

CD RECEIVER

KDC-MP332
KDC-MP5033
KDC-W534
KDC-W534Y

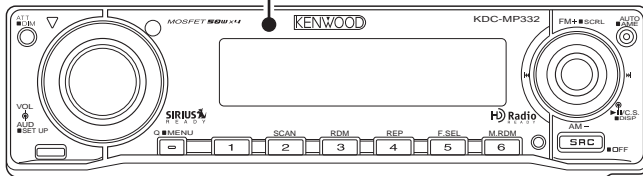
SERVICE MANUAL

KENWOOD

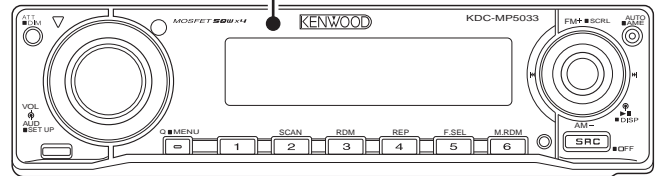
Kenwood Corporation

© 2005-12 PRINTED IN JAPAN
B53-0357-00 (N) 1613

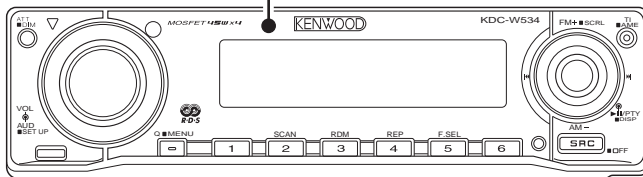
Panel assy
KDC-MP332 (A64-3755-01)



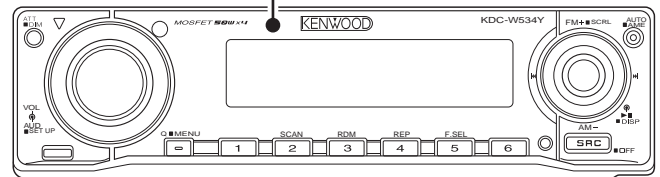
Panel assy
KDC-MP5033 (A64-3756-01)



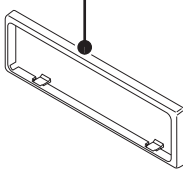
Panel assy
KDC-W534 (A64-3758-01)



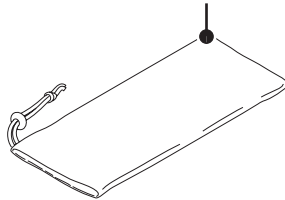
Panel assy
KDC-W534Y (A64-3767-01)



* Escutcheon
(B07-xxxx-xx)



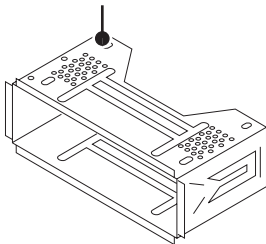
* Carrying case
(W01-1661-05)



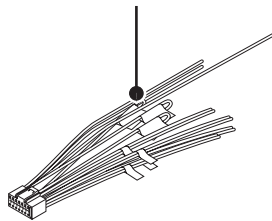
SPARE TDF PANEL

MAIN UNIT NAME	TDF PARTS No.	TDF NAME
KDC-MP332	Y33-2400-62	TDF-MP63D
KDC-MP5033	Y33-2400-63	TDF-MP5033
KDC-W534	Y33-2400-64	TDF-W534
KDC-W534Y	Y33-2400-65	TDF-W534Y

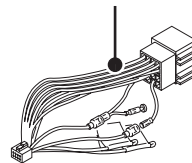
Mounting hardware assy
(J22-0011-03)



* DC cord
(E30-6415-15)



* DC cord
(E30-6427-05)



* Remote controller assy (RC-517)
(A70-2069-15)

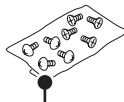


Battery
(Not supplied)

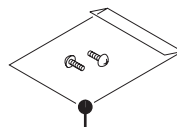
* Antenna adaptor
(T90-0523-05)



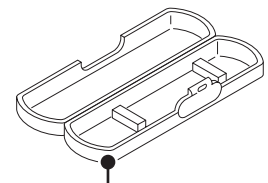
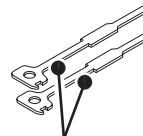
* Screw set
(N99-1757-05)



Screw set
(N99-1780-05)



Lever
(D10-4589-04) x2



* Plastic cabinet assy
(A02-2743-03)

Mounting hardware (L)
(J22-0258-04)



Mounting hardware (R)
(J22-0259-04)

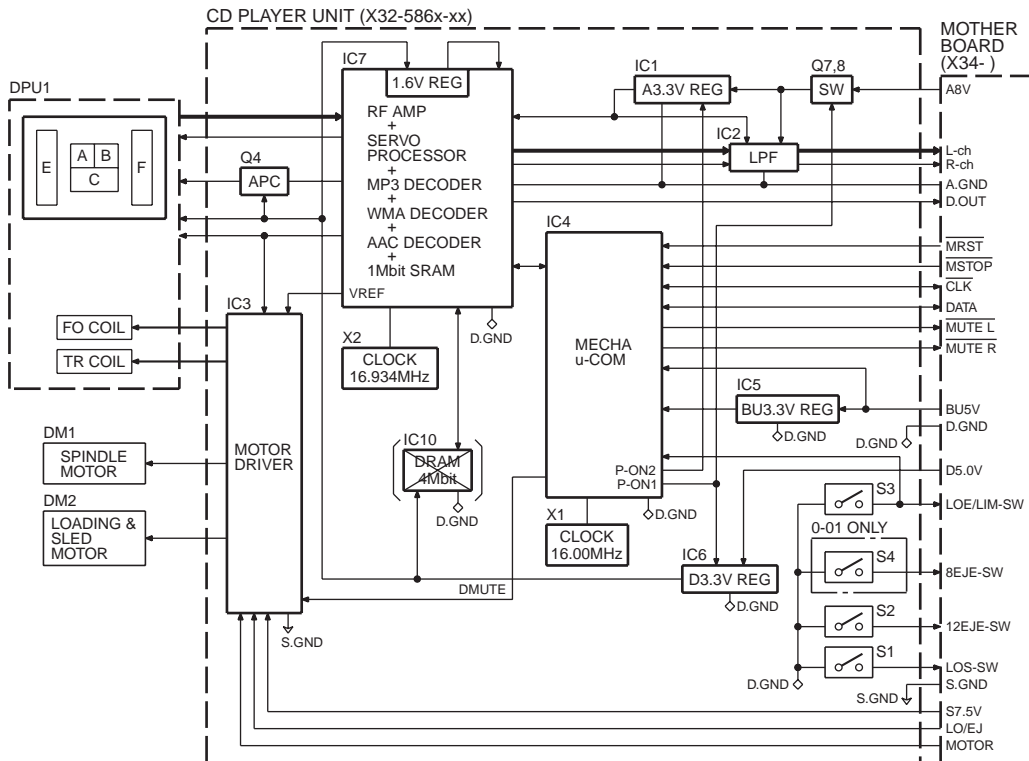
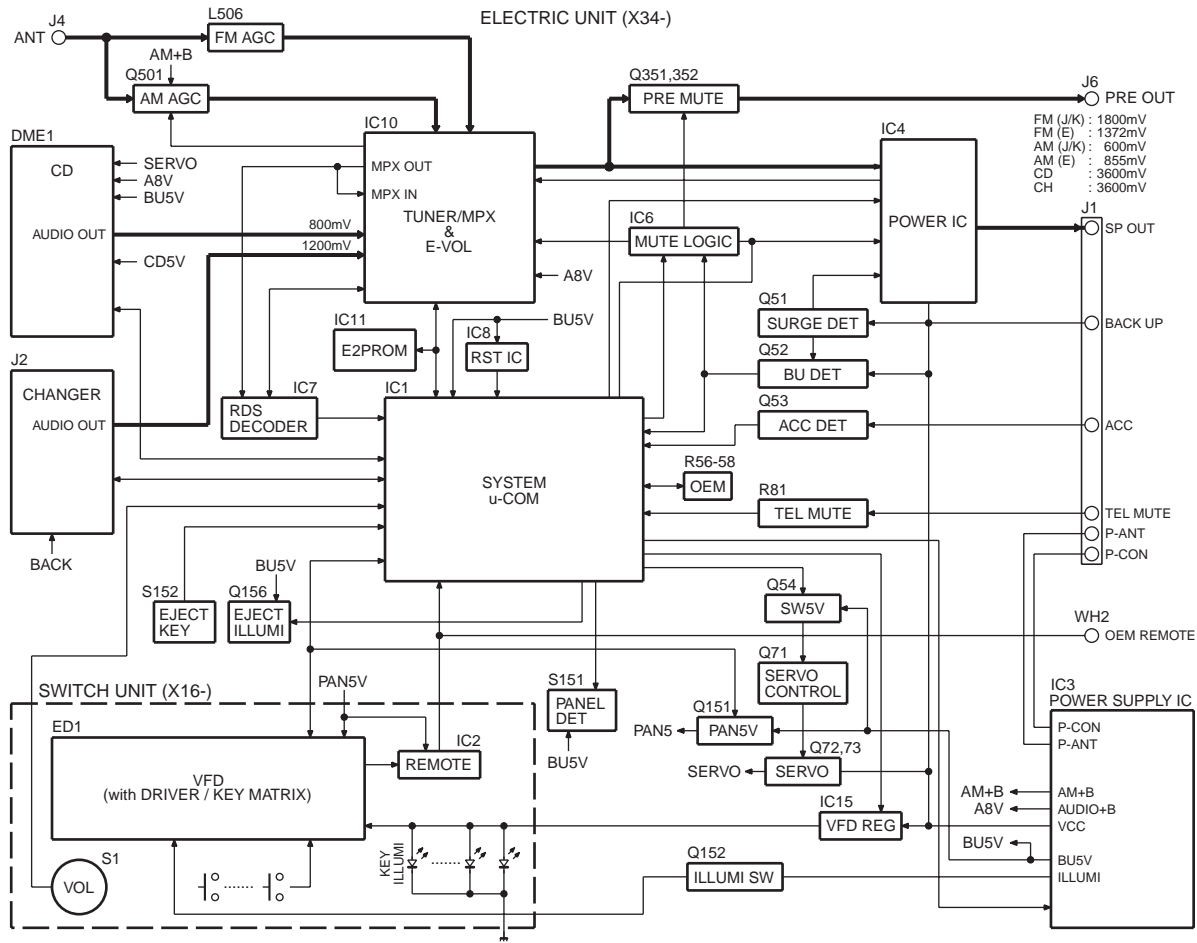


* Depends on the model. Refer to the parts list.

This product uses Lead Free solder.



BLOCK DIAGRAM



COMPONENTS DESCRIPTION

● ELECTRIC UNIT (X34-417x-xx)

Ref. No.	Application / Function	Operation / Condition
IC1	System μ -com	System controller.
IC3	Power Supply	DC5V x 1, 7.8V x 1, 8.0V x 1, 10.2V, P-CON, P-ANT output.
IC4	Power IC	Signal amplifier.
IC6	Mute logic	Controls for mute action.
IC7	RDS Decoder	RDS decoder.
IC8	Reset IC	"L": detection voltage below 3.6V
IC9	MECHA+B	Outputs 5V for CD mechanism.
IC10	E-VOL.& Tuner	E-VOL, Tuner, Stereo decoder.
IC11	E2PROM	Saves and loads for tuner adjustment data.
IC15	LED & VFD+B	Outputs 11.25V for LED and VFD.
Q51	Serge Det.	ON when the base goes "Hi".
Q52	B.U. Det.	ON when the base goes "Hi" during BU applied.
Q53	ACC Det.	ON when the base goes "Hi" during ACC applied.
Q54	BU5V SW	ON when the base goes "Lo".
Q71	Control SW for SERVO+B	ON when the base goes "Hi".
Q72,73	SERVO+B AVR	Output voltage is 7.5V.
Q74	Control SW for IC3	ON when the base goes "Hi". Output voltage is 10.2V
Q91	Control SW for IC9	ON when the base goes "Hi".
Q151	Panel 5V SW	ON when the base goes "Lo".
Q152	FL+B SW	ON when the base goes "Lo".
Q153	FL+B SW	ON when the base goes "Hi".
Q156	EJECT ILLUMI SW	ON when the base goes "Hi".
Q330	Mute driver for Q351, Q352	ON when the base goes "Lo".
Q351	Mute SW for Lch PREOUT	Audio pre-output is muted when the base goes "Hi".
Q352	Mute SW for Rch PREOUT	Audio pre-output is muted when the base goes "Hi".
Q501	AM RF Amplifier	Adjusts for gain.

● SWITCH UNIT (X16-349x-xx)

Ref. No.	Application / Function	Operation / Condition
IC2	Remote Control IC	
Q4,5	SW5V	The base of Q4 goes "L" when the base of Q5 is "H" and the power supply of IC2 is turned on.
Q10	GREEN LED SW	GREEN LED is turned on when the base level of Q10 goes "H".
Q12	GRID1 SW	When the base of Q12 is "L", the current is supplied to G1.
Q13	GRID2 SW	When the base of Q13 is "L", the current is supplied to G2.
Q14	GRID3 SW	When the base of Q14 is "L", the current is supplied to G3.
Q15	RED LED SW	RED LED is turned on when the base level of Q15 goes "H".
Q20	Key Scan Start SW	Key scan starts when the base of Q20 goes "H".

COMPONENTS DESCRIPTION

● DAUGHTER UNIT (X89-2690-10): KDC-MP332/MP5033 only

Ref. No.	Application / Function	Operation / Condition
Q221,222	2-PREOUT MUTE	"ON" when the base goes "H".
Q225	2-PREOUT MUTE	"ON" when the base goes "H".

● CD PLAYER UNIT (X32-5860-0x)

Ref. No.	Application / Function	Operation / Condition
IC1	A3.3V regulator	Power supply for audio 3.3V
IC2	Ope amp for low-pass filter	
IC3	4ch BTL driver	Driving spindle motor and loading/ejection operation
IC4	Mechanism μ -com	
IC5	BU 3.3V regulator	Power supply for backup 3.3V
IC6	D3.3V regulator	Digital 3.3V power supply
IC7	Audio DAC built-in servo DSP	MP3, WMA, and AAC compatible
IC11	Buffer IC	Level shift
Q1	A3.3V discharge circuit	
Q4	Current amp	Adjusts current to be sent to laser
Q5,6	SW 5V	
Q7,8	SW 8V	
D1	For current amp	

MICROCOMPUTER'S TERMINAL DESCRIPTION

● SYSTEM μ -com: IC1 on X34- (ELECTRIC UNIT)

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing / Operation / Description
1	DCERR	I	DC offset error detection input		
2	LINE MUTE	I	Phone detection		TEL MUTE: 1V or lower, NAVI MUTE: 2.5V or higher
3	ROTARY CW	I	Rotary encoder input		Caution when the panel is flipped down
4	AVSS	-			
5	TUN TYPE1	I	E-VOL setting switching	①	Refer to the truth value table
6	TUN TYPE2	I	E-VOL setting switching	①	Refer to the truth value table
7	AVREF1	-			
8	VFD DATAF	I	Data input from VFD		
9	VFD DATAS	I/O	Data input/output from or to VFD		
10	VFD CLK	O	Clock output to VFD		
11	$\overline{\text{VFD RST}}$	O	Reset to VFD		L: Reset, H: Normal, L: While momentary power down
12	VFD CE	O	Chip-enable output to VFD		
13	ROTARY CCW	I	Rotary encoder input		Caution when the panel is flipped down
14	$\overline{\text{FLIP DET}}$	I	Flip-down panel detection		H: PANEL released, L: PANEL attached
15	PWIC BEEP	O	Beep output		
16	LX DATA S	I	Data from slave unit		
17	LX DATA M	O	Data to slave unit		
18	LX CLK	I/O	LX-BUS clock		
19	RDS AFSL	O	Tuner RDS mute output 2	②	Refer to the truth value table
20	$\overline{\text{TUN ADJ}}$	I	For IC10 adjustment		When ADJ=H PS1-1,2=L, PS1-3=Hi-z, PS2-1,2=Hi-z, TUN DATA,CLK=Hi-z
21	TUN SD	I	Tuner search stop input		H: Station found, L: Station not found
22	LX RST	O	Forced-reset to slave unit		H: Reset, L: Normal
23	LX CON	O	Start-up request to slave unit		H: Slave unit ON, L: Slave unit OFF
24	LX REQ M	O	Communication request to the slave unit		
25	AUD SDA	I/O	Tuner & Vol I2C data input/output		
26	AUD SCL	I/O	Tuner & Vol I2C clock output		
27	PWIC STBY	O	Power IC standby output		H: POWER IC ON, L: POWER IC OFF
28	VOL MUTE	O	E-VOL mute output		Low: MUTE OFF, Hi-z: ON
29	$\overline{\text{PWIC MUTE}}$	O	Power IC mute output		L: POWER OFF, STANDBY, or TEL MUTE
30	TUN FANC OUT	O	Tuner block (in μ -com) check		L: E2P OK, H: E2P NG
31	RESET2	O	Mute for reset		Outputs L
32	RDS DATA	I	RDS decoder data input		
33	VSS1	-			
34	RDS QUAL	I	RDS decoder qualification input		
35	$\overline{\text{ACC DET}}$	I	ACC detection		L: ACC ON, H: ACC OFF
36	$\overline{\text{BU DET}}$	I	Momentary power down detection		L: BU found, H: BU not found (momentary power down)
37	$\overline{\text{PON}}$	I/O	SW5V/SW14V control		ON: L, OFF: Hi-z

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing / Operation / Description
38	PS2-2	O	Power supply control output 2-2	③	Refer to the truth value table
39	PS2-1	O	Power supply control output 2-1	③	Refer to the truth value table
40	PS1-1	O	Power supply control output 1-1	③	Refer to the truth value table
41	PS1-2	O	Power supply control output 1-2	③	Refer to the truth value table
42	PS1-3	O	Power supply control output 1-3	③	Refer to the truth value table
43	$\overline{\text{KEY CDEJ}}$	I	Flip-down panel eject key		L: EJECT
44	PON CD	I/O	Power supply control for MP3		ON: L, OFF: Hi-z
45	CD MUTE	I	CD mute request		L: MUTE request
46	$\overline{\text{CD MSTOP}}$	O	CD mechanism μ -com stop		H: Mechanism μ -com in operation, L: Mechanism μ -com stopped
47	CD LOE LIM SW	I	CD detection (chucking SW)		H: Loading completed, L: Disc not found
48	CD LOEJ	I/O	CD motor control	④	Refer to the truth value table
49	CD MOTOR	O	CD motor control	④	Refer to the truth value table
50	CD DISC8 SW	I	8cm disc detection (not used)		
51	$\overline{\text{CD MRST}}$	O	CD mechanism μ -com reset		H: Normal, L: Reset
52	CD SCL	I/O	CD mechanism I2C clock output		
53	CD DISC12 SW	I	12cm disc detection		
54	CD LOS SW	I	CD loading detection		
55	CD SDA	I/O	CD mechanism I2C clock input/output		
56	OEM DISP CE	I/O	External display chip enable		External display
57	OEM DISP CLK	I/O	External display clock		External display
58	OEM DISP DATA	I/O	External display data		External display
59	EJECT ILLUMI	O	Eject illumi control and DSI for flip-down panel		H: LED ON, L: LED OFF On when FLIP DET=H and PANEL DET=L Blink when FLIP DET=H and PANEL DET=H
60	RESET	-			
61	$\overline{\text{PANEL DET}}$	I	Flip-down panel detection		H: Flip-down panel detached, L: Flip-down panel attached
62	$\overline{\text{PON FL}}$	O	Power supply for display		H: ON, H: OFF, L: When FLIP-DOWN DET H, H: When FLIP-DOWN DET L
63	KEY REQ	I	Communication request from VFD		L: KEY input
64	RDS CLK	I	RDS decoder clock input		
65	REMO	I	Remote control input		
66	LX REQ S	I	Communication request from slave unit		
67	VSS0	-			
68	VDD1	-			
69	X2	-			
70	X1	-			
71	TEST	-			
72	XT2	-			
73	XT1	-			

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Truth Value Table	Processing / Operation / Description
74	VDD0	-			
75	AVDD	-			
76	TYPE 3	I	Destination switching	⑤	Refer to the truth value table
77	TYPE 2	I	Destination switching	⑤	Refer to the truth value table
78	TYPE 1	I	Destination switching	⑤	Refer to the truth value table
79	RDS NOISE	I	Tuner quality (noise) input		
80	TUN SMETER	I	Tuner S meter input		

Truth Value Table

① : Tuner type

	TYPE 1	TYPE 2
Kenwood brand model (initial value)	L	L
OEM model (with CRSC changed)	L	H
Kenwood brand model (with CRSC changed)	H	L
Kenwood brand model (to support test-driving in EU)	H	H

② : AFSL pin (AF search)

High	Normal communication	IC10 side: High
Low	AF search destination's reception status checking and AF search	IC10 side: Middle

② : μ -com control

	AFSL
High	Hi-z
Low	L

③ : Power supply IC (IC3) control

SW1 (Pin No. 10)

PS1-1	PS1-2	PS1-3	AUDIO	P-CON	P-ANT
L	L	L	OFF	OFF	OFF
H	L	L	ON	OFF	OFF
H	H	L	ON	ON	OFF
H	H	H	ON	ON	ON

SW2 (Pin No. 11)

PS2-1	PS2-2	ILLUMI	FM+B	AM+B
L	L	OFF	OFF	OFF
H	L	ON	ON	OFF
H	H	ON	OFF	ON

④ : CD mechanism control operation

CD LOEJ	CD MOTOR	CD mechanism operation
L	H	Load
H	H	Eject
Hi-z	L	Stop
Hi-z	H	Brake

⑤ : Destination switching

TYPE3	TYPE2	TYPE1	Destination	Model
0	0	0	K	KDC-MP332
0	0	1	-	-
0	1	0	M	KDC-MP5033
0	1	1	-	-
1	0	0	E	KDC-W534
1	0	1	E	KDC-W534Y
1	1	0	-	-
1	1	1	-	-

