UF K	KR1M1
C201			CK73EB1E105K	CHIP C 1.0UF K	K2M5X3
C201			CK73EB1E105K	CHIP C 1.0UF K	M2X1K1
C201			CK73EB1E105K	CHIP C 1.0UF K	E1
C202			CK73GB1H473K	CHIP C 0.047UF K	KR1M1
C202			CK73GB1H473K	CHIP C 0.047UF K	K2M5X3
C202			CK73GB1H473K	CHIP C 0.047UF K	M2X1K1
C203			CK73EB1E105K	CHIP C 1.0UF K	E1
C203			CK73EB1E105K	CHIP C 1.0UF K	KR1M1
C203			CK73EB1E105K	CHIP C 1.0UF K	K2M5X3
C203			CK73EB1E105K	CHIP C 1.0UF K	M2X1K1
CN1			E41-2959-05	PIN ASSY	
CN100			E41-2964-05	PIN ASSY	
CN300			E41-2980-05	FLAT CABLE CONNECTOR	
CN302			E40-6469-05	PIN ASSY	
J200			E58-1067-05	RECTANGULAR RECEPTACLE	E1
J200			E58-1067-05	RECTANGULAR RECEPTACLE	KR1M1
J200			E58-1067-05	RECTANGULAR RECEPTACLE	K2M5X3
J200			E58-1067-05	RECTANGULAR RECEPTACLE	M2X1K1
WH1		2C	E39-0985-15	WIRING HARNESS	
R4			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R9			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R10			RK73EB2E100J	CHIP R 10 J 1/4W	
R11			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R14			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R15			RK73EB2E100J	CHIP R 10 J 1/4W	
R19			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R20			RK73GB2A750J	CHIP R 75 J 1/10W	
R22			RK73GH2A750D	CHIP R 75 D 1/10W	
R25			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R30			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R40			RK73EB2E332J	CHIP R 3.3K J 1/4W	
R41			RK73EB2E162J	CHIP R 1.6K J 1/4W	
R43			RK73EB2E332J	CHIP R 3.3K J 1/4W	
R46			RK73FB2B101J	CHIP R 100 J 1/8W	
R47			RK73GB2A471J	CHIP R 470 J 1/10W	
R48			RK73EB2E750J	CHIP R 75 J 1/4W	
R49			RK73GB2A223J	CHIP R 22K J 1/10W	
R51			RK73GB2A223J	CHIP R 22K J 1/10W	
R53			RK73FB2B101J	CHIP R 100 J 1/8W	
R54			RK73GB2A471J	CHIP R 470 J 1/10W	
R55 ,56			RK73GB2A103J	CHIP R 10K J 1/10W	
R102			RK73EB2E101J	CHIP R 100 J 1/4W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.



# PARTS LIST

## CONTROL CIRCUIT UNIT (X29-4490-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R103			RK73GB2A471J	CHIP R 470 J 1/10W		R210			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1
R106			RK73GB2A223J	CHIP R 22K J 1/10W		R210			RK73GB2A473J	CHIP R 47K J 1/10W	K2M5X3
R109			RK73GB2A223J	CHIP R 22K J 1/10W		R210			RK73GB2A473J	CHIP R 47K J 1/10W	M2X1K1
R113			RK73GB2A471J	CHIP R 470 J 1/10W		R211			RK73FB2B472J	CHIP R 4.7K J 1/8W	E1
R117			RK73EB2E101J	CHIP R 100 J 1/4W		R211			RK73FB2B472J	CHIP R 4.7K J 1/8W	KR1M1
R119			RK73EB2E101J	CHIP R 100 J 1/4W		R211			RK73FB2B472J	CHIP R 4.7K J 1/8W	K2M5X3
R120			RK73GB2A471J	CHIP R 470 J 1/10W		R211			RK73FB2B472J	CHIP R 4.7K J 1/8W	M2X1K1
R125			RK73GB2A223J	CHIP R 22K J 1/10W		R211			RK73GB2A472J	CHIP R 4.7K J 1/10W	E1
R129			RK73GB2A223J	CHIP R 22K J 1/10W		R212			RK73GB2A472J	CHIP R 4.7K J 1/10W	KR1M1
R132			RK73GB2A000J	CHIP R 0.0 J 1/10W		R212			RK73GB2A472J	CHIP R 4.7K J 1/10W	K2M5X3
R133			RK73GB2A471J	CHIP R 470 J 1/10W		R212			RK73GB2A472J	CHIP R 4.7K J 1/10W	M2X1K1
R134			RK73EB2E101J	CHIP R 100 J 1/4W		R213			RK73GB2A473J	CHIP R 47K J 1/10W	E1
R138			RK73EB2E101J	CHIP R 100 J 1/4W		R213			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1
R139			RK73GB2A471J	CHIP R 470 J 1/10W		R213			RK73GB2A473J	CHIP R 47K J 1/10W	K2M5X3
R141			RK73GB2A223J	CHIP R 22K J 1/10W		R213			RK73GB2A473J	CHIP R 47K J 1/10W	M2X1K1
R146			RK73GB2A223J	CHIP R 22K J 1/10W		R214			RK73EB2E152J	CHIP R 1.5K J 1/4W	E1
R149			RK73GB2A471J	CHIP R 470 J 1/10W		R214			RK73EB2E152J	CHIP R 1.5K J 1/4W	KR1M1
R150			RK73EB2E101J	CHIP R 100 J 1/4W		R214			RK73EB2E152J	CHIP R 1.5K J 1/4W	K2M5X3
R200			RK73GB2A472J	CHIP R 4.7K J 1/10W	E1	R214			RK73EB2E152J	CHIP R 1.5K J 1/4W	M2X1K1
R200			RK73GB2A472J	CHIP R 4.7K J 1/10W	KR1M1	R215			RK73GB2A473J	CHIP R 47K J 1/10W	E1
R200			RK73GB2A472J	CHIP R 4.7K J 1/10W	K2M5X3	R215			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1
R200			RK73GB2A472J	CHIP R 4.7K J 1/10W	M2X1K1	R215			RK73GB2A473J	CHIP R 47K J 1/10W	K2M5X3
R201			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1	R215			RK73GB2A473J	CHIP R 47K J 1/10W	M2X1K1
R201			RK73GB2A473J	CHIP R 47K J 1/10W	K2M5X3	R216			RK73GB2A621J	CHIP R 620 J 1/10W	E1
R201			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1	R216			RK73GB2A621J	CHIP R 620 J 1/10W	KR1M1
R201			RK73GB2A473J	CHIP R 47K J 1/10W	M2X1K1	R216			RK73GB2A621J	CHIP R 620 J 1/10W	K2M5X3
R202			RK73EB2E152J	CHIP R 1.5K J 1/4W	E1	R216			RK73GB2A621J	CHIP R 620 J 1/10W	M2X1K1
R202			RK73EB2E152J	CHIP R 1.5K J 1/4W	KR1M1	R217			RK73GB2A242J	CHIP R 2.4K J 1/10W	E1
R202			RK73EB2E152J	CHIP R 1.5K J 1/4W	K2M5X3	R217			RK73GB2A242J	CHIP R 2.4K J 1/10W	KR1M1
R202			RK73EB2E152J	CHIP R 1.5K J 1/4W	M2X1K1	R217			RK73GB2A242J	CHIP R 2.4K J 1/10W	K2M5X3
R203			RK73GB2A473J	CHIP R 47K J 1/10W	E1	R217			RK73GB2A242J	CHIP R 2.4K J 1/10W	M2X1K1
R203			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1	R218,219			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	E1
R203			RK73GB2A473J	CHIP R 47K J 1/10W	K2M5X3	R218,219			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	KR1M1
R203			RK73GB2A473J	CHIP R 47K J 1/10W	M2X1K1	R218,219			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	K2M5X3
R204			RK73GB2A621J	CHIP R 620 J 1/10W	E1	R218,219			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	M2X1K1
R204			RK73GB2A621J	CHIP R 620 J 1/10W	KR1M1	R220			RK73GB2A124J	CHIP R 120K J 1/10W	E1
R204			RK73GB2A621J	CHIP R 620 J 1/10W	K2M5X3	R220			RK73GB2A124J	CHIP R 120K J 1/10W	KR1M1
R204			RK73GB2A621J	CHIP R 620 J 1/10W	M2X1K1	R220			RK73GB2A124J	CHIP R 120K J 1/10W	K2M5X3
R205			RK73GB2A242J	CHIP R 2.4K J 1/10W	E1	R220			RK73GB2A124J	CHIP R 120K J 1/10W	M2X1K1
R205			RK73GB2A242J	CHIP R 2.4K J 1/10W	KR1M1	R221			RK73GB2A103J	CHIP R 10K J 1/10W	E1
R205			RK73GB2A242J	CHIP R 2.4K J 1/10W	K2M5X3	R221			RK73GB2A103J	CHIP R 10K J 1/10W	KR1M1
R205			RK73GB2A242J	CHIP R 2.4K J 1/10W	M2X1K1	R221			RK73GB2A103J	CHIP R 10K J 1/10W	K2M5X3
R206,207			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	E1	R221			RK73GB2A103J	CHIP R 10K J 1/10W	M2X1K1
R206,207			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	KR1M1	R222			RK73GB2A473J	CHIP R 47K J 1/10W	E1
R206,207			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	K2M5X3	R222			RK73GB2A473J	CHIP R 47K J 1/10W	KR1M1
R206,207			RK73PB2H2R0J	CHIP R 2.0 J 1/2W	M2X1K1	R222			RK73GB2A473J	CHIP R 47K J 1/10W	K2M5X3
R208			RK73GB2A124J	CHIP R 120K J 1/10W	E1	R222			RK73GB2A473J	CHIP R 47K J 1/10W	M2X1K1
R208			RK73GB2A124J	CHIP R 120K J 1/10W	KR1M1	R223			RK73FB2B472J	CHIP R 4.7K J 1/8W	E1
R208			RK73GB2A124J	CHIP R 120K J 1/10W	K2M5X3	R223			RK73FB2B472J	CHIP R 4.7K J 1/8W	KR1M1
R208			RK73GB2A124J	CHIP R 120K J 1/10W	M2X1K1	R223			RK73FB2B472J	CHIP R 4.7K J 1/8W	K2M5X3
R209			RK73GB2A103J	CHIP R 10K J 1/10W	E1	R223			RK73FB2B472J	CHIP R 4.7K J 1/8W	M2X1K1
R209			RK73GB2A103J	CHIP R 10K J 1/10W	KR1M1	R300			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R209			RK73GB2A103J	CHIP R 10K J 1/10W	K2M5X3	D1			STZ6.2N	ZENER DIODE	
R209			RK73GB2A103J	CHIP R 10K J 1/10W	M2X1K1	D3			STZ6.2N	ZENER DIODE	
R210			RK73GB2A473J	CHIP R 47K J 1/10W	E1						

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## CONTROL CIRCUIT UNIT (X29-4490-xx)

Ref. No.	Ad	New	Parts No.	Description	Destination
D4			UDZW6.8(B)	ZENER DIODE	
D5			UDZW6.2(B)	ZENER DIODE	
D6			UDZW6.8(B)	ZENER DIODE	
D10			AVRM16270MAAB	VARIATOR	
D12,13			AVRM16270MAAB	VARIATOR	
D14,15			AVRM16180M6AB	VARIATOR	
D16,17			DAP202U	DIODE	
D18			STZ6.2N	ZENER DIODE	
D100-105			AVRM16180M6AB	VARIATOR	
D106-110			DAP202U	DIODE	
D200-203			1SR154-400	DIODE	E1
D200-203			1SR154-400	DIODE	KR1M1
D200-203			1SR154-400	DIODE	K2M5X3
D200-203			1SR154-400	DIODE	M2X1K1
D307-309			CVS10A120M	VARIATOR	
Q4			DTC143TUA	DIGITAL TRANSISTOR	
Q5			DTA144EUA	DIGITAL TRANSISTOR	
Q6			DTC143TUA	DIGITAL TRANSISTOR	
Q100			DTC143TUA	DIGITAL TRANSISTOR	
Q101			DTA144EUA	DIGITAL TRANSISTOR	
Q102-105			DTC143TUA	DIGITAL TRANSISTOR	
Q106			DTA144EUA	DIGITAL TRANSISTOR	
Q107			DTC143TUA	DIGITAL TRANSISTOR	
Q200			DTC114TUA	DIGITAL TRANSISTOR	E1
Q200			DTC114TUA	DIGITAL TRANSISTOR	KR1M1
Q200			DTC114TUA	DIGITAL TRANSISTOR	K2M5X3
Q200			DTC114TUA	DIGITAL TRANSISTOR	M2X1K1
Q201			2SC4081	TRANSISTOR	E1
Q201			2SC4081	TRANSISTOR	KR1M1
Q201			2SC4081	TRANSISTOR	K2M5X3
Q201			2SC4081	TRANSISTOR	M2X1K1
Q202			2SB1443	TRANSISTOR	E1
Q202			2SB1443	TRANSISTOR	KR1M1
Q202			2SB1443	TRANSISTOR	K2M5X3
Q202			2SB1443	TRANSISTOR	M2X1K1
Q203			2SA1576A	TRANSISTOR	E1
Q203			2SA1576A	TRANSISTOR	KR1M1
Q203			2SA1576A	TRANSISTOR	K2M5X3
Q203			2SA1576A	TRANSISTOR	M2X1K1
Q204,205			2SC4081	TRANSISTOR	E1
Q204,205			2SC4081	TRANSISTOR	KR1M1
Q204,205			2SC4081	TRANSISTOR	K2M5X3
Q204,205			2SC4081	TRANSISTOR	M2X1K1
Q206			DTC114TUA	DIGITAL TRANSISTOR	E1
Q206			DTC114TUA	DIGITAL TRANSISTOR	KR1M1
Q206			DTC114TUA	DIGITAL TRANSISTOR	K2M5X3
Q206			DTC114TUA	DIGITAL TRANSISTOR	M2X1K1
Q207			2SC4081	TRANSISTOR	E1
Q207			2SC4081	TRANSISTOR	KR1M1
Q207			2SC4081	TRANSISTOR	K2M5X3
Q207			2SC4081	TRANSISTOR	M2X1K1
Q208			2SB1443	TRANSISTOR	E1
Q208			2SB1443	TRANSISTOR	KR1M1
Q208			2SB1443	TRANSISTOR	K2M5X3
Q208			2SB1443	TRANSISTOR	M2X1K1

