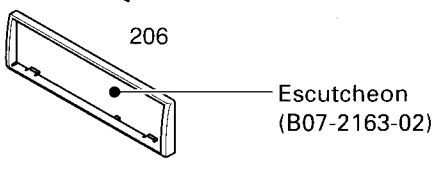
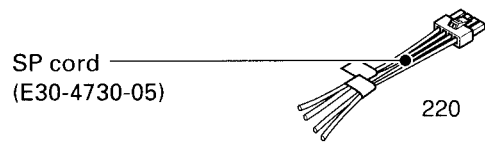
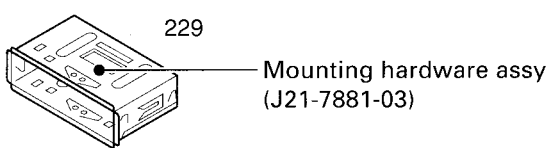
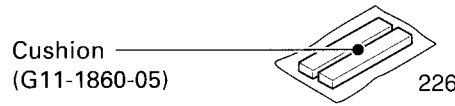
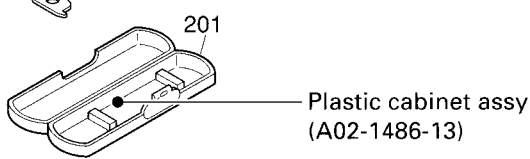
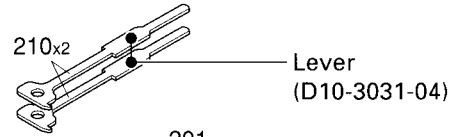
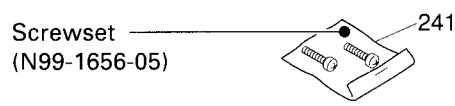
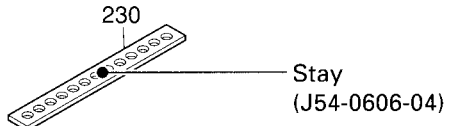
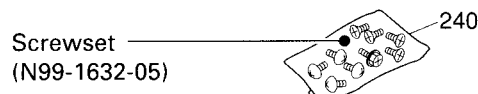
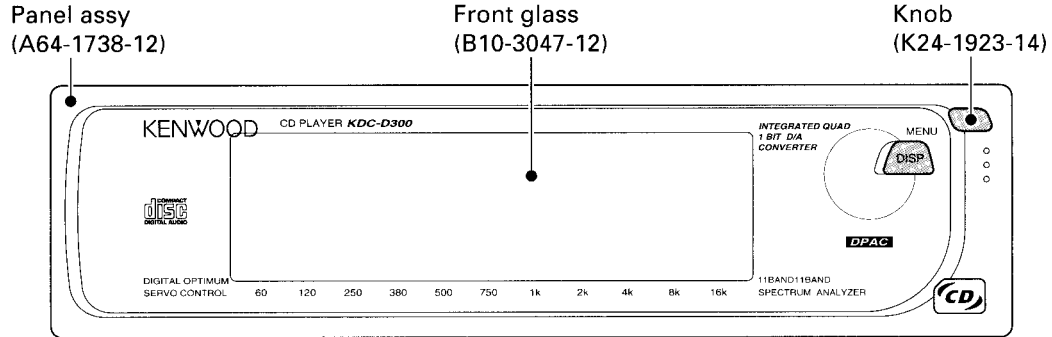


KDC-D300

SERVICE MANUAL



CIRCUIT DESCRIPTION

UPD78015FGC542 (IC1-, X25-)

System Microprocessor

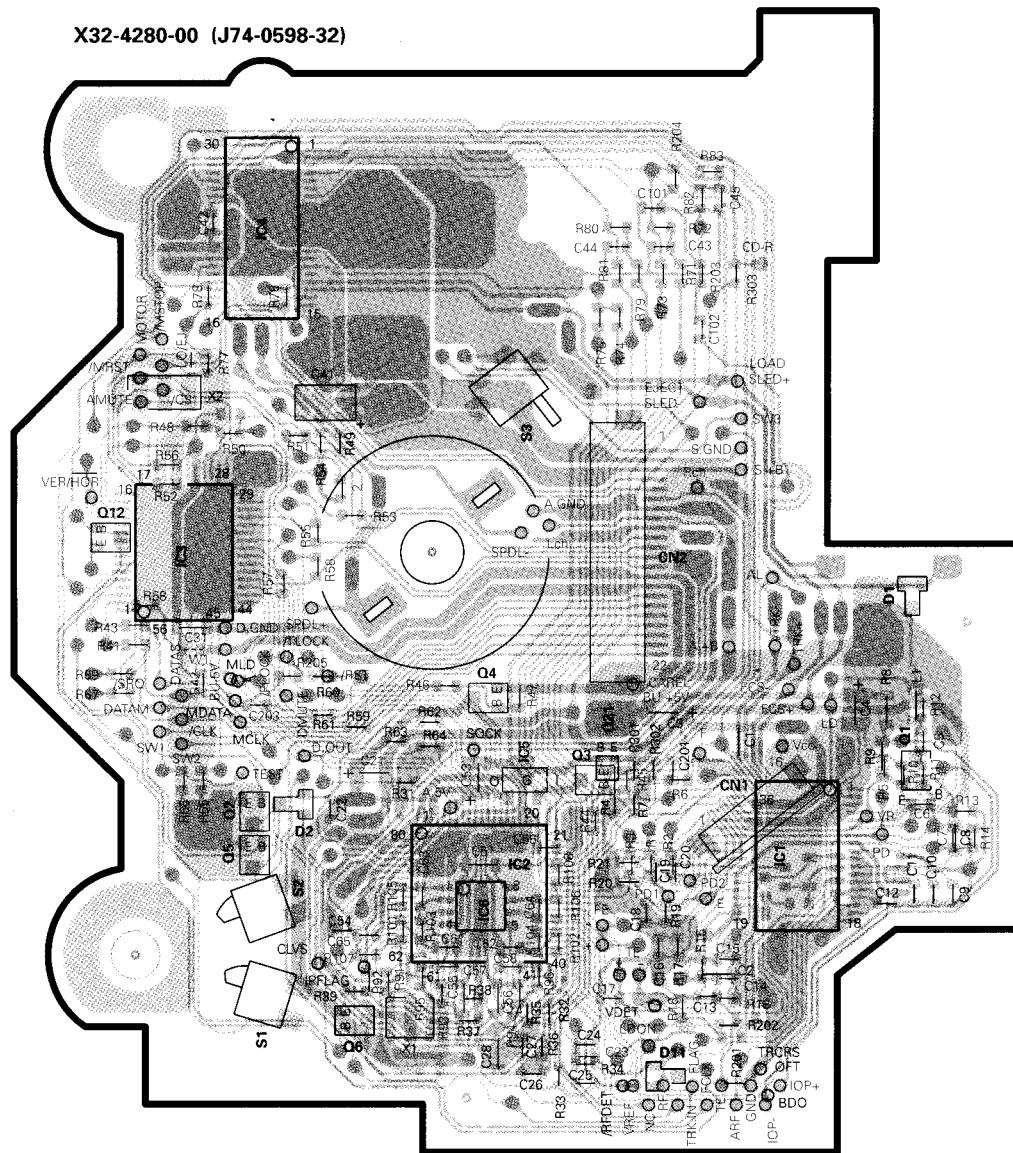
Pin	Pin Name	Name	I/O	Description / Processing / Operation	STBY
1	P30/TO	BEEP	O	BEEP output	L
2	P31/TO1	MRST	O	Reset to CD mechanism (Active : L)	H
3	P32/TO2	CD_MUTE	I	CD mechanism muting input	Hi-Z
4	P33/TI1	EJ_BUP	I	OR input of Eject and B.UP	Hi-Z
5	P34/TI2	CH_FLIP	I	OR input of CHCON and FLIP SW	Hi-Z
6	P35/PCL	MOTOR	O	MOTOR control (Run : H Stop : L)	L
7	P36/BUZ	LO/EJ	I/O	Loading / Eject	Hi-Z
8	P37	DATAM	I	Data input from CD mechanism	Hi-Z
9	Vss	Vss		GND	
10	P40/AD0	DATAS	O	Data output to CD mechanism	H
11	P41/AD1	CLK	O	Clock output to CD mechanism	H
12	P42/AD2	MSTOP	O	Stop request to CD mechanism	L
13	P43/AD3	L_INH	O	LCD driver control (ON : H OFF : L)	L
14	P44/AD4	L_CE	O	CE output to LCD driver	L
15	P45/AD5	DIMMER	O	Dimmer control (Nor : H Dim : L)	L
16	P46/AD6	N.C.	O		L
17	P47/AD7	BPF_SEL	O	B.P.F. input select line	L
18	P50/A8	BPF_A	O	B.P.F. input select line	L
19	P51/A9	BPF_B	O	B.P.F. input select line	L
20	P52/A10	BPF_C	O	B.P.F. input select line	L
21	P53/A11	CHCON	I	CH control from H/U (OFF : H ON : L)	Hi-Z
22	P54/A12	FLIP_SW	I	Panel detection (OFF : H ON : L)	Hi-Z
23	P55/A13	GILLUMI	O	Illumination control (ON : H OFF : L)	L
24	Vss	Vss		GND	
25	P56/A14	TYPE1	I	Destination (Japan : L Other : H)	Hi-Z
26	P57/A15	N.C.	O		L
27	P60	N.C.	O		L
28	P61	N.C.	O		L
29	P62	N.C.	O		L
30	P63	N.C.	O		L
31	P64/RD	MUTE	O	Muting output (ON : H OFF : L)	L
32	P65/WR	CH_MUTE	O	Muting output to H/U (OFF : H ON : L)	H
33	P66/WAIT	P_ON	O	Power control (ON : H OFF : L)	L
34	P67/ASTB	N.C.	O		L
35	RESET	RST	I	Reset input from H/U	Hi-Z
36	P00/INTP0/TI0	REQH	I	Handshake request from H/U	Hi-Z
37	P01/INTP1	COMMSW	I	Communication mode select (OLD : H NEW : L)	Hi-Z
38	P02/INTP2	LOAD_STB	I	Loading standby detection	Hi-Z
39	P03/INTP3	SRQ	I	Handshake request from CD mechanism	Hi-Z
40	Vdd	Vdd			