MICROCOMPUTER'S TERMINAL DESCRIPTION

● MECHANISM μ -com : IC4 on X32- (CD PLAYER UNIT)

Pin No.	Pin Name	I/O	Application	Processing Operation Description	Remarks
1	NC	-	Not used.	Low-fixed	
2	E2P SCL	I/O	Rom correction E2P I2C clock		
3~5	NC	-	Not used	Low-fixed	
6	VDD	-	5V electric potential		
7	GND	-	GND electric potential		
8,9	NC	-	Not used	Low-fixed	
10,11	PON1,PON2	O	Power ON/OFF control	H : ON, L : OFF	
12	LOE/LIM SW	I	Down-limit SW detection	L : Lim detection	
13	DAC MUTE	O	DAC MUTE control	H : MUTE ON, L : MUTE OFF	Used with DXM-6680W (X32-586). With DXM-6580W (X32-574), open and L-fixed.
14	DAC RST	O	DAC RESET	H : NORMAL, L : RESET	Used with DXM-6680W (X32-586). With DXM-6580W (X32-574), open and L-fixed.
15	EMPH	O	External DAC Emphasis control	H : Emphasis ON, L : Emphasis OFF	Used with DXM-6680W (X32-586). With DXM-6580W (X32-574), open and L-fixed.
16,17	NC	-	Not used	Low-fixed	
18	IC/Vpp	-	Write voltage (FLASH)	L : Normal operation, H : In writing	
19	MUTE L	O	Lch audio MUTE control	L : MUTE ON, H : MUTE OFF	
20	MUTE R	O	Rch audio MUTE control	L : MUTE ON, H : MUTE OFF	
21	TYPE	I	DAC switching	H : DSP built-in DAC used, L : DSP built-in DAC Not used	H : DXM-6580W (X32-574), L : DXM-6680W (X32-586)
22	TEST O 1	O	TEST MODE O 1	(Not used)	
23	TEST O 2	O	TEST MODE O 2	(Not used)	
24	TEST O 3	O	TEST MODE O 3	(Not used)	
25	TEST O 4	O	TEST MODE O 4	(Not used)	
26	NC	-	Not used.	Low-fixed	
27	WAIT	I	Wait control signal detection		
28~30	NC	-	Not used	Low-fixed	
31	RESET	I	Reset detection	H : NORMAL, L : RESET	
32	XT1	I	Not used		
33	XT2	-	Not used		
34	REGC	-			
35	X2	-			
36	X1	I			
37	Vss	-	GND electric potential		
38	VDD	-	5V electric potential		
39	NC	-	NC	Output stopped in standby	3.3V driven
40	WRL	I	Multiplex WRITE signal		3.3V driven

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Application	Processing Operation Description	Remarks
41,42	NC	-	Not used	Low-fixed	3.3V driven
43	RD	O	Multiplex RD signal		3.3V driven
44	ASTB	O	Multiplex ASTB signal		3.3V driven
45	NC	-	Not used	Low-fixed	3.3V driven
46	NC	-	Not used	Low-fixed	3.3V driven
47~54	AD0~AD7	I/O	Multiplex address/data		3.3V driven
55	BVdd	-	BUS interface power supply		
56	BVss	-	BUS interface GND		
57~61	AB8~AB12	I/O	Multiplex data/address		3.3V driven
62~65	NC	-	Not used	Low-fixed	3.3V driven
66	CS	O	Chip select control	H : OFF, L : ON	3.3V driven
67	DSP RESET	O	DSP reset control	H : NORMAL, L : RESET	3.3V driven
68~70	NC	-	Not used	Low-fixed	3.3V driven
71	Avdd	-			
72	Avss	-			
73	Avref	I	A/D port reference voltage input		
74	NC	-	Not used	Low-fixed	
75	RAMSEL	I	With DRAM/No DRAM switching for different models	H : With DRAM, L : No DRAM	
76	RZM	I	0bit MUTE detection	H : $\geq 1.7V$, L : $< 1.7V$	
77	LZM	I	0bit MUTE detection	H : $\geq 1.7V$, L : $< 1.7V$	
78	AAC	I	AAC compatibility switching	H : AAC non-compatible, L : AAC compatible	AAC non-compatible mode has priority for both hardware and software.
79	ASEL	I	Audio output polarity switching	H : Reverse output, L : Non-reverse output	
80	E2P WR	I	E2PROM write switching	H : E2PROM WRITE, L : NORMAL	
81	TEST I 0	I	TEST MODE I 0	(Not used)	
82	TEST I 1	I	TEST MODE I 1	(Not used)	
83	TEST I 2	I	TEST MODE I 2	(Not used)	
84	TEST I 3	I	TEST MODE I 3	(Not used)	
85,86	NC	-	Not used	Low-fixed	
87	MSTOP	I	Standby restart interruption	H : STOP release, L : STOP	
88	INTSV	I	Interruption from servo IC	H : Interruption	
89~92	NC	-	Not used	Low-fixed	
93	D-MUTE	O	Driver MUTE	H : OFF, L : ON	
94	SYS SDA	I/O	System μ -com I2C data		Flash write port (S10)
95	NC	-	Not used	Low-fixed	Flash write port (SO0)
96	SYS SCL	I/O	System μ -com I2C clock		Flash write port (SCK0)
97~99	NC	-	Not used	Low-fixed	
100	E2P SDA	I/O	ROM correction E2P I2C data		

TEST MODE

● How to enter the test mode

Press and hold the [1] and [3] keys and reset.
(While “— — —” is being displayed, power can be ON for 30 minutes.)

● How to clear the test mode

Reset. (Not cancelled by Power OFF or ACC OFF.)

● Test mode default condition

- Source is STANDBY.
- Display lights are all turned on.
- The volume is at -10dB (The display is 30).
- LOUD is OFF.
- CRSC is off regardless of the availability of switching function.
- SYSTEM Q is NATURAL (=FLAT).
- BEEP always functions when the key is pressed while in sources other than STANDBY.

● Specification of test mode for tuner

1) K3I forced switching

- [6] key in TUNER mode switches AUTO → forced narrow → forced middle → forced wide.
- When K3I AUTO, if PTY dot is off, filter value read from FAST4 is displayed. If force-set, PTY dot is lit and the setting value is displayed. (Either of FORCED K3I or AUTO K3I is determined by the PTY dot being on or off.)
Wide : “FMW 98.1”
Middle : “FMM 98.1”
Narrow : “FMN 98.1”

2) RDS automatic measurement (KDC-W534/Y only)

- TUNER mode [4] key frequency shall be 98.3MHz.
- When RDS data (“RDS TEST”) is received, P. CON is set to OFF.

● CD receiver test mode specification

- Display mode default setting shall be P-TIME.
- Forced ejection is prohibited while reset-starting. Note that CD is not to be recognized by reset while it is inserted.
- Jumps to the following tracks by pressing the [▶▶] key.
No. 9 → No. 15 → No. 10 → No. 11 → No. 12 → No. 13 →
No. 22 → No. 14 → No. 9 (Recursive)
Note that when playing an MP3 / WMA / AAC disc with 8 files or less, the disc is played from the 1st track in the normal order.

- Pressing the [◀◀] key goes back by 1 track from the track being played.
- While in CD source, press the [1] key to jump to No. 28.
- While in CD source, press the [2] key to jump to No. 14.
- While in CD source, press the [6] key to jump to No. 15. At this time, the volume value is set to 25.

● AUDIO adjust mode

- Press the [AUD] key and enter the audio adjustment mode.
- Press the remote control [*] key and [AUD] key to go into the audio adjustment mode.
- Both AUDIO FUNCTION MODE and SETUP MODE adjustment items are included.
- By pressing [AUD] and [FM] keys, switch the item to be adjusted in the following order. (Only in forward rotation)
The default item shall be Fader, and then the item is forwarded in the following order: Balance → Bass Level → Middle Level → Treble Level.
- Continuous forwarding by remote control is prohibited.
- Fader is adjusted by the VOL knob and [◀◀] / [▶▶] keys in 3 steps: R15 ↔ 0 ↔ F15. (Default value: 0)
- Balance is adjusted by the VOL knob and [◀◀] / [▶▶] keys in 3 steps: L15 ↔ 0 ↔ R15. (Default value: 0)
- Bass/Middle/Treble are adjusted by the VOL knob and [◀◀] / [▶▶] keys in 3 steps: -8 ↔ 0 ↔ +8. (Default value: 0)
- Volume Offset is adjusted by the VOL knob and [◀◀] / [▶▶] keys in 2 steps: -8 ↔ 0. (Default value: 0)
- Loudness ON/OFF is adjusted by the VOL knob and [◀◀] / [▶▶] keys in 2 steps: OFF ↔ ON. (Default value: OFF)

● MENU

- Press the [Q] key to enter the MENU.
- Press the remote control [DNPP/SBF] key to enter the MENU.
- Continuous forwarding by remote control is prohibited.

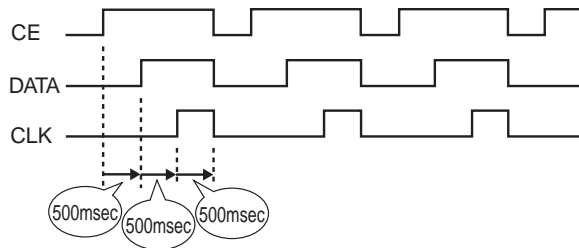
● Backup current measurement

If reset while in Acc OFF (Back Up ON) condition, MUTE terminal goes off 2 seconds later, rather than 15 seconds. (During this time, the CD mechanism does not function.)

TEST MODE

● OEM display communication

OEM display communication line while in test mode outputs the following.
(Communication line output condition is switched every 500m sec.)



● Initializing AUDIO-related setting value

Press the [▶▶] key in the STANDBY source and reset the AUDIO setting value to the test mode default value.

● Other

- When Power ON, do not display “CODE_OFF” and “CODE_ON”.
- When the source is STANDBY, press [AUTO] or [TI] key to switch key illumination GREEN/RED. (in the model with ILLUMI switching function)
- When started in Test Mode, duration of prohibiting LINE MUTE shall be changed from 10 seconds to 1 second.
- While in Test Mode, serial number is not written with a serial-number-writing jig.
- When in Test Mode, when DC offset error detection is run, the detection information is not written into the E2PROM.
- DEMO mode shall not be operated while in Test Mode, CD Mechanism Error Log Data Clearing Mode, or DC Offset Error Detection Data Clearing Mode.

● Special displays while all lights are on

When all lights are on with STANDBY source, if the following keys are pressed, the following messages are displayed.

[1] key	Version is displayed (forwarding) (Display) TYPE : x_ _ _ (“x” is displayed in hexadecimals) → 070710 : 10 (Date (xxxx) Time (xx : xx)) → All lights are on → * TYPE indicates μ-com destination, and shows real-time condition of the destination terminal.
[2] key	Serial No. is displayed (8 digits) (Display) xxxxxxxx

[3] key	Key pressed: Power ON time is displayed. While Power ON time is displayed, press and hold for 2 seconds or longer to clear the Power ON time. (Display) PON_0Hxx (00~50 is displayed for “xx”) xxxxx (00001~10922 is displayed for “xxxxxx”) MAX 10922 (hours)
[4] key	Key pressed: CD operation time is displayed. While CD operation time is displayed, press and hold for 2 seconds or longer to clear the CD operation time. (Display) CDT_0Hxx (00~50 is displayed for “xx”) xxxxx (00001~10922 is displayed for “xxxxxx”) MAX 10922 (hours)
[5] key	Key pressed: Number of CD EJECT times is displayed. While the CD EJECT times is displayed, press and hold for 2 seconds or longer to clear the number of CD EJECT time. (Display) EJCxxxxx MAX 65535 (times)
[6] key	Key pressed: Number of times panel is opened/closed is displayed. While the number of times panel is opened/closed is displayed, press and hold for 2 seconds or longer to clear the value. (Display) PC_xxxxxx MAX 65535 (times)
[FM] key	ROM correction version is displayed (Display) ROM_R123 ROM_R --- (When not written in) ROM_R * * * (When data not matching)
[AM] key	FAST4 adjustment status “E2P_OK”: Adjustment completed “E2P_ER”: E2PROM values are still default (not determined) “I2C_ER” : Cannot communication with FAST4/E2PROM * If “E2P_OK”, Pin 30 (TUN FANC OUT) should be output as “H”.
[▶▶] key	AUDIO data initialization (Display) AUD_INIT

TEST MODE

[◀◀]	Key pressed: Forced Power OFF data displayed. While the forced power OFF data is displayed, press and hold for 2 seconds or longer to clear the data. (Display) POFF_ _ _ _ (No Forced Power OFF) SEC (Forced Power OFF because of missing Security Code) PNL (Forced Power OFF because of system μ-com and panel communication error)
[▶▶]	Key pressed: CD information display mode ON/OFF While in CD information display mode, press and hold for 2 seconds or longer to clear all CD information. * Please refer to the following "CD information display mode".

↓	CD time code error count data display (count not updated)
[FM]	(switched by [◀◀] / [▶▶] keys)
key	(Display) CNT_STAY ↔ CDDA_ _ : xx ↔ CDROM_ : xx ↔ CNT_STAY ↔ (Number of times is displayed for "xx") MAX 99 (times)

● Security

1) How to enter the forced POWER ON mode

While " _ _ _ " is being displayed, while simultaneously pressing [Q] key and [4] key, press [RESET] button, With this, it is possible to turn the power on for 30 minutes only.

2) How to register the security code on the "Car Audio Passport" sheet after replacing E2PROM (IC11) (For models of destination "E" or "M")

1. Enter the test mode. (Refer to "How to enter the test mode".)
2. In the test mode, press [Q] key to enter the MENU mode. When "CODE_SET" is displayed, press [▶▶] key for 1 second or longer to enter the security registration mode.
3. Input the security code, using [FM] / [AM] / [◀◀] / [▶▶] keys. [FM] key: number up / [AM] key: number down [▶▶] key: cursor to right / [◀◀] key: cursor to left
4. After inputting the code, press [▶▶] key for 3 seconds or longer which causes "RE-ENTER" to be displayed. This is for "confirming" the code. Use the method in the step 3 to re-enter the code.
5. Then, press [▶▶] key for 3 seconds or longer, which will display "APPROVED". This completes the security code registration.
6. Release the test mode. (Refer to "How to clear the test mode".)

* All clear cannot be used to clear the security code.

3) How to clear the programmable security code (For KDC-MP332)

* Operation 1

1. While " _ _ _ " is being displayed, press [▶▶] key for 3 seconds or longer while pressing the [AUTO] key. This makes the " _ _ _ " display disappear.

CD information display mode

	I2C communication condition display (Display) I2C_OK_ _ NG
[AM]	CD mechanism error log display (switched by [◀◀] / [▶▶] keys) ↑ (Display) MCERR1: x x ↔ MCERR2: x x ↔ MCERR3: x x ↔ MCERR1: x x ↔ (" _ _ " or the error code is displayed for "xx")
	CD loading error log display (switched by [◀◀] / [▶▶] keys) (Display) LDERR1: x x ↔ LDERR2: x x ↔ LDERR1: x x ↔ (Number of times is displayed for "xx") MAX 99 (times)
	CD ejection error log display (switched by [◀◀] / [▶▶] keys) (Display) EJERR1: x x ↔ EJERR2: x x ↔ EJERR3: x x ↔ EJERR4: x x ↔ EJERR1: x x ↔ (Number of times is displayed for "xx") MAX 99 (times)
	CD time code error count data display (missing counts) (switched by [◀◀] / [▶▶] keys) (Display) CNT_LOSE ↔ CDDA_ _ : xx ↔ CDROM_ : xx ↔ CNT_LOSE ↔ (Number of times is displayed for "xx") MAX 99 (times)

TEST MODE

2. Input "KCAR", using the remote controller.
Press [5] key of the remote controller twice (Input for "K") and press [▶▶] key.
Press [2] key of the remote controller 3 times (Input for "C") and press [▶▶] key.
Press [2] key of the remote controller once (Input for "A") and press [▶▶] key.
Press [7] key of the remote controller twice (Input for "R") and press [▶▶] key.
3. The security is cleared and the unit enters STANDBY source.
4. If wrong codes are input, "----" will be displayed again.

* Operation 2

1. After code has been registered, in STANDBY source, press and hold the [Q] key for 1 second or longer to go into the MENU. While "CODE_CLR" is displayed, press the [▶▶] keys for 1 second or longer to cancel the security code.
2. Input pre-registered code, using [FM] / [AM] / [◀◀] / [▶▶] keys.
[FM] key: numbers go up / [AM] key: numbers go down [▶▶] key: cursor moved to the right / [◀◀] key: cursor moved to the left
3. Press the [▶▶] key for 3 seconds or longer and "CLEAR" is displayed.
4. When the input code is not registered, "ERROR" is displayed. Go back to the step 2 and input the code again.

● Clearing CD mechanism information and service information (Clearing E2PROM data)

1. While pressing the [Q] key and [ATT] key, reset-start to start CD mechanism and service information initialization.
(While "----" is being displayed, power can be ON for 30 minutes.)
[CD mechanism information]
 - Displays I2C communication condition
 - Displays CD mechanism error log
 - Displays CD loading error data.
 - Displays CD ejection error data
 - Displays CD time code error count data (missing count)
 - Displays CD time code error count data (count not updated)
[Service information]
 - Displays power ON time is displayed
 - Displays CD operation time
 - Displays number of CD EJECT times
 - Displays number of times panel was opened/closed
 - Displays forced Power OFF data

2. After the initialization process is completed, the following is displayed.
When successfully completed : "CD_O_ _ _"
When finished but unsuccessful : "CD_X_ _ _"
3. This mode is cancelled by resetting. (The last screen will not be retained.)

● Clearing DC offset error detection data (E2PROM data clearing)

If DC voltage difference (DC offset error) is detected between audio power amplifier (power IC) ± outputs, "DC_ERR_" is displayed on the display. When this occurs, the audio is forced-mute and the display displays only "DC_ERR_".

Once this product detected a DC offset error, even if it is restarted (or reset), its display displays "DC_ERR_".

However, if the error is detected while in Test Mode, it is not saved in E2PROM.

1. Press and hold [3] and [6] keys and reset-start to go into the DC offset error display mode.
(While "----" is being displayed, power can be ON for 30 minutes.)
2. While in STANDBY source, the current DC offset error condition is displayed.
When detected : "DC_ERR_"
When not detected: "DC_OK_ _ _"
3. While error condition is being displayed, press [AUTO] or [TI] key to clear the detection data. (Clear E2PROM)
4. DC offset error display mode is cancelled by resetting. (The last screen will not be retained.)

● FM/AM channel space switching (KDC-MP332/MP5033 only)

While power is OFF, press and hold [1] and [5] keys, and press [SRC] key to power ON.

● Frequency forced display mode ON (KDC-W534/Y only)

While in STANDBY source, press [1] and [6] keys for 1 second or longer.

TEST MODE

● FAST4 software-mute adjustment mode

1. Press and hold [1] and [6] keys and reset-start to go into the FAST4 software mute adjustment mode.

Default setting

LOUD: OFF

FM band reception frequency: 98.3MHz

2. While in STANDBY source, "TUN_ADJ", While in TUNER source, "S-*_D-*" is displayed.
3. While in TUNER source, press [FM] / [AM] / [◀] / [▶] keys to input the adjustment value.
 - Start point: [◀] / [▶] keys (0~7) "S-*"
 - Convergent point: [FM] / [AM] key (0~F) "D-*"
 - Press the [4] key and call up 98.3MHz.
4. Press and hold [6] key for 2 seconds or longer to write the adjustment value into E2PROM, and "EP_WRITE" is displayed.
5. This mode is cancelled by resetting.

● Settings for OEM

Use pin 2 on the system μ -com to support OEM model.

TUN TYPE1 (Pin 5)	TUN TYPE2 (Pin 6)	Description
Low	Low	① KENWOOD brand model
High	Low	② KENWOOD brand model (with CRSC changed)
Low	High	③ OEM model (with CRSC changed)
High	High	④ KENWOOD brand model (Test-driving in EU)

ADJUSTMENT

After replacing the following parts, adjust as follows.

REPLACED PARTS		ADJUSTMENT ITEMS		
Ref. No.	Function / Parts name	1st AM MIX	2nd AM MIX	FM antenna
IC10	E-VOL & TUNER	YES	YES	YES
IC11	E2PROM	YES	YES	YES
L507	VCO COIL	YES	YES	YES
L508	1st AM MIX IFT	YES	-	-
L509	2nd AM MIX IFT	-	YES	-
L518	FM ANTENNA COIL	-	-	YES
D504	VARIABLE CAPACITANCE DIODE	YES	YES	YES
D506	VARIABLE CAPACITANCE DIODE	YES	YES	YES
X501	CRYSTAL RESONATOR	YES	YES	YES

● 1st AM MIX / 2nd AM MIX ADJUSTMENT

ADJUSTMENT POINT : L508 (1st AM MIX) / L509 (2nd AM MIX)

VOLTAGE VALUE CHECK POINT : S-METER check land (X34-)
Adjust so that S-METER voltage value becomes maximum.