Ref. No.	Ad	New	Parts No.	Description	Destination
Q209			2SA1576A	TRANSISTOR	E1
Q209			2SA1576A	TRANSISTOR	KR1M1
Q209			2SA1576A	TRANSISTOR	K2M5X3
Q209			2SA1576A	TRANSISTOR	M2X1K1
Q210,211			2SC4081	TRANSISTOR	E1
Q210,211			2SC4081	TRANSISTOR	KR1M1
Q210,211			2SC4081	TRANSISTOR	K2M5X3
Q210,211			2SC4081	TRANSISTOR	M2X1K1
<b>ELECTRIC UNIT (X34-634x-xx)</b>					
C1			C90-5666-05	ELECTRO 3900UF 25WV	
C2,3			CK73GB1H103K	CHIP C 0.010UF K	
C4			C93-1470-05	CHIP C 15000PF K	M1M2Q1
C4			C93-1470-05	CHIP C 15000PF K	M3M4E1
C4			C93-1470-05	CHIP C 15000PF K	M5
C5			CK73GB1H103K	CHIP C 0.010UF K	
C6,7			CK73FB1C105K	CHIP C 1.0UF K	
C8			CK73GB1H103K	CHIP C 0.010UF K	
C9			CK73FB1C105K	CHIP C 1.0UF K	
C10			CK73FB1E474K	CHIP C 0.47UF K	
C11			CK73FB1A335K	CHIP C 3.3UF K	
C12			CK73FB1C105K	CHIP C 1.0UF K	
C13			CK73GB1H104K	CHIP C 0.10UF K	
C14			CK73GB1H103K	CHIP C 0.010UF K	
C101			CK73FB1H334K	CHIP C 0.33UF K	
C102			CK73GB1H103K	CHIP C 0.010UF K	
C103			CK73GB1A105K	CHIP C 1.0UF K	
C104			C90-5692-05	ELECTRO 220UF 16WV	
C105			CK73GB1H103K	CHIP C 0.010UF K	
C106			CK73GB1H104K	CHIP C 0.10UF K	KR1Q1
C106			CK73GB1H104K	CHIP C 0.10UF K	K1K2
C106			CK73GB1H104K	CHIP C 0.10UF K	M3M4X2
C111			CK73FB1H334K	CHIP C 0.33UF K	E1
C111			CK73FB1H334K	CHIP C 0.33UF K	KR1M1
C111			CK73FB1H334K	CHIP C 0.33UF K	K2M5X3
C111			CK73FB1H334K	CHIP C 0.33UF K	M2X1K1
C112			CK73GB1H103K	CHIP C 0.010UF K	E1
C112			CK73GB1H103K	CHIP C 0.010UF K	KR1M1
C112			CK73GB1H103K	CHIP C 0.010UF K	K2M5X3
C112			CK73GB1H103K	CHIP C 0.010UF K	M2X1K1
C113			CK73GB1A105K	CHIP C 1.0UF K	E1
C113			CK73GB1A105K	CHIP C 1.0UF K	KR1M1
C113			CK73GB1A105K	CHIP C 1.0UF K	K2M5X3
C113			CK73GB1A105K	CHIP C 1.0UF K	M2X1K1
C114			CD04AY1A101M	ELECTRO 100UF 10WV	E1
C114			CD04AY1A101M	ELECTRO 100UF 10WV	KR1M1
C114			CD04AY1A101M	ELECTRO 100UF 10WV	K2M5X3
C114			CD04AY1A101M	ELECTRO 100UF 10WV	M2X1K1
C115			CK73GB1A105K	CHIP C 1.0UF K	
C116			CD04BD1C221M	ELECTRO 220UF 16WV	
C117			CK73GB1H102K	CHIP C 1000PF K	
C118			CD04AT1A101M	ELECTRO 100UF 10WV	
C123			CK73FB1H334K	CHIP C 0.33UF K	
C128			C90-6851-05	ELECTRO 220UF 25WV	
C129			CK73FB1A225K	CHIP C 2.2UF K	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## ELECTRIC UNIT (X34-634x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C130			CK73GB1A105K	CHIP C 1.0UF K		C504			CK73GB1H103K	CHIP C 0.010UF K	E1M5
C131,132			CK73GB1C104K	CHIP C 0.10UF K		C504			CK73GB1H103K	CHIP C 0.010UF K	KR1M1
C133			CK73FB0J106K	CHIP C 10UF K		C504			CK73GB1H103K	CHIP C 0.010UF K	M2Q1M3
C151			CK73GB1H103K	CHIP C 0.010UF K		C504			CK73GB1H103K	CHIP C 0.010UF K	M4K1K2
C152,153			CK73GB1H104K	CHIP C 0.10UF K		C505			CC73GCH1H331J	CHIP C 330PF J	E1M5
C154,155			CK73GB1H103K	CHIP C 0.010UF K		C505			CC73GCH1H331J	CHIP C 330PF J	KR1M1
C301			CK73GB1H103K	CHIP C 0.010UF K		C505			CC73GCH1H331J	CHIP C 330PF J	M2Q1M3
C302			CK73GB1H473K	CHIP C 0.047UF K		C505			CC73GCH1H331J	CHIP C 330PF J	M4K1K2
C303,304			CK73GB1H103K	CHIP C 0.010UF K		C515			CD04AS1V100M	ELECTRO 10UF 35WV	E1M5
C305			CK73GB1H102K	CHIP C 1000PF K		C515			CD04AS1V100M	ELECTRO 10UF 35WV	KR1M1
C306,307			CK73GB1H103K	CHIP C 0.010UF K		C515			CD04AS1V100M	ELECTRO 10UF 35WV	M2Q1M3
C308			CK73GB1C104K	CHIP C 0.10UF K		C515			CD04AS1V100M	ELECTRO 10UF 35WV	M4K1K2
C309			CK73FB0J106K	CHIP C 10UF K		C516-519			CK73GB1H103K	CHIP C 0.010UF K	
C401,402			CK73GB1A105K	CHIP C 1.0UF K		C520			CK73GB1H102K	CHIP C 1000PF K	E1
C403,404			CK73GB1A474K	CHIP C 0.47UF K		C524			CK73GB1H102K	CHIP C 1000PF K	
C405			CK73GB1A105K	CHIP C 1.0UF K		C597			CK73GB1H102K	CHIP C 1000PF K	
C406			CE32BJ1H010M	CHIP EL 1.0UF 50WV		C598			CC73GCH1H101J	CHIP C 100PF J	E1
C407			CE32BD1C470M	CHIP EL 47UF 16WV		C598			CC73GCH1H101J	CHIP C 100PF J	KR1M1
C408			CK73GB1H103K	CHIP C 0.010UF K		C598			CC73GCH1H101J	CHIP C 100PF J	K2M5X3
C409,410			CK73GB1A105K	CHIP C 1.0UF K		C598			CC73GCH1H101J	CHIP C 100PF J	M2X1K1
C413,414			CK73GB1A105K	CHIP C 1.0UF K		C600-602			CK73GB1A105K	CHIP C 1.0UF K	
C417			CE32BJ1V100M	CHIP EL 10UF 35WV		C605			CK73GB1H103K	CHIP C 0.010UF K	KR1K1
C431,432			CK73EB1E225K	CHIP C 2.2UF K		C605			CK73GB1H103K	CHIP C 0.010UF K	K2
C433-436			CK73GB1A105K	CHIP C 1.0UF K		C616			CK73GB1H104K	CHIP C 0.10UF K	KR1K1
C443			CK73GB1A105K	CHIP C 1.0UF K		C616			CK73GB1H104K	CHIP C 0.10UF K	K2
C444			CK73FB1C106K	CHIP C 10UF K		C616-618			CK73GB1H104K	CHIP C 0.10UF K	M1M2X1
C445			CK73GB1A105K	CHIP C 1.0UF K		C616-618			CK73GB1H104K	CHIP C 0.10UF K	Q1M3M4
C451			CK73FB1C106K	CHIP C 10UF K		C616-618			CK73GB1H104K	CHIP C 0.10UF K	X2E1M5
C452			CK73GB1C104K	CHIP C 0.10UF K		C616-618			CK73GB1H104K	CHIP C 0.10UF K	X3
C453			CK73FB0J106K	CHIP C 10UF K		C618			CK73GB1H104K	CHIP C 0.10UF K	KR1K1
C454			CK73GB1C104K	CHIP C 0.10UF K		C618			CK73GB1H104K	CHIP C 0.10UF K	K2
C455			CK73GB1A105K	CHIP C 1.0UF K		C650-652			CK73FB1C105K	CHIP C 1.0UF K	KR1Q1
C456			CE32BJ1C220M	CHIP EL 22UF 16WV		C650-652			CK73FB1C105K	CHIP C 1.0UF K	K1K2
C457			CK73GB1C104K	CHIP C 0.10UF K		C650-652			CK73FB1C105K	CHIP C 1.0UF K	M3M4X2
C458			CK73FB0J106K	CHIP C 10UF K		C653			CK73GB1C104K	CHIP C 0.10UF K	KR1Q1
C462,463			CK73GB1A105K	CHIP C 1.0UF K	Q1M3M4	C653			CK73GB1C104K	CHIP C 0.10UF K	K1K2
C462,463			CK73GB1A105K	CHIP C 1.0UF K	X2	C653			CK73GB1C104K	CHIP C 0.10UF K	M3M4X2
C463-467			CK73GB1A105K	CHIP C 1.0UF K	E1	C654			CC73GCH1H470J	CHIP C 47PF J	KR1Q1
C463-467			CK73GB1A105K	CHIP C 1.0UF K	KR1M1	C654			CC73GCH1H470J	CHIP C 47PF J	K1K2
C463-467			CK73GB1A105K	CHIP C 1.0UF K	K2M5X3	C654			CC73GCH1H470J	CHIP C 47PF J	M3M4X2
C463-467			CK73GB1A105K	CHIP C 1.0UF K	M2X1K1	C701,702			CC73GCH1H102J	CHIP C 1000PF J	
C466,467			CK73GB1A105K	CHIP C 1.0UF K	Q1M3M4	C751			CK73FB1C106K	CHIP C 10UF K	E1
C466,467			CK73GB1A105K	CHIP C 1.0UF K	X2	C751			CK73FB1C106K	CHIP C 10UF K	KR1M1
C469-474			CK73GB1A105K	CHIP C 1.0UF K	KR1Q1	C751			CK73FB1C106K	CHIP C 10UF K	K2M5X3
C469-474			CK73GB1A105K	CHIP C 1.0UF K	K1K2	C751			CK73FB1C106K	CHIP C 10UF K	M2X1K1
C469-474			CK73GB1A105K	CHIP C 1.0UF K	M3M4X2	C752			CK73HB1A104K	CHIP C 0.10UF K	E1
C469-477			CK73GB1A105K	CHIP C 1.0UF K	E1M5X3	C752			CK73HB1A104K	CHIP C 0.10UF K	KR1M1
C469-477			CK73GB1A105K	CHIP C 1.0UF K	M1M2X1	C752			CK73HB1A104K	CHIP C 0.10UF K	K2M5X3
C479			CK73GB1A105K	CHIP C 1.0UF K	Q1M3M4	C752			CK73HB1A104K	CHIP C 0.10UF K	M2X1K1
C479			CK73GB1A105K	CHIP C 1.0UF K	X2	C753			CK73GB0J225K	CHIP C 2.2UF K	E1
C482-487			CK73GB1A105K	CHIP C 1.0UF K		C753			CK73GB0J225K	CHIP C 2.2UF K	KR1M1
C500,501			CC73GCH1H100D	CHIP C 10PF D	E1M5	C753			CK73GB0J225K	CHIP C 2.2UF K	K2M5X3
C500,501			CC73GCH1H100D	CHIP C 10PF D	KR1M1	C753			CK73GB0J225K	CHIP C 2.2UF K	M2X1K1
C500,501			CC73GCH1H100D	CHIP C 10PF D	M2Q1M3	C754			CK73HB1A104K	CHIP C 0.10UF K	E1
C500,501			CC73GCH1H100D	CHIP C 10PF D	M4K1K2	C754			CK73HB1A104K	CHIP C 0.10UF K	KR1M1

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## ELECTRIC UNIT (X34-634x-xx)

Ref. No.	Ad	New	Parts No.	Description	Desti- nation	Ref. No.	Ad	New	Parts No.	Description	Desti- nation
C754			CK73HB1A104K	CHIP C 0.10UF K	K2M5X3	C905			CK73GB1A105K	CHIP C 1.0UF K	
C754			CK73HB1A104K	CHIP C 0.10UF K	M2X1K1	C906			CD04BA1E330M	ELECTRO 33UF 25WV	
C755,756			CK73GB1A105K	CHIP C 1.0UF K	E1	C907			C90-6780-05	ELECTRO 1UF 16WV	
C755,756			CK73GB1A105K	CHIP C 1.0UF K	KR1M1	C909			CK73GB1A105K	CHIP C 1.0UF K	
C755,756			CK73GB1A105K	CHIP C 1.0UF K	K2M5X3	C913-920			CK73GB1H222K	CHIP C 2200PF K	
C755,756			CK73GB1A105K	CHIP C 1.0UF K	M2X1K1	C921-928			CC73GCH1H221J	CHIP C 220PF J	
C758			CK73GB1H102K	CHIP C 1000PF K	E1	C931-934			CC73GCH1H101J	CHIP C 100PF J	
C758			CK73GB1H102K	CHIP C 1000PF K	KR1M1						
C758			CK73GB1H102K	CHIP C 1000PF K	K2M5X3						
C758			CK73GB1H102K	CHIP C 1000PF K	M2X1K1						
C759			CE32BD1C100M	CHIP EL 10UF 16WV	E1	CN201			E41-2237-05	FLAT CABLE CONNECTOR	
C759			CE32BD1C100M	CHIP EL 10UF 16WV	KR1M1	CN202			E40-6470-05	PIN ASSY	
C759			CE32BD1C100M	CHIP EL 10UF 16WV	K2M5X3	CN203,204			E41-2979-05	FLAT CABLE CONNECTOR	
C759			CE32BD1C100M	CHIP EL 10UF 16WV	M2X1K1	CN205			E41-2958-05	PIN ASSY	
C760			CK73HB1A104K	CHIP C 0.10UF K	E1	J1			E58-1043-05	RECTANGULAR RECEPTACLE (DCCN)	
C760			CK73HB1A104K	CHIP C 0.10UF K	KR1M1	J600			E58-1034-05	RECTANGULAR RECEPTACLE (TV-TU)	
C760			CK73HB1A104K	CHIP C 0.10UF K	K2M5X3	J650			E58-1097-05	RECTANGULAR RECEPTACLE (KAB)	KR1Q1
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	J650			E58-1097-05	RECTANGULAR RECEPTACLE (KAB)	K1K2
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	J650			E58-1097-05	RECTANGULAR RECEPTACLE (KAB)	M3M4X2
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	J701			E11-0625-05	PHONE JACK (LGY6502-0900)	
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	J702			E11-0656-05	PHONE JACK (3.5D YELLOW)	
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	W500	*		E30-6883-05	CORD WITH PLUG (ANT)	KM1M2
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	W500	*		E30-6883-05	CORD WITH PLUG (ANT)	K1K2M5
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	W500	*		E30-6883-05	CORD WITH PLUG (ANT)	M3M4X1
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	W500	*		E30-6883-05	CORD WITH PLUG (ANT)	X2R1Q1
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	W500	*		E30-6883-05	CORD WITH PLUG (ANT)	X3
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	F101			F53-0306-05	FUSE(UL,CSA) 5A	KR1Q1
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	F101			F53-0306-05	FUSE(UL,CSA) 5A	K1K2
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	F101			F53-0306-05	FUSE(UL,CSA) 5A	M3M4X2
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	F102			F53-0297-05	FUSE(UL,CSA) 1.6A	
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	F102			F53-0297-05	FUSE(UL,CSA) 1.6A	
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	L1			L33-2436-05	CHOKE COIL ASSY	
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	L104			L41-1005-33	SMALL FIXED INDUCTOR (10U)	
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	L451,452			L41-1005-33	SMALL FIXED INDUCTOR (10U)	
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	L502			L41-4795-33	SMALL FIXED INDUCTOR (4.7U)	
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	L505			L92-0329-05	CHIP FERRITE	E1
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	L505			L92-0329-05	CHIP FERRITE	E1
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	X500			L77-2002-05	CRYSTAL RESONATOR	E1M5
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	X500			L77-2002-05	CRYSTAL RESONATOR	KR1M1
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	X500			L77-2002-05	CRYSTAL RESONATOR	M2Q1M3
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	X500			L77-2002-05	CRYSTAL RESONATOR	M4K1K2
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	X751			L77-3810-05	CRYSTAL RESONATOR (11.2896MHZ)	E1
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	X751			L77-3810-05	CRYSTAL RESONATOR (11.2896MHZ)	KR1M1
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	X751			L77-3810-05	CRYSTAL RESONATOR (11.2896MHZ)	K2M5X3
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	X751			L77-3810-05	CRYSTAL RESONATOR (11.2896MHZ)	M2X1K1
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	AB	2C		N09-6727-05	TAPTITE SCREW (3X8)	
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	E	2C		N35-2604-43	BINDING HEAD MACHINE SCREW	KR1Q1
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	E	2C		N35-2604-43	BINDING HEAD MACHINE SCREW	K1K2
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	E	2C		N35-2604-43	BINDING HEAD MACHINE SCREW	M3M4X2
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	R1			RK73EB2E272J	CHIP R 2.7K J 1/4W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	R2			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	R4			RK73EB2E103J	CHIP R 10K J 1/4W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	R5			RK73GB2A000J	CHIP R 0.0 J 1/10W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	R6			RK73GB2A103J	CHIP R 10K J 1/10W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1	R7 ,8			RK73GB2A473J	CHIP R 47K J 1/10W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3	R9			RK73EB2E272J	CHIP R 2.7K J 1/4W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1	R10			RK73GB2A102J	CHIP R 1.0K J 1/10W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1	R12			RK73EB2E102J	CHIP R 1.0K J 1/4W	
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	E1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	KR1M1						
C763-768			CK73HB1H222K	CHIP C 2200PF K	K2M5X3						
C763-768			CK73HB1H222K	CHIP C 2200PF K	M2X1K1						