CIRCUIT DESCRIPTION

Pin	Pin Name	Name	I/O	Description / Processing / Operation	STBY
41	X2	X2		Main clock oscillator	
42	X1	X1	I	Main clock oscillator	
43	IC(Vpp)				
44	XT2	N.C.	O		L
45	P04/XT1	N.C.	I	Positive power supply	
46	AVss	N.C.		GND	
47	P10/ANI0	BPF_IN	I	Signal input from B.P.F.	Hi-Z
48	P11/ANI1	ILLUMI_ON	O	Illumination output (ON : H OFF : L)	L
49	P12/ANI2	SW2	I	12cm disc detection	Hi-Z
50	P13/ANI3	SW3	I	Down and limit detection	Hi-Z
51	P14/ANI4	B_UP	I	Momentary power down detection	Hi-Z
52	P15/ANI5	$\overline{\text{EJECT}}$	I	EJECT key input (EJECT : L)	Hi-Z
53	P16/ANI6	REF_CON	O	AVref control	L
54	P17/ANI7	SW1	I	Loading start switch	Hi-Z
55	AVdd	AVdd		A/D converter power supply	
56	AVref	AVref	I	A/D converter V reference	
57	P20/SI1	DATAH	I	Data line from H/U	Hi-Z
58	P21/SO1	DATAC	O	Data line to H/U	H
59	P22/SCK1	HCLK	I/O	Clock line (IN : H OUT : L)	N:Hi-Z O:H
60	P23/STB	REOC	O	Communication request to H/U	N:L O:H
61	P24/BUSY	CS	O	Communication request to CD mechanism	H
62	P25/SI0/SB0/SDA0	P_KEY	I	KEY input from LCD driver	Hi-Z
63	P26/SO0/SB1/SDA1	L_DATA	O	KEY output to LCD driver	L
64	P27/SCK0/SCL	L_CLK	O	Clock output to LCD driver	L

PC BOARD (FOIL SIDE VIEW)

X32-4280-00 (J74-0598-32)

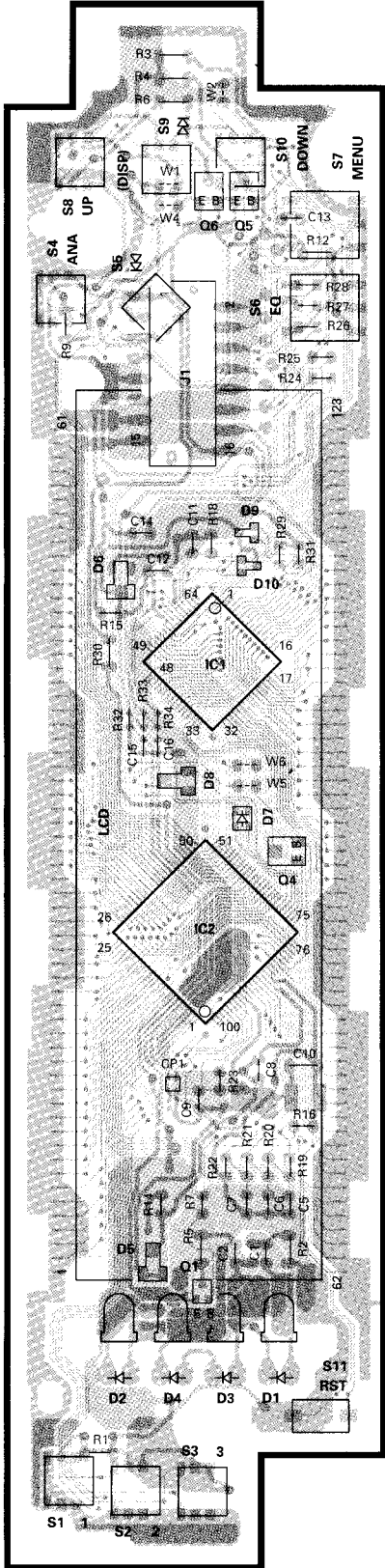


(X32-4280-00)

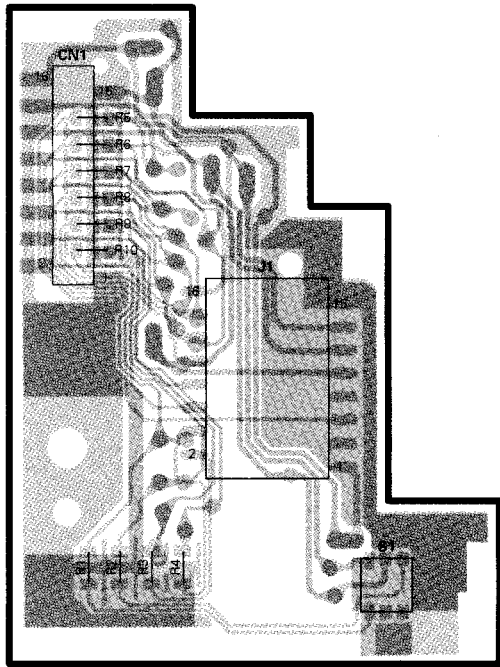
IC	1	2	3	4	5	6										
Q							1	2	3	4	5	6	12	21		
address	4I	4H	3G	2G	4H	4H	4I	4G	4H	4H	4G	5H	3G	4H		

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

X13-9470-00
(J74-0877-12)



X89-2280-02
(J74-0720-22)

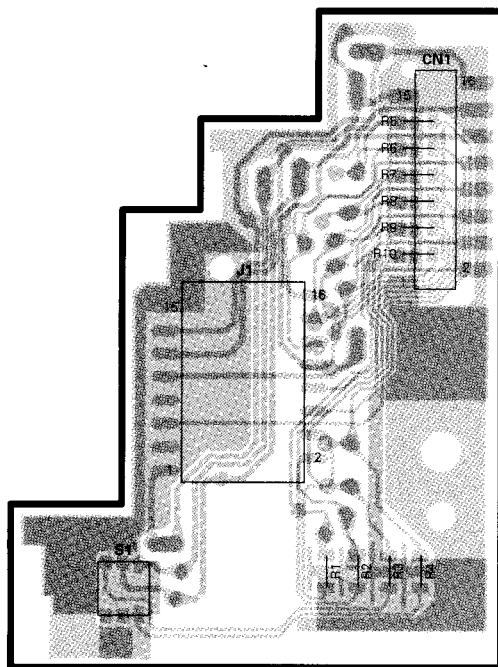


X13-947X-XX

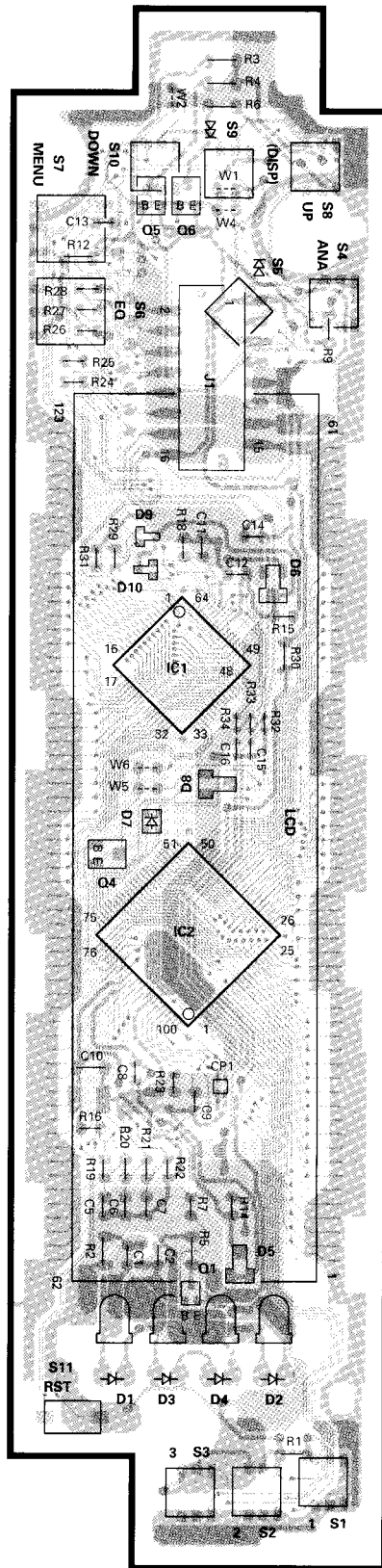
IC	Q	address
1		4Q
	1	6Q

PC BOARD (FOIL SIDE VIEW)

X89-2280-02
(J74-0720-22)