• SG setting

DESTINATION	FREQUENCY	MODULATION	ANTENNA INPUT
Europe	999kHz	OFF	35dB μ V (EMF)
Except Europe	1000kHz	OFF	35dB μ V (EMF)

● FM ANTENNA ADJUSTMENT

ADJUSTMENT POINT : L518

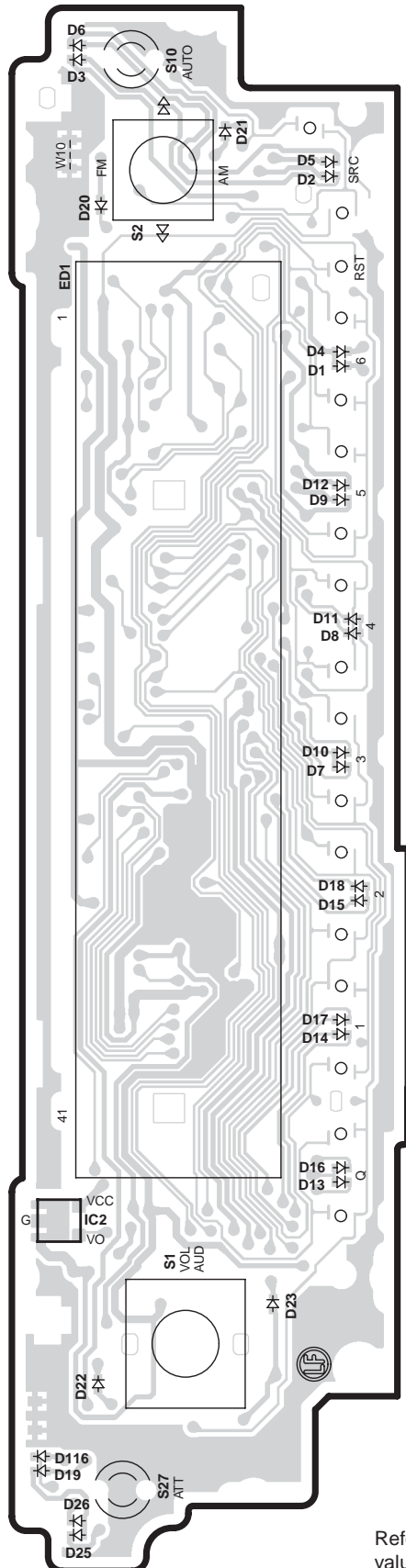
VOLTAGE VALUE CHECK POINT : S-METER check land (X34-)
Adjust so that S-METER voltage value becomes maximum.

• SG setting

DESTINATION	FREQUENCY	MODULATION	ANTENNA INPUT
Europe	87.5MHz	OFF	5dB μ V (LOAD) or 11dB μ V (EMF)
Except Europe	87.9MHz	OFF	5dB μ V (LOAD) or 11dB μ V (EMF)

PC BOARD (COMPONENT SIDE VIEW)

SWITCH UNIT
X16-349x-xx (J76-0165-02)

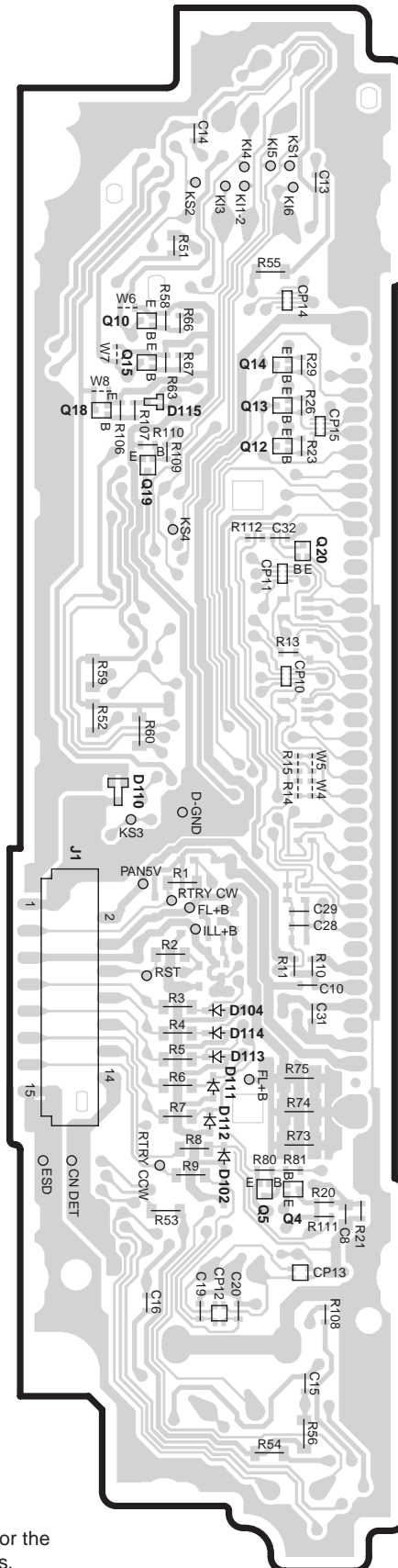


X16-349x-xx

Ref. No.	Address
IC2	6A

(FOIL SIDE VIEW)

SWITCH UNIT
X16-349x-xx (J76-0165-02)



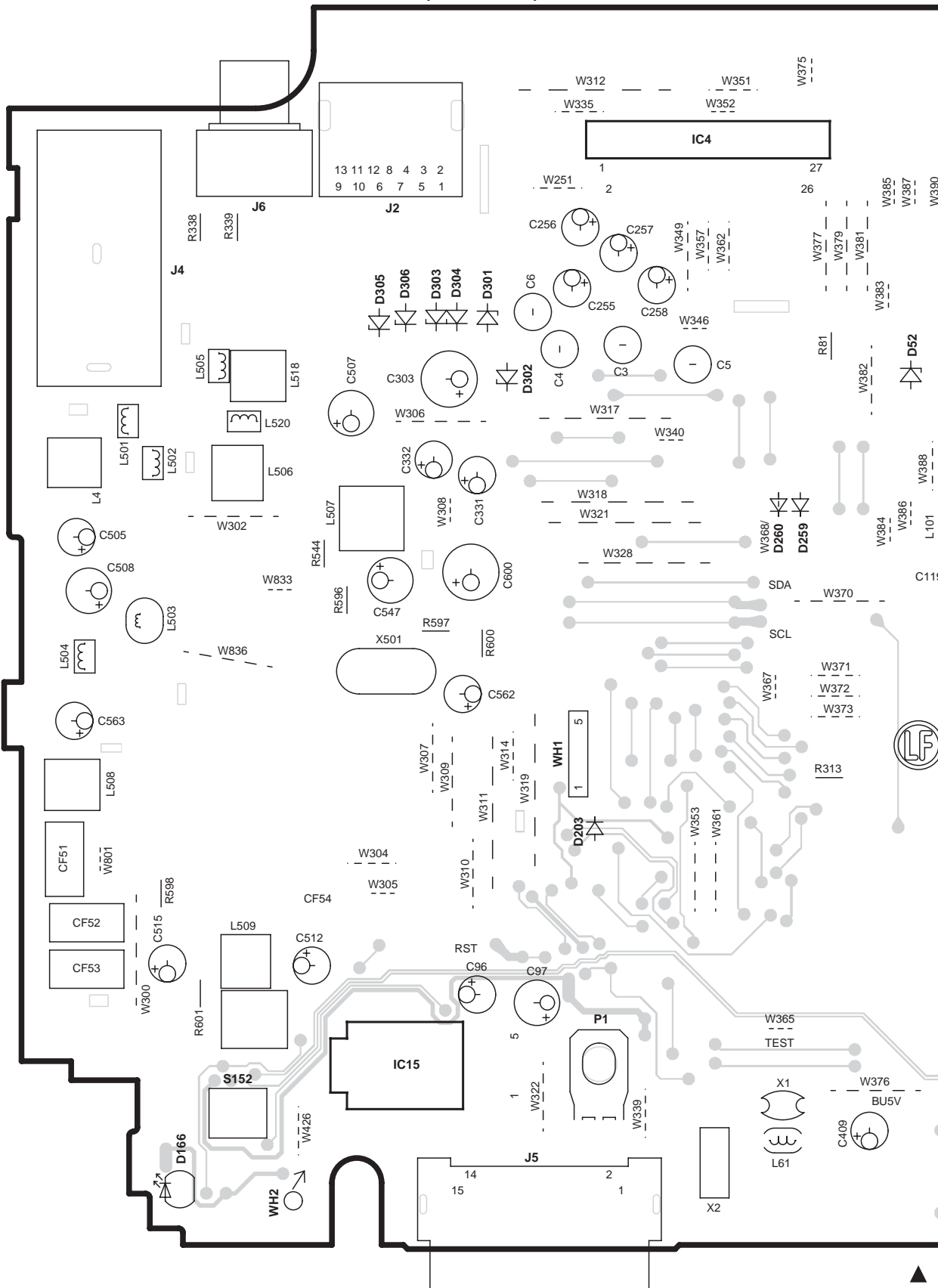
X16-349x-xx

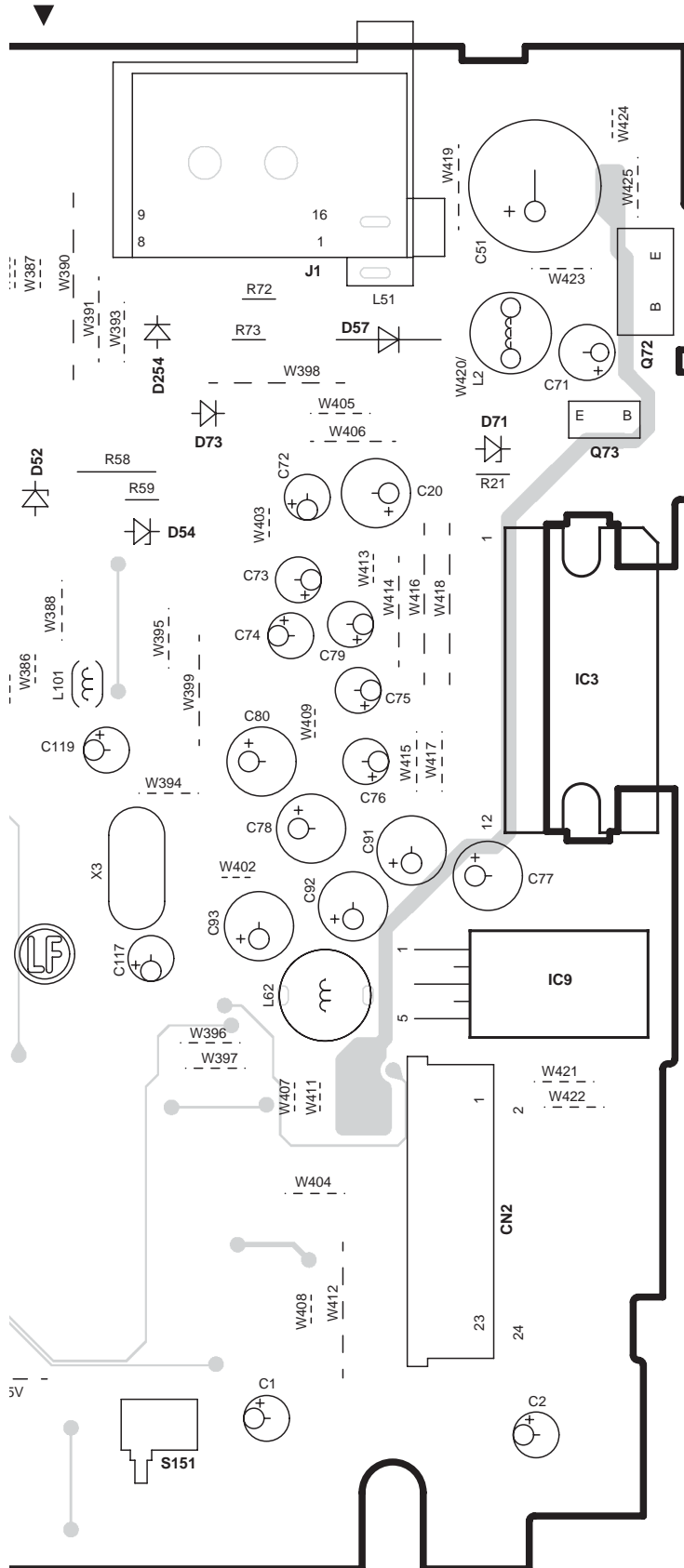
Ref. No.	Address
Q4	6D
Q5	6D
Q10	3C
Q12	3D
Q13	3D
Q14	3D
Q15	3C
Q20	3D

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

PC BOARD (COMPONENT SIDE VIEW)

ELECTRIC UNIT
X34-417x-xx (J76-0225-02)





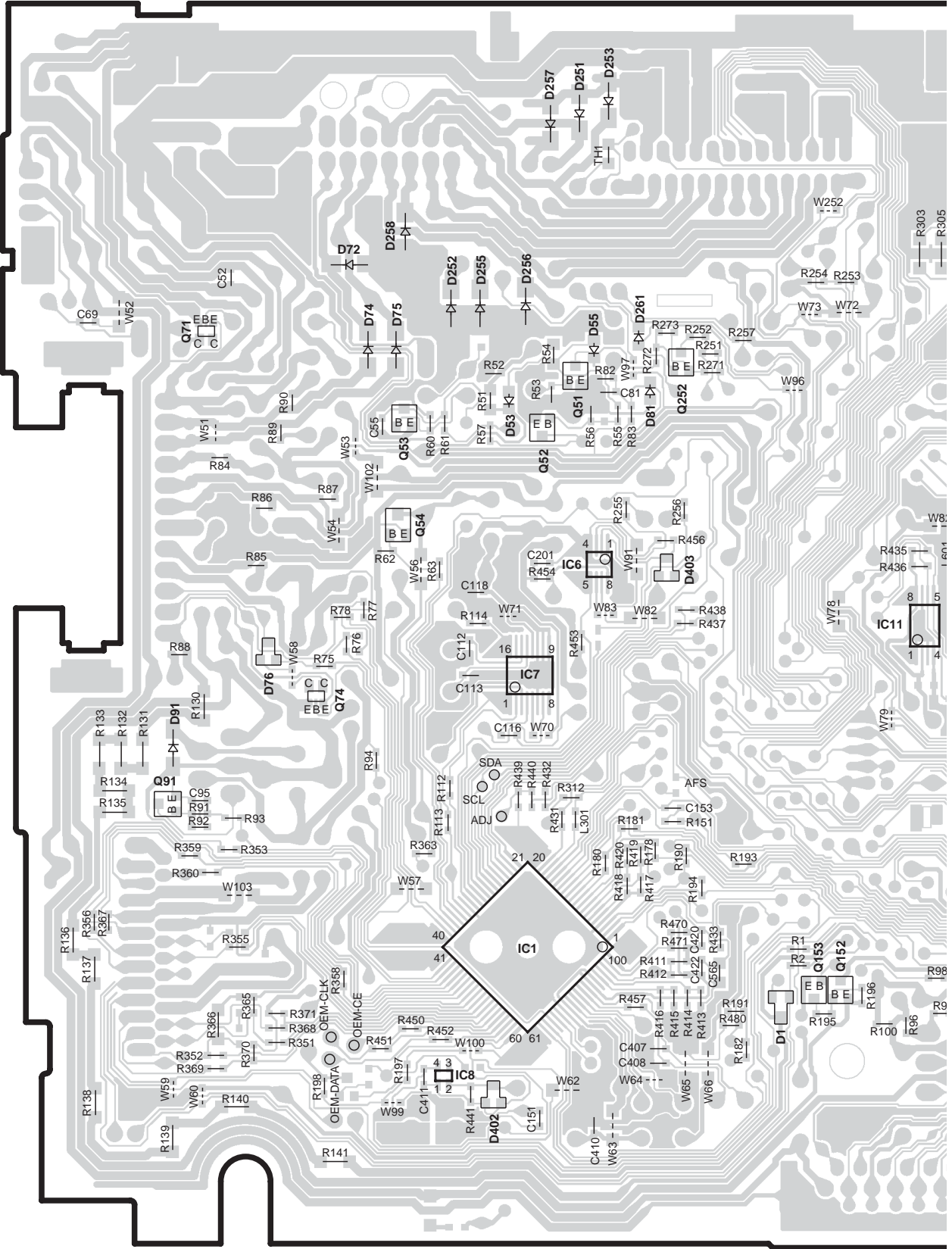
X34-417x-xx

Ref. No.	Address
IC3	4M
IC4	2I
IC9	5L
IC15	6H
Q72	3M
Q73	3M

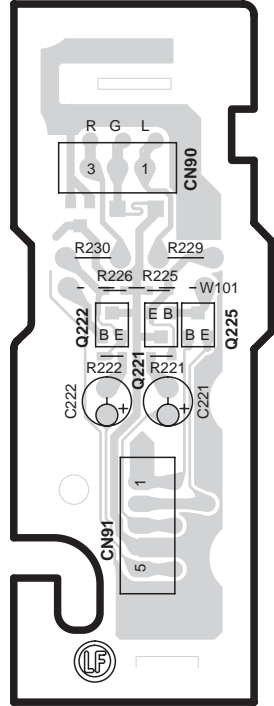
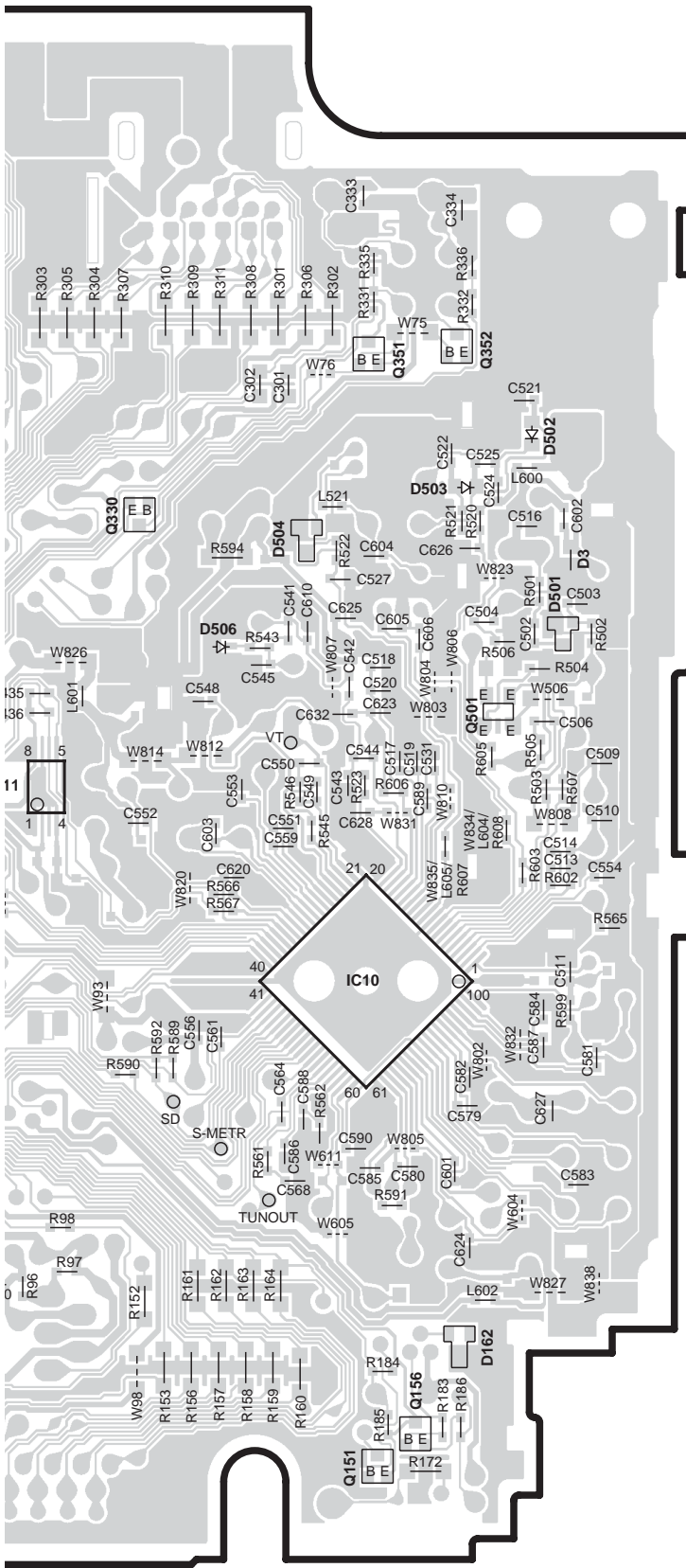
Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

ELECTRIC UNIT
X34-417x-xx (J76-0225-02)



DAUGHTER UNIT
X89-2690-10
(J76-0057-02)



X34-417x-xx

Ref. No.	Address
IC1	6S
IC6	4S
IC7	4S
IC8	6R
IC10	5V
IC11	4T
Q51	3S
Q52	3S
Q53	3R
Q54	4R
Q71	3Q
Q74	5R
Q91	5Q
Q151	7V
Q152	6T
Q153	6T
Q156	6V
Q330	3U
Q351	3V
Q352	3V
Q501	4V