# PARTS LIST

## ELECTRIC UNIT (X34-634x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R13,14			RK73EB2E622J	CHIP R 6.2K J 1/4W		R115			RK73FB2B221J	CHIP R 220 J 1/8W	
R15			RK73GB2A153J	CHIP R 15K J 1/10W		R116			RK73GH2A243D	CHIP R 24K D 1/10W	
R16			RK73GB2A912J	CHIP R 9.1K J 1/10W		R117			RK73GH2A432D	CHIP R 4.3K D 1/10W	
R18			RK73FB2B472J	CHIP R 4.7K J 1/8W		R118			RK73GH2A512D	CHIP R 5.1K D 1/10W	E1
R19			RK73PB2H102J	CHIP R 1.0K J 1/2W		R118			RK73GH2A512D	CHIP R 5.1K D 1/10W	KR1M1
R20			RK73GB2A223J	CHIP R 22K J 1/10W		R118			RK73GH2A512D	CHIP R 5.1K D 1/10W	K2M5X3
R21			RK73PB2H102J	CHIP R 1.0K J 1/2W		R118			RK73GH2A512D	CHIP R 5.1K D 1/10W	M2X1K1
R22			RK73FB2B472J	CHIP R 4.7K J 1/8W		R120			RK73FB2B223J	CHIP R 22K J 1/8W	
R24			RK73FB2B000J	CHIP R 0.0 J 1/8W	Q1E1	R121,122			RK73GB2A101J	CHIP R 100 J 1/10W	
R25			RK73PB2H102J	CHIP R 1.0K J 1/2W	KR1M1	R123			RK73GB2A2R2J	CHIP R 2.2 J 1/10W	
R25			RK73PB2H102J	CHIP R 1.0K J 1/2W	K2M5X3	R125-127			RK73EB2E100J	CHIP R 10 J 1/4W	E1
R25			RK73PB2H102J	CHIP R 1.0K J 1/2W	M2X1M3	R125-127			RK73EB2E100J	CHIP R 10 J 1/4W	KR1M1
R25			RK73PB2H102J	CHIP R 1.0K J 1/2W	M4X2K1	R125-127			RK73EB2E100J	CHIP R 10 J 1/4W	K2M5X3
R26			RK73GB2A103J	CHIP R 10K J 1/10W	KR1M1	R125-127			RK73EB2E100J	CHIP R 10 J 1/4W	M2X1K1
R26			RK73GB2A103J	CHIP R 10K J 1/10W	K2M5X3	R133			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R26			RK73GB2A103J	CHIP R 10K J 1/10W	M2X1M3	R133			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R26			RK73GB2A103J	CHIP R 10K J 1/10W	M4X2K1	R133			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R27			RK73PB2H102J	CHIP R 1.0K J 1/2W	KR1M1	R133			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R27			RK73PB2H102J	CHIP R 1.0K J 1/2W	K2M5X3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R27			RK73PB2H102J	CHIP R 1.0K J 1/2W	M2X1M3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R27			RK73PB2H102J	CHIP R 1.0K J 1/2W	M4X2K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R28			RK73GB2A103J	CHIP R 10K J 1/10W	KR1M1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R28			RK73GB2A103J	CHIP R 10K J 1/10W	K2M5X3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R28			RK73GB2A103J	CHIP R 10K J 1/10W	M2X1M3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R28			RK73GB2A103J	CHIP R 10K J 1/10W	M4X2K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R28			RK73GB2A103J	CHIP R 10K J 1/10W	M4X2K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R29			RK73GB2A222J	CHIP R 2.2K J 1/10W	KR1M1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R29			RK73GB2A222J	CHIP R 2.2K J 1/10W	K2M5X3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R29			RK73GB2A222J	CHIP R 2.2K J 1/10W	M2X1M3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R29			RK73GB2A222J	CHIP R 2.2K J 1/10W	M4X2K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R30			RK73EB2E103J	CHIP R 10K J 1/4W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R31			RK73GB2A104J	CHIP R 100K J 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R32			RK73GB2A473J	CHIP R 47K J 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R101			RK73FB2B221J	CHIP R 220 J 1/8W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R102			RK73GH2A243D	CHIP R 24K D 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R103			RK73GH2A432D	CHIP R 4.3K D 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R104			RK73GB2A223J	CHIP R 22K J 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R105			RK73FB2B222J	CHIP R 2.2K J 1/8W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R106			RK73GB2A823J	CHIP R 82K J 1/10W	KR1Q1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R106			RK73GB2A823J	CHIP R 82K J 1/10W	K1K2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R106			RK73GB2A823J	CHIP R 82K J 1/10W	M3M4X2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R106			RK73GB2A823J	CHIP R 82K J 1/10W	M3M4X2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R107			RK73GB2A103J	CHIP R 10K J 1/10W	KR1Q1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R107			RK73GB2A103J	CHIP R 10K J 1/10W	K1K2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R107			RK73GB2A103J	CHIP R 10K J 1/10W	M3M4X2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R108			RK73FB2B221J	CHIP R 220 J 1/8W	E1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R108			RK73FB2B221J	CHIP R 220 J 1/8W	KR1M1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R108			RK73FB2B221J	CHIP R 220 J 1/8W	K2M5X3	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R108			RK73FB2B221J	CHIP R 220 J 1/8W	M2X1K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R109			RK73GB2A4R7J	CHIP R 4.7 J 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R110			RK73GB2A473J	CHIP R 47K J 1/10W	KR1Q1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1
R110			RK73GB2A473J	CHIP R 47K J 1/10W	K1K2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1
R110			RK73GB2A473J	CHIP R 47K J 1/10W	M3M4X2	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3
R110			RK73GB2A473J	CHIP R 47K J 1/10W	E1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1
R114			RK73GH2A153D	CHIP R 15K D 1/10W		R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K1K2M5
R114			RK73GH2A153D	CHIP R 15K D 1/10W	KR1M1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	X3E1
R114			RK73GH2A153D	CHIP R 15K D 1/10W	K2M5X3	R135			RK73GH2A471D	CHIP R 470 D 1/10W	
R114			RK73GH2A153D	CHIP R 15K D 1/10W	M2X1K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	K1K2M5
R114			RK73GH2A153D	CHIP R 15K D 1/10W	M2X1K1	R135			RK73GB2A000J	CHIP R 0.0 J 1/10W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## ELECTRIC UNIT (X34-634x-xx)

Ref. No.	Ad	New	Parts No.	Description	Desti- nation	Ref. No.	Ad	New	Parts No.	Description	Desti- nation
R465			RK73GB2A000J	CHIP R 0.0 J 1/10W	X3E1	R650,651			RK73EB2E200J	CHIP R 20 J 1/4W	KR1Q1
R465,466			RK73GB2A000J	CHIP R 0.0 J 1/10W	KM1M2	R650,651			RK73EB2E200J	CHIP R 20 J 1/4W	K1K2
R465,466			RK73GB2A000J	CHIP R 0.0 J 1/10W	M3M4X1	R650,651			RK73EB2E200J	CHIP R 20 J 1/4W	M3M4X2
R465,466			RK73GB2A000J	CHIP R 0.0 J 1/10W	X2R1Q1	R652			RK73EB2E100J	CHIP R 10 J 1/4W	KR1Q1
R467			RK73GH2A471D	CHIP R 470 D 1/10W		R652			RK73EB2E100J	CHIP R 10 J 1/4W	K1K2
R471-473			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1Q1	R652			RK73EB2E100J	CHIP R 10 J 1/4W	M3M4X2
R471-473			RK73GB2A000J	CHIP R 0.0 J 1/10W	K1K2	R653,654			RK73EB2E102J	CHIP R 1.0K J 1/4W	KR1Q1
R471-473			RK73GB2A000J	CHIP R 0.0 J 1/10W	M3M4X2	R653,654			RK73EB2E102J	CHIP R 1.0K J 1/4W	K1K2
R475,476			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1	R653,654			RK73EB2E102J	CHIP R 1.0K J 1/4W	M3M4X2
R475,476			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1	R655			RK73GB2A473J	CHIP R 47K J 1/10W	
R475,476			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3	R656,657			RK73GB2A103J	CHIP R 10K J 1/10W	KR1Q1
R475,476			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1	R656,657			RK73GB2A103J	CHIP R 10K J 1/10W	K1K2
R486			RK73GB2A000J	CHIP R 0.0 J 1/10W		R656,657			RK73GB2A103J	CHIP R 10K J 1/10W	M3M4X2
R500			RK73GB2A222J	CHIP R 2.2K J 1/10W	E1M5	R658			RK73HB1J472J	CHIP R 4.7K J 1/16W	KR1Q1
R500			RK73GB2A222J	CHIP R 2.2K J 1/10W	KR1M1	R658			RK73HB1J472J	CHIP R 4.7K J 1/16W	K1K2
R500			RK73GB2A222J	CHIP R 2.2K J 1/10W	M2Q1M3	R658			RK73HB1J472J	CHIP R 4.7K J 1/16W	M3M4X2
R500			RK73GB2A222J	CHIP R 2.2K J 1/10W	M4K1K2	R659			RK73GB2A472J	CHIP R 4.7K J 1/10W	KR1Q1
R501			RK73GB2A223J	CHIP R 22K J 1/10W		R659			RK73GB2A472J	CHIP R 4.7K J 1/10W	K1K2
R502			RK73GB2A102J	CHIP R 1.0K J 1/10W		R659			RK73GB2A472J	CHIP R 4.7K J 1/10W	M3M4X2
R504,505			RK73GB2A222J	CHIP R 2.2K J 1/10W	E1M5	R661-663			RK73EB2E101J	CHIP R 100 J 1/4W	KR1Q1
R504,505			RK73GB2A222J	CHIP R 2.2K J 1/10W	KR1M1	R661-663			RK73EB2E101J	CHIP R 100 J 1/4W	K1K2
R504,505			RK73GB2A222J	CHIP R 2.2K J 1/10W	M2Q1M3	R661-663			RK73EB2E101J	CHIP R 100 J 1/4W	M3M4X2
R504,505			RK73GB2A222J	CHIP R 2.2K J 1/10W	M4K1K2	R664-666			RK73GB2A103J	CHIP R 10K J 1/10W	KR1Q1
R506			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	E1M5	R664-666			RK73GB2A103J	CHIP R 10K J 1/10W	K1K2
R506			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	KR1M1	R664-666			RK73GB2A103J	CHIP R 10K J 1/10W	M3M4X2
R506			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	M2Q1M3	R667-669			RK73GB2A100J	CHIP R 10 J 1/10W	KR1Q1
R506			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	M4K1K2	R667-669			RK73GB2A100J	CHIP R 10 J 1/10W	K1K2
R509			RK73GB2A000J	CHIP R 0.0 J 1/10W		R667-669			RK73GB2A100J	CHIP R 10 J 1/10W	M3M4X2
R511			RK73GB2A000J	CHIP R 0.0 J 1/10W		R670			RK73GB2A223J	CHIP R 22K J 1/10W	KR1Q1
R515-517			RK73GB2A000J	CHIP R 0.0 J 1/10W		R670			RK73GB2A223J	CHIP R 22K J 1/10W	K1K2
R598			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	E1	R670			RK73GB2A223J	CHIP R 22K J 1/10W	M3M4X2
R598			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	KR1M1	R673			RK73HB1J103J	CHIP R 10K J 1/16W	KR1Q1
R598			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K2M5X3	R673			RK73HB1J103J	CHIP R 10K J 1/16W	K1K2
R598			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	M2X1K1	R673			RK73HB1J103J	CHIP R 10K J 1/16W	M3M4X2
R600			RK73EB2E200J	CHIP R 20 J 1/4W		R701-703			RK73EB2E100J	CHIP R 10 J 1/4W	
R601			RK73EB2E100J	CHIP R 10 J 1/4W		R705,706			RK73GB2A223J	CHIP R 22K J 1/10W	
R602			RK73EB2E200J	CHIP R 20 J 1/4W		R707			RK73GB2A202J	CHIP R 2.0K J 1/10W	
R603			RK73EB2E102J	CHIP R 1.0K J 1/4W		R709,710			RK73EB2E101J	CHIP R 100 J 1/4W	
R604			RK73EB2E101J	CHIP R 100 J 1/4W		R711			RK73GB2A680J	CHIP R 68 J 1/10W	
R605			RK73EB2E102J	CHIP R 1.0K J 1/4W		R722,723			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R606-608			RK73EB2E101J	CHIP R 100 J 1/4W		R725			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	
R609,610			RK73EB2E102J	CHIP R 1.0K J 1/4W		R726			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R611			RK73EB2E101J	CHIP R 100 J 1/4W		R731			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R612			RK73GB2A100J	CHIP R 10 J 1/10W		R755			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	E1
R613			RK73GB2A750J	CHIP R 75 J 1/10W		R755			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	KR1M1
R614			RK73GB2A473J	CHIP R 47K J 1/10W		R755			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	K2M5X3
R615			RK73GB2A000J	CHIP R 0.0 J 1/10W	M1M2X1	R755			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	M2X1K1
R615			RK73GB2A000J	CHIP R 0.0 J 1/10W	Q1M3M4	R757-762			RK73HB1J471J	CHIP R 470 J 1/16W	E1
R615			RK73GB2A000J	CHIP R 0.0 J 1/10W	X2E1M5	R757-762			RK73HB1J471J	CHIP R 470 J 1/16W	KR1M1
R615			RK73GB2A000J	CHIP R 0.0 J 1/10W	X3	R757-762			RK73HB1J471J	CHIP R 470 J 1/16W	K2M5X3
R616			RK73GB2A473J	CHIP R 47K J 1/10W	KR1K1	R757-762			RK73HB1J471J	CHIP R 470 J 1/16W	M2X1K1
R616			RK73GB2A473J	CHIP R 47K J 1/10W	K2	R770			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	E1
R617			RK73GB2A101J	CHIP R 100 J 1/10W	KR1K1	R770			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	KR1M1
R617			RK73GB2A101J	CHIP R 100 J 1/10W	K2	R770			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	K2M5X3
R618-620			RK73GB2A100J	CHIP R 10 J 1/10W		R770			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	M2X1K1

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.