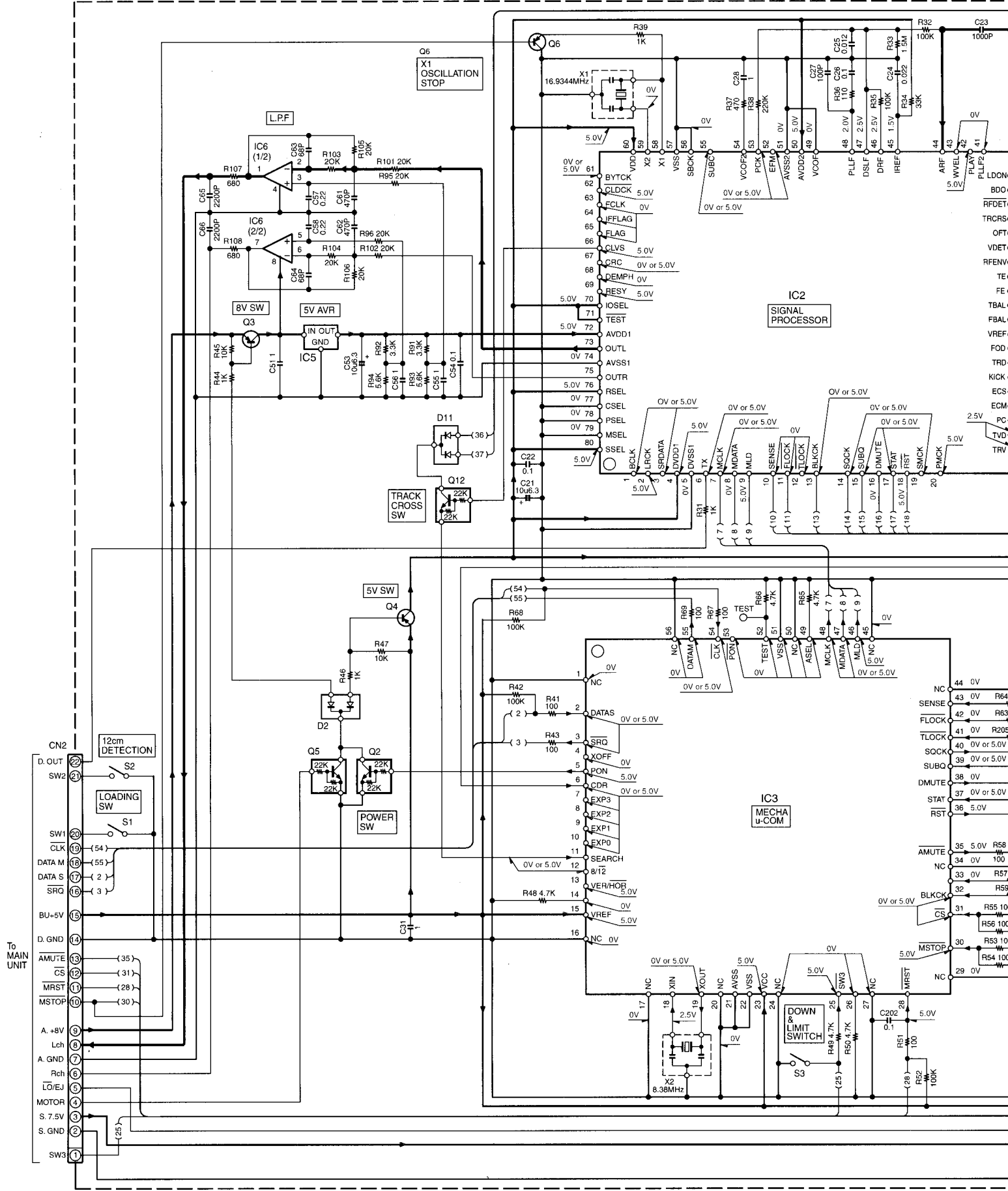
X13-9470-00
(J74-0877-12)



X13-947X-XX

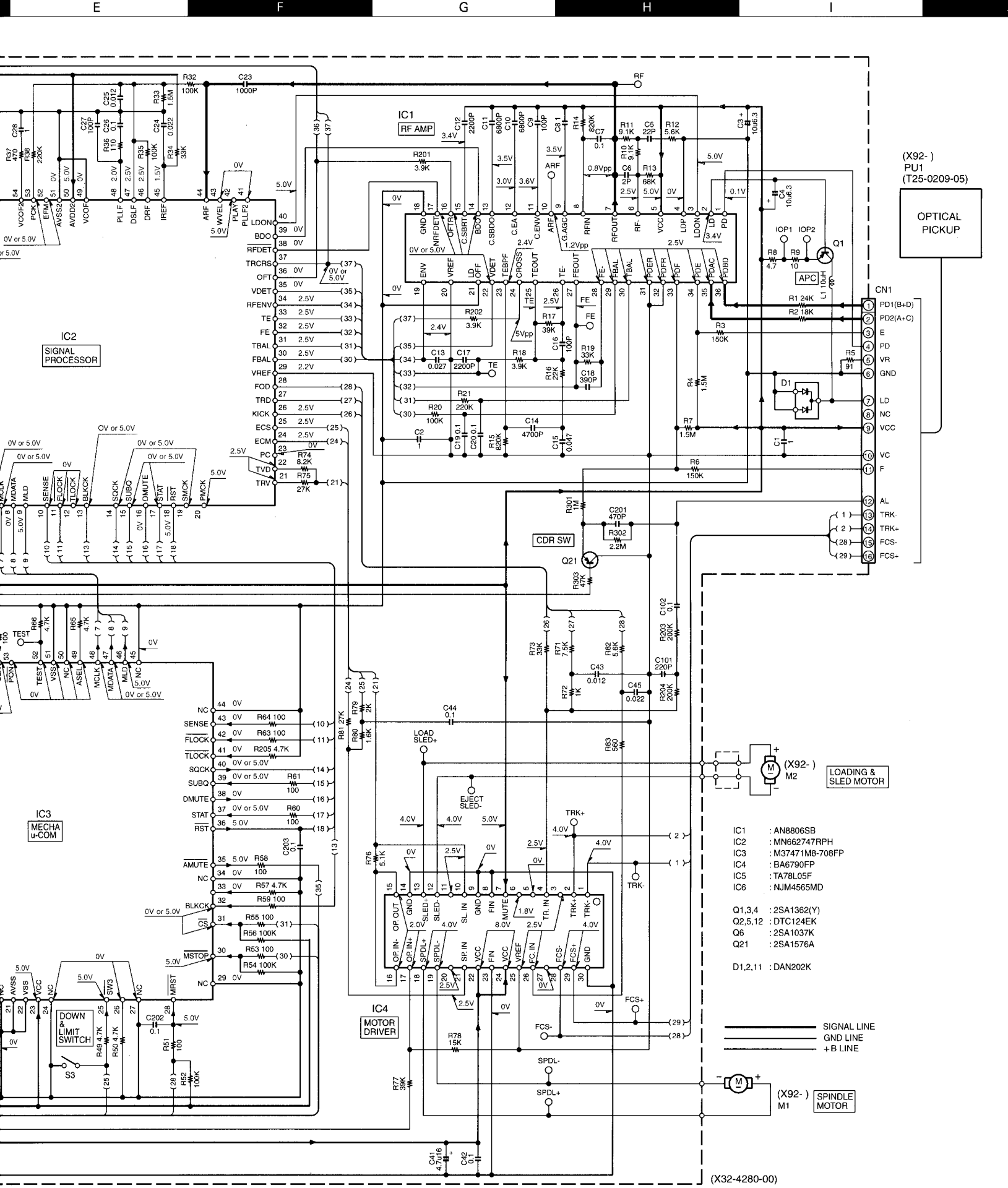
IC	Q	address
1		4X
	1	6X

CD PLAYER UNIT (X32-4280-00)



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 volta
 vary slight



(X92-)
PU1
(T25-0209-05)

OPTICAL PICKUP

CN1
 ① PD1(B+D)
 ② PD2(A+C)
 ③ E
 ④ VR
 ⑤ PD
 ⑥ GND
 ⑦ LD
 ⑧ NC
 ⑨ VCC
 ⑩ VC
 ⑪ F
 ⑫ AL
 ⑬ TRK-
 ⑭ TRK+
 ⑮ FCS-
 ⑯ FCS+
 ⑰
 ⑱
 ⑲
 ⑳