X89-2690-10

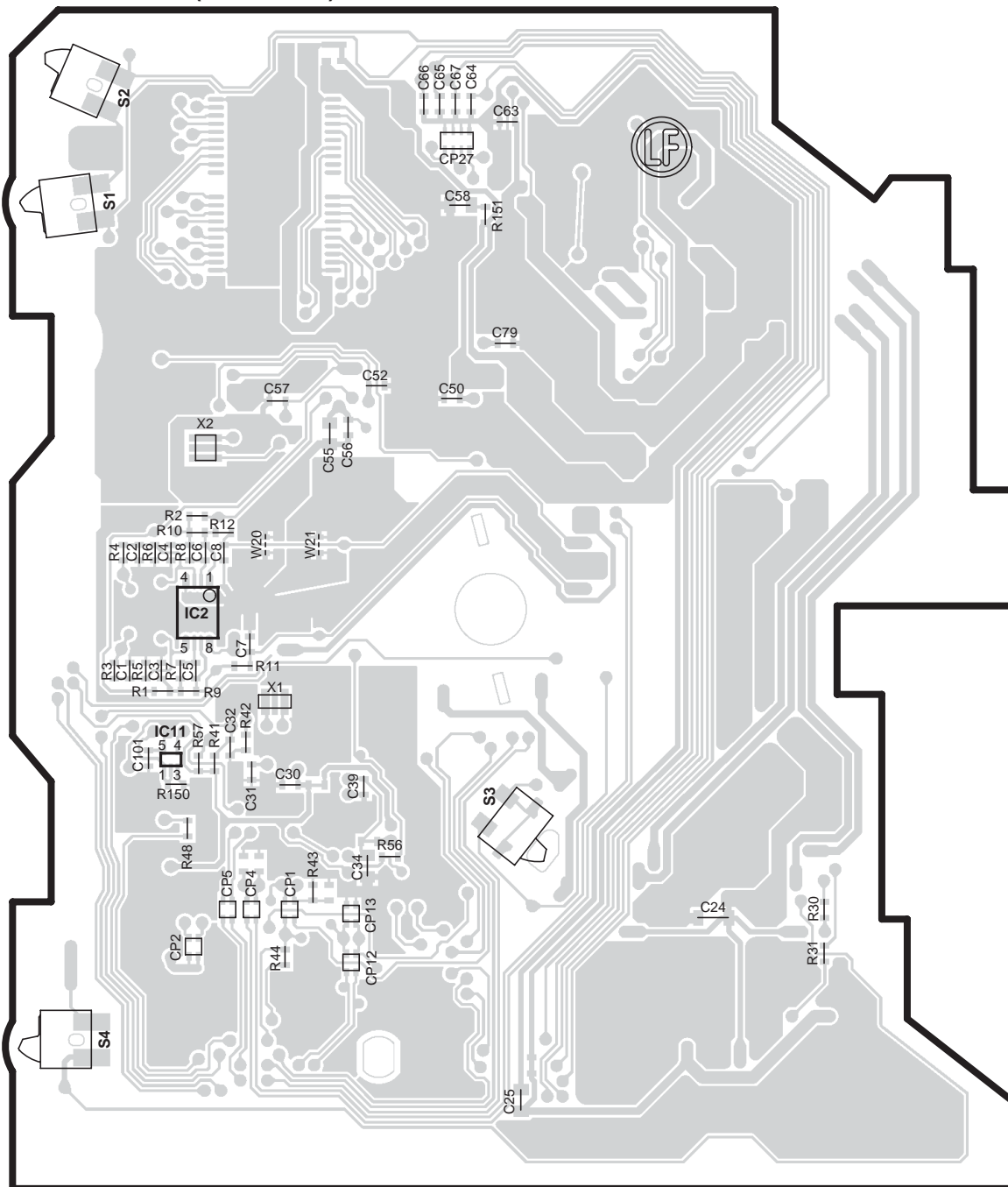
Ref. No.	Address
Q221	3Y
Q222	3X
Q225	3Y

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

KDC-MP332/MP5033
KDC-W534/W534Y

PC BOARD (COMPONENT SIDE VIEW)

CD PLAYER UNIT
X32-5860-0x (J76-0212-02)



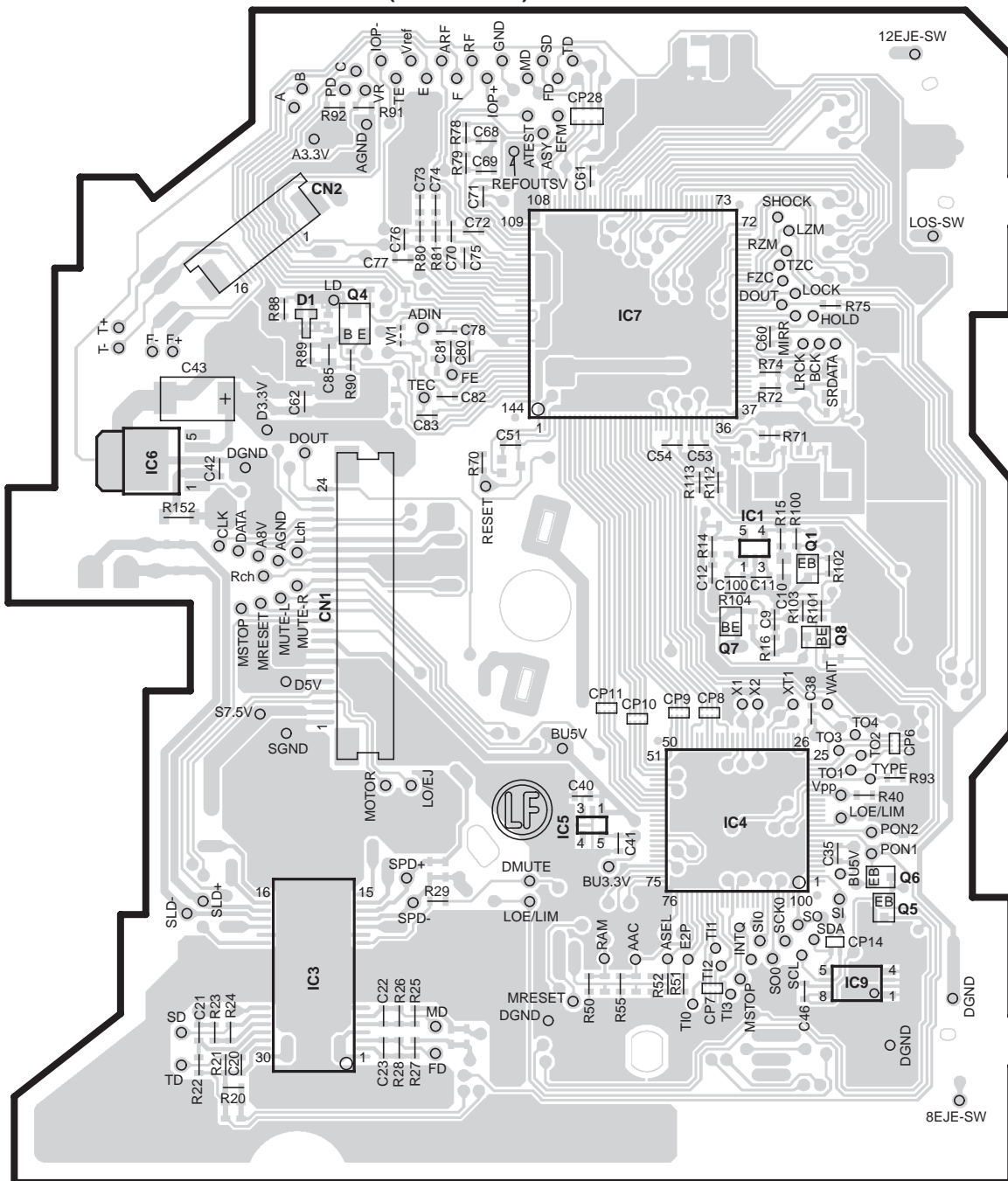
X32-5860-0x

Ref. No.	Address
IC2	4AA
IC11	4AA

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

PC BOARD (FOIL SIDE VIEW)

CD PLAYER UNIT X32-5860-0x (J76-0212-02)



X32-5860-0x

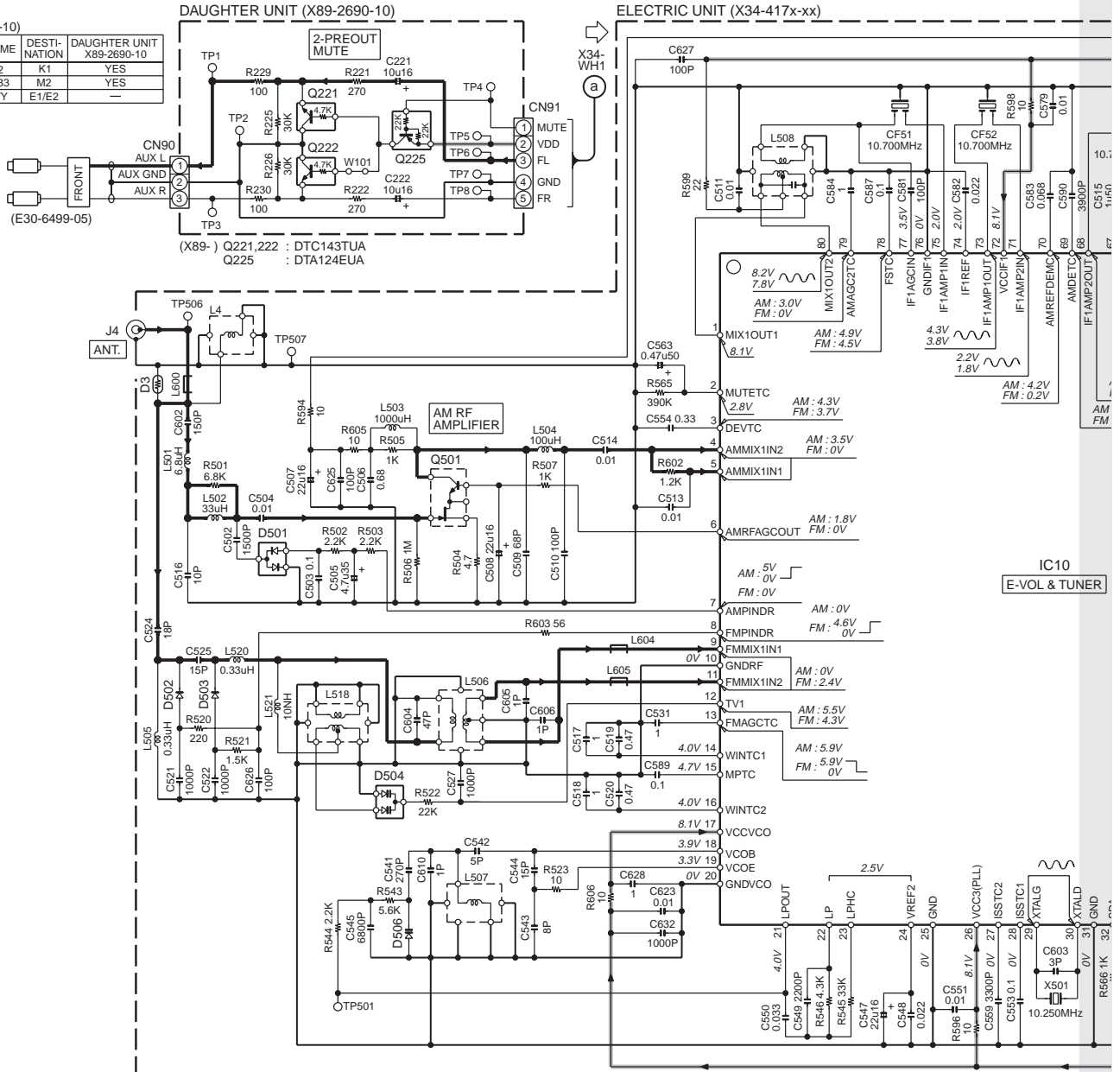
Ref. No.	Address	Ref. No.	Address	Ref. No.	Address
IC1	3AH	IC7	3AG	Q6	5AH
IC3	5AF	IC9	5AH	Q7	4AH
IC4	5AH	Q1	4AH	Q8	4AH
IC5	5AG	Q4	3AF		
IC6	3AE	Q5	5AH		

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

KDC-MP332/MP5033
KDC-W534/W534Y

(X89-2690-10)

MODEL NAME	DESTINATION	DAUGHTER UNIT X89-2690-10
KDC-MP332	K1	YES
KDC-MP5033	M2	YES
KDC-W534Y	E1/E2	—



(X34-)

- IC1 : 784225GC301A
- IC3 : BA4911-V4
- IC4 : *
- IC6 : TC7W02FU-F
- IC7 : E-TDA7479AD
- IC8 : S-80836CENN-B
- IC9 : SI-8050JF3NF
- IC10 : E-TDA7516A
- IC11 : BR24L04FV-W
- IC15 : BA00CCWT

- D1 : STZ6.8N
- D3 : IMSA-6801-E
- D52,54,305,306 : MTZJ6.8B
- D53 : 02DZ6.8F-Y
- D55,261 : 1SS355
- D57 : S2V60*A
- D71 : MTZJ8.2B
- D72,74,75,251-253,255-258 : 1SR154-400
- D73,254 : 1SR139-400T64
- D76,403 : BAV70W
- D81 : 02DZ4.7F-Y
- D91 : SFPB-54VNF
- D162 : STZ6.2N
- D166 : B30-1710-05
- D203,259,260 : 1SS133
- D301-304 : MTZJ6.2B
- D501 : RN739F
- D502,503 : KP2311ETR-G
- D504 : KV1430STL-G
- D506 : HVC383B-E

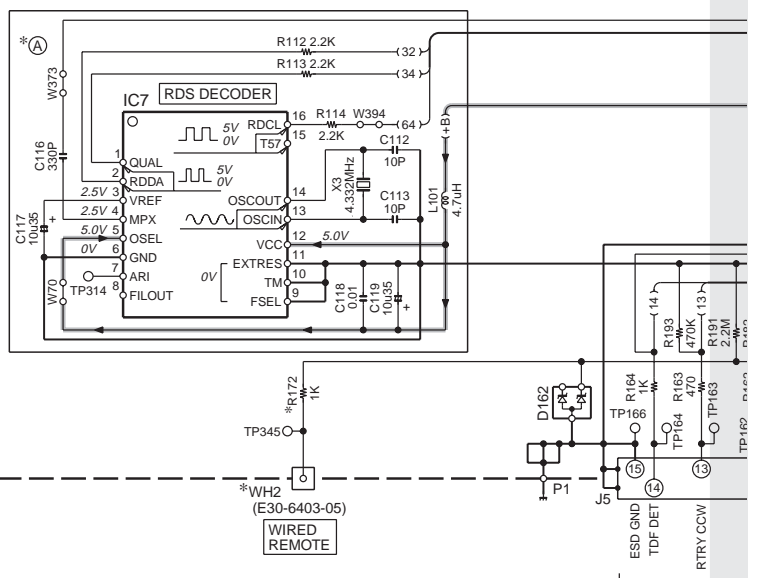
TH1 : PRF21BE471Q2B

Q51-53,91,156

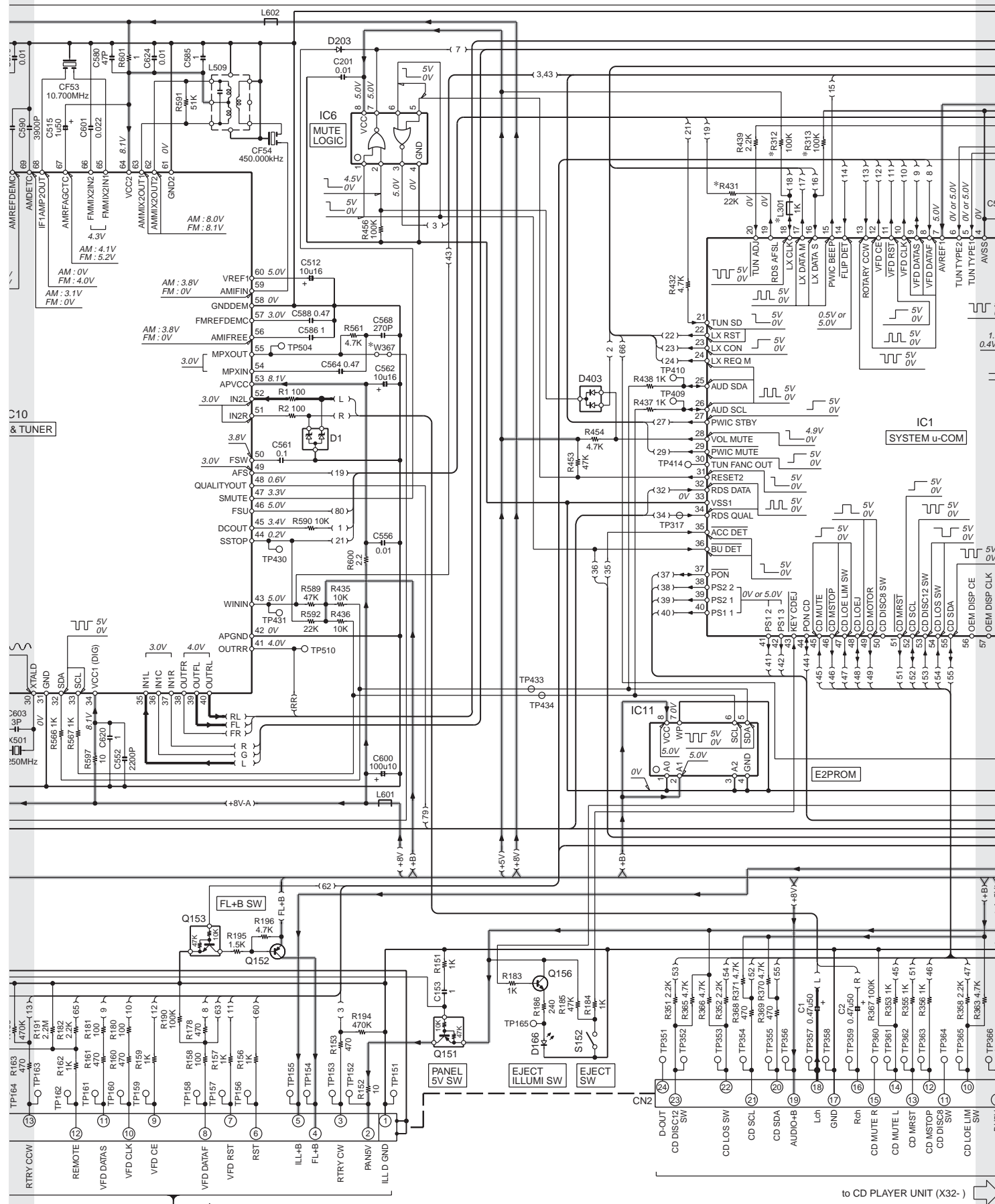
- : 2SC4155A(Q,R,S)
- Q54 : 2SA1036K
- Q71,74 : UMC2N
- Q72 : 2SB1565(E,F)
- Q73 : 2SD1858
- Q151 : RT1P144M
- Q152 : 2SA1577
- Q153 : RT1N144M

- Q330 : RT1P241M
- Q351,352 : RT1N430M
- Q501 : HN3G01J(BL)-F

— SIGNAL LINE
— GND LINE
— +B LINE



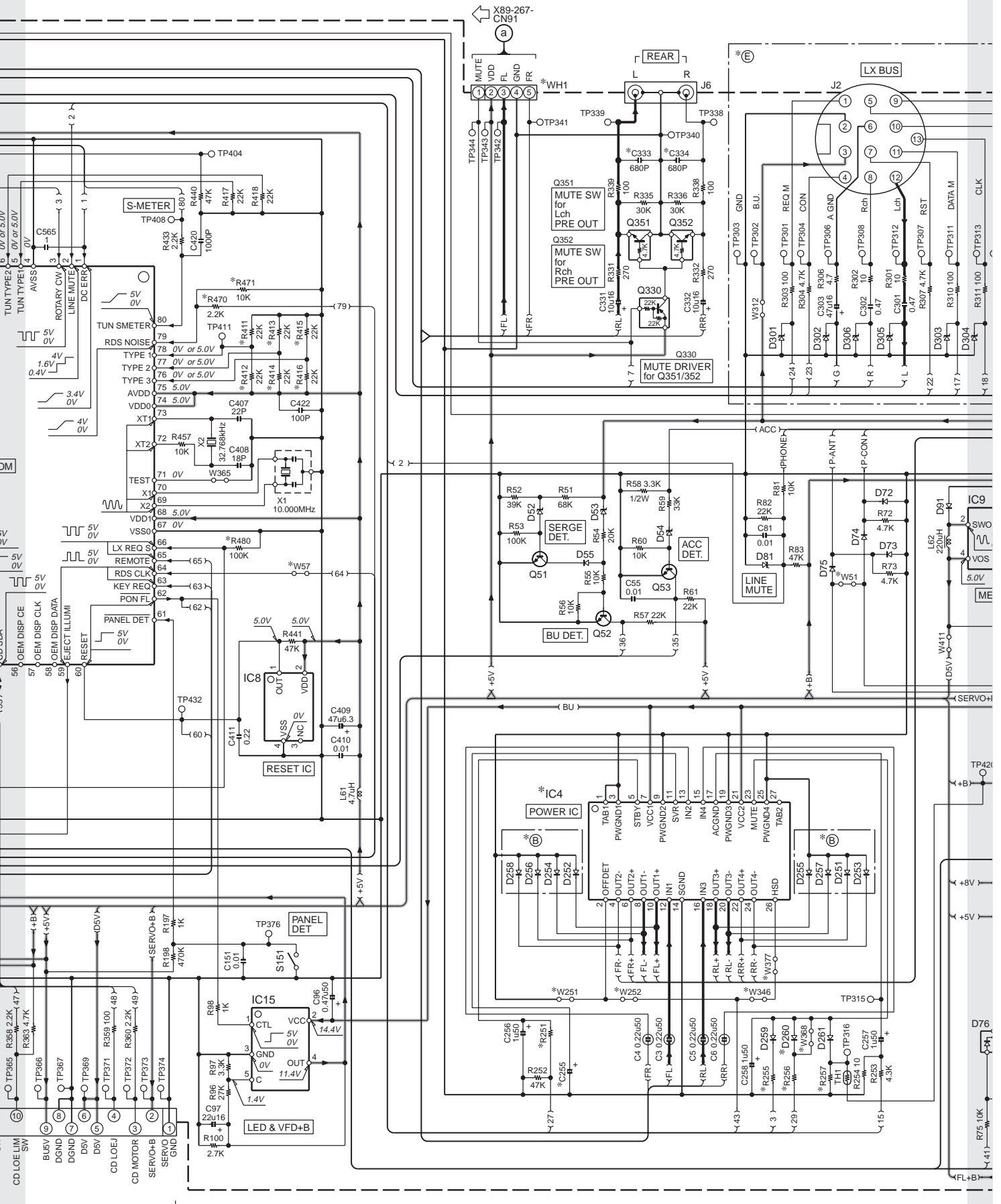
KDC-MP332/MP5033 KDC-W534/W534Y

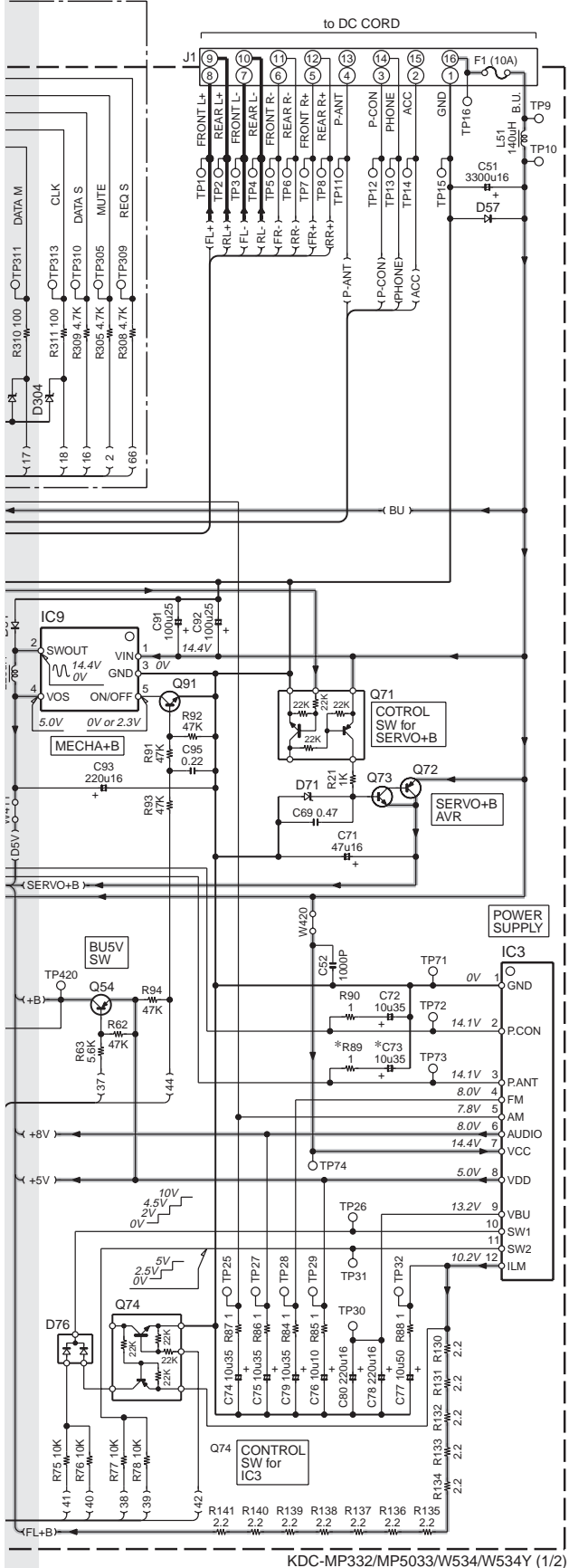


to CD PLAYER UNIT (X32-) →

A → X16-31

KDC-MP332/MP5033
KDC-W534/W534Y





KDC-MP332/MP5033/W534/W534Y (1/2)