# PARTS LIST

## ELECTRIC UNIT (X34-634x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R771			RK73GB2A102J	CHIP R 1.0K J 1/10W	E1	D610,611			UDZW6.2(B)	ZENER DIODE	
R771			RK73GB2A102J	CHIP R 1.0K J 1/10W	KR1M1	D612,613			UDZW6.8(B)	ZENER DIODE	
R771			RK73GB2A102J	CHIP R 1.0K J 1/10W	K2M5X3	D650,651			UDZW6.8(B)	ZENER DIODE	KR1Q1
R771			RK73GB2A102J	CHIP R 1.0K J 1/10W	M2X1K1	D650,651			UDZW6.8(B)	ZENER DIODE	K1K2
R773			RK73GB2A105J	CHIP R 1.0M J 1/10W	E1	D650,651			UDZW6.8(B)	ZENER DIODE	M3M4X2
R773			RK73GB2A105J	CHIP R 1.0M J 1/10W	KR1M1	D652			UDZW6.2(B)	ZENER DIODE	KR1Q1
R773			RK73GB2A105J	CHIP R 1.0M J 1/10W	K2M5X3	D652			UDZW6.2(B)	ZENER DIODE	K1K2
R773			RK73GB2A105J	CHIP R 1.0M J 1/10W	M2X1K1	D652			UDZW6.2(B)	ZENER DIODE	M3M4X2
R780			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1	D653			CVS10A180M	VARIATOR	KR1Q1
R780			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1	D653			CVS10A180M	VARIATOR	K1K2
R780			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3	D653			CVS10A180M	VARIATOR	M3M4X2
R780			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1	D654			1SS355	DIODE	KR1Q1
R781-783			RK73HB1J101J	CHIP R 100 J 1/16W	E1	D654			1SS355	DIODE	K1K2
R781-783			RK73HB1J101J	CHIP R 100 J 1/16W	KR1M1	D654			1SS355	DIODE	M3M4X2
R781-783			RK73HB1J101J	CHIP R 100 J 1/16W	K2M5X3	D657,658			UDZW6.2(B)	ZENER DIODE	KR1Q1
R781-783			RK73HB1J101J	CHIP R 100 J 1/16W	M2X1K1	D657,658			UDZW6.2(B)	ZENER DIODE	K1K2
R784			RK73GB2A104J	CHIP R 100K J 1/10W	E1	D657,658			UDZW6.2(B)	ZENER DIODE	M3M4X2
R784			RK73GB2A104J	CHIP R 100K J 1/10W	KR1M1	D662,663			CVS10A180M	VARIATOR	KR1Q1
R784			RK73GB2A104J	CHIP R 100K J 1/10W	K2M5X3	D662,663			CVS10A180M	VARIATOR	K1K2
R784			RK73GB2A104J	CHIP R 100K J 1/10W	M2X1K1	D662,663			CVS10A180M	VARIATOR	M3M4X2
R785			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1	D701,702			CVL10C270M300	VARIATOR	
R785			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1	D703-705			CVS10A120M	VARIATOR	
R785			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3	D901			DAP202U	DIODE	
R785			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1	D902			1SS355	DIODE	
R832			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1	IC101			M5237ML-CF0J	ANALOGUE IC	
R832			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1	IC103,104			M5237ML-CF0J	ANALOGUE IC	E1
R832			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3	IC103,104			M5237ML-CF0J	ANALOGUE IC	KR1M1
R832			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1	IC103,104			M5237ML-CF0J	ANALOGUE IC	K2M5X3
R837			RK73GB2A000J	CHIP R 0.0 J 1/10W	E1	IC103,104			M5237ML-CF0J	ANALOGUE IC	M2X1K1
R837			RK73GB2A000J	CHIP R 0.0 J 1/10W	KR1M1	IC104			M5237ML-CF0J	ANALOGUE IC	Q1M3M4
R837			RK73GB2A000J	CHIP R 0.0 J 1/10W	K2M5X3	IC104			M5237ML-CF0J	ANALOGUE IC	X2
R837			RK73GB2A000J	CHIP R 0.0 J 1/10W	M2X1K1	IC106			XC6201P502PR	ANALOGUE IC	
R905			RK73GB2A333J	CHIP R 33K J 1/10W		IC151			LB1836M-TLM-E	ANALOGUE IC	
R906			RK73GB2A123J	CHIP R 12K J 1/10W		IC401			E-TDA7415CB	ANALOGUE IC	
R907			RK73GB2A300J	CHIP R 30 J 1/10W		IC451		*	AN15887A-VTU	ANALOGUE IC	
R908			RK73GB2A223J	CHIP R 22K J 1/10W		IC500			E-TDA7478AD	ANALOGUE IC	E1M5
R909			RK73GB2A221J	CHIP R 220 J 1/10W		IC500			E-TDA7478AD	ANALOGUE IC	KR1M1
R910			RK73GB2A822J	CHIP R 8.2K J 1/10W		IC500			E-TDA7478AD	ANALOGUE IC	M2Q1M3
R911-914			RK73GB2A820J	CHIP R 82 J 1/10W		IC500			E-TDA7478AD	ANALOGUE IC	M4K1K2
R915			RK73GB2A473J	CHIP R 47K J 1/10W		IC600			74AHCT1G08GW	MOS-IC	KR1K1
D1			RM30LF014-102	DIODE		IC600			74AHCT1G08GW	MOS-IC	K2
D2 -4			1SS355	DIODE		IC651			74AHCT08PW	MOS-IC	KR1Q1
D5			UDZW6.2(B)	ZENER DIODE		IC651			74AHCT08PW	MOS-IC	K1K2
D6			1SS355	DIODE		IC651			74AHCT08PW	MOS-IC	M3M4X2
D7			UDZW6.2(B)	ZENER DIODE		IC751			AK7600VF	MOS-IC	E1
D8 ,9			M1F60-6063	DIODE		IC751			AK7600VF	MOS-IC	KR1M1
D10			1SS355	DIODE		IC751			AK7600VF	MOS-IC	K2M5X3
D11 ,12			M1F60-6063	DIODE		IC751			AK7600VF	MOS-IC	M2X1K1
D13			UDZW4.7(B)	ZENER DIODE		IC901			E-TDA7850A	ANALOGUE IC	
D104			UDZW6.8(B)	ZENER DIODE		Q1			DTC124EUA	DIGITAL TRANSISTOR	
D301			DA204U	DIODE		Q2			2SA1576A	TRANSISTOR	
D401-403			DAP202U	DIODE		Q3			DTC124EUA	DIGITAL TRANSISTOR	
D404,405			1SS355	DIODE		Q4			2SC4081	TRANSISTOR	
D601-608			UDZW6.2(B)	ZENER DIODE		Q5			2SB1188(Q,R)	TRANSISTOR	
D609			CVS10A120M	VARIATOR		Q6			2SA1576A	TRANSISTOR	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## ELECTRIC UNIT (X34-634x-xx)

Ref. No.	Ad	New	Parts No.	Description	Desti- nation
Q7			DTA114EUA	DIGITAL TRANSISTOR	
Q8			DTC143ZUA	DIGITAL TRANSISTOR	
Q9			2SB1188(R)	TRANSISTOR	KR1M1
Q9			2SB1188(R)	TRANSISTOR	K2M5X3
Q9			2SB1188(R)	TRANSISTOR	M2X1M3
Q9			2SB1188(R)	TRANSISTOR	M4X2K1
Q10			2SC4081	TRANSISTOR	KR1M1
Q10			2SC4081	TRANSISTOR	K2M5X3
Q10			2SC4081	TRANSISTOR	M2X1M3
Q10			2SC4081	TRANSISTOR	M4X2K1
Q101			DTC124EUA	DIGITAL TRANSISTOR	
Q102			DTA124EUA	DIGITAL TRANSISTOR	
Q103			DTC124EUA	DIGITAL TRANSISTOR	
Q104			DTA124EUA	DIGITAL TRANSISTOR	
Q105			KTA1046-P	TRANSISTOR	
Q106			DTC124EUA	DIGITAL TRANSISTOR	
Q107			2SB1689	TRANSISTOR	
Q108			DTC143ZUA	DIGITAL TRANSISTOR	KR1Q1
Q108			DTC143ZUA	DIGITAL TRANSISTOR	K1K2
Q108			DTC143ZUA	DIGITAL TRANSISTOR	M3M4X2
Q109			DTC124EUA	DIGITAL TRANSISTOR	E1
Q109			DTC124EUA	DIGITAL TRANSISTOR	KR1M1
Q109			DTC124EUA	DIGITAL TRANSISTOR	K2M5X3
Q109			DTC124EUA	DIGITAL TRANSISTOR	M2X1K1
Q110			DTA124EUA	DIGITAL TRANSISTOR	E1
Q110			DTA124EUA	DIGITAL TRANSISTOR	KR1M1
Q110			DTA124EUA	DIGITAL TRANSISTOR	K2M5X3
Q110			DTA124EUA	DIGITAL TRANSISTOR	M2X1K1
Q111			TPC8110-F	FET	KR1Q1
Q111			TPC8110-F	FET	K1K2
Q111			TPC8110-F	FET	M3M4X2
Q115			DTC124EUA	DIGITAL TRANSISTOR	
Q116			DTA124EUA	DIGITAL TRANSISTOR	
Q117			2SB1449(R)-E	TRANSISTOR	
Q118			KTA1046-P	TRANSISTOR	
Q119			2SC4081	TRANSISTOR	
Q120			2SB1184(Q,R)	TRANSISTOR	E1
Q120			2SB1184(Q,R)	TRANSISTOR	KR1M1
Q120			2SB1184(Q,R)	TRANSISTOR	K2M5X3
Q120			2SB1184(Q,R)	TRANSISTOR	M2X1K1
Q301-305			2SC4081	TRANSISTOR	
Q306			2SA1576A	TRANSISTOR	
Q307			2SC4081	TRANSISTOR	
Q308			2SA1576A	TRANSISTOR	
Q500			DTC143ZUA	DIGITAL TRANSISTOR	
Q501			2SA1577	TRANSISTOR	
Q650,651			2SC4081	TRANSISTOR	KR1Q1
Q650,651			2SC4081	TRANSISTOR	K1K2
Q650,651			2SC4081	TRANSISTOR	M3M4X2
Q653,654			DTC144EUA	DIGITAL TRANSISTOR	KR1Q1
Q653,654			DTC144EUA	DIGITAL TRANSISTOR	K1K2
Q653,654			DTC144EUA	DIGITAL TRANSISTOR	M3M4X2
Q656,657			DTC143ZUA	DIGITAL TRANSISTOR	
Q659			DTC143ZUA	DIGITAL TRANSISTOR	
Q660			DTC114TUA	DIGITAL TRANSISTOR	

Ref. No.	Ad	New	Parts No.	Description	Desti- nation
TH901			PRF18BE471QS2	POSITIVE RESISTOR	
A500			X86-4030-11	FRONT-END UNIT	KR1X1
A500			X86-4030-11	FRONT-END UNIT	X2K1K2
A500			X86-4030-11	FRONT-END UNIT	X3
A500			X86-4032-70	FRONT-END UNIT	M1M2Q1
A500			X86-4032-70	FRONT-END UNIT	3M4E1
A500			X86-4032-70	FRONT-END UNIT	
A500			X86-4032-70	FRONT-END UNIT	
A501		*	X89-3062-72	DAUGHTER UNIT	M5 E1
<b>VIDEO UNIT (X35-5010-xx)</b>					
C1			CK73GB1H103K	CHIP C	0.010UF K
C2			CK73GB1H104K	CHIP C	0.10UF K
C3			CK73EB1E106K	CHIP C	10UF K
C4			C93-1383-05	CHIP C	220PF F
C5 -8			CK73GB1A105K	CHIP C	1.0UF K
C11		*	C92-2018-05	ELECTRO	82UF 6.3WV
C12			CK73GB1H103K	CHIP C	0.010UF K
C13			CK73GB1H104K	CHIP C	0.10UF K
C14 ,15			CK73HB1C333K	CHIP C	0.033UF K
C16			CK73HB1E103K	CHIP C	0.010UF K
C17 ,18			CC73HCH1H101J	CHIP C	100PF J
C19			CK73HB1A683K	CHIP C	0.068UF K
C20			CK73HB1E103K	CHIP C	0.010UF K
C21			CK73HB1C333K	CHIP C	0.033UF K
C22 -24			CC73HCH1H221J	CHIP C	220PF J
C25 -28			CC73HCH1H101J	CHIP C	100PF J
C29			CC73HCH1H471J	CHIP C	470PF J
C30		*	C93-1509-05	CHIP C	100PF F
C31			CK73HB0J474K	CHIP C	0.47UF K
C33 -35			CK73HB1E103K	CHIP C	0.010UF K
C36			CK73HB1A104K	CHIP C	0.10UF K
C37			CK73GB0J106M	CHIP C	10UF M
C38			CK73HB0J105K	CHIP C	1.0UF K
C39			CK73GB0J225K	CHIP C	2.2UF K
C40			CK73EB1E105K	CHIP C	1.0UF K
C41 ,42			CK73GB1H103K	CHIP C	0.010UF K
C43			CK73HB1E103K	CHIP C	0.010UF K
C44 ,45			CK73GB1H104K	CHIP C	0.10UF K
C46			CK73HB0J474K	CHIP C	0.47UF K
C47 ,48			CK73GB0J106M	CHIP C	10UF M
C49			CK73HB0J474K	CHIP C	0.47UF K
C50 ,51			CK73GB1H103K	CHIP C	0.010UF K
C52 ,53			CK73GB1H104K	CHIP C	0.10UF K
C54			CK73HB1E103K	CHIP C	0.010UF K
C55 ,56			CK73GB0J106M	CHIP C	10UF M
C57			CK73FB1C105K	CHIP C	1.0UF K
C58			CC73GCH1H102J	CHIP C	1000PF J
C59			C93-1383-05	CHIP C	220PF F
C60			CK73HB1H472K	CHIP C	4700PF K
C61			CK73HB1A104K	CHIP C	0.10UF K
C62			CK73HB0J105K	CHIP C	1.0UF K
C63			CK73HB0J474K	CHIP C	0.47UF K
C64			CK73HB1E103K	CHIP C	0.010UF K
C65 -67			CC73GCH1H102J	CHIP C	1000PF J
C68			CK73HB1E223K	CHIP C	0.022UF K

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△Indicates safety critical components.