- IC1 : AN8806SB
- IC2 : MN662747RPH
- IC3 : M37471M8-708FP
- IC4 : BA6790FP
- IC5 : TA78L05F
- IC6 : NJM4565MD

- Q1,3,4 : 2SA1362(Y)
- Q2,5,12 : DTC124EK
- Q6 : 2SA1037K
- Q21 : 2SA1576A

D1,2,11 : DAN202K

— SIGNAL LINE
 — GND LINE
 — +B LINE

(X92-)
M2
LOADING & SLED MOTOR

(X92-)
M1
SPINDLE MOTOR

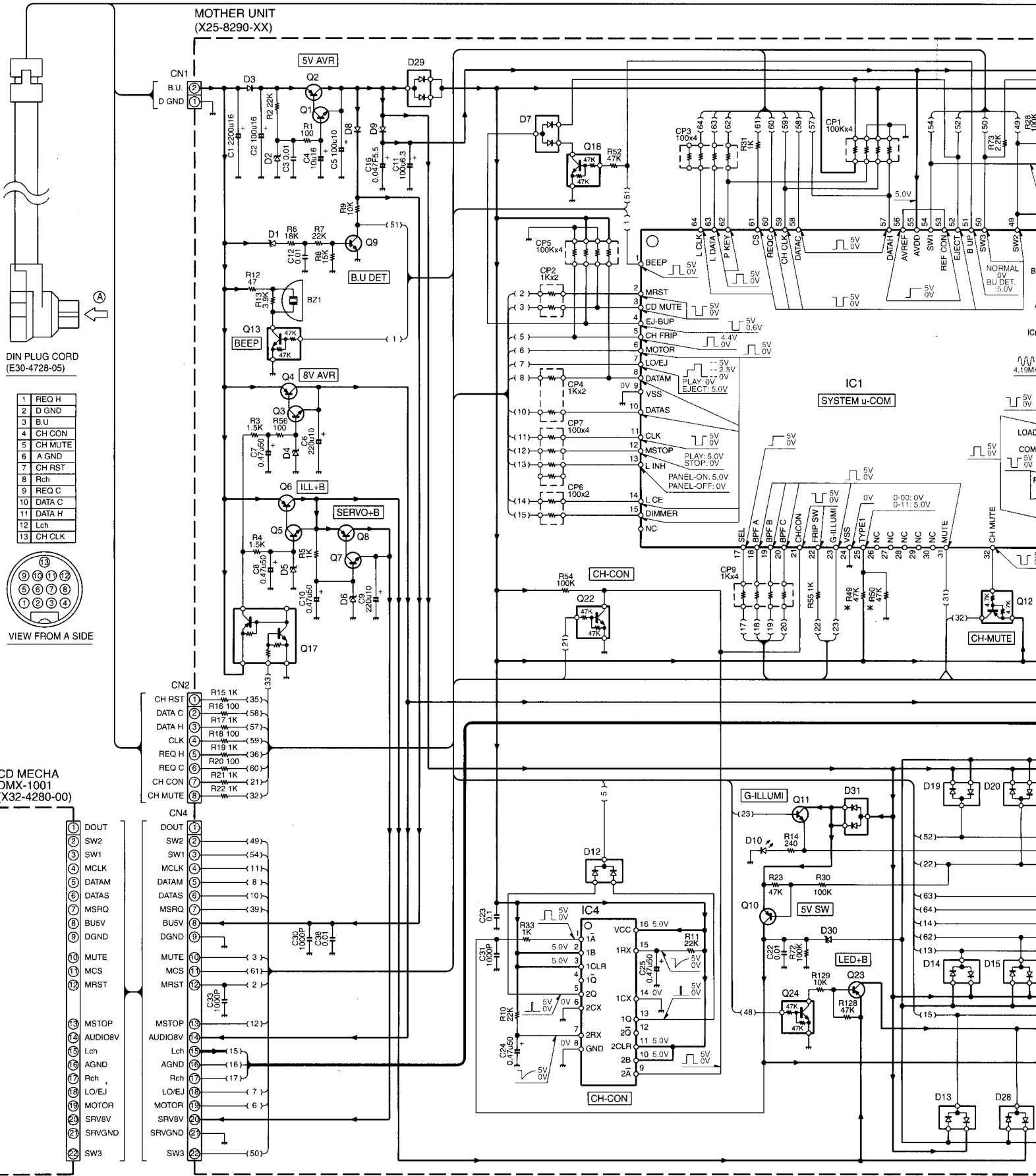
(X32-4280-00)

parts (refer to parts list).
 measurements shall be carried out
 mer.

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

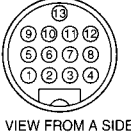
KDC-D3
KENWOOD

MOTHER UNIT
(X25-8290-XX)



DIN PLUG CORD
(E30-4728-05)

- | | |
|----|---------|
| 1 | REQ H |
| 2 | D'GND |
| 3 | B.U |
| 4 | CH CON |
| 5 | CH MUTE |
| 6 | A GND |
| 7 | CH RST |
| 8 | Rch |
| 9 | REQ C |
| 10 | DATA C |
| 11 | DATA H |
| 12 | Lch |
| 13 | CH CLK |



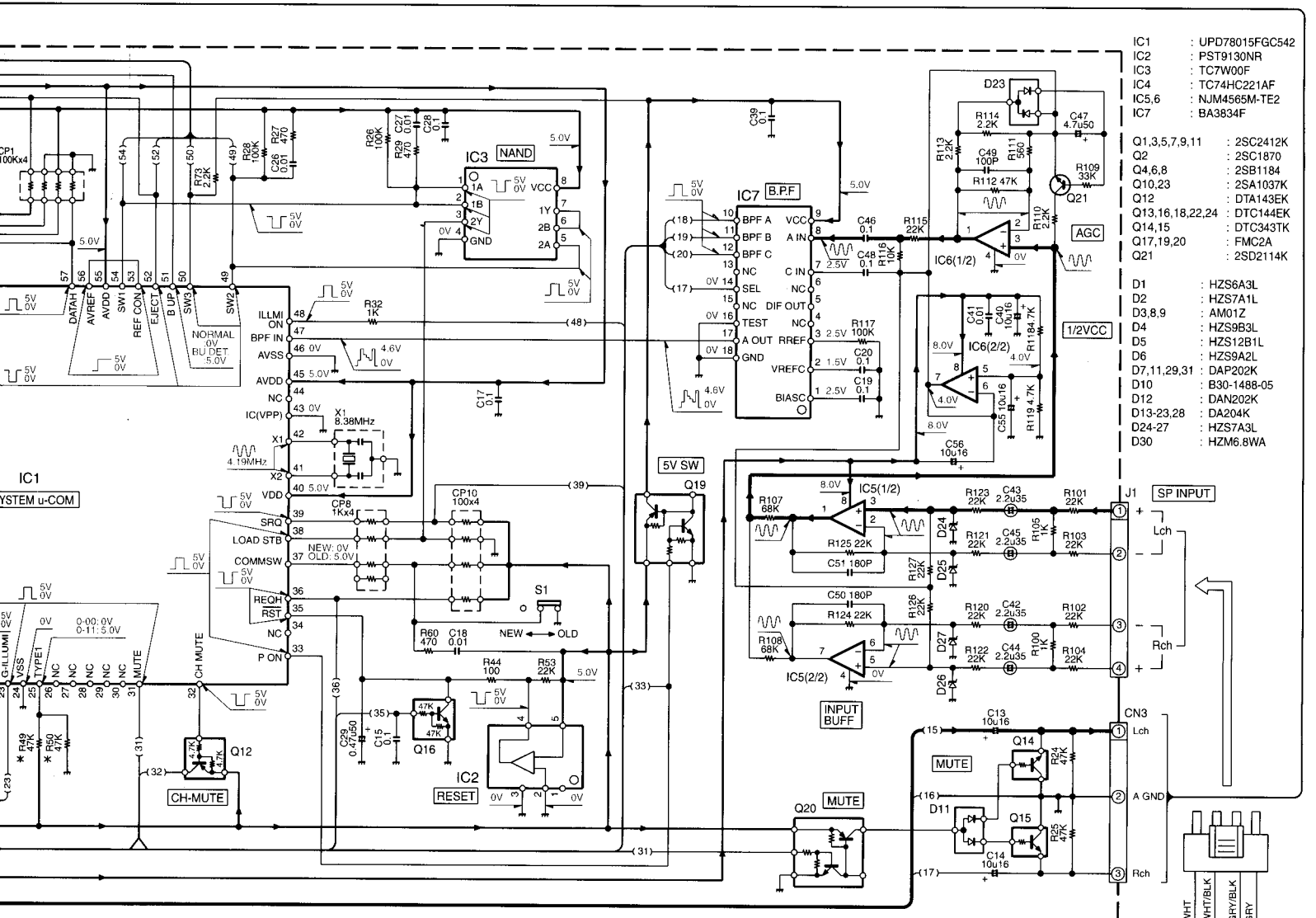
CD MECHA
DMX-1001
(X32-4280-00)

- | | | | |
|-----|---------|---------|------|
| CN2 | CH RST | R15 1K | (35) |
| | DATA C | R16 100 | (58) |
| | DATA H | R17 1K | (57) |
| | CLK | R18 100 | (59) |
| | REQ H | R19 1K | (36) |
| | REQ C | R20 100 | (60) |
| | CH CON | R21 1K | (21) |
| | CH MUTE | R22 1K | (32) |