(X34-417x-xx)

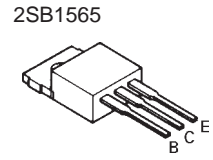
MODEL NAME	UNIT No.	DESTINATION	IC4	IC3	D260	C333	C255	C73	R89,312,313,415,460	R172	R251	R255	R256	R257	R411	R412	R413	R414	R416	R431	R471	W51	W57, 367, 368,377	W252	WH1	WH2
KDC-MP332	K1	0-10	YES	YES	YES	E-TDA7560A	YES	YES	YES	YES	33K	220	22K	30K	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
KDC-MP5033	M2	0-21	YES	YES	YES	E-TDA7560A	YES	YES	YES	YES	33K	220	22K	30K	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
KDC-W534	E1	2-71	YES	YES	YES	E-TDA7560A	YES	YES	YES	YES	150K	330	150K	12K	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
KDC-W534Y	E2	2-72	YES	YES	YES	E-TDA7560A	YES	YES	YES	YES	150K	330	150K	12K	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	

IC4 VOLTAGE (K1) (M2)

1	0V
2	4.8V
3	0V
4	7.0V
5	5V 0V
6	7.0V
7	14.4V
8	6.9V
9	0V
10	6.9V
11	6.8V 0V
12	6.8V
13	6.8V
14	0V
15	6.8V
16	6.8V
17	6.9V
18	6.9V
19	0V
20	6.9V
21	14.4V
22	7.0V
23	4.5V 0V
24	7.0V
25	0V
26	14.4V
27	0V

IC4 VOLTAGE (E1) (E2)

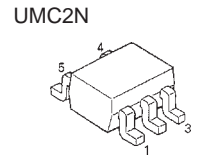
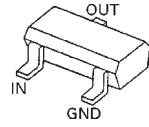
1	0V
2	0V
3	7.0V
4	4.6V 0.5V
5	6.9V
6	14.4V
7	7.0V
8	0V
9	7.0V
10	8.7V 0V
11	3.8V
12	3.8V
13	0V
14	3.8V
15	3.8V
16	3.8V
17	7.0V
18	0V
19	7.0V
20	14.4V
21	7.0V
22	4.6V 0V
23	7.0V
24	0V
25	5.0V
26	—
27	—



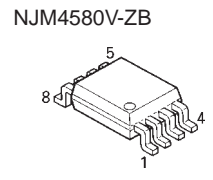
- DTA114EE
- DTC143TUA
- DTC144EE
- 2SA1036K
- 2SA1576A



- DTA124EUA



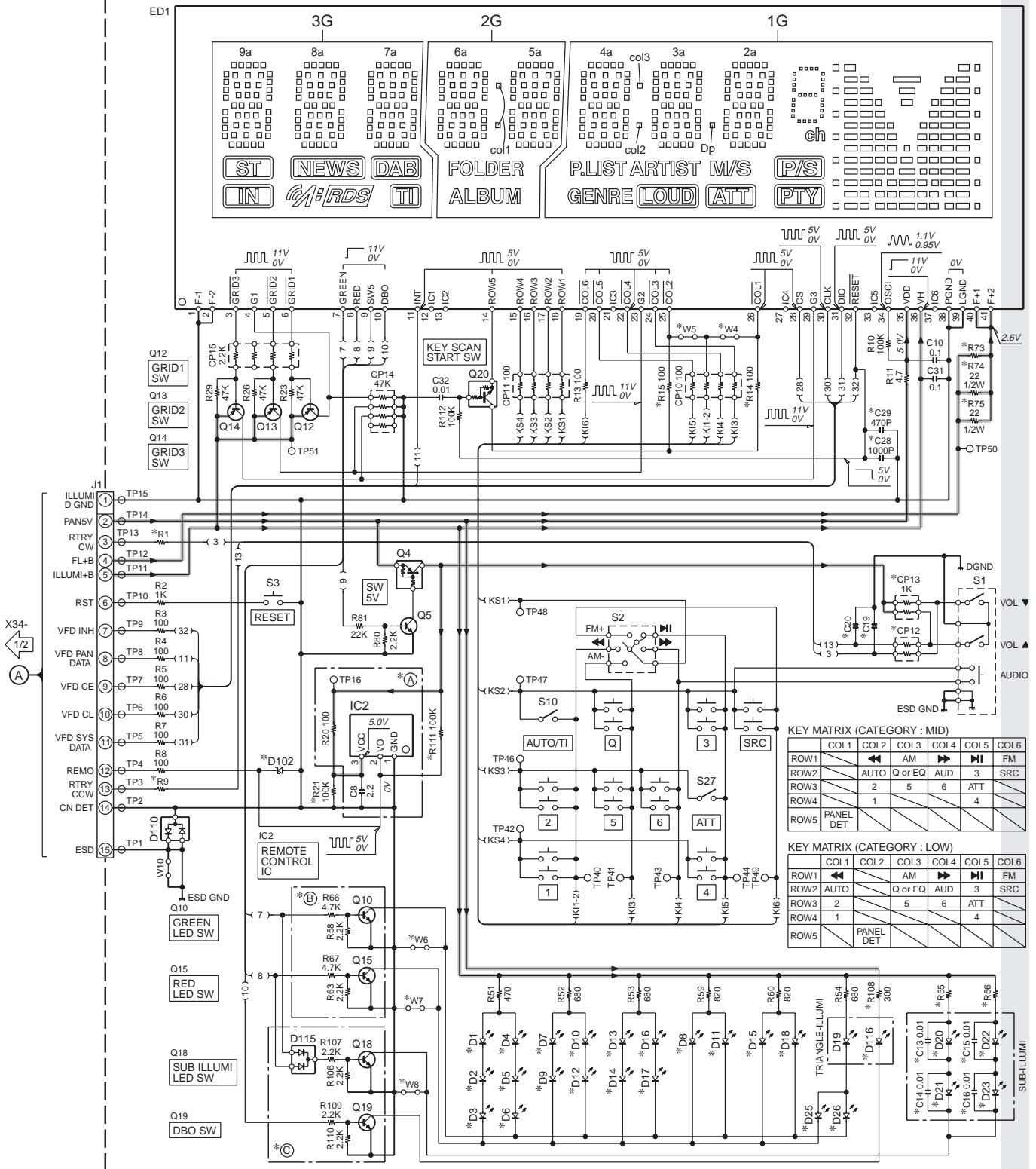
- DAP202U
- DA204U



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

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

SWITCH UNIT (X16-349x-xx)

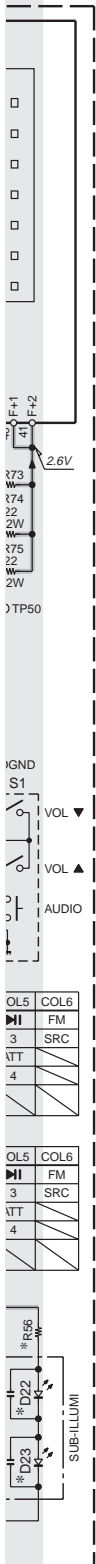


KEY MATRIX (CATEGORY : MID)

	COL1	COL2	COL3	COL4	COL5	COL6
ROW1		◀	AM	▶▶	HI	FM
ROW2		AUTO	Q or EQ	AUD	3	SRC
ROW3		2	5	6	ATT	
ROW4		1			4	
ROW5		PANEL DET				

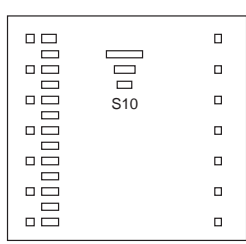
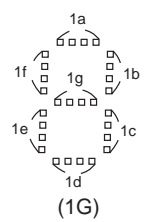
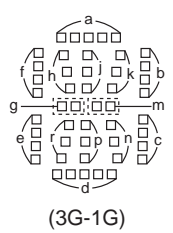
KEY MATRIX (CATEGORY : LOW)

	COL1	COL2	COL3	COL4	COL5	COL6
ROW1		◀		▶▶	HI	FM
ROW2		AUTO		Q or EQ	AUD	3
ROW3		2		5	6	ATT
ROW4		1				4
ROW5		PANEL DET				

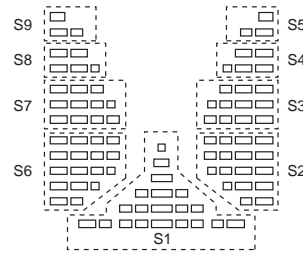


IC2 : PNA4S22M02KW
 Q4 : DTA114EE
 Q5,10,15 : KTC4075EP(Y,GR)
 Q12-14 : KTA2014EP(Y,GR)
 Q20 : DTC144EE
 D1-3,7-9,13-15,19,25 : B30-1567-05
 D4-6,10-12,16-18,26 : B30-1567-05
 D20-23 : *
 D102 : UDZS5.6B
 D110 : DA204U
 ED1 : 3-BT-2351NK

— GND LINE
 — +B LINE



(1G)



CATEGORY	MODEL NAME	DESTINATION	UNIT No.	(A)	(B)	(C)	C13-16	C19-20	C28, 29	CP12	CP13	D1-3,7-9,13-15,25	D4-6,10-12,16-18,26	D20-23	D102
NON-USB MID	KDC-MP4032	K	X16-3490-10	YES	—	—	YES	0.1	—	100	—	YES	—	B30-1729-05	YES
	KDC-MP6533	M1	X16-3492-71	YES	—	—	YES	0.1	—	100	—	YES	B30-1533-05	B30-1729-05	YES
	KDC-MP332	K1	X16-3490-11	YES	—	—	YES	0.01	YES	1K	YES	YES	—	B30-1729-05	YES
NON-USB LOW	KDC-MP5033	M2	X16-3490-21	YES	—	—	YES	0.01	YES	1K	YES	—	B30-1533-05	B30-1729-05	YES
	KDC-W534Y	E1/E2	X16-3492-72	—	YES	—	YES	0.01	YES	1K	YES	YES	B30-1533-05	B30-1729-05	—

CATEGORY	MODEL NAME	DESTINATION	UNIT No.	D116	R1,9	R14	R15, 74,75	R21	R55, 56	R73	R108	R111	W4	W5	W6	W7	W8
NON-USB MID	KDC-MP4032	K	X16-3490-10	—	100	YES	—	YES	300	2.2 1/2W	—	—	—	—	—	—	—
	KDC-MP6533	M1	X16-3492-71	—	100	YES	—	YES	300	2.2 1/2W	—	—	—	—	—	—	—
	KDC-MP332	K1	X16-3490-11	—	4.7K	—	YES	YES	300	33 1/2W	—	—	—	—	—	—	—
NON-USB LOW	KDC-MP5033	M2	X16-3490-21	—	4.7K	—	YES	YES	300	33 1/2W	—	—	—	—	—	—	—
	KDC-W534Y	E1/E2	X16-3492-72	—	4.7K	—	YES	—	300	33 1/2W	—	YES	YES	—	—	—	—

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.

ANODE CONNECTION

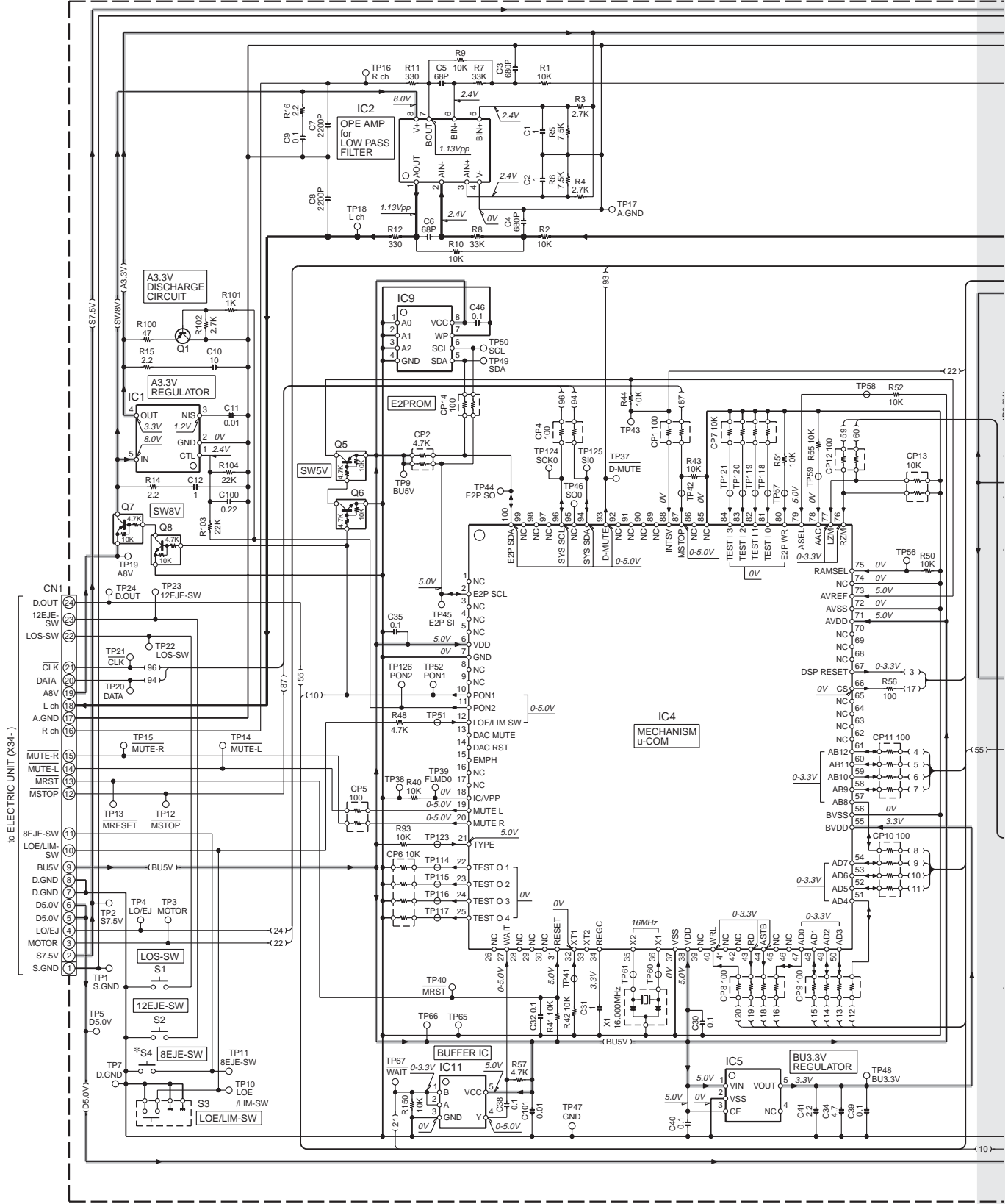
PIN NAME	3G	2G	1G
P1	9a	—	2a
P2	9h	—	2h
P3	9j	—	2j
P4	9k	—	2k
P5	9b	—	2b
P6	9f	—	2f
P7	9m	—	2m
P8	9g	—	2g
P9	9c	—	2c
P10	9e	—	2e
P11	9r	—	2r
P12	9p	—	2p
P13	9n	—	2n
P14	9d	—	2d
P15	8a	6a	4a
P16	7a	5a	3a
P17	8h	6h	4h
P18	7h	5h	3h
P19	8j	6j	4j
P20	7j	5j	3j
P21	8k	6k	4k
P22	7k	5k	3k
P23	8b	6b	4b
P24	7b	5b	3b
P25	8f	6f	4f
P26	7f	5f	3f
P27	8m	6m	4m
P28	7m	5m	3m
P29	8g	6g	4g
P30	7g	5g	3g
P31	8c	6c	4c
P32	7c	5c	3c
P33	8e	6e	4e
P34	7e	5e	3e
P35	8r	6r	4r
P36	7r	5r	3r
P37	8p	6p	4p
P38	7p	5p	3p
P39	8n	6n	4n
P40	7n	5n	3n
P41	8d	6d	4d
P42	7d	5d	3d
P43	—	col1	col2
P44	—	—	col3
P45	—	—	Dp
P46	[ST]	FOLDER	PLIST
P47	[NEWS]	ALBUM	ARTIST
P48	[DAB]	—	M/S
P49	[LN]	—	GENRE
P50	[M/RDS]	—	[LOUD]
P51	[TI]	—	[ATT]
P52	—	—	1a
P53	—	—	1b
P54	—	—	1f
P55	—	—	1g
P56	—	—	1c
P57	—	—	1e
P58	—	—	1d
P59	—	—	ch
P60	—	—	[P/S]
P61	—	—	[PTY]
P62	—	—	S1
P63	—	—	S2
P64	—	—	S3
P65	—	—	S4
P66	—	—	S5
P67	—	—	S6
P68	—	—	S7
P69	—	—	S8
P70	—	—	S9
P71	—	—	S10

KDC-MP332/MP5033/W534/W534Y (2/2)

KDC-MP332/MP5033 KDC-W534/W534Y

IC1 : TAR5S33-F	IC7 : UPD63763CGJ	D1 : DAP202U	(X32-586x-xx)
IC2 : NJM4580V-ZB	IC9 : BR24L02FV-W	Q1 : 2SA1576A	UNIT No.
IC3 : BA5824FP	IC11 : TC7SET32FU-F	Q4 : 2SB0970	DESTINATION
IC4 : 703030BYGCJ21A		Q5,7 : DTA143XUA	0-00 K/M/E
IC5 : XC6219B332MR		Q6,8 : DTC143XUA	0-02
IC6 : BA33BC0WFP			0-01 J

CD PLAYER UNIT (X32-5860-0x)

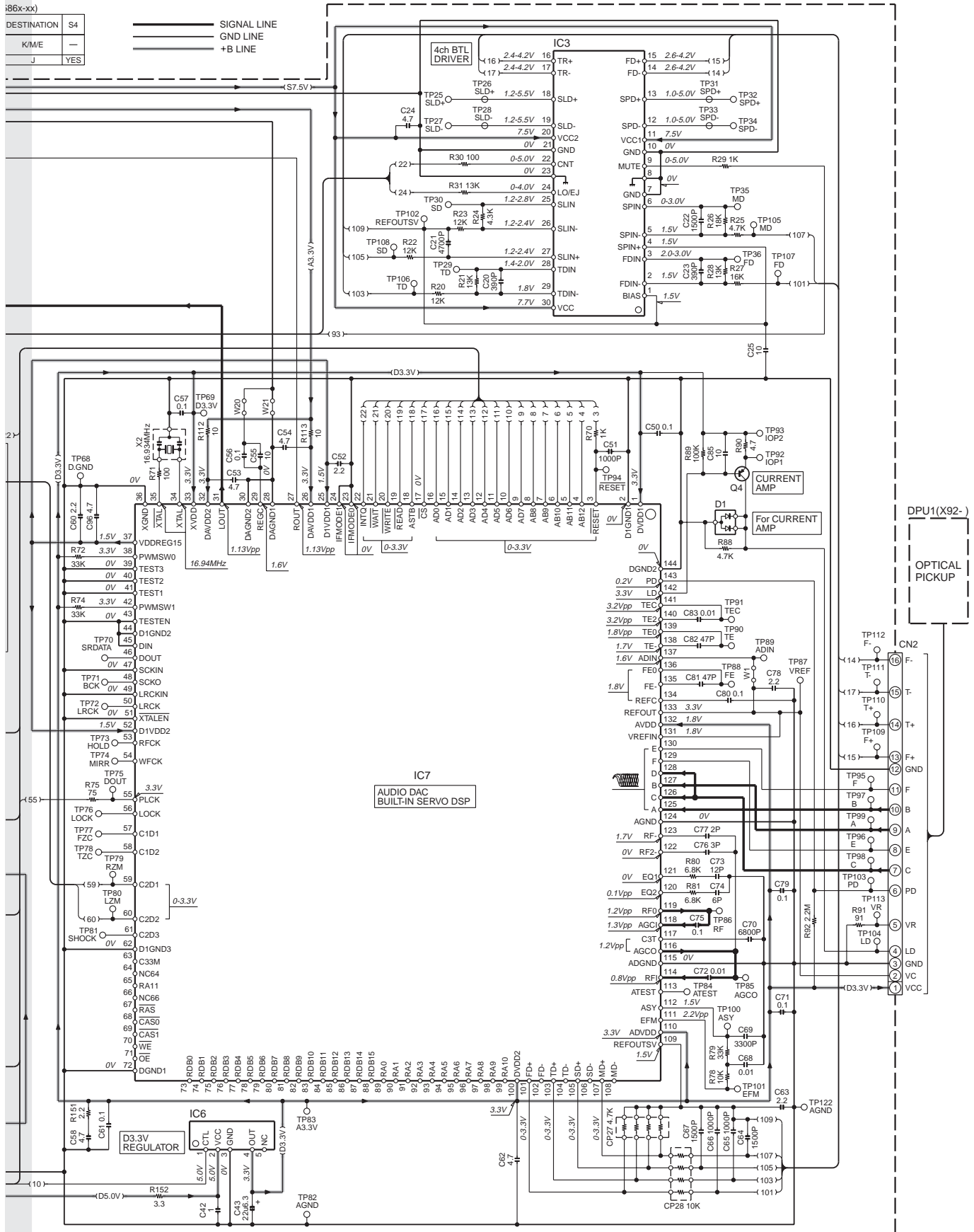


CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
 ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably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