# PARTS LIST

## VIDEO UNIT (X35-5010-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C69,70			CK73GB1H103K	CHIP C 0.010UF K		C222			CK73HB1A104K	CHIP C 0.10UF K	
C71			CK73GB1H104K	CHIP C 0.10UF K		C223			CK73EB1E105K	CHIP C 1.0UF K	
C72,73			CC73GCH1H102J	CHIP C 1000PF J		C224			CK73HB1A104K	CHIP C 0.10UF K	
C74			CK73GB1H104K	CHIP C 0.10UF K		C225			CK73GB0J106M	CHIP C 10UF M	
C75		*	C92-2017-05	ELECTRO 100UF 4WV		C226-235			CK73HB1A104K	CHIP C 0.10UF K	
C76,77			CC73GCH1H102J	CHIP C 1000PF J		C236			CK73HB1E103K	CHIP C 0.010UF K	
C78,79			CK73FB1C106K	CHIP C 10UF K		C237,238			CK73HB1A104K	CHIP C 0.10UF K	
C80,81			CK73GB1H103K	CHIP C 0.010UF K		C239-245			CK73HB1E103K	CHIP C 0.010UF K	
C82			CK73FB1C106K	CHIP C 10UF K		C246			CK73GB0J106M	CHIP C 10UF M	
C83,84			CK73GB1H104K	CHIP C 0.10UF K		C247			CK73HB1A104K	CHIP C 0.10UF K	
C85			C92-2020-05	ELECTRO 33UF 16WV		C249			CK73GB0J106M	CHIP C 10UF M	
C86-88			CK73EB1E106K	CHIP C 10UF K		C250-254			CK73HB1A104K	CHIP C 0.10UF K	
C89-92			C93-1283-05	CHIP C 1.0UF K		C255			CC73HCH1H150J	CHIP C 15PF J	
C93			CK73HB1A104K	CHIP C 0.10UF K		C256			CK73GB0J106M	CHIP C 10UF M	
C95			CK73FB0J226M	CHIP C 22UF M		C257			CC73HCH1H180J	CHIP C 18PF J	
C96			CK73FB1E475K	CHIP C 4.7UF K		C258-263			CK73HB1A104K	CHIP C 0.10UF K	
C97			CK73FB1C106K	CHIP C 10UF K		C265,266			CK73FB0J226M	CHIP C 22UF M	
C98			CK73EB1E106K	CHIP C 10UF K		C267-273			CK73HB1A104K	CHIP C 0.10UF K	
C99		*	C93-1458-05	CHIP C 1500PF F		C274,275			CK73FB0J226M	CHIP C 22UF M	
C100			CK73HB1A104K	CHIP C 0.10UF K		C277-279			CC73HCH1H101J	CHIP C 100PF J	
C101			CK73EB1E106K	CHIP C 10UF K		C281,282			CK73HB1E103K	CHIP C 0.010UF K	
C103			C93-1273-05	CHIP C 15PF J		C283-285			CK73GB0J106M	CHIP C 10UF M	
C104		*	C93-1465-05	CHIP C 0.015UF F		C286-288			CK73FB0J226M	CHIP C 22UF M	
C105			CK73EB1E106K	CHIP C 10UF K		C289			CK73GB0J106M	CHIP C 10UF M	
C107			CK73FB0J226M	CHIP C 22UF M		C290			CK73HB1E103K	CHIP C 0.010UF K	
C108,109			CK73FB1C106K	CHIP C 10UF K		C291			CK73HB1A104K	CHIP C 0.10UF K	
C110,111			CK73EB1E106K	CHIP C 10UF K		C292			CK73HB1E103K	CHIP C 0.010UF K	
C112			CK73GB1H104K	CHIP C 0.10UF K		C293			CK73HB1A104K	CHIP C 0.10UF K	
C113			CK73GB1H103K	CHIP C 0.010UF K		C294			CK73HB1E103K	CHIP C 0.010UF K	
C114			CK73EB1E106K	CHIP C 10UF K		C295			CK73GB1H104K	CHIP C 0.10UF K	
C115			CK73FB1E475K	CHIP C 4.7UF K		C296			CK73HB1E103K	CHIP C 0.010UF K	
C116,117			CK73GB1H103K	CHIP C 0.010UF K		C297			CK73GB1H104K	CHIP C 0.10UF K	
C118,119			CK73GB1H104K	CHIP C 0.10UF K		C298			CK73HB1E103K	CHIP C 0.010UF K	
C120			CK73GB1H103K	CHIP C 0.010UF K		C299			CK73HB1A104K	CHIP C 0.10UF K	
C121			CK73GB1H104K	CHIP C 0.10UF K		C300			CK73HB1E103K	CHIP C 0.010UF K	
C122			CK73GB1H103K	CHIP C 0.010UF K		C301			CK73GB1H104K	CHIP C 0.10UF K	
C123			CK73FB1E475K	CHIP C 4.7UF K		C391-397			CC73HCH1H102J	CHIP C 1000PF J	
C124-127			CK73EB1E106K	CHIP C 10UF K		C398			CK73HB1A104K	CHIP C 0.10UF K	
C128			CK73GB1A105K	CHIP C 1.0UF K		C399			CK73GB0J106M	CHIP C 10UF M	
C129			CK73FB1C106K	CHIP C 10UF K		C404			CK73FB1C106K	CHIP C 10UF K	
C130			CK73FB1E475K	CHIP C 4.7UF K		C406			CC73HCH1H560J	CHIP C 56PF J	
C131			CK73FB0J226M	CHIP C 22UF M		C407			CK73FB1C106K	CHIP C 10UF K	
C132			CK73FB1E475K	CHIP C 4.7UF K		C408			CK73HB1E103K	CHIP C 0.010UF K	
C133			CK73GB0J106M	CHIP C 10UF M		C409			CK73FB1C106K	CHIP C 10UF K	
C201			CK73HB1A104K	CHIP C 0.10UF K		C410			CK73HB1E103K	CHIP C 0.010UF K	
C203			CK73HB1A104K	CHIP C 0.10UF K		C411,412			CK73FB1C106K	CHIP C 10UF K	
C204			CK73GB1A105K	CHIP C 1.0UF K		C413			CK73GB1H104K	CHIP C 0.10UF K	
C205,206			CK73HB1A104K	CHIP C 0.10UF K		C414			CC73HCH1H101J	CHIP C 100PF J	
C207			CK73GB0J106M	CHIP C 10UF M		C415			CK73FB1C106K	CHIP C 10UF K	
C208-213			CK73HB1A104K	CHIP C 0.10UF K		C416			CK73GB0J106M	CHIP C 10UF M	
C214			CC73HCH1H820J	CHIP C 82PF J		C417			CK73HB1E103K	CHIP C 0.010UF K	
C215,216			CK73HB1A104K	CHIP C 0.10UF K		C418			CK73GB0J106M	CHIP C 10UF M	
C217			CK73EB1E105K	CHIP C 1.0UF K		C419			CK73HB1E103K	CHIP C 0.010UF K	
C218-220			CK73HB1A104K	CHIP C 0.10UF K		C500			CK73FB0J106K	CHIP C 10UF K	
C221			CK73GB0J106M	CHIP C 10UF M		C501,502			CK73HB1E103K	CHIP C 0.010UF K	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO UNIT (X35-5010-xx)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
C600			CK73GB1H103K	CHIP C 0.010UF K	
C603			CK73FB0J226M	CHIP C 22UF M	
C700			CC73HCH1H101J	CHIP C 100PF J	
C701,702			CK73GB0J106M	CHIP C 10UF M	
C703			CK73FB0J226M	CHIP C 22UF M	
C704-710			CC73HCH1H151J	CHIP C 150PF J	
C711			CK73HB1A104K	CHIP C 0.10UF K	
C713			CK73GB0J106M	CHIP C 10UF M	
CN1			E41-2985-05	FLAT CABLE CONNECTOR	
CN2			E41-2642-05	PIN ASSY	
CN200			E41-2359-05	PIN ASSY	
CN201			E41-2594-05	FLAT CABLE CONNECTOR	
CN500			E41-2088-05	FLAT CABLE CONNECTOR	
CN600		*	E41-3102-05	FLAT CABLE CONNECTOR	
J1 ,2			E04-0433-05	RF COAXIAL CABLE RECEPTACLE	E1
J1 ,2			E04-0433-05	RF COAXIAL CABLE RECEPTACLE	KR1M1
J1 ,2			E04-0433-05	RF COAXIAL CABLE RECEPTACLE	K2M5X3
J1 ,2			E04-0433-05	RF COAXIAL CABLE RECEPTACLE	M2X1K1
L1			L33-2370-05	CHOKE COIL	
L2		*	L33-2520-05	CHOKE COIL	
L3			L33-2369-05	CHOKE COIL	
L4 -6		*	L33-2517-05	CHOKE COIL	
L7		*	L33-2513-05	CHOKE COIL	
L8		*	L33-2534-05	CHOKE COIL	
L9		*	L33-2514-05	CHOKE COIL	
L10		*	L33-2351-05	CHOKE COIL	
L11			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L12			L92-0319-05	CHIP FERRITE	
L13			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L14			L19-0788-05	TRANSFORMER FOR CONVERTER	
L15			L33-2454-05	CHOKE COIL	
L16 ,17			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L201-203			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L204			L41-8281-15	SMALL FIXED INDUCTOR (0.82U)	
L205			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L207-212			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L214			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L215			L92-0364-05	CHIP FERRITE	
L216,217			L92-0319-05	CHIP FERRITE	
L218,219			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L220,221			L92-0319-05	CHIP FERRITE	
L224			L92-0378-05	CHIP FERRITE	
L225-228			L92-0373-05	CHIP FERRITE	
L229			L92-0378-05	CHIP FERRITE	
L248		*	L92-0667-05	CHIP FERRITE	
L249,250		*	L92-0668-05	CHIP FERRITE	
L401-405			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
L600			L41-1005-39	SMALL FIXED INDUCTOR (10UH/2520)	
X200		*	L77-2996-05	CRYSTAL RESONATOR (14.31818MHZ)	
CP201-203			RK74HB1J101J	CHIP-COM 100 J 1/16W	
CP207-211			RK74HB1J101J	CHIP-COM 100 J 1/16W	
CP212-215			RK74HB1J560J	CHIP-COM 56 J 1/16W	
CP217-220			RK74HB1J820J	CHIP-COM 82 J 1/16W	
R1			RK73GH2A301D	CHIP R 300 D 1/10W	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R2			RK73HH1J434D	CHIP R 430K D 1/16W	
R3			RK73HB1J103J	CHIP R 10K J 1/16W	
R4			RK73HH1J104D	CHIP R 100K D 1/16W	
R5			RK73GH2A752D	CHIP R 7.5K D 1/10W	
R7			RK73HB1J100J	CHIP R 10 J 1/16W	
R8			RK73EB2E100J	CHIP R 10 J 1/4W	
R9 ,10			RK73HB1J101J	CHIP R 100 J 1/16W	
R11 ,12			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R13			RK73HH1J303D	CHIP R 30K D 1/16W	
R14			RK73HH1J203D	CHIP R 20K D 1/16W	
R15			RK73HH1J123D	CHIP R 12K D 1/16W	
R16		*	RK73HH1J302D	CHIP R 3.0K D 1/16W	
R17			RK73HB1J303J	CHIP R 30K J 1/16W	
R18			RK73HB1J162J	CHIP R 1.6K J 1/16W	
R19 ,20			RK73HB1J103J	CHIP R 10K J 1/16W	
R22			RK73HB1J473J	CHIP R 47K J 1/16W	
R23			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R24			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R25			RK73HB1J203J	CHIP R 20K J 1/16W	
R27			RK73HH1J163D	CHIP R 16K D 1/16W	
R28			RK73HH1J202D	CHIP R 2.0K D 1/16W	
R29			RK73HH1J333D	CHIP R 33K D 1/16W	
R30		*	RK73HH1J513D	CHIP R 51K D 1/16W	
R31			RK73HH1J683D	CHIP R 68K D 1/16W	
R32			RK73HH1J163D	CHIP R 16K D 1/16W	
R33		*	RK73HH1J513D	CHIP R 51K D 1/16W	
R34 -38			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R39			RK73HB1J103J	CHIP R 10K J 1/16W	
R40			RK73HB1J682J	CHIP R 6.8K J 1/16W	
R41			RK73HB1J103J	CHIP R 10K J 1/16W	
R43			RK73HB1J103J	CHIP R 10K J 1/16W	
R45			RK73EB2E220J	CHIP R 22 J 1/4W	
R46			RK73HB1J103J	CHIP R 10K J 1/16W	
R47 ,48			RK73HB1J220J	CHIP R 22 J 1/16W	
R50			RK73HB1J101J	CHIP R 100 J 1/16W	
R51			RK73HB1J103J	CHIP R 10K J 1/16W	
R52			RK73HB1J512J	CHIP R 5.1K J 1/16W	
R53 ,54			RK73HB1J220J	CHIP R 22 J 1/16W	
R55			RK73HB1J512J	CHIP R 5.1K J 1/16W	
R56			RK73HB1J563J	CHIP R 56K J 1/16W	
R57			RK73HB1J363J	CHIP R 36K J 1/16W	
R58			RK73HB1J512J	CHIP R 5.1K J 1/16W	
R59			RK73HB1J123J	CHIP R 12K J 1/16W	
R60			RK73GH2A301D	CHIP R 300 D 1/10W	
R61			RK73HB1J100J	CHIP R 10 J 1/16W	
R62			RK73EB2E100J	CHIP R 10 J 1/4W	
R63			RK73HB1J103J	CHIP R 10K J 1/16W	
R64			RK73HB1J105J	CHIP R 1.0M J 1/16W	
R65			RK73EB2E100J	CHIP R 10 J 1/4W	
R66 -69			RK73HB1J220J	CHIP R 22 J 1/16W	
R70			RK73HH1J274D	CHIP R 270K D 1/16W	
R71			RK73HH1J473D	CHIP R 47K D 1/16W	
R72 ,73			RK73EB2E100J	CHIP R 10 J 1/4W	
R74			RK73HH1J473D	CHIP R 47K D 1/16W	
R75 ,76			RK73HH1J103D	CHIP R 10K D 1/16W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
 X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
 K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
 E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△Indicates safety critical components.