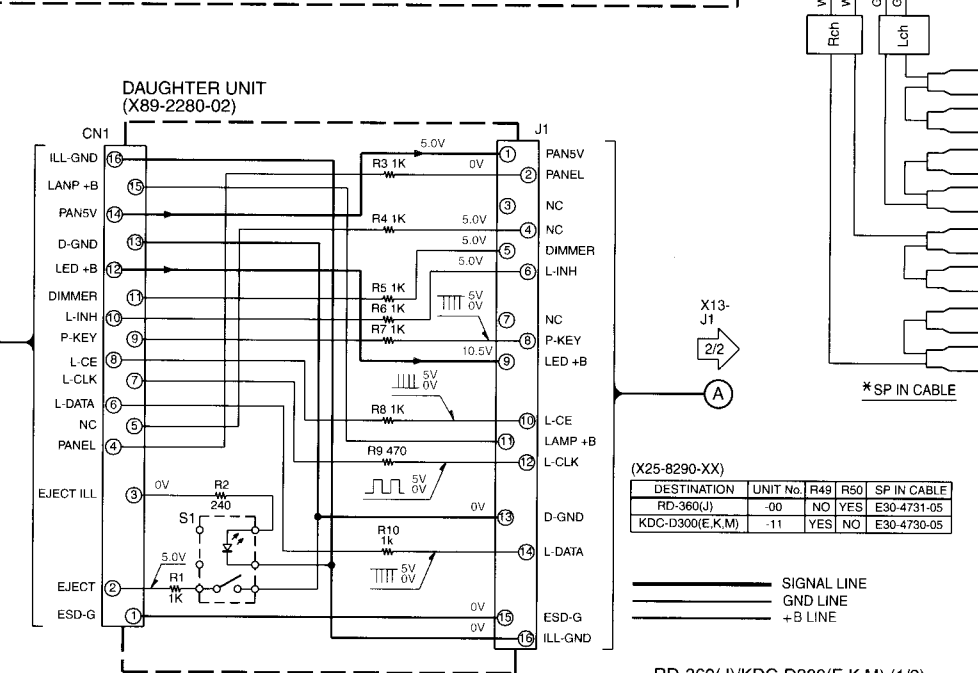
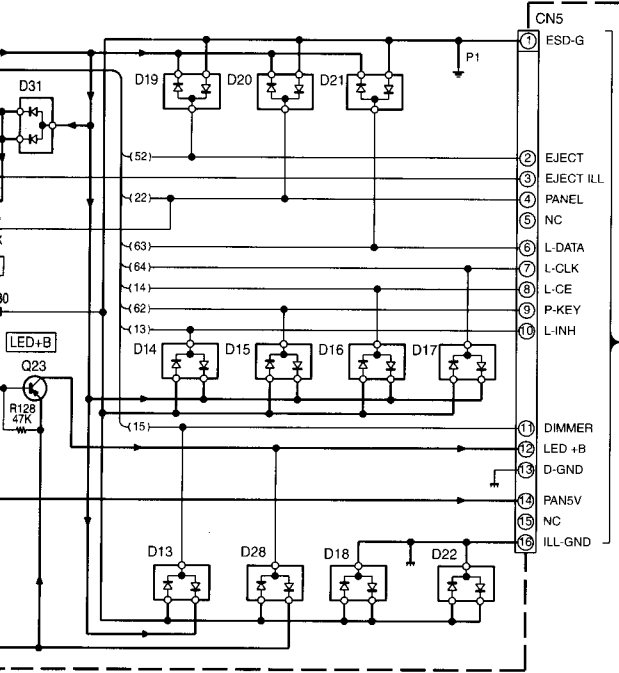
- | | | | |
|-----|---------|------|------|
| CN4 | DOUT | (1) | (49) |
| | SW2 | (2) | (54) |
| | SW1 | (3) | (54) |
| | MCLK | (4) | (11) |
| | DATAM | (5) | (8) |
| | DATAS | (6) | (10) |
| | MSRQ | (7) | (39) |
| | BU5V | (8) | |
| | DGND | (9) | |
| | MUTE | (10) | (3) |
| | MCS | (11) | (61) |
| | MRST | (12) | (2) |
| | MSTOP | (13) | (12) |
| | AUDIO8V | (14) | |
| | Lch | (15) | |
| | AGND | (16) | |
| | Rch | (17) | (17) |
| | LO/EJ | (18) | (7) |
| | MOTOR | (19) | (6) |
| | SRV8V | (20) | |
| | SRV8V | (21) | |
| | SRV8V | (22) | |
| | SW3 | (23) | (50) |

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 vary slightly



- IC1 : UPD78015FGC542
 - IC2 : PST9130NR
 - IC3 : TC7W00F
 - IC4 : TC74HC221AF
 - IC5,6 : NJM4565M-TE2
 - IC7 : BA3834F
-
- Q1,3,5,7,9,11 : 2SC2412K
 - Q2 : 2SB1870
 - Q4,6,8 : 2SB1184
 - Q10,23 : 2SA1037K
 - Q12 : DTA143EK
 - Q13,16,18,22,24 : DTC144EK
 - Q14,15 : DTC343TK
 - Q17,19,20 : FMC2A
 - Q21 : 2SD2114K
-
- D1 : HZS6A3L
 - D2 : HZS7A1L
 - D3,8,9 : AM01Z
 - D4 : HZS9B3L
 - D5 : HZS12B1L
 - D6 : HZS9A2L
 - D7,11,29,31 : DAP202K
 - D10 : B30-1488-05
 - D12 : DAN202K
 - D13-23,28 : DA204K
 - D24-27 : HZS7A3L
 - D30 : HZM6.8WA



(X25-8290-XX)

DESTINATION	UNIT No.	R49	R50	SP IN CABLE
RD-360(J)	-00	NO	YES	E30-4731-05
KDC-D300(E,K,M)	-11	YES	NO	E30-4730-05

— SIGNAL LINE
 — GND LINE
 — +B LINE

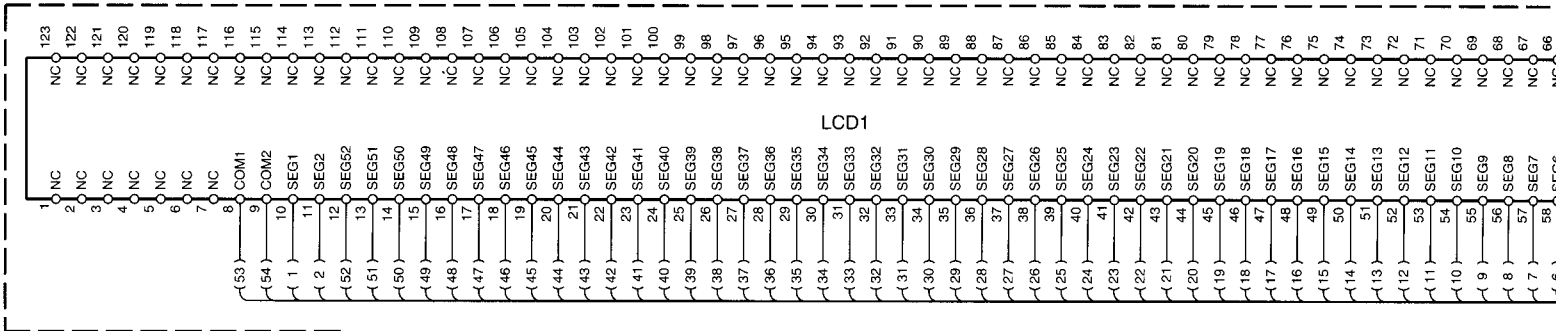
RD-360(J)/KDC-D300(E,K,M) (1/2)

(ts list).
 be carried out

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



PANEL UNIT
(X13-947X-XX)



(X13-947X-XX)

MODEL NAME	UNIT No.	S8
RD-360(J)	0-00	S70-850-05
KDC-D300(E,K,M)	2-71	S70-861-05

IC1 : LC75823W

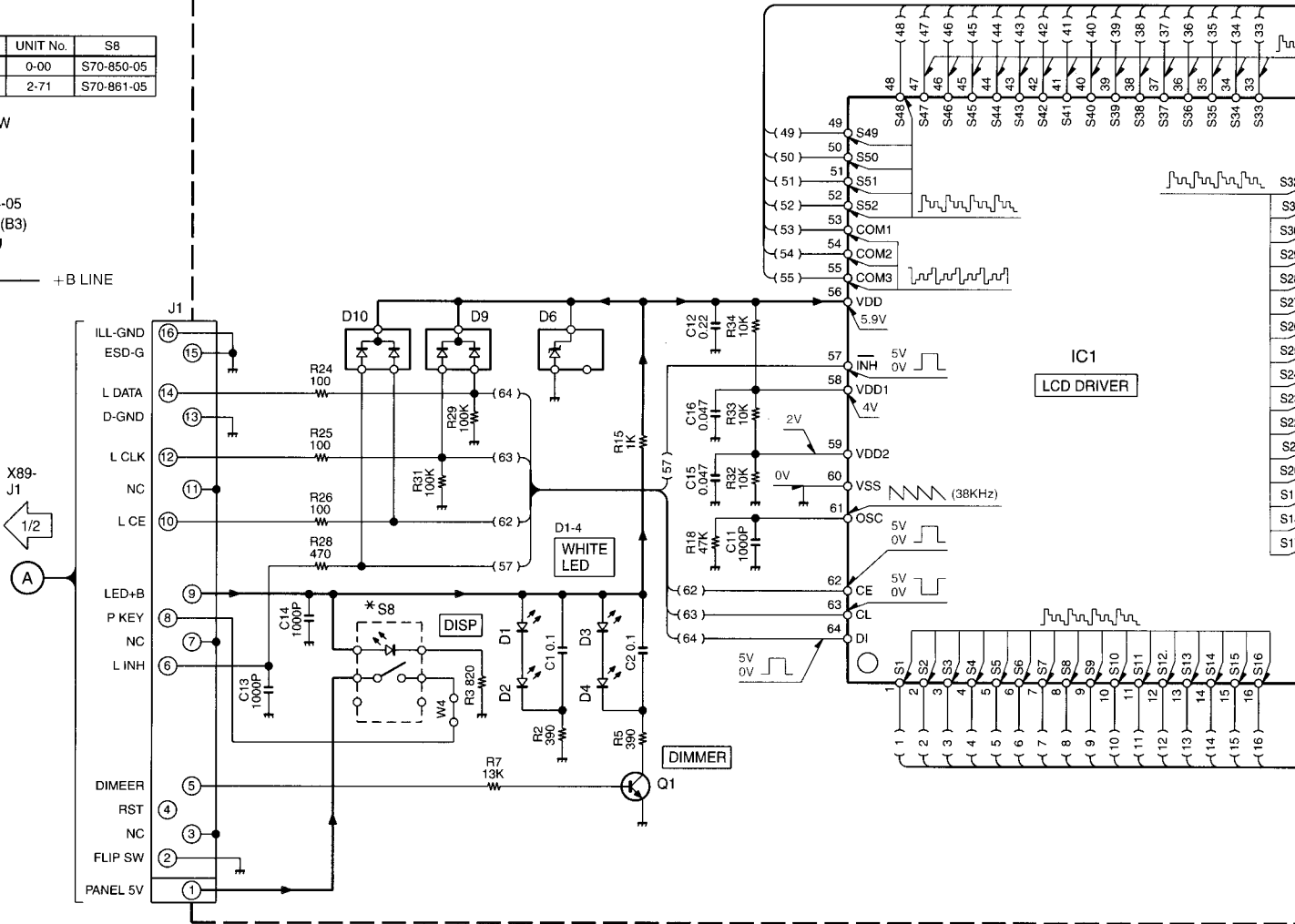
Q1 : 2SC4081

D1-4 : B30-1515-05

D6 : HZM5.6N(B3)