886x-xx)

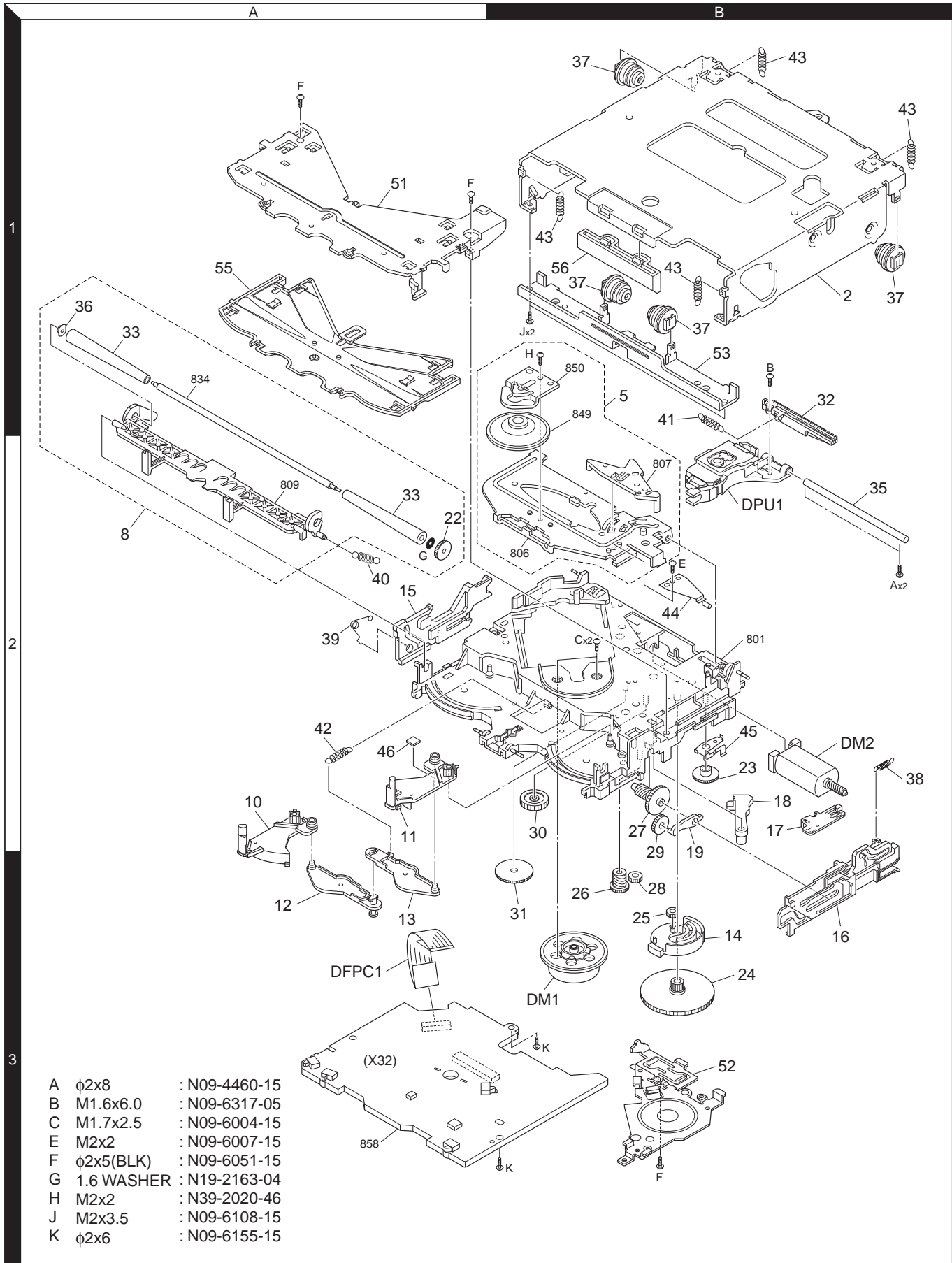
DESTINATION	S4
K/M/E	-
J	YES

===== SIGNAL LINE
----- GND LINE
----- +B LINE

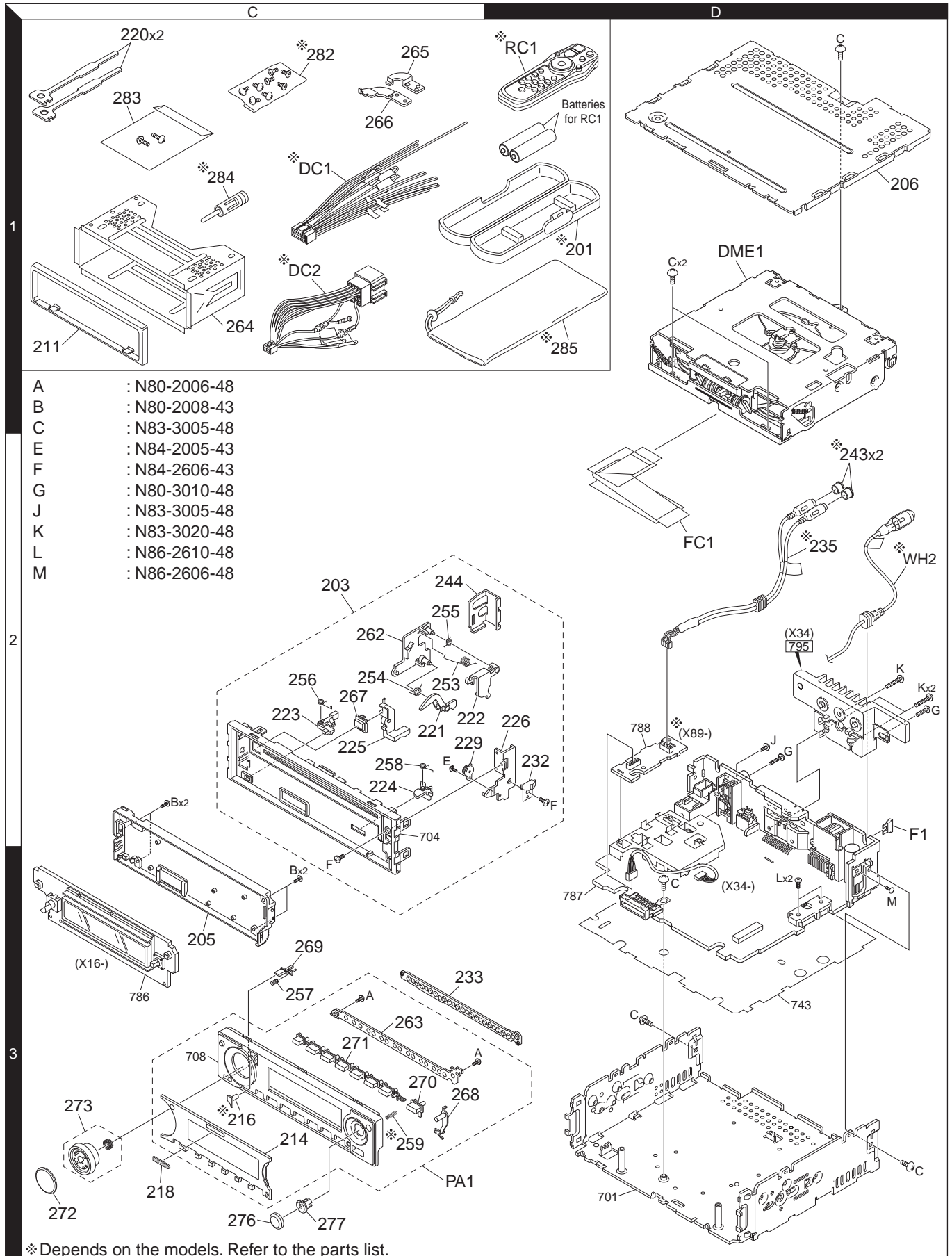


- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW (CD MECHANISM)



EXPLODED VIEW (UNIT)



- A : N80-2006-48
- B : N80-2008-43
- C : N83-3005-48
- E : N84-2005-43
- F : N84-2606-43
- G : N80-3010-48
- J : N83-3005-48
- K : N83-3020-48
- L : N86-2610-48
- M : N86-2606-48

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

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.	A d d	N e w	Parts No.	Description	Desti- nation
KDC-MP332/MP5033/W534/W534Y					
201	1D		A02-2743-03	PLASTIC CABINET ASSY	M2
203	2C		A22-3059-12	SUB PANEL ASSY	
205	3C	*	A46-1833-01	REAR COVER	
206	1D		A52-0804-12	TOP PLATE	
PA1	3C	*	A64-3755-01	PANEL ASSY	K1
PA1	3C	*	A64-3756-01	PANEL ASSY	M2
PA1	3C	*	A64-3758-01	PANEL ASSY	E1
PA1	3C	*	A64-3767-01	PANEL ASSY	E2
RC1	1D		A70-2069-15	REMOTE CONTROLLER ASSY (RC-517)	K1M2
-			B46-0612-14	ID CARD	M2
-			B46-0681-04	ID CARD	K1E1E2
-			B46-0682-00	WARRANTY CARD	K1M2E1
-			B58-1426-04	CAUTION CARD	K1
-		*	B64-3263-00	INST. MANUAL (ENG,FRE,SPA)	K1
-		*	B64-3264-00	INST. MANUAL (ENG,T-CHI)	M2
-		*	B64-3265-00	INST. MANUAL (ARABIC)	M2
-		*	B64-3266-00	INST. MANUAL (ENGLISH)	E1E2
-		*	B64-3267-00	INST. MANUAL (FRE,GER,DUT)	E1
-		*	B64-3268-00	INST. MANUAL (ITA,SPA,POR)	E1
-		*	B64-3269-00	INST. MANUAL (RUSSIAN)	E2
211	1C		B07-3122-01	ESCUTCHEON	E1E2
211	1C		B07-3125-01	ESCUTCHEON	M2
211	1C		B07-3126-01	ESCUTCHEON	K1
214	3C	*	B10-4758-02	FRONT GLASS	K1
214	3C	*	B10-4759-02	FRONT GLASS	M2
214	3C	*	B10-4761-02	FRONT GLASS	E1
214	3C	*	B10-4770-02	FRONT GLASS	E2
216	3C	*	B19-2364-04	LIGHTING BOARD (REMOTE)	K1M2
218	3C		B43-1518-04	BADGE	
220	1C		D10-4589-04	LEVER	
221	2C		D10-4865-03	LEVER (PUSH)	
222	2C		D10-4866-03	LEVER (HOOK)	
223	2C		D10-4867-04	LEVER (LOCK)	
224	2C		D10-4868-04	LEVER (DETECT)	
225	2C		D10-4869-03	LEVER (EJECT)	
226	2D		D10-4870-04	ARM ASSY	
229	2C		D39-0255-05	DAMPER	
232	2D		E29-2028-04	LEAD PLATE	
233	3C	*	E29-2067-03	CONDUCTIVE RUBBER	
235	2D		E30-6499-05	CORD WITH PINPLUG	K1M2
△ DC1	1C		E30-6415-15	DC CORD	K1M2
△ DC2	1C		E30-6427-05	DC CORD	E1E2
FC1	2D		E39-0718-05	FLAT CABLE	
WH2	2D		E30-6403-05	WIRING HARNESS	E1
243	2D		F29-0626-04	INSULATING COVER	K1M2
244	2C		F31-0716-04	REINFORCING HARDWARE	
△ F1	2D		F52-0023-05	FUSE (MINI BLADE TYPE) (10A)	
253	2C		G01-3246-04	TORSION COIL SPRING	
254	2C		G01-3247-04	TORSION COIL SPRING	
255	2C		G01-3248-04	TORSION COIL SPRING	
256	2C		G01-3249-04	TORSION COIL SPRING	
257	3C	*	G01-4611-04	COMPRESSION SPRING	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
258	2C		G01-3270-04	TORSION COIL SPRING	
259	3C	*	G01-3291-04	COMPRESSION SPRING	K1M2
-			H10-4919-12	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	K1M2E2
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	E1E2
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	E1
-		*	H25-1236-14	PROTECTION BAG (0.03X180X500)	K1M2
-		*	H54-3626-03	ITEM CARTON CASE (KDC-MP332)	K1
-		*	H54-3627-03	ITEM CARTON CASE (KDC-MP5033)	M2
-		*	H54-3630-03	ITEM CARTON CASE (KDC-W534)	E1
-		*	H54-3631-03	ITEM CARTON CASE (KDC-W534Y)	E2
262	2C		J19-7049-03	HOLDER	
263	3C	*	J19-7112-02	HOLDER	
264	1C		J22-0011-03	MOUNTING HARDWARE ASSY	
265	1C		J22-0258-04	MOUNTING HARDWARE (L)	
266	1C		J22-0259-04	MOUNTING HARDWARE (R)	
267	2C		K24-4282-04	PUSH KNOB (EJECT)	
268	3C	*	K24-4460-03	PUSH KNOB (AME)	M2E1E2
268	3C	*	K24-4461-03	PUSH KNOB (AME)	K1
269	3C	*	K24-4464-03	PUSH KNOB (RELEASE)	
270	3C	*	K24-4462-03	PUSH KNOB (SRC)	K1M2
270	3C	*	K24-4463-03	PUSH KNOB (SRC)	E1E2
271	3C	*	K25-1784-02	PUSH KNOB (PRESET)	
272	3C	*	K28-0103-03	KEY TOP (VOL)	K1M2
272	3C	*	K28-0116-03	KEY TOP (VOL)	E1E2
273	3C	*	K29-7200-03	KNOB ASSY (VOL)	
276	3C	*	K28-0106-03	KEY TOP (FM/AM)	K1M2
276	3C	*	K28-0114-03	KEY TOP (FM/AM)	E1E2
277	3C	*	K28-0122-03	KNOB BASE (FM/AM)	
282	1C		N99-1757-05	SCREW SET	K1M2
283	1C	*	N99-1780-05	SCREW SET	
A	3C		N80-2006-48	PAN HEAD TAPTITE SCREW	
B	2C		N80-2008-43	PAN HEAD TAPTITE SCREW	
C	1D		N83-3005-48	PAN HEAD TAPTITE SCREW	
E	2C		N84-2005-43	PAN HEAD TAPTITE SCREW	
F	2D		N84-2606-43	PAN HEAD TAPTITE SCREW	
L	3D		N86-2610-48	BINDING HEAD TAPTITE SCREW	
284	1C		T90-0523-05	ANTENNA ADAPTOR	E1E2
285	1D		W01-1661-05	CARRYING CASE	K1E1E2
DME1	1D	*	X92-5470-00	MECHANISM ASSY (DXM-6680W)	K1M2
DME1	1D	*	X92-5670-00	MECHANISM ASSY (DXM-6680WE)	E1E2
SWITCH UNIT (X16-349x-xx)					
D1-3			B30-1567-05	LED (1608,RED)	K1E1E2
D4-6			B30-1533-05	LED (1608,PG)	M2E1E2
D7-9			B30-1567-05	LED (1608,RED)	K1E1E2
D10-12			B30-1533-05	LED (1608,PG)	M2E1E2
D13-15			B30-1567-05	LED (1608,RED)	K1E1E2
D16-18			B30-1533-05	LED (1608,PG)	M2E1E2
D19			B30-1567-05	LED (1608,RED)	
D20-23			B30-1729-05	LED (1608,BLUE)	
D25			B30-1567-05	LED (1608,RED)	K1E1E2
D26			B30-1533-05	LED (1608,PG)	M2E1E2

K1 : KDC-MP332 M2 : KDC-MP5033 E1 : KDC-W534 E2 : KDC-W534Y
(E : Europe K : North America M : Other Areas W : Without Europe)

△ Indicates safety critical components.

PARTS LIST

SWITCH UNIT (X16-349x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	
C8			CK73FB1A225K	CHIP C 2.2UF K	K1M2	
C10			CK73GB1H104K	CHIP C 0.10UF K		
C13-16			CK73GB1H103K	CHIP C 0.010UF K		
C19,20			CK73GB1H103K	CHIP C 0.010UF K		
C28			CC73GCH1H102J	CHIP C 1000PF J		
C29			CC73GCH1H471J	CHIP C 470PF J		
C31			CK73GB1H104K	CHIP C 0.10UF K		
C32			CK73GB1H103K	CHIP C 0.010UF K		
J1			E59-0851-05	RECTANGULAR PLUG		
CP10,11			RK74HB1J101J	CHIP-COM 100 J 1/16W	K1M2 K1M2	
CP12,13			RK74GA1J102J	CHIP-COM 1.0K J 1/16W		
CP14			RK74HB1J473J	CHIP-COM 47K J 1/16W		
CP15			RK74HB1J222J	CHIP-COM 2.2K J 1/16W		
R1			RK73EB2E472J	CHIP R 4.7K J 1/4W		
R2			RK73EB2E102J	CHIP R 1.0K J 1/4W		
R3-8			RK73EB2E101J	CHIP R 100 J 1/4W		
R9			RK73EB2E472J	CHIP R 4.7K J 1/4W		
R10			RK73GB2A104J	CHIP R 100K J 1/10W		
R11			RK73GB2A4R7J	CHIP R 4.7 J 1/10W		
R13			RK73GB2A101J	CHIP R 100 J 1/10W		
R15			RK73GB2A101J	CHIP R 100 J 1/10W		
R20			RK73GB2A101J	CHIP R 100 J 1/10W		
R21			RK73GB2A104J	CHIP R 100K J 1/10W		
R23			RK73GB2A473J	CHIP R 47K J 1/10W		
R26			RK73GB2A473J	CHIP R 47K J 1/10W	E1E2 E1E2 E1E2	
R29			RK73GB2A473J	CHIP R 47K J 1/10W		
R51			RK73FB2B471J	CHIP R 470 J 1/8W		
R52-54			RK73EB2E681J	CHIP R 680 J 1/4W		
R55,56			RK73EB2E301J	CHIP R 300 J 1/4W		
R58			RK73GB2A222J	CHIP R 2.2K J 1/10W		
R59,60			RK73EB2E821J	CHIP R 820 J 1/4W		
R63			RK73GB2A222J	CHIP R 2.2K J 1/10W		
R66,67			RK73GB2A472J	CHIP R 4.7K J 1/10W		
R73			RK73PB2H330J	CHIP R 33 J 1/2W		
R74,75			RK73PB2H220J	CHIP R 22 J 1/2W	E1E2	
R80			RK73GB2A222J	CHIP R 2.2K J 1/10W		
R81			RK73GB2A223J	CHIP R 22K J 1/10W		
R111			RK73GB2A104J	CHIP R 100K J 1/10W		
R112			RK73GB2A104J	CHIP R 100K J 1/10W		
W4			R92-1252-05	CHIP R 0 OHM J 1/16W		M2 K1
W6			R92-1252-05	CHIP R 0 OHM J 1/16W		
W7			R92-1252-05	CHIP R 0 OHM J 1/16W		
W8			R92-1252-05	CHIP R 0 OHM J 1/16W		
W10			R92-2053-05	CHIP R 0 OHM J 1/8W		
S2			S70-0106-05	TACT SWITCH		
S10	*		S70-0939-05	TACT SWITCH		
S27	*		S70-0939-05	TACT SWITCH		
S1			T99-0457-15	ROTARY ENCODER		
D102			UDZS5.6B	ZENER DIODE	K1M2	
D110			DA204U	DIODE		
ED1	*		3-BT-235INK	FLUORESCENT INDICATOR TUBE	K1M2	
IC2	*		PNA4S22M02KW	ANALOGUE IC		
Q4			DTA114EE	DIGITAL TRANSISTOR		

Ref. No.	Add	New	Parts No.	Description	Destination
Q5			KTC4075EP(Y,GR)	TRANSISTOR	E1E2
Q10			KTC4075EP(Y,GR)	TRANSISTOR	
Q12-14			KTA2014EP(Y,GR)	TRANSISTOR	
Q15			KTC4075EP(Y,GR)	TRANSISTOR	
Q20			DTC144EE	DIGITAL TRANSISTOR	
CD PLAYER UNIT (X32-5860-0x)					
C1,2			CK73GB1A105K	CHIP C 1.0UF K	
C3,4			CC73GCH1H681J	CHIP C 680PF J	
C5,6			CC73GCH1H680J	CHIP C 68PF J	
C7,8			CK73GB1H222K	CHIP C 2200PF K	
C9			CK73GB1H104K	CHIP C 0.10UF K	
C10			CK73FB0J106K	CHIP C 10UF K	
C11			CK73GB1H103K	CHIP C 0.010UF K	
C12			CK73GB1A105K	CHIP C 1.0UF K	
C20			CC73GCH1H391J	CHIP C 390PF J	
C21			CK73GB1H472K	CHIP C 4700PF K	
C22			CK73GB1H152K	CHIP C 1500PF K	
C23			CC73GCH1H391J	CHIP C 390PF J	
C24			CK73EB1A475K	CHIP C 4.7UF K	
C25			CK73FB0J106K	CHIP C 10UF K	
C30			CK73GB1H104K	CHIP C 0.10UF K	
C31			CK73GB1A105K	CHIP C 1.0UF K	
C32			CK73GB1H104K	CHIP C 0.10UF K	
C34			CK73FB0J475K	CHIP C 4.7UF K	
C35			CK73GB1H104K	CHIP C 0.10UF K	
C38-40			CK73GB1H104K	CHIP C 0.10UF K	
C41			CK73GB0J225K	CHIP C 2.2UF K	
C42			CK73GB1A105K	CHIP C 1.0UF K	
C43			C92-1792-05	ELECTRO 22UF 6.3WV	
C46			CK73GB1H104K	CHIP C 0.10UF K	
C50			CK73GB1H104K	CHIP C 0.10UF K	
C51			CK73GB1H102K	CHIP C 1000PF K	
C52			CK73GB0J225K	CHIP C 2.2UF K	
C53,54			CK73GB0J475K	CHIP C 4.7UF K	
C55			CK73FB0J106K	CHIP C 10UF K	
C56,57			CK73GB1H104K	CHIP C 0.10UF K	
C58			CK73FB0J475K	CHIP C 4.7UF K	
C60			CK73GB0J225K	CHIP C 2.2UF K	
C61			CK73GB1H104K	CHIP C 0.10UF K	
C62			CK73FB0J475K	CHIP C 4.7UF K	
C63			CK73GB0J225K	CHIP C 2.2UF K	
C64			CK73GB1H152K	CHIP C 1500PF K	
C65,66			CK73GB1H102K	CHIP C 1000PF K	
C67			CK73GB1H152K	CHIP C 1500PF K	
C68			CK73GB1H103K	CHIP C 0.010UF K	
C69			CK73GB1H332K	CHIP C 3300PF K	
C70			CK73GB1H682K	CHIP C 6800PF K	
C71			CK73GB1H104K	CHIP C 0.10UF K	
C72			CK73GB1H103K	CHIP C 0.010UF K	
C73			CC73GCH1H120J	CHIP C 12PF J	
C74			CC73GCH1H060D	CHIP C 6.0PF D	
C75			CK73GB1H104K	CHIP C 0.10UF K	
C76			CC73GCH1H030C	CHIP C 3.0PF C	
C77			CC73GCH1H020C	CHIP C 2.0PF C	
C78			CK73GB0J225K	CHIP C 2.2UF K	

K1 : KDC-MP332 M2 : KDC-MP5033 E1 : KDC-W534 E2 : KDC-W534Y
(E : Europe K : North America M : Other Areas W : Without Europe)

△ Indicates safety critical components.