# PARTS LIST

## VIDEO UNIT (X35-5010-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R78			RK73HB1J472J	CHIP R 4.7K J 1/16W		R250			RK73HB1J101J	CHIP R 100 J 1/16W	
R79		*	RK73HH1J243D	CHIP R 24K D 1/16W		R251			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R80			RK73HB1J302J	CHIP R 3.0K J 1/16W		R253-255			RK73HB1J103J	CHIP R 10K J 1/16W	
R81			RK73HB1J472J	CHIP R 4.7K J 1/16W		R256			RK73HH1J153D	CHIP R 15K D 1/16W	
R82			RK73HH1J681D	CHIP R 680 D 1/16W		R257			RK73HH1J123D	CHIP R 12K D 1/16W	
R83			RK73HB1J272J	CHIP R 2.7K J 1/16W		R258			RK73HB1J103J	CHIP R 10K J 1/16W	
R84			RK73HB1J332J	CHIP R 3.3K J 1/16W		R260			RK73HH1J123D	CHIP R 12K D 1/16W	
R85			RK73HH1J912D	CHIP R 9.1K D 1/16W		R261			RK73HH1J273D	CHIP R 27K D 1/16W	
R86			RK73GB2A122J	CHIP R 1.2K J 1/10W		R262			RK73HB1J103J	CHIP R 10K J 1/16W	
R87			RK73HB1J272J	CHIP R 2.7K J 1/16W		R266			RK73HB1J104J	CHIP R 100K J 1/16W	
R88			RK73HH1J153D	CHIP R 15K D 1/16W		R267			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R89			RK73HH1J622D	CHIP R 6.2K D 1/16W		R268			RK73HH1J102D	CHIP R 1.0K D 1/16W	
R90			RK73HB1J000J	CHIP R 0.0 J 1/16W		R269			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R91		*	RK73HH1J621D	CHIP R 620 D 1/16W		R270			RK73HH1J102D	CHIP R 1.0K D 1/16W	
R92			RK73FB2B000J	CHIP R 0.0 J 1/8W		R273			RK73HH1J102D	CHIP R 1.0K D 1/16W	
R93			RK73EB2E2R2J	CHIP R 2.2 J 1/4W		R274			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R94 ,95			RK73FB2B000J	CHIP R 0.0 J 1/8W		R275			RK73HH1J303D	CHIP R 30K D 1/16W	
R96 ,97			RK73GB2A000J	CHIP R 0.0 J 1/10W		R278			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R98			RK73FB2B000J	CHIP R 0.0 J 1/8W		R279			RK73HB1J101J	CHIP R 100 J 1/16W	
R99 ,100			RK73GB2A000J	CHIP R 0.0 J 1/10W		R280			RK73HB1J102J	CHIP R 1.0K J 1/16W	
R102			RK73HB1J103J	CHIP R 10K J 1/16W		R281			RK73HB1J105J	CHIP R 1.0M J 1/16W	
R103			RK73HB1J101J	CHIP R 100 J 1/16W		R296,297			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R105-107			RK73HB1J000J	CHIP R 0.0 J 1/16W		R298-300			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R108			RK73HB1J101J	CHIP R 100 J 1/16W		R304-307			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R110,111			RK73GB2A000J	CHIP R 0.0 J 1/10W		R317-319			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R112			RK73HB1J101J	CHIP R 100 J 1/16W		R320,321			RK73HB1J101J	CHIP R 100 J 1/16W	
R113			RK73HB1J102J	CHIP R 1.0K J 1/16W		R323,324			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R114,115			RK73HB1J103J	CHIP R 10K J 1/16W		R326,327			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R116			RK73HB1J101J	CHIP R 100 J 1/16W		R328,329			RK73HB1J560J	CHIP R 56 J 1/16W	
R117			RK73HB1J102J	CHIP R 1.0K J 1/16W		R330			RK73HB1J470J	CHIP R 47 J 1/16W	
R118			RK73HB1J103J	CHIP R 10K J 1/16W		R331,332			RK73HB1J820J	CHIP R 82 J 1/16W	
R119			RK73GB2A000J	CHIP R 0.0 J 1/10W		R333,334			RK73HB1J101J	CHIP R 100 J 1/16W	
R121,122			RK73GB2A000J	CHIP R 0.0 J 1/10W		R336			RK73HB1J472J	CHIP R 4.7K J 1/16W	
R123			RK73HB1J473J	CHIP R 47K J 1/16W		R338-344			RK73HH1J102D	CHIP R 1.0K D 1/16W	
R126,127			RK73GB2A000J	CHIP R 0.0 J 1/10W		R345			RK73HH1J473D	CHIP R 47K D 1/16W	
R200,201			RK73HB1J101J	CHIP R 100 J 1/16W		R347			RK73HB1J103J	CHIP R 10K J 1/16W	
R202			RK73HB1J330J	CHIP R 33 J 1/16W		R348			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R203			RK73HB1J472J	CHIP R 4.7K J 1/16W		R350			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R205			RK73GB2A000J	CHIP R 0.0 J 1/10W		R351			RK73HB1J101J	CHIP R 100 J 1/16W	
R206			RK73HB1J330J	CHIP R 33 J 1/16W		R352			RK73EB2E392J	CHIP R 3.9K J 1/4W	
R208			RK73HB1J472J	CHIP R 4.7K J 1/16W		R353,354			RK73HB1J101J	CHIP R 100 J 1/16W	
R211			RK73HB1J000J	CHIP R 0.0 J 1/16W		R355			RK73HB1J103J	CHIP R 10K J 1/16W	
R214,215			RK73HB1J101J	CHIP R 100 J 1/16W		R404		*	RK73HH1J392D	CHIP R 3.9K D 1/16W	
R216,217			RK73HB1J330J	CHIP R 33 J 1/16W		R405			RK73HB1J222J	CHIP R 2.2K J 1/16W	
R218-223			RK73HB1J101J	CHIP R 100 J 1/16W		R406			RK73HH1J123D	CHIP R 12K D 1/16W	
R227			RK73HB1J103J	CHIP R 10K J 1/16W		R408			RK73HB1J101J	CHIP R 100 J 1/16W	
R231			RK73HB1J103J	CHIP R 10K J 1/16W		R409			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R232			RK73HB1J123J	CHIP R 12K J 1/16W		R411			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R234			RK73HB1J103J	CHIP R 10K J 1/16W		R413,414			RK73FB2B470J	CHIP R 47 J 1/8W	
R235			RK73HB1J181J	CHIP R 180 J 1/16W		R415			RK73HH1J202D	CHIP R 2.0K D 1/16W	
R236-245			RK73HB1J103J	CHIP R 10K J 1/16W		R416			RK73HH1J102D	CHIP R 1.0K D 1/16W	
R246			RK73HB1J000J	CHIP R 0.0 J 1/16W		R417			RK73HB1J222J	CHIP R 2.2K J 1/16W	
R247			RK73HB1J101J	CHIP R 100 J 1/16W		R418			RK73HH1J153D	CHIP R 15K D 1/16W	
R248			RK73HB1J330J	CHIP R 33 J 1/16W		R419			RK73HH1J103D	CHIP R 10K D 1/16W	
R249			RK73HB1J000J	CHIP R 0.0 J 1/16W		R420			RK73HH1J752D	CHIP R 7.5K D 1/16W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

## VIDEO UNIT (X35-5010-xx)

Ref. No.	Add	New	Parts No.	Description	Destination
R421			RK73HH1J103D	CHIP R 10K D 1/16W	
R422			RK73HH1J332D	CHIP R 3.3K D 1/16W	
R423			RK73HH1J103D	CHIP R 10K D 1/16W	
R425			RK73HB1J103J	CHIP R 10K J 1/16W	
R426			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R500			RK73FB2B000J	CHIP R 0.0 J 1/8W	
R501,502			RK73HB1J333J	CHIP R 33K J 1/16W	
R504-507			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R512-515			RK73GB2A100J	CHIP R 10 J 1/10W	
R604-607			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R610-613			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R614			RK73EB2E101J	CHIP R 100 J 1/4W	
R615			RK73EB2E121J	CHIP R 120 J 1/4W	
R616-619			RK73EB2E101J	CHIP R 100 J 1/4W	
R620-623			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R624-626			RK73GH2A331D	CHIP R 330 D 1/10W	
R627-629			RK73EB2E100J	CHIP R 10 J 1/4W	
R632			RK73HB1J221J	CHIP R 220 J 1/16W	
R633			RK73EB2E100J	CHIP R 10 J 1/4W	
R634-636			RK73GH2A361D	CHIP R 360 D 1/10W	
R640,641			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R642-648			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R649,650			RK73GB2A000J	CHIP R 0.0 J 1/10W	
R651			RK73GH2A331D	CHIP R 330 D 1/10W	
R652			RK73GH2A361D	CHIP R 360 D 1/10W	
R653-656			RK73HB1J473J	CHIP R 47K J 1/16W	
D1			1SS355	DIODE	
D2			EC31QS04AG	DIODE	
D3			MA2S784-F	DIODE	
D4			DAP202U	DIODE	
D5			1SS355	DIODE	
D6			EC31QS04AG	DIODE	
D7			EP05Q04	DIODE	
D8			EP05Q06	DIODE	
D9			EP05Q04	DIODE	
D10			DA204U	DIODE	
D12			DA204U	DIODE	
D100			DA204U	DIODE	
D200			DA204U	DIODE	
D500			DA204U	DIODE	
D501-504			CVS10A120M	VARISTOR	
D600,601			DA204U	DIODE	
D603,604			CVL10C270M300	VARISTOR	
D607-612			CVS10A120M	VARISTOR	
D613-616			CVS10A180M	VARISTOR	
IC1			XC6219B332PR	ANALOGUE IC	
IC2			XC6219B182PR	ANALOGUE IC	
IC3		*	OZ9922ITN-A11	ANALOGUE IC	
IC4			SI-3012KM	ANALOGUE IC	
IC5			XC6201P332PR	ANALOGUE IC	
IC200		*	AT25DF321-8B1	ROM IC	
IC201		*	MST7702-A-LF	MOS-IC	
IC203		*	M12L641645TIR	DRAM IC	
IC400			TA75W558FU-F	ANALOGUE IC	

Ref. No.	Add	New	Parts No.	Description	Destination
IC401			NJM2107F-ZB	ANALOGUE IC	
Q1			DTC114YE	DIGITAL TRANSISTOR	
Q2		*	TPC8020-H	FET	
Q3			DTA114YE	DIGITAL TRANSISTOR	
Q4		*	TPCF8104-F	FET	
Q6 -8		*	TPCP8201-F	DUAL FET	
Q9			DTA114YE	DIGITAL TRANSISTOR	
Q10			DTC114YE	DIGITAL TRANSISTOR	
Q11			2SC4081	TRANSISTOR	
Q12			2SA1576A	TRANSISTOR	
Q13			2SB1188(R)	TRANSISTOR	
Q14			2SC4081	TRANSISTOR	
Q15			2SA1576A	TRANSISTOR	
Q16			2SC4081	TRANSISTOR	
Q17		*	TPCF8104-F	FET	
Q18			2SC4097	TRANSISTOR	
Q19			DTC114YE	DIGITAL TRANSISTOR	
Q20			DTA114YE	DIGITAL TRANSISTOR	
Q21			2SA1577	TRANSISTOR	
Q22			2SA1576A	TRANSISTOR	
Q23			2SC4081	TRANSISTOR	
Q24			DTC114YE	DIGITAL TRANSISTOR	
Q25			DTA114YE	DIGITAL TRANSISTOR	
Q26			DTC114YE	DIGITAL TRANSISTOR	
Q27			DTA114YE	DIGITAL TRANSISTOR	
Q28			DTC114YE	DIGITAL TRANSISTOR	
Q200			DTC114YE	DIGITAL TRANSISTOR	
Q201			2SC4081	TRANSISTOR	
Q401			2SC4097	TRANSISTOR	
Q402			2SA1577	TRANSISTOR	
Q403			UMZ1N	TRANSISTOR	
Q500			DTC114YE	DIGITAL TRANSISTOR	
Q501			DTC143ZE	DIGITAL TRANSISTOR	
Q502			DTA143ZE	DIGITAL TRANSISTOR	
Q503			DTC143ZE	DIGITAL TRANSISTOR	
Q504			DTA143ZE	DIGITAL TRANSISTOR	
Q505			DTC114YE	DIGITAL TRANSISTOR	
Q600-603			2SC4081	TRANSISTOR	
<b>DVD UNIT (X37-1250-00) IN DVD MECHA.</b>					
C3			CK73HB1A104K	CHIP C 0.10UF K	
C4			CC73HCH1H471J	CHIP C 470PF J	
C5 -7			CK73HB1E103K	CHIP C 0.010UF K	
C8			CC73HCH1H471J	CHIP C 470PF J	
C9			CK73HB0J105K	CHIP C 1.0UF K	
C11 ,12			CK73HB1E103K	CHIP C 0.010UF K	
C13			CK73HB1H472K	CHIP C 4700PF K	
C14			CK73GB0J106M	CHIP C 10UF M	
C15			CK73HB1A104K	CHIP C 0.10UF K	
C16			CK73GB0J106M	CHIP C 10UF M	
C17			CK73GB0J475K	CHIP C 4.7UF K	
C18			CK73FB0J226M	CHIP C 22UF M	
C21			CK73GB0J106M	CHIP C 10UF M	
C22 ,23			CK73GB0J475K	CHIP C 4.7UF K	
C50			CK73HB1E103K	CHIP C 0.010UF K	