D9,10 : DAN202U

+B LINE

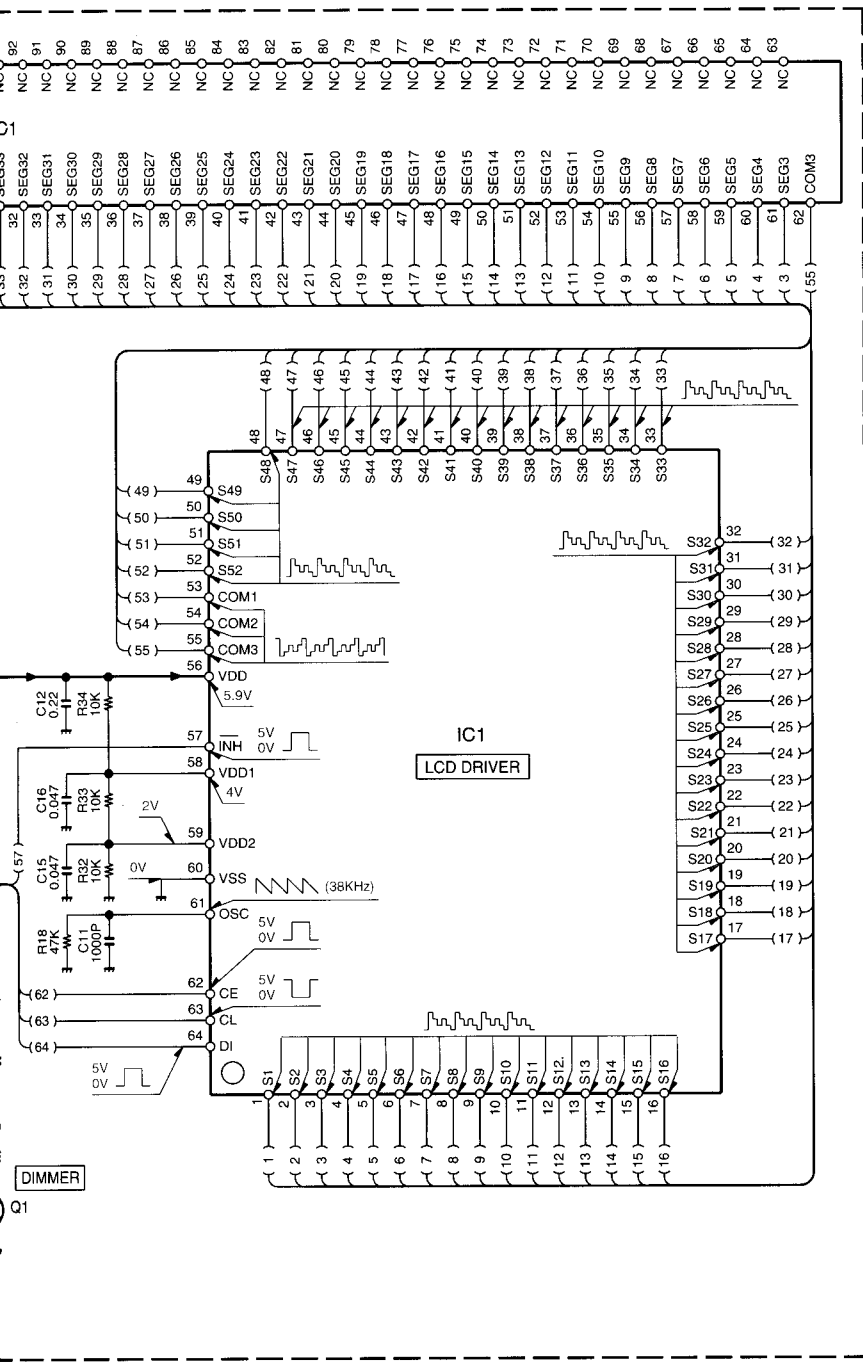


RD-360(J)/KDC-

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.

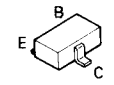
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



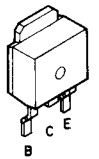
RD-360(J)/KDC-D300(E,K,M) (2/2)

...critical components only with
 ...list).
 ...the risk of electric shock, leakage-
 ...out (exposed parts are acceptably
 ...is returned to the customer.
 ...reference voltmeter. Values may vary
 ...instruments or/and units.

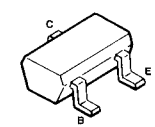
- DAT143EK
- DTC124EK
- DTC144EK
- DTC343TK
- 2SA1362
- 2SC2412K
- 2SD2114K