PARTS LIST

CD PLAYER UNIT (X32-5860-0x)

Ref. No.	Added	New	Parts No.	Description	Destination
C79,80			CK73GB1H104K	CHIP C 0.10UF K	
C81,82			CC73GCH1H470J	CHIP C 47PF J	
C83			CK73GB1H103K	CHIP C 0.010UF K	
C85			CK73FB0J106K	CHIP C 10UF K	
C96			CK73GB0J475K	CHIP C 4.7UF K	
C100			CK73GB1C224K	CHIP C 0.22UF K	
C101			CK73GB1H103K	CHIP C 0.010UF K	
CN1			E41-2083-15	FLAT CABLE CONNECTOR	K1M2 E1E2
CN2			E41-2297-05	FLAT CABLE CONNECTOR	
CN2	*		E41-2612-05	FLAT CABLE CONNECTOR	
X1			L78-0862-05	RESONATOR (16.00MHZ)	
X2			L78-0851-05	RESONATOR (16.93MHZ)	
CP1			RK74GA1J101J	CHIP-COM 100 J 1/16W	
CP2			RK74GA1J472J	CHIP-COM 4.7K J 1/16W	
CP4,5			RK74GA1J101J	CHIP-COM 100 J 1/16W	
CP6,7			RK74HB1J103J	CHIP-COM 10K J 1/16W	
CP8-11			RK74HB1J101J	CHIP-COM 100 J 1/16W	
CP12			RK74GA1J101J	CHIP-COM 100 J 1/16W	
CP13			RK74GA1J103J	CHIP-COM 10K J 1/16W	
CP14			RK74GA1J101J	CHIP-COM 100 J 1/16W	
CP27			RK74GB1J472J	CHIP-COM 4.7K J 1/16W	
CP28			RK74GB1J103J	CHIP-COM 10K J 1/16W	
R1,2			RK73GH2A103D	CHIP R 10K D 1/10W	
R3,4			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R5,6			RK73GB2A752J	CHIP R 7.5K J 1/10W	
R7,8			RK73GB2A333J	CHIP R 33K J 1/10W	
R9,10			RK73GH2A103D	CHIP R 10K D 1/10W	
R11,12			RK73GB2A331J	CHIP R 330 J 1/10W	
R14-16			RK73GB2A2R2J	CHIP R 2.2 J 1/10W	
R20			RK73GB2A123J	CHIP R 12K J 1/10W	
R21			RK73GB2A133J	CHIP R 13K J 1/10W	
R22,23			RK73GB2A123J	CHIP R 12K J 1/10W	
R24			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R25			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R26			RK73GB2A183J	CHIP R 18K J 1/10W	
R27			RK73GB2A163J	CHIP R 16K J 1/10W	
R28			RK73GB2A133J	CHIP R 13K J 1/10W	
R29			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R30			RK73GB2A101J	CHIP R 100 J 1/10W	
R31			RK73GB2A133J	CHIP R 13K J 1/10W	
R40-44			RK73GB2A103J	CHIP R 10K J 1/10W	
R48			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R50-52			RK73GB2A103J	CHIP R 10K J 1/10W	
R55			RK73GB2A103J	CHIP R 10K J 1/10W	
R56			RK73GB2A101J	CHIP R 100 J 1/10W	
R57			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R70			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R71			RK73GB2A101J	CHIP R 100 J 1/10W	
R72			RK73GB2A333J	CHIP R 33K J 1/10W	
R74			RK73GB2A333J	CHIP R 33K J 1/10W	
R75			RK73GB2A750J	CHIP R 75 J 1/10W	
R78			RK73GB2A103J	CHIP R 10K J 1/10W	
R79			RK73GB2A333J	CHIP R 33K J 1/10W	

Ref. No.	Added	New	Parts No.	Description	Destination
R80,81			RK73GB2A682J	CHIP R 6.8K J 1/10W	
R88			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R89			RK73GB2A104J	CHIP R 100K J 1/10W	
R90			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	
R91			RK73GB2A910J	CHIP R 91 J 1/10W	
R92			RK73GB2A225J	CHIP R 2.2M J 1/10W	
R93			RK73GB2A103J	CHIP R 10K J 1/10W	
R100			RK73GB2A470J	CHIP R 47 J 1/10W	
R101			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R102			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R103,104			RK73GB2A223J	CHIP R 22K J 1/10W	
R112,113			RK73GB2A100J	CHIP R 10 J 1/10W	
R150			RK73GB2A103J	CHIP R 10K J 1/10W	
R151			RK73GB2A2R2J	CHIP R 2.2 J 1/10W	
R152			RK73EB2E3R3J	CHIP R 3.3 J 1/4W	
W1			R92-1252-05	CHIP R 0 OHM J 1/16W	
W20,21			R92-1252-05	CHIP R 0 OHM J 1/16W	
S1,2			S68-0863-05	PUSH SWITCH	
S3			S68-0862-05	PUSH SWITCH	
D1			DAP202U	DIODE	
IC1			TAR5S33-F	ANALOGUE IC	
IC2			NJM4580V-ZB	ANALOGUE IC	
IC3			BA5824FP	ANALOGUE IC	
IC4	*		703030BYGCJ21A	MICROCONTROLLER IC	
IC5			XC6219B332MR	ANALOGUE IC	
IC6			BA33BCOWFP	ANALOGUE IC	
IC7	*		UPD63763CGJ	MOS-IC	
IC9			BR24L02FV-W	ROM IC	
IC11			TC7SET32FU-F	MOS-IC	
Q1			2SA1576A	TRANSISTOR	
Q4			2SB0970	TRANSISTOR	
Q5			DTA143XUA	DIGITAL TRANSISTOR	
Q6			DTC143XUA	DIGITAL TRANSISTOR	
Q7			DTA143XUA	DIGITAL TRANSISTOR	
Q8			DTC143XUA	DIGITAL TRANSISTOR	
ELECTRIC UNIT (X34-417x-xx)					
D166			B30-1710-05	LED (RED)	
C1,2			CD04AT1HR47M	ELECTRO 0.47UF 50WV	K1M2
C3-6			C90-6735-05	NP-ELECT 0.22UF 50WV	
C51			C90-5683-05	ELECTRO 3300UF 16WV	
C52			CK73GB1H102K	CHIP C 1000PF K	
C55			CK73GB1H103K	CHIP C 0.010UF K	
C69			CK73GB1A474K	CHIP C 0.47UF K	
C71			CD04AS1C470M	ELECTRO 47UF 16WV	
C72			CD04AS1V100M	ELECTRO 10UF 35WV	
C73			CD04AS1V100M	ELECTRO 10UF 35WV	
C74,75			CD04AS1V100M	ELECTRO 10UF 35WV	
C76			CD04BH1A100M	ELECTRO 10UF 10WV	
C77			CD04AT1H100M	ELECTRO 10UF 50WV	
C78			CD04BF1C221M	ELECTRO 220UF 16WV	
C79			CD04AS1V100M	ELECTRO 10UF 35WV	
C80			CD04BF1C221M	ELECTRO 220UF 16WV	

PARTS LIST

ELECTRIC UNIT (X34-417x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C81			CK73GB1H103K	CHIP C 0.010UF K		C547			CD04AT1C220M	ELECTRO 22UF 16WV	
C91,92			CD04BF1E101M	ELECTRO 100UF 25WV		C548			CK73GB1H223K	CHIP C 0.022UF K	
C93			CD04BF1C221M	ELECTRO 220UF 16WV		C549			CK73GB1H222K	CHIP C 2200PF K	
C95			CK73GB1C224K	CHIP C 0.22UF K		C550			CK73GB1H333K	CHIP C 0.033UF K	
C96			CD04AS1HR47M	ELECTRO 0.47UF 50WV		C551			CK73GB1H103K	CHIP C 0.010UF K	
C97			CD04BF1C220M	ELECTRO 22UF 16WV		C552			CK73GB1H222K	CHIP C 2200PF K	
C112,113			CC73GCH1H100D	CHIP C 10PF D	E1	C553			CK73GB1H104K	CHIP C 0.10UF K	
C116			CC73GCH1H331J	CHIP C 330PF J	E1	C554			CK73GB1A334K	CHIP C 0.33UF K	
C117			CD04AS1V100M	ELECTRO 10UF 35WV	E1	C556			CK73GB1H103K	CHIP C 0.010UF K	
C118			CK73GB1H103K	CHIP C 0.010UF K	E1	C559			CK73GB1H332K	CHIP C 3300PF K	
C119			CD04AS1V100M	ELECTRO 10UF 35WV	E1	C561			CK73GB1H104K	CHIP C 0.10UF K	
C151			CK73GB1H103K	CHIP C 0.010UF K		C562			CD04AT1C100M	ELECTRO 10UF 16WV	
C153			CK73GB1A105K	CHIP C 1.0UF K		C563			CD04AT1HR47M	ELECTRO 0.47UF 50WV	
C201			CK73GB1H103K	CHIP C 0.010UF K		C564			CK73GB1A474K	CHIP C 0.47UF K	
C255			CD04AS1A330M	ELECTRO 33UF 10WV	K1M2	C565			CK73FB1C105K	CHIP C 1.0UF K	
C255			CD04AS1V100M	ELECTRO 10UF 35WV	E1E2	C568			CC73GCH1H271J	CHIP C 270PF J	
C256			CD04AS1H010M	ELECTRO 1UF 50WV		C579			CK73GB1H103K	CHIP C 0.010UF K	
C257			C90-5663-05	ELECTRO 1UF 50WV		C580			CC73GCH1H470J	CHIP C 47PF J	
C258			CD04AS1H010M	ELECTRO 1UF 50WV		C581			CC73GCH1H101J	CHIP C 100PF J	
C301,302			CK73FB1E474K	CHIP C 0.47UF K	K1M2	C582			CK73GB1H223K	CHIP C 0.022UF K	
C303			CD04AT1C470M	ELECTRO 47UF 16WV	K1M2	C583			CK73GB1H683K	CHIP C 0.068UF K	
C331,332			CD04AT1C100M	ELECTRO 10UF 16WV		C584-586			CK73GB1A105K	CHIP C 1.0UF K	
C333,334			CC73GCH1H681J	CHIP C 680PF J	E1E2	C587			CK73GB1H104K	CHIP C 0.10UF K	
C407			CC73GCH1H220J	CHIP C 22PF J		C588			CK73GB1A474K	CHIP C 0.47UF K	
C408			CC73GCH1H180J	CHIP C 18PF J		C589			CK73GB1H104K	CHIP C 0.10UF K	
C409			CD04AS0J470M	ELECTRO 47UF 6.3WV		C590			CK73GB1H392K	CHIP C 3900PF K	
C410			CK73GB1H103K	CHIP C 0.010UF K		C600			CD04AT1A101M	ELECTRO 100UF 10WV	
C411			CK73GB1C224K	CHIP C 0.22UF K		C601			CK73GB1H223K	CHIP C 0.022UF K	
C420			CC73GCH1H102J	CHIP C 1000PF J		C602			CC73GCH1H151J	CHIP C 150PF J	
C422			CC73GCH1H101J	CHIP C 100PF J		C603			CC73GCH1H030C	CHIP C 3.0PF C	
C502			CK73GB1H152K	CHIP C 1500PF K		C604			CC73GCH1H470J	CHIP C 47PF J	
C503			CK73GB1H104K	CHIP C 0.10UF K		C605,606			CC73GCH1H010C	CHIP C 1.0PF C	
C504			CK73GB1H103K	CHIP C 0.010UF K		C610			CC73GCH1H010C	CHIP C 1.0PF C	
C505			CD04AT1V4R7M	ELECTRO 4.7UF 35WV		C620			CK73GB1A105K	CHIP C 1.0UF K	
C506			CK73GB1A684K	CHIP C 0.68UF K		C623,624			CK73GB1H103K	CHIP C 0.010UF K	
C507,508			CD04AT1C220M	ELECTRO 22UF 16WV		C625-627			CC73GCH1H101J	CHIP C 100PF J	
C509			CC73GCH1H680J	CHIP C 68PF J		C628			CK73GB1A105K	CHIP C 1.0UF K	
C510			CC73GCH1H101J	CHIP C 100PF J		C632			CK73GB1H102K	CHIP C 1000PF K	
C511			CK73GB1H103K	CHIP C 0.010UF K							
C512			CD04AT1C100M	ELECTRO 10UF 16WV							
C513,514			CK73GB1H103K	CHIP C 0.010UF K		△ J1			E41-2244-05	FLAT CABLE CONNECTOR	
C515			CD04AT1H010M	ELECTRO 1UF 50WV		J2			E58-0991-05	RECTANGULAR RECEPTACLE	K1M2
C516			CC73GCH1H100D	CHIP C 10PF D		J4	*		E56-0855-05	CYLINDRICAL RECEPTACLE	
C517,518			CK73GB1A105K	CHIP C 1.0UF K		J5			E04-0332-05	RF COAXIAL CABLE RECEPTACLE	
C519,520			CK73GB1A474K	CHIP C 0.47UF K					E58-0992-05	RECTANGULAR RECEPTACLE	
C521,522			CC73GCH1H102J	CHIP C 1000PF J		J6			E63-0898-05	PIN JACK	
C524			CC73GCH1H180J	CHIP C 18PF J		WH1			E39-0717-05	WIRING HARNESS	K1M2
C525			CC73GCH1H150J	CHIP C 15PF J							
C527			CC73GCH1H102J	CHIP C 1000PF J		CF51-53			L72-0805-05	CERAMIC FILTER	
C531			CK73GB1A105K	CHIP C 1.0UF K		CF54			L72-0804-05	CERAMIC FILTER	
C541			CC73GCH1H271J	CHIP C 270PF J		L4			L33-2260-05	CHOKE COIL	
C542			CC73GCH1H050C	CHIP C 5.0PF C		L51			L33-1988-05	CHOKE COIL ASSY	
C543			CC73GCH1H080D	CHIP C 8.0PF D		L61			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	
C544			CC73GCH1H150J	CHIP C 15PF J		L62			L33-1925-05	CHOKE COIL	
C545			CK73GB1H682K	CHIP C 6800PF K		L101			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	E1
						L301			L92-0337-05	CHIP FERRITE	K1M2
						L501			L40-6891-58	SMALL FIXED INDUCTOR (6.8UH)	

K1 : KDC-MP332 M2 : KDC-MP5033 E1 : KDC-W534 E2 : KDC-W534Y
(E : Europe K : North America M : Other Areas W : Without Europe)

△ Indicates safety critical components.

PARTS LIST

ELECTRIC UNIT (X34-417x-xx)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
L502			L40-3301-58	SMALL FIXED INDUCTOR (33UH)	
L503			L40-1021-56	SMALL FIXED INDUCTOR (1MH)	
L504			L40-1011-58	SMALL FIXED INDUCTOR (100UH)	
L505			L40-3381-58	SMALL FIXED INDUCTOR (0.33UH)	
L506			L31-0977-15	FM-RF COIL (RF)	
L507			L32-0941-15	FM OSCILLATING COIL (VCO)	
L508			L30-0776-15	FM IFT	
L509			L30-0777-15	AM IFT	
L518			L31-0976-15	FM-RF COIL (ANT)	
L520			L40-3381-58	SMALL FIXED INDUCTOR (0.33UH)	
L521			L40-1073-72	SMALL FIXED INDUCTOR (10NH)	
L600			L92-0607-05	CHIP FERRITE	
L601,602			L92-0397-05	CHIP FERRITE	
L604,605			L92-0609-05	CHIP FERRITE	
X1			L78-0879-05	RESONATOR (10.0MHZ)	
X2			L77-2793-05	CRYSTAL RESONATOR (32.768KHZ)	
X3			L77-2002-05	CRYSTAL RESONATOR (4.332MHZ)	E1
X501			L77-2077-05	CRYSTAL RESONATOR (10.25MHZ)	
G	2D		N80-3010-48	PAN HEAD TAPTITE SCREW	
J	2D		N83-3005-48	PAN HEAD TAPTITE SCREW	
K	2D		N83-3020-48	PAN HEAD TAPTITE SCREW	
M	3D		N86-2606-48	BINDING HEAD TAPTITE SCREW	
R1,2			RK73GB2A101J	CHIP R 100 J 1/10W	
R21			RD14BB2C102J	RD 1.0K J 1/6W	
R51			RK73FB2B683J	CHIP R 68K J 1/8W	
R52			RK73GB2A393J	CHIP R 39K J 1/10W	
R53			RK73GB2A104J	CHIP R 100K J 1/10W	
R54			RK73FB2B203J	CHIP R 20K J 1/8W	
R55,56			RK73GB2A103J	CHIP R 10K J 1/10W	
R57			RK73GB2A223J	CHIP R 22K J 1/10W	
R58			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R59			RD14BB2C333J	RD 33K J 1/6W	
R60			RK73GB2A103J	CHIP R 10K J 1/10W	
R61			RK73GB2A223J	CHIP R 22K J 1/10W	
R62			RK73GB2A473J	CHIP R 47K J 1/10W	
R63			RK73GB2A562J	CHIP R 5.6K J 1/10W	
R72,73			RD14BB2C472J	RD 4.7K J 1/6W	
R75-78			RK73GB2A103J	CHIP R 10K J 1/10W	
R81			RD14BB2C103J	RD 10K J 1/6W	
R82			RK73GB2A223J	CHIP R 22K J 1/10W	
R83			RK73GB2A473J	CHIP R 47K J 1/10W	
R84-88			RK73GB2A1R0J	CHIP R 1.0 J 1/10W	
R89			RK73GB2A1R0J	CHIP R 1.0 J 1/10W	K1M2
R90			RK73GB2A1R0J	CHIP R 1.0 J 1/10W	
R91-94			RK73GB2A473J	CHIP R 47K J 1/10W	
R96			RK73GH2A273D	CHIP R 27K D 1/10W	
R97			RK73GH2A332D	CHIP R 3.3K D 1/10W	
R98			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R100			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R112-114			RK73GB2A222J	CHIP R 2.2K J 1/10W	E1
R130-141			RK73EB2E2R2J	CHIP R 2.2 J 1/4W	
R151			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R152			RK73EB2E100J	CHIP R 10 J 1/4W	
R153			RK73EB2E471J	CHIP R 470 J 1/4W	

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
R156,157			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R158			RK73EB2E101J	CHIP R 100 J 1/4W	
R159			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R160,161			RK73EB2E471J	CHIP R 470 J 1/4W	
R162			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R163			RK73EB2E471J	CHIP R 470 J 1/4W	
R164			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R172			RK73EB2E102J	CHIP R 1.0K J 1/4W	K1E1
R178			RK73GB2A471J	CHIP R 470 J 1/10W	
R180,181			RK73GB2A101J	CHIP R 100 J 1/10W	
R182			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R183,184			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R185			RK73GB2A473J	CHIP R 47K J 1/10W	
R186			RK73GB2A241J	CHIP R 240 J 1/10W	
R190			RK73GB2A104J	CHIP R 100K J 1/10W	
R191			RK73GB2A225J	CHIP R 2.2M J 1/10W	
R193,194			RK73GB2A474J	CHIP R 470K J 1/10W	
R195			RK73GB2A152J	CHIP R 1.5K J 1/10W	
R196			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R197			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R198			RK73GB2A474J	CHIP R 470K J 1/10W	
R251			RK73GB2A154J	CHIP R 150K J 1/10W	E1E2
R251			RK73GB2A333J	CHIP R 33K J 1/10W	K1M2
R252			RK73GB2A473J	CHIP R 47K J 1/10W	
R253			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R254			RK73GB2A100J	CHIP R 10 J 1/10W	
R255			RK73GB2A221J	CHIP R 220 J 1/10W	K1M2
R255			RK73GB2A331J	CHIP R 330 J 1/10W	E1E2
R256			RK73GB2A154J	CHIP R 150K J 1/10W	E1E2
R256			RK73GB2A223J	CHIP R 22K J 1/10W	K1M2
R257			RK73GB2A123J	CHIP R 12K J 1/10W	E1E2
R257			RK73GB2A303J	CHIP R 30K J 1/10W	K1M2
R301,302			RK73EB2E100J	CHIP R 10 J 1/4W	K1M2
R303			RK73EB2E101J	CHIP R 100 J 1/4W	K1M2
R304,305			RK73EB2E472J	CHIP R 4.7K J 1/4W	K1M2
R306			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	K1M2
R307-309			RK73EB2E472J	CHIP R 4.7K J 1/4W	K1M2
R310,311			RK73EB2E101J	CHIP R 100 J 1/4W	K1M2
R312			RK73GB2A104J	CHIP R 100K J 1/10W	K1M2
R313			RD14BB2C104J	RD 100K J 1/6W	K1M2
R331,332			RK73GB2A271J	CHIP R 270 J 1/10W	
R335,336			RK73GB2A303J	CHIP R 30K J 1/10W	
R338,339			RD14BB2C101J	RD 100 J 1/6W	
R351,352			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R353			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R355,356			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R358			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R359			RK73GB2A101J	CHIP R 100 J 1/10W	
R360			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R363			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R365			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R366			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R367			RK73GB2A104J	CHIP R 100K J 1/10W	
R368,369			RK73GB2A471J	CHIP R 470 J 1/10W	
R370,371			RK73GB2A472J	CHIP R 4.7K J 1/10W	

K1 : KDC-MP332 M2 : KDC-MP5033 E1 : KDC-W534 E2 : KDC-W534Y
(E : Europe K : North America M : Other Areas W : Without Europe)

△ Indicates safety critical components.