# PARTS LIST

## DVD UNIT (X37-1250-00) IN DVD MECHA.

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C51			CK73HB1A104K	CHIP C 0.10UF K		CN3			E41-2596-05	FLAT CABLE CONNECTOR	
C52			CK73HB1E223K	CHIP C 0.022UF K		L1			L92-0365-05	CHIP FERRITE	
C53			CC73HCH1H470J	CHIP C 47PF J		L5			L92-0365-05	CHIP FERRITE	
C54			CC73HCH1H102J	CHIP C 1000PF J		X2			L77-3803-05	CRYSTAL RESONATOR (16.897849MHZ)	
C55			CC73HCH1H100D	CHIP C 10PF D		CP2 -4			RK74HB1J103J	CHIP-COM 10K J 1/16W	
C56			CC73HCH1H102J	CHIP C 1000PF J		CP5 -9			RK74HB1J330J	CHIP-COM 33 J 1/16W	
C57			CC73HCH1E681J	CHIP C 680PF J		CP10			RK74HB1J820J	CHIP-COM 82 J 1/16W	
C58			CK73HB1H682K	CHIP C 6800PF K		CP11			RK74HB1J103J	CHIP-COM 10K J 1/16W	
C60 ,61			CK73HB1A104K	CHIP C 0.10UF K		R1			RK73HB1J103J	CHIP R 10K J 1/16W	
C62			CC73HCH1H102J	CHIP C 1000PF J		R3 ,4			RK73HB1J103J	CHIP R 10K J 1/16W	
C63			CC73HCH1H331J	CHIP C 330PF J		R5 ,6			RK73HH1J123D	CHIP R 12K D 1/16W	
C64			CK73HB1H222K	CHIP C 2200PF K		R7			RK73HH1J333D	CHIP R 33K D 1/16W	
C65			CC73HCH1E681J	CHIP C 680PF J		R8 ,9			RK73HB1J103J	CHIP R 10K J 1/16W	
C66			CK73HB1H152K	CHIP C 1500PF K		R10			RK73HB1J163J	CHIP R 16K J 1/16W	
C67 ,68			CC73HCH1H102J	CHIP C 1000PF J		R11			RK73HB1J102J	CHIP R 1.0K J 1/16W	
C69 -72			CC73HCH1H151J	CHIP C 150PF J		R13			RK73HB1J103J	CHIP R 10K J 1/16W	
C73 -82			CK73HB1A104K	CHIP C 0.10UF K		R16			RK73HB1J103J	CHIP R 10K J 1/16W	
C84			CK73HB0J105K	CHIP C 1.0UF K		R17			RK73HB1J271J	CHIP R 270 J 1/16W	
C85			CK73HB1A104K	CHIP C 0.10UF K		R19			RK73HB1J301J	CHIP R 300 J 1/16W	
C90			CK73HB1E103K	CHIP C 0.010UF K		R21 ,22			RK73HH1J103D	CHIP R 10K D 1/16W	
C93 -95			CK73HB1A104K	CHIP C 0.10UF K		R31			RK73HB1J102J	CHIP R 1.0K J 1/16W	
C97			CK73HB1A104K	CHIP C 0.10UF K		R50 ,51			RK73HB1J510J	CHIP R 51 J 1/16W	
C99			CK73HB1A104K	CHIP C 0.10UF K		R52			RK73HH1J153D	CHIP R 15K D 1/16W	
C100			CK73FB0J226M	CHIP C 22UF M		R53			RK73HB1J105J	CHIP R 1.0M J 1/16W	
C101			CK73GB0J475K	CHIP C 4.7UF K		R54			RK73HB1J472J	CHIP R 4.7K J 1/16W	
C103			CK73FB0J226M	CHIP C 22UF M		R55			RK73HB1J103J	CHIP R 10K J 1/16W	
C104			CK73GB0J475K	CHIP C 4.7UF K		R56			RK73HH1J472D	CHIP R 4.7K D 1/16W	
C120,121			CK73HB1E223K	CHIP C 0.022UF K		R57 ,58			RK73HB1J202J	CHIP R 2.0K J 1/16W	
C143,144			CC73HCH1H100D	CHIP C 10PF D		R59 ,60			RK73HB1J103J	CHIP R 10K J 1/16W	
C202			CK73FB0J226M	CHIP C 22UF M		R63			RK73HB1J103J	CHIP R 10K J 1/16W	
C207,208			CK73HB1A104K	CHIP C 0.10UF K		R64 ,65			RK73HB1J472J	CHIP R 4.7K J 1/16W	
C210			CK73HB1A104K	CHIP C 0.10UF K		R81			RK73HB1J102J	CHIP R 1.0K J 1/16W	
C212			CK73HB1A104K	CHIP C 0.10UF K		R83 ,84			RK73HB1J473J	CHIP R 47K J 1/16W	
C213			CK73HB1H332K	CHIP C 3300PF K		R85			RK73HB1J223J	CHIP R 22K J 1/16W	
C214,215			CK73HB1A104K	CHIP C 0.10UF K		R86			RK73HB1J103J	CHIP R 10K J 1/16W	
C216			CC73HCH1H471J	CHIP C 470PF J		R87			RK73HB1J105J	CHIP R 1.0M J 1/16W	
C217			CK73HB1A104K	CHIP C 0.10UF K		R88			RK73HB1J222J	CHIP R 2.2K J 1/16W	
C218			CK73HB1C473K	CHIP C 0.047UF K		R89 ,90			RK73HB1J123J	CHIP R 12K J 1/16W	
C219-222			CK73HB1A104K	CHIP C 0.10UF K		R91			RK73HB1J472J	CHIP R 4.7K J 1/16W	
C223			CK73HB0J105K	CHIP C 1.0UF K		R92			RK73HB1J273J	CHIP R 27K J 1/16W	
C224			CK73HB1A104K	CHIP C 0.10UF K		R96			RK73HB1J103J	CHIP R 10K J 1/16W	
C225			CK73GB0J475K	CHIP C 4.7UF K		R98			RK73HB1J202J	CHIP R 2.0K J 1/16W	
C227			CK73FB0J226M	CHIP C 22UF M		R101			RK73HH1J273D	CHIP R 27K D 1/16W	
C434			CK73GB0J106M	CHIP C 10UF M		R105			RK73HB1J103J	CHIP R 10K J 1/16W	
C435			CK73HB1E103K	CHIP C 0.010UF K		R120			RK73HB1J103J	CHIP R 10K J 1/16W	
C440-442			CK73FB0J226M	CHIP C 22UF M		R121			RK73HB1J820J	CHIP R 82 J 1/16W	
C446			CC73HCH1H101J	CHIP C 100PF J		R122			RK73HB1J103J	CHIP R 10K J 1/16W	
C447,448			CC73HCH1H102J	CHIP C 1000PF J		R123			RK73HB1J330J	CHIP R 33 J 1/16W	
C449,450			CK73HB1H472K	CHIP C 4700PF K		R124-126			RK73HB1J820J	CHIP R 82 J 1/16W	
C451			CC73HCH1H102J	CHIP C 1000PF J		R150,151			RK73HB1J102J	CHIP R 1.0K J 1/16W	
C452-454			CK73HB0J105K	CHIP C 1.0UF K		R152,153			RK73HB1J104J	CHIP R 100K J 1/16W	
C455			CK73FB0J226M	CHIP C 22UF M		R154,155			RK73HB1J103J	CHIP R 10K J 1/16W	
CN1			E41-2594-05	FLAT CABLE CONNECTOR		R158,159			RK73HB1J1R0J	CHIP R 1.0 J 1/16W	
CN2			E41-2114-15	FLAT CABLE CONNECTOR		R160			R92-3350-05	CHIP R 2.2 F 1/10W	

M1: DDX7034BT M2: DDX7034BTM M3: DDX6034 M4: DDX6034M M5: DNX7340BT (Other Areas)  
X1: DDX7034BT X2: DDX6034 X3: DNX7340BT (Australia) R1: DDX7034BT (Latin America)  
K: DDX714 K1: DNX7140 K2: DNX7000EX (North America)  
E1: DNX7240BT (Europe) Q1: DDX6054 (Russian)

△ Indicates safety critical components.

# PARTS LIST

The IC3, and IC11 in the DVD unit (X37-1250-00) are not replaceable components. When these ICs are defective, replace the whole DVD mechanism assembly (X92-6400-00).

## DVD UNIT (X37-1250-00) IN DVD MECHA.

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R162,163			RK73HB1J104J	CHIP R 100K J 1/16W	
R164,165			RK73HH1J101D	CHIP R 100 D 1/16W	
R167			RK73HH1J113D	CHIP R 11K D 1/16W	
R168			RK73HH1J273D	CHIP R 27K D 1/16W	
R169			RK73HB1J125J	CHIP R 1.2M J 1/16W	
R255			R92-5112-05	CHIP R 4.7 F 1/10W	
R257			RK73HH1J202D	CHIP R 2.0K D 1/16W	
R260			RK73HH1J132D	CHIP R 1.3K D 1/16W	
R261			RK73HH1J203D	CHIP R 20K D 1/16W	
R262			RK73HB1J821J	CHIP R 820 J 1/16W	
R263			RK73HB1J242J	CHIP R 2.4K J 1/16W	
R272			RK73HH1J682D	CHIP R 6.8K D 1/16W	
R273			RK73HH1J122D	CHIP R 1.2K D 1/16W	
R274			RK73HH1J682D	CHIP R 6.8K D 1/16W	
R275			RK73HH1J122D	CHIP R 1.2K D 1/16W	
R278			R92-5112-05	CHIP R 4.7 F 1/10W	
R284			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R288			R92-3416-05	CHIP R 0.27 1/2W	
R289			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R297			RK73HB1J000J	CHIP R 0.0 J 1/16W	
R298,299			RK73HB1J330J	CHIP R 33 J 1/16W	
R300			RK73HB1J103J	CHIP R 10K J 1/16W	
S1			S68-0911-15	PUSH SWITCH	
S2			S68-0917-05	PUSH SWITCH	
D1			1SS402-F	DIODE	
D5 ,6			015AZ5.1-F(Y)	ZENER DIODE	
D8			1SS387-F	DIODE	
IC1			AN22022ABV	ANALOGUE IC	
IC3		*	-	ROM IC	
IC4			MN103S71F	MOS-IC	
IC5			S1000N28I4T1G	ANALOGUE IC	
IC10			AN41250A-VB	ANALOGUE IC	
IC11		*	-	ROM IC	
IC13			NJM2845DL115B	ANALOGUE IC	
IC14			NJM2845DL133B	ANALOGUE IC	
Q1 -4			DTA143XE	DIGITAL TRANSISTOR	
Q12 ,13			2SB1709	TRANSISTOR	
Q16			UM6K1N	DUAL FET	
<b>DAUGHTER UNIT (X89-3062-72)</b>					
C1			CC73GCH1H180J	CHIP C 18PF J	E1
C2			CC73GCH1H070D	CHIP C 7.0PF D	E1
C3			CC73GCH1H150J	CHIP C 15PF J	E1
C4			CC73GCH1H180J	CHIP C 18PF J	E1
C5			CC73GCH1H390J	CHIP C 39PF J	E1
C6			CC73GCH1H020C	CHIP C 2.0PF C	E1
C7			CC73GCH1H120J	CHIP C 12PF J	E1
C8			CK73FB1C105K	CHIP C 1.0UF K	E1
C10 -12			CC73GCH1H102J	CHIP C 1000PF J	E1
C13			CC73GCH1H221J	CHIP C 220PF J	E1
C14			CC73GCH1H030C	CHIP C 3.0PF C	E1
C15 ,16			CC73GCH1H560J	CHIP C 56PF J	E1
C17			CC73GCH1H102J	CHIP C 1000PF J	E1
CN2			E41-3009-05	PIN ASSY	E1

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
W1		*	E30-6884-05	CORD WITH PLUG	E1
W2		*	E30-6885-05	CORD WITH PLUG	E1
L1			L41-2705-33	SMALL FIXED INDUCTOR (27U)	E1
L2			L41-1588-18	SMALL FIXED INDUCTOR	E1
L3			L41-1805-33	SMALL FIXED INDUCTOR (18U)	E1
L4 ,5			L41-1588-18	SMALL FIXED INDUCTOR	E1
L6			L19-0825-05	BALUN TRANSFORMER	E1
L8			L41-1888-18	SMALL FIXED INDUCTOR (0.18U)	E1
R1			RK73GB2A104J	CHIP R 100K J 1/10W	E1
R3			RK73GB2A562J	CHIP R 5.6K J 1/10W	E1
R4			RK73GB2A332J	CHIP R 3.3K J 1/10W	E1
R5			RK73GB2A331J	CHIP R 330 J 1/10W	E1
R6			RK73GB2A391J	CHIP R 390 J 1/10W	E1
R7 ,8			RK73GB2A330J	CHIP R 33 J 1/10W	E1
R10			RK73GB2A431J	CHIP R 430 J 1/10W	E1
R11			RK73GB2A270J	CHIP R 27 J 1/10W	E1
R12			RK73GB2A431J	CHIP R 430 J 1/10W	E1
R13			RK73GB2A151J	CHIP R 150 J 1/10W	E1
R14			RK73GB2A431J	CHIP R 430 J 1/10W	E1
R15			RK73GB2A270J	CHIP R 27 J 1/10W	E1
R17			RK73GB2A431J	CHIP R 430 J 1/10W	E1
D1			IMSA-6801-E	SURGE ABSORBER	E1
Q1			2SC3357-A	TRANSISTOR	E1
<b>DVD MECHANISM ASSY (X92-6400-00) (DVS-8220W)</b>					
1		1A	A10-5523-01+	CHASSIS	
2		2B	A10-5524-01+	CHASSIS	
3		1A	A10-5525-01+	CHASSIS	
4		3A	A10-5526-02+	CHASSIS	
7		1B	D10-7080-02+	ARM	
8		1B	D10-7081-02+	ARM	
9		1B	D10-7082-02+	LEVER	
10		1B	D10-7083-02+	LEVER	
12		2B	D10-7084-02+	SLIDER	
13		2A	D10-7085-02+	ARM	
14		2B	D10-7086-03+	ARM	
15		2B	D10-7087-02+	ARM	
25		2B	D10-7092-04+	SLIDER ASSY	
27		2A	D10-7091-04+	LEVER	
28		2B	D12-0640-02+	CAM	
31		2B	D13-3029-04+	GEAR	
32		2B	D13-3030-04+	GEAR	
33		2B	D13-3031-04+	GEAR	
34		2B	D13-3032-04+	GEAR	
35		2B	D13-3033-04+	GEAR	
36		2B	D13-3034-04+	GEAR	
40		2A	D13-3038-04+	GEAR	
41		2A	D13-3039-04+	GEAR	
42		2A	D13-3040-04+	GEAR	
43		1B	D14-1034-04+	ROLLER	
53		1B	D21-2487-24	SHAFT	
54		2A	D39-0275-05	DAMPER	
55		2A	D39-0276-05	DAMPER	

# PARTS LIST

## DVD MECHANISM ASSY (X92-6400-00) (DVS-8220W)

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
60	3A		F09-3019-03	SHEET							
65	2B		G01-4734-04	EXTENSION SPRING							
66	1B		G01-3299-04+	EXTENSION SPRING							
67	2A		G01-3300-14+	TORSION COIL SPRING							
68	2B		G01-4601-04+	EXTENSION SPRING							
69	1B		G01-4738-04	EXTENSION SPRING							
70	1B		G01-4740-04	TORSION COIL SPRING							
74	2B		G01-4609-14+	TORSION COIL SPRING							
75	1B		G02-1904-03+	FLAT SPRING							
79	2A		J22-0890-01+	MOUNTING HARDWARE							
80	3B		J22-0891-01+	MOUNTING HARDWARE							
A	1A		N09-6382-05	MACHINE SCREW (M1.7X2.0)							
B	3B		N09-6408-15	TAPTITE SCREW (1.7X4 P-TITE)							
C	1B		N09-6426-15	MACHINE SCREW (LOAD ARM SCREW)							
D	3A		N09-6104-05	MACHINE SCREW (2X10 S-TITE)							
93	2A		T99-0471-05	MAGNET							
96	1B		X94-2080-00	ROLLER ASSY							
98	2A		X94-2060-00	TRAVERSE ASSY (PICKUP,SPINDLE)							
VM1	2A		X94-2070-00	MOTOR ASSY (LOADING)							

**M1:** DDX7034BT **M2:** DDX7034BTM **M3:** DDX6034 **M4:** DDX6034M **M5:** DNX7340BT (Other Areas)  
**X1:** DDX7034BT **X2:** DDX6034 **X3:** DNX7340BT (Australia) **R1:** DDX7034BT (Latin America)  
**K:** DDX714 **K1:** DNX7140 **K2:** DNX7000EX (North America)  
**E1:** DNX7240BT (Europe) **Q1:** DDX6054 (Russian)

△ Indicates safety critical components.