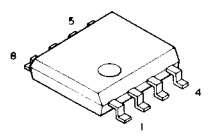
2SB1184



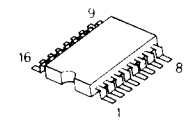
- 2SA1037K
- 2SC4081



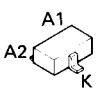
NJM4565M-TE2
 NJM4565MD



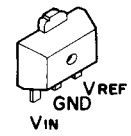
TC74HC221AF



DAN202K
 DAN202U



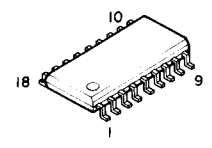
TA78L05F



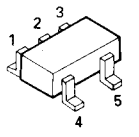
DA204K



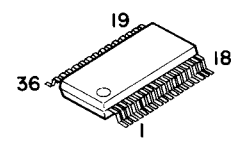
BA3834F



PST9130NR

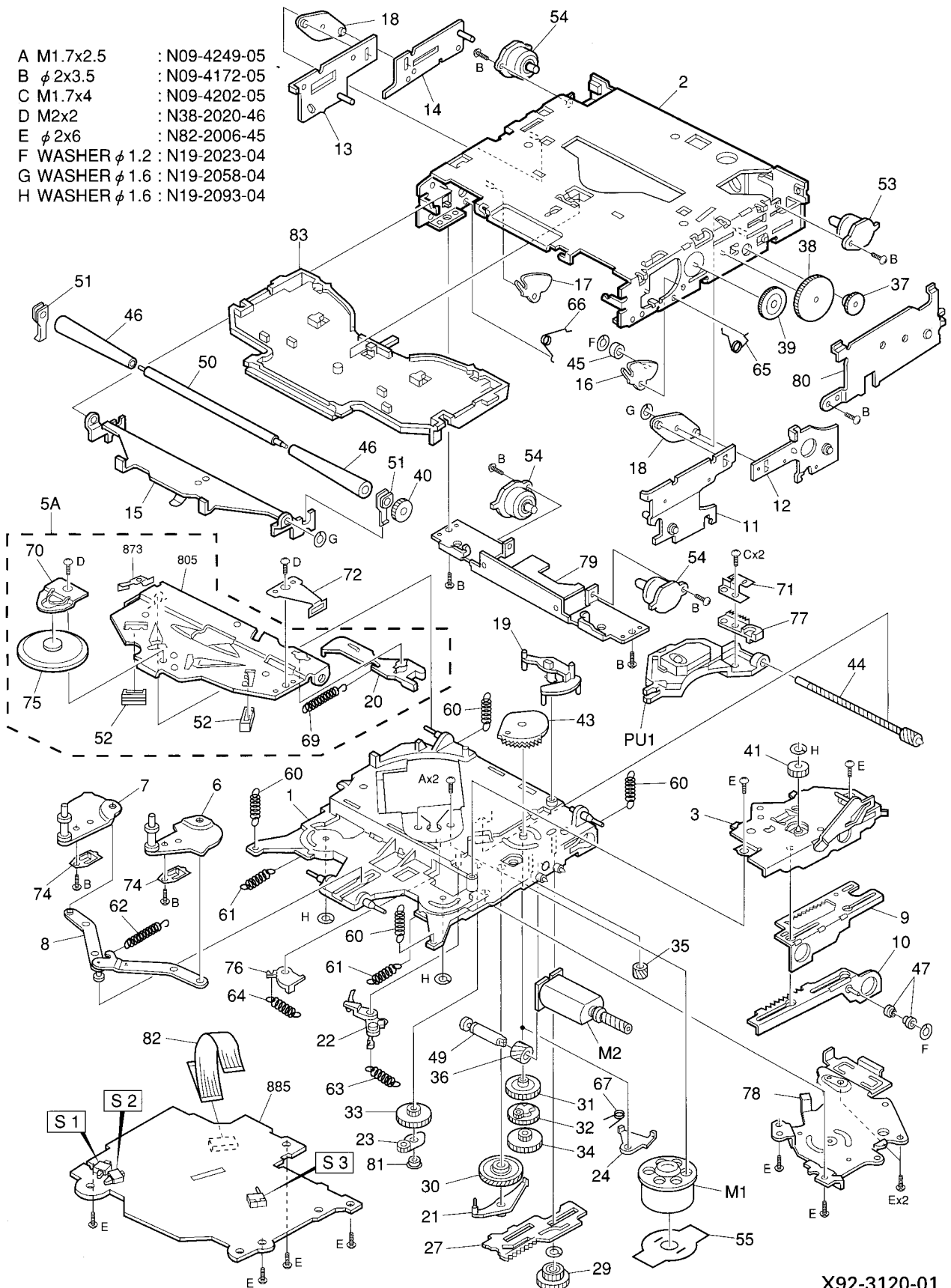


AN8806SB



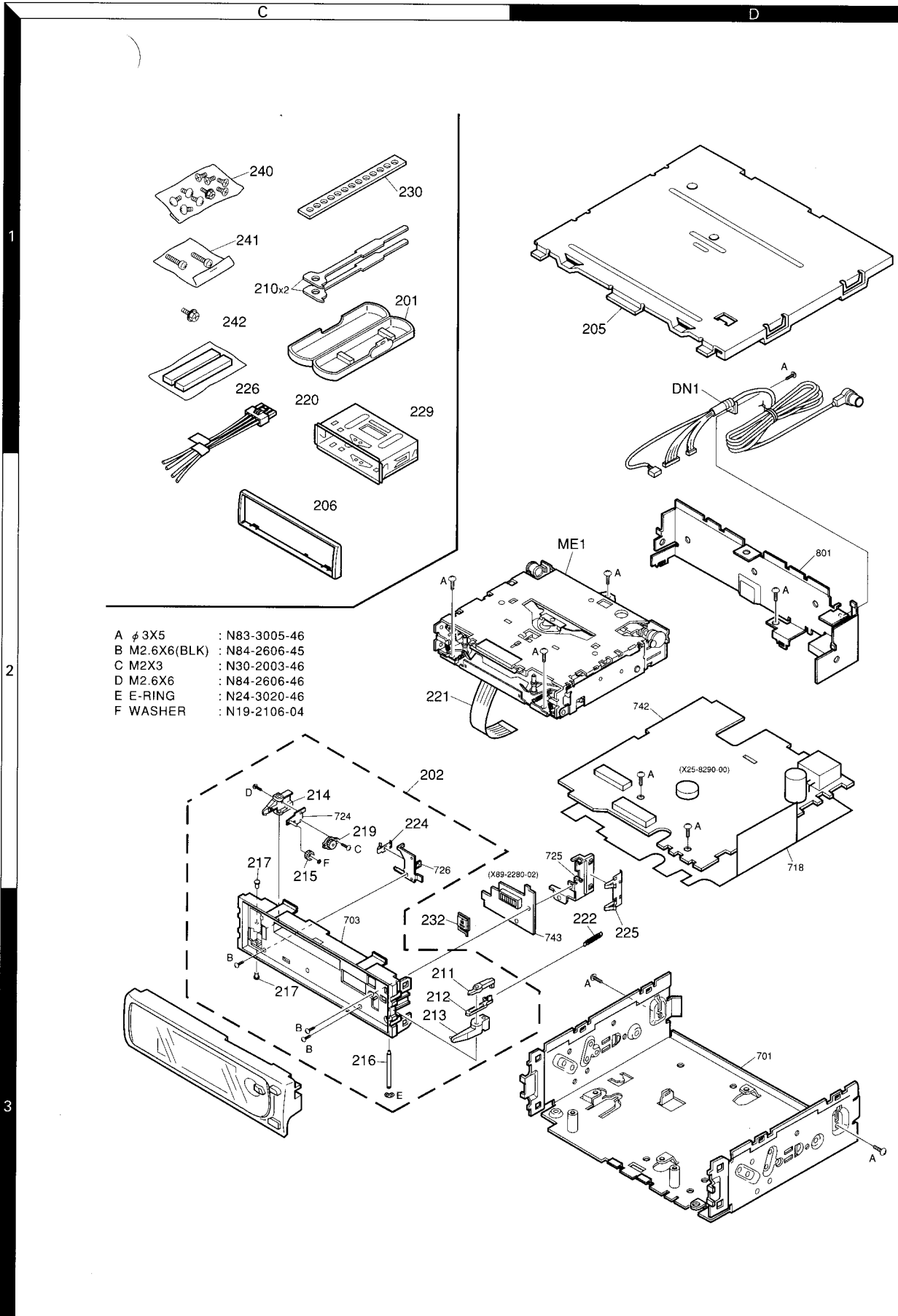
EXPLODED VIEW (MECHANISM)

- | | | |
|---|-------------|---------------|
| A | M1.7x2.5 | : N09-4249-05 |
| B | φ2x3.5 | : N09-4172-05 |
| C | M1.7x4 | : N09-4202-05 |
| D | M2x2 | : N38-2020-46 |
| E | φ2x6 | : N82-2006-45 |
| F | WASHER φ1.2 | : N19-2023-04 |
| G | WASHER φ1.6 | : N19-2058-04 |
| H | WASHER φ1.6 | : N19-2093-04 |



X92-3120-01

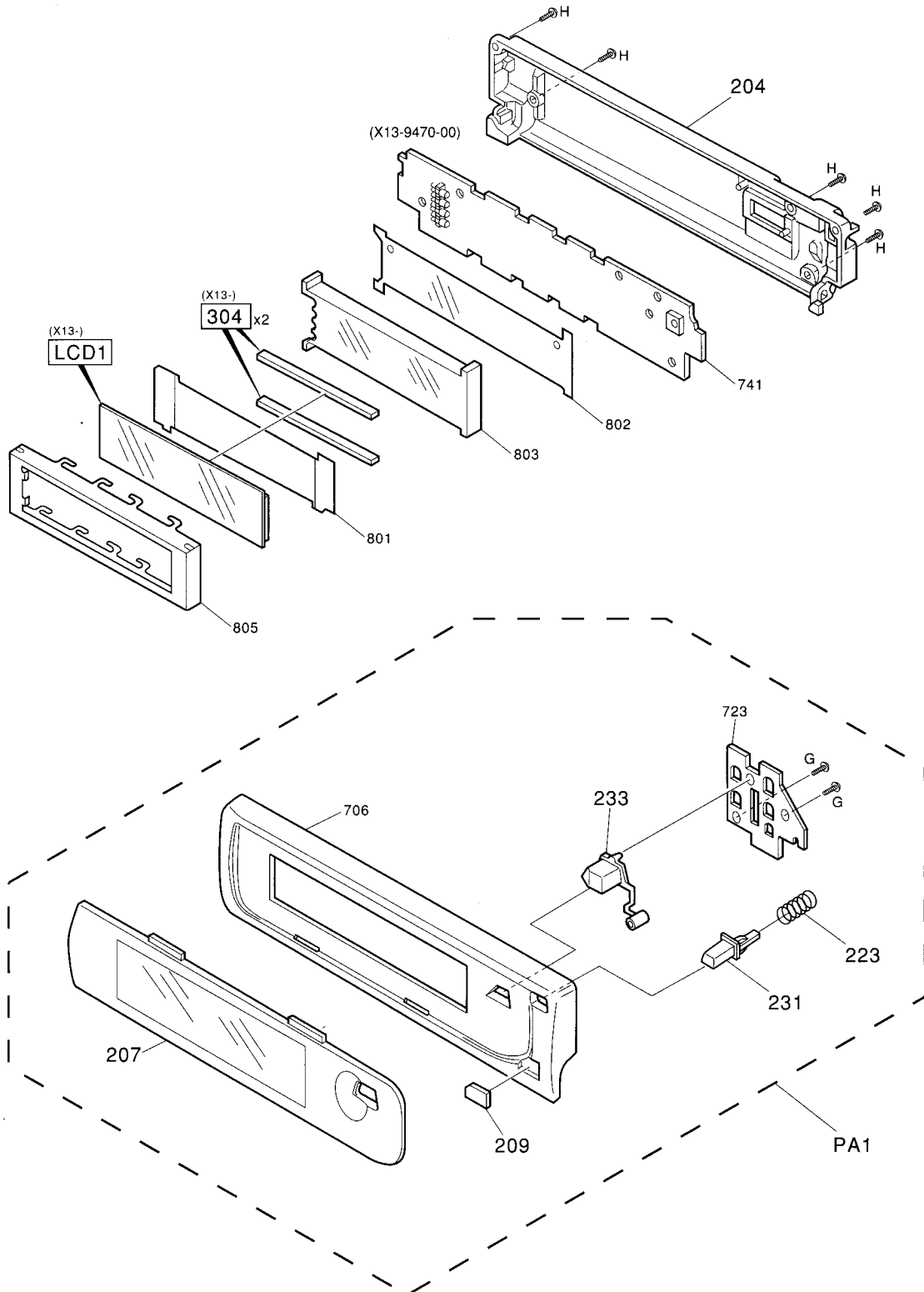
EXPLODED VIEW (UNIT)



- A ϕ 3X5 : N83-3005-46
- B M2.6X6(BLK) : N84-2606-45
- C M2X3 : N30-2003-46
- D M2.6X6 : N84-2606-46
- E E-RING : N24-3020-46
- F WASHER : N19-2106-04

EXPLODED VIEW (UNIT)

G ϕ 2x5 : N80-2005-46
 H ϕ 2x8 (BLK) : N80-2008-45



KDC-D300

PARTS LIST

* New Parts

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

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

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

KDC-D300

SWITCH UNIT (X13-947X-XX)