PARTS LIST

ELECTRIC UNIT (X34-417x-xx)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R411			RK73GB2A223J	CHIP R 22K J 1/10W	K1M2E1	W56,57			R92-2053-05	CHIP R 0 OHM J 1/8W	E1
R412			RK73GB2A223J	CHIP R 22K J 1/10W	E2	W58-60			R92-1252-05	CHIP R 0 OHM J 1/16W	
R413			RK73GB2A223J	CHIP R 22K J 1/10W	K1E1E2	W62,63			R92-2053-05	CHIP R 0 OHM J 1/8W	
R414			RK73GB2A223J	CHIP R 22K J 1/10W	M2	W64			R92-1252-05	CHIP R 0 OHM J 1/16W	
R415			RK73GB2A223J	CHIP R 22K J 1/10W	K1M2	W65,66			R92-2053-05	CHIP R 0 OHM J 1/8W	
R416			RK73GB2A223J	CHIP R 22K J 1/10W	E1E2	W70			R92-1252-05	CHIP R 0 OHM J 1/16W	E1
R417,418			RK73GB2A223J	CHIP R 22K J 1/10W		W71			R92-1252-05	CHIP R 0 OHM J 1/16W	
R431			RK73GB2A223J	CHIP R 22K J 1/10W	E1	W72			R92-2053-05	CHIP R 0 OHM J 1/8W	
R432			RK73GB2A472J	CHIP R 4.7K J 1/10W		W73			R92-1252-05	CHIP R 0 OHM J 1/16W	
R433			RK73GB2A222J	CHIP R 2.2K J 1/10W		W75			R92-2053-05	CHIP R 0 OHM J 1/8W	
R435,436			RK73GB2A103J	CHIP R 10K J 1/10W		W76			R92-1252-05	CHIP R 0 OHM J 1/16W	
R437,438			RK73GB2A102J	CHIP R 1.0K J 1/10W		W78			R92-2053-05	CHIP R 0 OHM J 1/8W	
R439			RK73GB2A222J	CHIP R 2.2K J 1/10W		W79			R92-1252-05	CHIP R 0 OHM J 1/16W	
R440,441			RK73GB2A473J	CHIP R 47K J 1/10W		W82			R92-2053-05	CHIP R 0 OHM J 1/8W	
R453			RK73GB2A473J	CHIP R 47K J 1/10W		W83			R92-1252-05	CHIP R 0 OHM J 1/16W	
R454			RK73GB2A472J	CHIP R 4.7K J 1/10W		W91			R92-2053-05	CHIP R 0 OHM J 1/8W	
R456			RK73GB2A104J	CHIP R 100K J 1/10W		W93			R92-2053-05	CHIP R 0 OHM J 1/8W	
R457			RK73GB2A103J	CHIP R 10K J 1/10W		W96,97			R92-1252-05	CHIP R 0 OHM J 1/16W	
R470			RK73GB2A222J	CHIP R 2.2K J 1/10W	E1	W98			R92-2053-05	CHIP R 0 OHM J 1/8W	
R471			RK73GB2A103J	CHIP R 10K J 1/10W	K1M2E2	W99,100			R92-1252-05	CHIP R 0 OHM J 1/16W	
R480			RK73GB2A104J	CHIP R 100K J 1/10W	K1M2	W102,103			R92-2053-05	CHIP R 0 OHM J 1/8W	K1M2
R501			RK73GB2A682J	CHIP R 6.8K J 1/10W		W252			R92-1252-05	CHIP R 0 OHM J 1/16W	
R502,503			RK73GB2A222J	CHIP R 2.2K J 1/10W		W506			R92-2053-05	CHIP R 0 OHM J 1/8W	
R504			RK73GB2A4R7J	CHIP R 4.7 J 1/10W		W604,605			R92-1252-05	CHIP R 0 OHM J 1/16W	
R505			RK73GB2A102J	CHIP R 1.0K J 1/10W		W611			R92-1252-05	CHIP R 0 OHM J 1/16W	
R506			RK73GB2A105J	CHIP R 1.0M J 1/10W		W802			R92-1252-05	CHIP R 0 OHM J 1/16W	
R507			RK73GB2A102J	CHIP R 1.0K J 1/10W		W803			R92-2053-05	CHIP R 0 OHM J 1/8W	
R520			RK73GB2A221J	CHIP R 220 J 1/10W		W804-807			R92-1252-05	CHIP R 0 OHM J 1/16W	
R521			RK73GB2A152J	CHIP R 1.5K J 1/10W		W808			R92-2053-05	CHIP R 0 OHM J 1/8W	
R522			RK73GB2A223J	CHIP R 22K J 1/10W		W810			R92-1252-05	CHIP R 0 OHM J 1/16W	
R523			RK73GB2A100J	CHIP R 10 J 1/10W		W812			R92-2053-05	CHIP R 0 OHM J 1/8W	
R543			RK73GB2A562J	CHIP R 5.6K J 1/10W		W814			R92-2053-05	CHIP R 0 OHM J 1/8W	
R544			RD14BB2C222J	RD 2.2K J 1/6W		W820			R92-2053-05	CHIP R 0 OHM J 1/8W	
R545			RK73GB2A333J	CHIP R 33K J 1/10W		W823			R92-1252-05	CHIP R 0 OHM J 1/16W	
R546			RK73GB2A432J	CHIP R 4.3K J 1/10W		W826,827			R92-2053-05	CHIP R 0 OHM J 1/8W	
R561			RK73GB2A472J	CHIP R 4.7K J 1/10W		W831			R92-1252-05	CHIP R 0 OHM J 1/16W	
R565			RK73GB2A394J	CHIP R 390K J 1/10W		W832			R92-2053-05	CHIP R 0 OHM J 1/8W	
R566,567			RK73GB2A102J	CHIP R 1.0K J 1/10W		W838			R92-1252-05	CHIP R 0 OHM J 1/16W	
R589			RK73GB2A473J	CHIP R 47K J 1/10W							
R590			RK73GB2A103J	CHIP R 10K J 1/10W		S151			S74-0822-05	MICRO SWITCH	
						S152			S70-0931-05	TACT SWITCH	
R591			RK73GB2A513J	CHIP R 51K J 1/10W		D1			STZ6.8N	ZENER DIODE	
R592			RK73GB2A223J	CHIP R 22K J 1/10W		D3			IMSA-6801-E	SURGE ABSORBER	
R594			RK73EB2E100J	CHIP R 10 J 1/4W		D52			MTZJ6.8B	ZENER DIODE	
R596-598			RD14BB2C100J	RD 10 J 1/6W		D53			02DZ6.8F-Y	ZENER DIODE	
R599			RK73GB2A220J	CHIP R 22 J 1/10W		D54			MTZJ6.8B	ZENER DIODE	
R600			RD14BB2C2R2J	RD 2.2 J 1/6W		D55			1SS355	DIODE	
R601			RD14BB2C1R0J	RD 1.0 J 1/6W		D57			S2V60*A	DIODE	
R602			RK73GB2A122J	CHIP R 1.2K J 1/10W		D71			MTZJ8.2B	ZENER DIODE	
R603			RK73GB2A560J	CHIP R 56 J 1/10W		D72			1SR154-400	DIODE	
R605,606			RK73GB2A100J	CHIP R 10 J 1/10W		D73		*	1SR139-400T64	DIODE	
W51			R92-1252-05	CHIP R 0 OHM J 1/16W	E1E2	D74 ,75			1SR154-400	DIODE	
W52			R92-2053-05	CHIP R 0 OHM J 1/8W		D76		*	BAV70W	DIODE	
W53			R92-1252-05	CHIP R 0 OHM J 1/16W		D81			02DZ4.7F-Y	ZENER DIODE	
W54			R92-2053-05	CHIP R 0 OHM J 1/8W		D91			SFPB-54VNF	DIODE	
W56			R92-2053-05	CHIP R 0 OHM J 1/8W	K1M2E2						

K1 : KDC-MP332 M2 : KDC-MP5033 E1 : KDC-W534 E2 : KDC-W534Y
(E : Europe K : North America M : Other Areas W : Without Europe)

△ Indicates safety critical components.

PARTS LIST

ELECTRIC UNIT (X34-417x-xx)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
D162			STZ6.2N	ZENER DIODE	
D203			1SS133	DIODE	
D251-253			1SR154-400	DIODE	K1M2
D254		*	1SR139-400T64	DIODE	K1M2
D255-258			1SR154-400	DIODE	K1M2
D259			1SS133	DIODE	E1E2
D259,260			1SS133	DIODE	K1M2
D261			1SS355	DIODE	
D301-304			MTZJ6.2B	ZENER DIODE	K1M2
D305,306			MTZJ6.8B	ZENER DIODE	K1M2
D403		*	BAV70W	DIODE	
D501			RN739F	DIODE	
D502,503			KP2311ETR-G	DIODE	
D504			KV1430STL-G	VARIABLE CAPACITANCE DIODE	
D506			HVC383B-E	VARIABLE CAPACITANCE DIODE	
IC1		*	784225GC301A	MICROCONTROLLER IC	
IC3			BA4911-V4	ANALOGUE IC	
IC4			E-TDA7560A	ANALOGUE IC	K1M2
IC4			TB2904HQ	ANALOGUE IC	E1E2
IC6			TC7W02FU-F	MOS-IC	
IC7			E-TDA7479AD	ANALOGUE IC	E1
IC8			S-80836CNNB-J	MOS-IC	
IC9			SI-8050JF3NF	ANALOGUE IC	
IC10			E-TDA7516A	ANALOGUE IC	
IC11			BR24L04FV-W	ROM IC	
IC15			BA00CCWT	ANALOGUE IC	
Q51-53			2SC4155A(Q,R,S)	TRANSISTOR	
Q54			2SA1036K	TRANSISTOR	
Q71			UMC2N	TRANSISTOR	
Q72			2SB1565(E,F)	TRANSISTOR	
Q73			2SD1858	TRANSISTOR	
Q74			UMC2N	TRANSISTOR	
Q91			2SC4155A(Q,R,S)	TRANSISTOR	
Q151			RT1P144M	TRANSISTOR	
Q152			2SA1577	TRANSISTOR	
Q153			RT1N144M	TRANSISTOR	
Q156			2SC4155A(Q,R,S)	TRANSISTOR	
Q330			RT1P241M	TRANSISTOR	
Q351,352			RT1N430M	TRANSISTOR	
Q501			HN3G01J(BL)-F	TRANSISTOR	
TH1			PRF21BE471QB2	POSITIVE RESISTOR	
DAUGHTER UNIT (X89-2690-10)					
C221,222			CD04AS1C100M	ELECTRO 10UF 16WV	K1M2
CN90			E41-0956-05	PIN ASSY	K1M2
CN91			E41-0930-05	PIN ASSY	K1M2
W101			E31-0001-00	JUMPER WIRE	K1M2
R221,222			RK73GB2A271J	CHIP R 270 J 1/10W	K1M2
R225,226			RK73GB2A303J	CHIP R 30K J 1/10W	K1M2
R229,230			RD14BB2C101J	RD 100 J 1/6W	K1M2
Q221,222			DTC143TUA	DIGITAL TRANSISTOR	K1M2
Q225			DTA124EUA	DIGITAL TRANSISTOR	K1M2

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
MECHANISM ASSY (X92-5470-00: K1/M2, X92-5670-00: E1/E2)					
2		1B	A10-4827-32	CHASSIS	
5		1B	D10-4576-83	ARM ASSY	
8		2A	D10-4579-23	LEVER ASSY	
10		2A	D10-4581-13	ARM	
11		2A	D10-4582-13	ARM	
12		3A	D10-4583-03	ARM	
13		3A	D10-4584-03	ARM	
14		3B	D10-4585-03	ARM	
15		2A	D10-4586-13	SLIDER	
16		3B	D10-4587-52	SLIDER	
17		2B	D10-4588-13	SLIDER	
18		2B	D10-4595-04	ARM	
19		2B	D10-4596-24	ARM	
22		2A	D13-2151-04	GEAR	
23		2B	D13-2152-04	GEAR	
24		3B	D13-2153-04	GEAR	
25		3B	D13-2154-04	GEAR	
26		3B	D13-2155-04	WORM	
27		2B	D13-2156-14	GEAR	
28		3B	D13-2157-04	GEAR	
29		2B	D13-2158-04	GEAR	
30		2B	D13-2168-04	GEAR	
31		3B	D13-2171-04	GEAR	
32		1B	D13-2381-13	RACK (GEAR)	
33		2A	D14-0759-04	ROLLER	
35		2B	D21-2382-04	SHAFT	
36		1A	D23-0954-04	RETAINER	
37		1B	D39-0246-05	DAMPER	
38		2B	G01-3072-04	EXTENSION SPRING	
39		2A	G01-3073-04	TORSION COIL SPRING	
40		2A	G01-3074-04	EXTENSION SPRING	
41		1B	G01-3075-24	EXTENSION SPRING	
42		2A	G01-3076-04	EXTENSION SPRING	
43		1B	G01-3077-14	EXTENSION SPRING	
44		2B	G02-1399-04	FLAT SPRING	
45		2B	G02-1408-04	FLAT SPRING	
46		2A	G13-1258-04	CUSHION	
51		1A	J21-9676-32	MOUNTING HARDWARE	
52		3B	J21-9677-22	MOUNTING HARDWARE	
53		1B	J21-9678-13	MOUNTING HARDWARE	
55		1A	J90-1001-11	GUIDE	
56		1B	J90-1023-03	GUIDE	
DFPC1		3A	J84-0141-05	FPC	K1M2
DFPC1		3A	J86-0027-05	FPC (LEAD FREE)	E1E2
A		2B	N09-4460-15	TAPTITE SCREW (OVAL P TAPTIT)	
B		1B	N09-6317-05	TAPTITE SCREW (M1.6X6.0)	
C		2B	N09-6004-15	MACHINE SCREW (M1.7X2.5)	
E		2B	N09-6007-15	MACHINE SCREW (PAN M2X2)	
F		1A	N09-6051-15	TAPTITE SCREW (BIND P 2X5)	
G		2A	N19-2163-04	FLAT WASHER	
H		1B	N39-2020-46	PAN HEAD MACHINE SCREW	

K1 : KDC-MP332 M2 : KDC-MP5033 E1 : KDC-W534 E2 : KDC-W534Y
(E : Europe K : North America M : Other Areas W : Without Europe)

△ Indicates safety critical components.

PARTS LIST

MECHANISM ASSY (X92-5470-00: K1/M2, X92-5670-00: E1/E2)

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation
J	1B		N09-6108-15	TAPTITE SCREW (M2X3.5)	
K	3B		N09-6155-15	SEMS (TAPTITE SCREW) (PT2X6)	
DM1	3B		T42-1066-14	DC MOTOR (SPINDLE)	
DM2	2B		T42-1067-14	DC MOTOR (LOADING)	
DPU1	2B		X93-2130-00	OPTICAL PICKUP ASSY	K1M2
DPU1	2B		X93-2130-01	OPTICAL PICKUP ASSY (LEAD FREE)	E1E2

Ref. No.	A d d	N e w	Parts No.	Description	Desti- nation

K1 : KDC-MP332 **M2** : KDC-MP5033 **E1** : KDC-W534 **E2** : KDC-W534Y
(E : Europe **K** : North America **M** : Other Areas **W** : Without Europe)

△ Indicates safety critical components.

SPECIFICATIONS

KDC-MP332/MP5033

FM

Frequency Range (Frequency Step)	
KDC-MP332	87.9MHz~107.9MHz (200kHz)
KDC-MP5033	87.5MHz~108.0MHz (50kHz)
	87.9MHz~107.9MHz (200kHz)
Channel Space Selection	50kHz / 200kHz
Usable Sensitivity (S/N : 30dB)	9.3dBf (0.8μV / 75Ω)
Quieting Sensitivity (S/N : 50dB)	15.2dBf (1.6μV / 75Ω)
Frequency Response (±3.0dB)	30Hz~15kHz
S/N	70dB (MONO)
Selectivity	≥80dB (±400kHz)
Stereo Separation	40dB (1kHz)

AM (MW)

Frequency Range (Frequency Step)	
KDC-MP332	530kHz~1700kHz (10kHz)
KDC-MP5033	531kHz~1611kHz (9kHz)
	530kHz~1700kHz (10kHz)
Channel Space Selection	9kHz / 10kHz
Usable Sensitivity (S/N : 20dB)	28dBμV (25μV)

CD

Laser Diode	GaAlAs
Digital Filter (D/A)	8 Times Over Sampling
D/A Converter	1 Bit
Spindle Speed	1000rpm~400rpm (CLV. 2 times)
Wow & Flutter	Below Mesurable Limit
Frequency Response	10Hz~20kHz (±1dB)
Total Harmonic Distortion	0.01% (1kHz)
S/N Ratio	105dB (1kHz)
Dynamic Range	93dB
MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
WMA Decode	Compliant with WINDOWS MEDIA AUDIO
AAC Decode	AAC-LC ".m4a" files

Preout Level / Load	2000mV / 10kΩ (CD / CD-CH)
Preout Impedance	≤600Ω
Speaker Impedance	4Ω~8Ω

AMPLIFIER

Maximum Power	50W x 4
Full Bandwidth Power (at less than 1% THD)	22W x 4

TONE

Bass	100Hz±8dB
Middle	1kHz±8dB
Treble	10kHz±8dB

GENERAL

Operating Voltage (11V~16V allowable)	14.4V
Current Consumption	10A
Installation Size	
Width	182mm (7-3/16inch)
Height	53mm (2-1/16inch)
Depth	155mm (6-1/8inch)
Weight	1.20kg (2.64lbs)

KDC-W534/W534Y

FM

Frequency Range (Frequency Step)	
	87.5MHz~108.0MHz (50kHz)
Usable Sensitivity (S/N : 26dB)	0.7μV / 75Ω
Quieting Sensitivity (S/N : 46dB)	1.6μV / 75Ω
Frequency Response (±3.0dB)	30Hz~15kHz
S/N	65dB (MONO)
Selectivity	≥80dB (±400kHz)
Stereo Separation	35dB (1kHz)

AM (MW)

Frequency Range (Frequency Step)	531kHz~1611kHz (9kHz)
Usable Sensitivity (S/N : 20dB)	25μV

LW

Frequency Range	153kHz~281kHz
Usable Sensitivity (S/N : 20dB)	45μV

CD

Laser Diode	GaAlAs
Digital Filter (D/A)	8 Times Over Sampling
D/A Converter	1 Bit
Spindle Speed	1000rpm~400rpm (CLV. 2 times)
Wow & Flutter	Below Mesurable Limit
Frequency Response	10Hz~20kHz (±1dB)
Total Harmonic Distortion	0.01% (1kHz)
S/N Ratio	105dB (1kHz)
Dynamic Range	93dB
MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
WMA Decode	Compliant with WINDOWS MEDIA AUDIO
AAC Decode	AAC-LC ".m4a" files

Preout Level / Load	2000mV / 10kΩ (CD)
Preout Impedance	≤600Ω
Speaker Impedance	4Ω~8Ω

AMPLIFIER

Maximum Power	
KDC-W534	45W x 4
KDC-W534Y	50W x 4
Power (DIN45324, +B=14.4V)	
KDC-W534	28W x 4
KDC-W534Y	30W x 4

TONE

Bass	100Hz±8dB
Middle	1kHz±8dB
Treble	10kHz±8dB

GENERAL

Operating Voltage (11V~16V allowable)	14.4V
Current Consumption	10A
Installation Size	
Width	182mm
Height	53mm
Depth	155mm
Weight	1.20kg (2.64lbs)

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