## SPECIFICATIONS (K,R TYPE)

### Monitor section

Picture Size ..... 6.95 inches (diagonal) wide  
 ..... 156.2 mm (W) x 82.4 mm (H)  
 Display System..... Transparent TN LCD panel  
 Drive System ..... TFT active matrix system  
 Number of Pixels ..... 336,960 (480H x 234V x RGB)  
 Effective Pixels ..... 99.99 %  
 Pixel Arrangement ..... RGB striped arrangement  
 Back Lighting ..... Cold Cathode Fluorescent Tube

### DVD player section

D/A Converter.....24 bit  
 Audio Decoder  
 .. Linear PCM/ Dolby Digital/ dts/ MP3/ WMA/ AAC/ WAV  
 Video Decoder ..... MPEG1/ MPEG2  
 Wow & Flutter ..... Below Measurable Limit  
 Frequency Response  
 Sampling frequency; 96 kHz.....20 – 20,000 Hz  
 Sampling frequency; 48 kHz.....20 – 20,000 Hz  
 Sampling frequency; 44.1 kHz.....20 – 20,000 Hz  
 Total Harmonic Distortion..... 0.008 % (1 kHz)  
 S/N Ratio (dB)..... 98 dB (DVD-Video 96 kHz)  
 Dynamic Range ..... 98 dB (DVD-Video 96 kHz)  
 Disc Format ..... DVD-Video/ VIDEO-CD/ CD-DA  
 Sampling Frequency ..... 44.1/ 48/ 96 kHz  
 Quantifying Bit Number ..... 16/ 20/ 24 bit

### USB interface section

USB Standard ..... USB 1.1/ 2.0 High speed  
 File System ..... FAT 16/ 32  
 Maximum Power Supply Current ..... 500 mA  
 D/A Converter..... 24 Bit  
 Video Decoder..... MPEG1/ MPEG2  
 Audio Decoder ..... MP3/ WMA/ AAC/ WAV (Linear PCM)

### Bluetooth section

Technology ..... Bluetooth Ver.1.2 Certified  
 Frequency..... 2.402 – 2.480 GHz  
 Output Power ..... +4dBm (MAX), 0dBm (AVE), Power Class2  
 Maximum Communication range  
 ..... Line of sight approx. 10m (32.8 ft)  
 Profile ..... HFP (Hands Free Profile), SPP (Serial Port  
 Profile), HSP (Headset Profile), A2DP (Advanced Audio  
 Distribution Profile), AVRCP (Audio/Video Remote Con-  
 trol Profile), OPP (Object Push Profile), PBAP (Phonebook  
 Access Profile), SYNC (Synchronization Profile)

### FM tuner section

Frequency Range  
 200 kHz..... 87.9 MHz – 107.9 MHz  
 50 kHz..... 87.5 MHz – 108.0 MHz (DDX7034BT only)  
 Usable Sensitivity (S/N : 30 dB) ..... 9.3 dBf (0.8  $\mu$ V/ 75  $\Omega$ )  
 Quieting Sensitivity (S/N : 50 dB) ..... 15.2 dBf (1.6  $\mu$ V/ 75  $\Omega$ )  
 Frequency Response ( $\pm$  3.0 dB).....30 Hz – 15 kHz  
 S/N Ratio (dB)..... 70 dB (MONO)  
 Selectivity ( $\pm$  400 kHz) .....  $\geq$  80 dB  
 Stereo Separation..... 35 dB (1 kHz)

### AM tuner section

Frequency Range (10 kHz) ..... 530 kHz – 1700 kHz  
 Usable Sensitivity ..... 28 dB $\mu$

### Video section

Color System of External Video Input ..... NTSC  
 External Video Input Level (mini jack)..... 1 Vp-p/ 75  $\Omega$   
 External Audio Max Input Level (mini jack) ..... 2 V/ 25 k $\Omega$   
 Video Output Level (RCA jacks) ..... 1 Vp-p/ 75  $\Omega$   
 Audio Output Level (RCA jacks) ..... 1.2 V/ 10 k $\Omega$   
 Analog RGB input (DDX714/DDX7034BT only)  
 ..... 0.7 Vp-p/ 75  $\Omega$

### Audio section

Maximum Power (Front & Rear) ..... 50 W x 4  
 Full Bandwidth Power (Front & Rear)  
 (4  $\Omega$ , 14.4 V, 1 % THD) ..... 22 W x 4  
 Preout Level (V) ..... 2 V/ 10 k $\Omega$   
 Preout Impedance .....  $\leq$  600  $\Omega$   
 Speaker Impedance ..... 4 – 8  $\Omega$

### DSP Section

Graphics equalizer  
 Band ..... 5 Band  
 Frequency (BAND1 – 5) ..... 62.5/ 250/ 1k/ 4k/ 16k Hz  
 Gain ..... -9/ -8/ -7/ -6/ -5/ -4/ -3/ -2/ -1/  
 0/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 8/ 9 dB

### X'over

High pass filter  
 Frequency ..... Through, 30/ 40/ 50/ 60/ 70/ 80/ 90/  
 100/ 120/ 150/ 180/ 220/ 250 Hz  
 Slope..... -6/ -12/ -18/ -24 dB/Oct.  
 Low pass filter  
 Frequency ..... 30/ 40/ 50/ 60/ 70/ 80/ 90/ 100/ 120/  
 150/ 180/ 220/ 250 Hz, Through  
 Slope..... -6/ -12/ -18/ -24 dB/Oct.

## SPECIFICATIONS (K,R TYPE)

Time alignment ..... 0 – 17 ft (0.07 ft Step)  
 ..... 0 – 440 cm (2 cm Step)  
 Position ..... 0 – 5.67 ft (0.07 ft Step)  
 ..... 0 – 170 cm (2 cm Step)

### Navigation section (DNX7140/DNX7000EX only)

Receiver ..... High-sensitivity GPS receiver  
 Reception Frequency ..... 1575.42 MHz (C/A code)  
 Acquisition Times  
 Cold ..... < 38 seconds  
 Factory Reset ..... < 45 seconds  
 (On average for a stationary receiver with a clear view of  
 the sky)  
 Accuracy  
 Position ..... < 10 meters typical  
 Velocity ..... 0.05 m/sec. RMS  
 Position Method ..... GPS  
 Antenna ..... External GPS antenna

### External SW

Maximum Power Supply Current ..... 500 mA

### General

Operating voltage ..... 14.4 V (10.5 – 16 V allowable)  
 Maximum Current Consumption ..... 15 A  
 Dimensions (W × H × D) ..... 182 × 112 × 163 mm  
 ..... 7-3/16 x 4-7/16 x 6-7/16 inch  
 Operational Temperature Range ..... -10 °C – +60 °C  
 Storage Temperature Range ..... -20 °C – +85 °C  
 Weight  
 DNX7140/DNX7000EX ..... 2.5 kg (5.5 lbs)  
 DDX714/DDX7034BT ..... 2.47 kg (5.4 lbs)

### Laser section

Laser wavelength ..... 770 – 800 nm (CD)  
 ..... 663 – 673 nm (DVD)  
 Laser power class ..... Class 1M (IEC)

## SPECIFICATIONS (E,Q TYPE)

### Monitor section

Picture Size ..... 6.95 inches (diagonal) wide  
 ..... 156.2 mm (W) x 82.4 mm (H)  
 Display System ..... Transparent TN LCD panel  
 Drive System ..... TFT active matrix system  
 Number of Pixels ..... 336,960 (480H x 234V x RGB)  
 Effective Pixels ..... 99.99 %  
 Pixel Arrangement ..... RGB striped arrangement  
 Back Lighting ..... Cold Cathode Fluorescent Tube

### DVD player section

D/A Converter ..... 24 bit  
 Audio Decoder  
 .. Linear PCM/ Dolby Digital/ dts/ MP3/ WMA/ AAC/ WAV  
 Video Decoder ..... MPEG1/ MPEG2/ DivX  
 Wow & Flutter ..... Below Measurable Limit  
 Frequency Response  
 Sampling frequency; 96 kHz ..... 20 – 20,000 Hz  
 Sampling frequency; 48 kHz ..... 20 – 20,000 Hz  
 Sampling frequency; 44.1 kHz ..... 20 – 20,000 Hz

Total Harmonic Distortion ..... 0.008 % (1 kHz)  
 S/N Ratio (dB) ..... 98 dB (DVD-Video 96 kHz)  
 Dynamic Range ..... 98 dB (DVD-Video 96 kHz)  
 Disc Format ..... DVD-Video/ VIDEO-CD/ CD-DA  
 Sampling Frequency ..... 44.1/ 48/ 96 kHz  
 Quantifying Bit Number ..... 16/ 20/ 24 bit

### USB interface section

USB Standard ..... USB 1.1/ 2.0 High speed  
 File System ..... FAT 16/ 32  
 Maximum Power Supply Current ..... 500 mA  
 D/A Converter ..... 24 Bit  
 Video Decoder ..... MPEG1/ MPEG2/ DivX  
 Audio Decoder ..... MP3/ WMA/ AAC/ WAV (Linear PCM)

### Bluetooth section (DNX7240BT only)

Technology ..... Bluetooth Ver.1.2 Certified  
 Frequency ..... 2.402 – 2.480 GHz  
 Output Power ..... +4dBm (MAX), 0dBm (AVE), Power Class2  
 Maximum Communication range  
 ..... Line of sight approx. 10m (32.8 ft)





# SPECIFICATIONS (M,X TYPE)

## Monitor section

Picture Size ..... 6.95 inches (diagonal) wide  
 ..... 156.2 mm (W) x 82.4 mm (H)  
 Display System..... Transparent TN LCD panel  
 Drive System ..... TFT active matrix system  
 Number of Pixels.....336,960 (480H x 234V x RGB)  
 Effective Pixels ..... 99.99 %  
 Pixel Arrangement .....RGB striped arrangement  
 Back Lighting ..... Cold Cathode Fluorescent Tube

## DVD player section

D/A Converter.....24 bit  
 Audio Decoder  
 .. Linear PCM/ Dolby Digital/ dts/ MP3/ WMA/ AAC/ WAV  
 Video Decoder..... MPEG1/ MPEG2/ DivX  
 Wow & Flutter ..... Below Measurable Limit  
 Frequency Response  
 Sampling frequency; 96 kHz.....20 – 20,000 Hz  
 Sampling frequency; 48 kHz.....20 – 20,000 Hz  
 Sampling frequency; 44.1 kHz.....20 – 20,000 Hz  
 Total Harmonic Distortion..... 0.008 % (1 kHz)  
 S/N Ratio (dB)..... 98 dB (DVD-Video 96 kHz)  
 Dynamic Range ..... 98 dB (DVD-Video 96 kHz)  
 Disc Format ..... DVD-Video/ VIDEO-CD/ CD-DA  
 Sampling Frequency ..... 44.1/ 48/ 96 kHz  
 Quantifying Bit Number ..... 16/ 20/ 24 bit

## USB interface section

USB Standard ..... USB 1.1/ 2.0 High speed  
 File System ..... FAT 16/ 32  
 Maximum Power Supply Current ..... 500 mA  
 D/A Converter..... 24 Bit  
 Video Decoder..... MPEG1/ MPEG2/ DivX  
 Audio Decoder ..... MP3/ WMA/ AAC/ WAV (Linear PCM)

## SD card section (DDX7 models only)

File System ..... FAT 16/ 32  
 Capacity ..... ≤ 32 G Byte  
 Video Decoder..... MPEG1/ MPEG2/ DivX  
 Audio Decoder ..... MP3/ WMA/ AAC/ WAV (Linear PCM)

## Bluetooth section (DNX/ DDX7 models only)

Technology ..... Bluetooth Ver.1.2 Certified  
 Frequency..... 2.402 – 2.480 GHz  
 Output Power ..... +4dBm (MAX), 0dBm (AVE), Power Class2

## Maximum Communication range

..... Line of sight approx. 10m (32.8 ft)  
 Profile .....HFP (Hands Free Profile), SPP (Serial Port Profile), HSP (Headset Profile), A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile), OPP (Object Push Profile), PBAP (Phonebook Access Profile), SYNC (Synchronization Profile)

## FM tuner section

Frequency Range  
 200 kHz  
 ..... 87.9 MHz – 107.9 MHz (Region 4/ 6 models only)  
 50 kHz..... 87.5 MHz – 108.0 MHz  
 Usable Sensitivity (S/N : 30 dB) ..... 9.3 dBf (0.8  $\mu$ V/ 75  $\Omega$ )  
 Quieting Sensitivity (S/N : 50 dB) ..... 15.2 dBf (1.6  $\mu$ V/ 75  $\Omega$ )  
 Frequency Response ( $\pm$  3.0 dB).....30 Hz – 15 kHz  
 S/N Ratio (dB)..... 70 dB (MONO)  
 Selectivity ( $\pm$  400 kHz) .....  $\geq$  80 dB  
 Stereo Separation..... 35 dB (1 kHz)

## AM tuner section

Frequency Range  
 AM (10 kHz)  
 ..... 530 kHz – 1700 kHz (Region 4/ 6 models only)  
 LW (9 kHz) ..... 153 kHz – 281 kHz  
 MW (9 kHz) ..... 531 kHz – 1611 kHz  
 Usable Sensitivity  
 AM..... 28 dB $\mu$   
 LW ..... 45  $\mu$ V  
 MW..... 25  $\mu$ V

## Video section

Color System of External Video Input ..... NTSC, PAL  
 External Video Input Level (mini jack)..... 1 Vp-p/ 75  $\Omega$   
 External Audio Max Input Level (mini jack) ..... 2 V/ 25 k $\Omega$   
 Video Output Level (RCA jacks) ..... 1 Vp-p/ 75  $\Omega$   
 Audio Output Level (RCA jacks) ..... 1.2 V/ 10 k $\Omega$   
 Analog RGB input (DDX models only) ..... 0.7 Vp-p/ 75  $\Omega$

## Audio section

Maximum Power (Front & Rear) ..... 50 W x 4  
 Full Bandwidth Power (Front & Rear)  
 (4  $\Omega$ , 14.4 V, 1 % THD) ..... 22 W x 4  
 Preout Level (V) ..... 2 V/ 10 k $\Omega$   
 Preout Impedance .....  $\leq$  600  $\Omega$   
 Speaker Impedance ..... 4 – 8  $\Omega$

## SPECIFICATIONS (M,X TYPE)

### Tone action (DDX6 models only)

Bass..... 100 Hz  $\pm$  10 dB  
Middle..... 1 kHz  $\pm$  10dB  
Treble..... 10 kHz  $\pm$  10dB

### DSP Section (DNX/ DDX7 models only)

Graphics equalizer

Band ..... 5 Band  
Frequency (BAND1 – 5) ..... 62.5/ 250/ 1k/ 4k/ 16k Hz  
Gain ..... -9/ -8/ -7/ -6/ -5/ -4/ -3/ -2/ -1/  
0/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 8/ 9 dB

X'over

High pass filter  
Frequency ..... Through, 30/ 40/ 50/ 60/ 70/ 80/ 90/  
100/ 120/ 150/ 180/ 220/ 250 Hz  
Slope..... -6/ -12/ -18/ -24 dB/Oct.  
Low pass filter  
Frequency ..... 30/ 40/ 50/ 60/ 70/ 80/ 90/ 100/ 120/  
150/ 180/ 220/ 250 Hz, Through  
Slope..... -6/ -12/ -18/ -24 dB/Oct.  
Time alignment ..... 0 – 440 cm (2 cm Step)  
Position..... 0 – 170 cm (2 cm Step)

### Navigation section (DNX models only)

Receiver..... High-sensitivity GPS receiver  
Reception Frequency ..... 1575.42 MHz (C/A code)  
Acquisition Times  
Cold ..... < 38 seconds  
Factory Reset..... < 45 seconds  
(On average for a stationary receiver with a clear view of  
the sky)  
Accuracy  
Position ..... < 10 meters typical  
Velocity..... 0.05 m/sec. RMS  
Position Method ..... GPS  
Antenna ..... External GPS antenna

### External SW

Maximum Power Supply Current ..... 500 mA

### General

Operating voltage ..... 14.4 V (10.5 – 16 V allowable)  
Maximum Current Consumption ..... 15 A  
Dimensions (W  $\times$  H  $\times$  D) ..... 182  $\times$  112  $\times$  163 mm  
..... 7-3/16  $\times$  4-7/16  $\times$  6-7/16 inch  
Operational Temperature Range ..... -10  $^{\circ}$ C – +60  $^{\circ}$ C  
Storage Temperature Range ..... -20  $^{\circ}$ C – +85  $^{\circ}$ C  
Weight  
DNX models ..... 2.5 kg  
DDX models ..... 2.45 kg

### Laser section

Laser wavelength ..... 770 – 800 nm (CD)  
..... 663 – 673 nm (DVD)  
Laser power class ..... Class 1M (IEC)

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

US and foreign patents licensed from Dolby Laboratories. Although the effective pixels for the liquid crystal panel is given as 99.99% or more, 0.01% of pixels may not light or may light incorrectly.

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**DANGER:**

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

**CAUTION**

VISIBLE OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

Inside this laser product, a laser diode classified as Class 1M laser radiation is contained. Do not view directly with optical instruments.