ELECTRIC UNIT (X25-8290-11)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
KDC-D300					
201	1C		A02-1486-13	PLASTIC CABINET ASSY	
202	3C		A22-2347-02	SUB PANEL ASSY	
204	1F		A46-1642-01	REAR COVER	
205	1C		A52-0747-02	TOP PLATE	
PA1	3F	*	A64-1738-12	PANEL ASSY	
206	2C		B07-2163-02	ESCUTCHEON	
207	3E	*	B10-3047-12	FRONT GLASS	
209	3F	*	B43-1247-14	BADGE	
-			B46-0100-50	WARRANTY CARD	
-			B46-0182-14	D CARD	E1
-			B46-0606-04	ID CARD	K1M1
-		*	B64-1428-00	INSTRUCTION MANUAL	K1
-		*	B64-1429-00	INSTRUCTION MANUAL	M1
-		*	B64-1430-00	INSTRUCTION MANUAL	E1
210	1C		D10-3031-04	LEVER	
211	3C		D10-4141-04	LEVER	
212	3C		D10-4142-44	LEVER	
213	3C		D10-4143-14	LEVER	
214	2C		D10-4144-13	LEVER	
215	3C		D13-1352-04	GEAR	
216	3C		D21-2272-04	SHAFT	
217	3C		D21-2273-04	SHAFT	
219	3C		D39-0237-05	DAMPER	
220	1C		E30-4730-05	SP CORD	
221	2C		E39-0180-05	FLAT CABLE	
DN1	1D		E30-4728-05	CORD WITH DIN CONNECTOR	
222	3D		G01-2856-24	EXTENSION SPRING	
223	3F		G01-2921-04	COMPRESSION SPRING	
224	2C		G02-1257-14	FLAT SPRING	
225	3C		G02-1259-14	FLAT SPRING	
226	1C		G11-1860-05	CUSHION	
-			H10-4650-02	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	K1M1
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	E1
-		*	H54-1443-03	ITEM CARTON CASE	
229	1C		J21-7881-03	MOUNTING HARDWARE ASSY	
230	1C		J54-0606-04	STAY	K1M1
231	3F		K24-1923-14	KNOB REL	
232	3C		K24-1947-14	KNOB EJECT	
233	3F		K25-1026-04	KNOB DISP	
240	1C		N99-1632-05	SCREW SET	
241	1C		N99-1656-05	SCREW SET	
242	1C		N09-1885-05	SEMS (MACHINE SCREW)	
A	3D		N83-3005-46	PAN HEAD TAPTITE SCREW	
B	3C		N84-2606-45	PAN HEAD TAPTITE SCREW	
C	3C		N30-2003-46	PAN HEAD MACHINE SCREW	
D	2C		N84-2606-46	PAN HEAD TAPTITE SCREW	
E	3C		N24-3020-46	E TYPE RETAINING RING(27#)	
F	3C		N19-2106-04	FLAT WASHER	
G	2F		N80-2005-46	PAN HEAD TAPTITE SCREW	

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
H	1F		N80-2008-45	PAN HEAD TAPTITE SCREW	
ME1	2D		X92-3120-01	MECHANISM ASSY	
SWITCH UNIT (X13-947X-XX)					
D1 -4			B30-1515-05	LED	
LCD1	2E		B38-1013-05	LIQUID CRYSTAL	
C1 ,2			CK73FB1C104K	CHIP C 0.10UF K	
C11			CK73FB1H102K	CHIP C 1000PF K	
C12			CK73FB1C224K	CHIP C 0.22UF K	
C13 ,14			CK73FB1H102K	CHIP C 1000PF K	
C15 ,16			CK73GB1C473K	CHIP C 0.047UF K	
304	1E		E29-1584-04	CONDUCTIVE RUBBER	
J1			E59-0829-05	RECTANGULAR PLUG	
CP1			R90-0723-05	MULTI-COMP 47K X2	
R2			RK73EB2B391J	CHIP R 390 J 1/8W	
R3			R92-3060-05	CHIP R 820 J 1/4W	
R5			RK73EB2B391J	CHIP R 390 J 1/8W	
R7			RK73FB2A133J	CHIP R 13K J 1/10W	
R15			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R18			RK73FB2A473J	CHIP R 47K J 1/10W	
R24 -26			RK73FB2A101J	CHIP R 100 J 1/10W	
R27 ,28			RK73FB2A471J	CHIP R 470 J 1/10W	
R29			RK73FB2A104J	CHIP R 100K J 1/10W	
R31			RK73FB2A104J	CHIP R 100K J 1/10W	
R32 -34			RK73GB1J103J	CHIP R 10K J 1/16W	
W1 ,2			R92-2052-05	CHIP R 0 J 1/10W	
W4			R92-2052-05	CHIP R 0 J 1/10W	
S8			S70-0850-05	TACT SWITCH	K1M1
S8			S70-0861-05	TACT SWITCH	E1
D6		*	HZM5.6N(B3)	ZENER DIODE	
D9 ,10			DAN202U	DIODE	
IC1			LC75823W	MOS-IC	
Q1			2SC4081	TRANSISTOR	
ELECTRIC UNIT (X25-8290-11)					
D10			B30-1488-05	LED	
C1			C90-5239-05	ALUMINIUM ELECTROLYTIC C.	
C2			CE04CW1C101M	ELECTRO 100UF 16WV	
C3			CK73FB1H103K	CHIP C 0.010UF K	
C4			C90-2597-05	ELECTRO 10UF 16WV	
C5			CE04CW1A101M	ELECTRO 100UF 10WV	
C6			CE04CW1A221M	ELECTRO 220UF 10WV	
C7 ,8			C90-2606-05	ELECTRO 0.47UF 50WV	
C9			CE04CW1A221M	ELECTRO 220UF 10WV	
C10			C90-2606-05	ELECTRO 0.47UF 50WV	
C11			CE04CW0J101M	ELECTRO 100UF 6.3WV	
C12			CK73FB1H103K	CHIP C 0.010UF K	
C13 ,14			C90-2597-05	ELECTRO 10UF 16WV	
C15			CK73FB1C104K	CHIP C 0.10UF K	
C16			C90-2945-05	ELECTRO 0.047F 5.5WV	
C17			CK73FB1C104K	CHIP C 0.10UF K	
C18			CK73FB1H103K	CHIP C 0.010UF K	
C19 ,20			CK73FB1C104K	CHIP C 0.10UF K	

K1:USA

E1:Europe

M1:Other Areas

△ indicates safety critical components.

PARTS LIST

* New Parts

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ELECTRIC UNIT (X25-8290-11)

Ref. No.	Added	New	Parts No.	Description	Destination
C21, 22			CK73FB1H103K	CHIP C 0.010UF K	
C23			CK73FB1C104K	CHIP C 0.10UF K	
C24, 25			C90-2606-05	ELECTRO 0.47UF 50WV	
C26, 27			CK73FB1H103K	CHIP C 0.010UF K	
C28			CK73FB1C104K	CHIP C 0.10UF K	
C29			C90-2606-05	ELECTRO 0.47UF 50WV	
C30, 31			CK73FB1H102K	CHIP C 1000PF K	
C33			CK73FB1H102K	CHIP C 1000PF K	
C38			CK73FB1H103K	CHIP C 0.010UF K	
C39			CK73FB1C104K	CHIP C 0.10UF K	
C40			C90-2597-05	ELECTRO 10UF 16WV	
C41			CK73FB1H103K	CHIP C 0.010UF K	
C42 -45			C90-2525-05	NP-ELECT 2.2UF 35WV	
C46			CK73FB1C104K	CHIP C 0.10UF K	
C47			C90-2595-05	ELECTRO 4.7UF 16WV	
C48			CK73FB1C104K	CHIP C 0.10UF K	
C49			CC73FCH1H101J	CHIP C 100PF J	
C50, 51			CC73FCH1H181J	CHIP C 180PF J	
C55, 56			C90-2597-05	ELECTRO 10UF 16WV	
CN1			E40-3237-05	PIN ASSY	
CN2			E40-3252-05	PIN ASSY	
CN3			E40-3238-05	PIN ASSY	
CN4			E40-9339-05	FLAT CABLE CONNECTOR	
CN5			E40-9595-05	PIN ASSY	
J1			E58-0884-05	RECTANGULAR RECEPTACLE	
P1			E23-1715-05	TERMINAL	
X1			L78-0591-05	RESONATOR	
CP1			R90-0720-05	MULTI-COMP 100K X4	
CP2			R90-0725-05	MULTI-COMP 1K X2	
CP3			R90-1014-05	MULTI-COMP 100 X4	
CP4			R90-0725-05	MULTI-COMP 1K X2	
CP5			R90-0720-05	MULTI-COMP 100K X4	
CP6			R90-1019-05	MULTI-COMP 100 X2	
CP7			R90-1014-05	MULTI-COMP 100 X4	
CP8, 9			R90-0724-05	MULTI-COMP 1K X4	
CP10			R90-0720-05	MULTI-COMP 100K X4	
R1			RK73FB2A101J	CHIP R 100 J 1/10W	
R2			RK73FB2A223J	CHIP R 22K J 1/10W	
R3, 4			RK73FB2A152J	CHIP R 1.5K J 1/10W	
R5			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R6			RK73FB2A183J	CHIP R 18K J 1/10W	
R7			RK73FB2A223J	CHIP R 22K J 1/10W	
R8			RK73FB2A153J	CHIP R 15K J 1/10W	
R9			RK73FB2A103J	CHIP R 10K J 1/10W	
R10, 11			RK73FB2A223J	CHIP R 22K J 1/10W	
R12			RK73FB2A470J	CHIP R 47 J 1/10W	
R13			RK73FB2A392J	CHIP R 3.9K J 1/10W	
R14			RK73EB2B241J	CHIP R 240 J 1/8W	
R15			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R16			RK73EB2B101J	CHIP R 100 J 1/8W	
R17			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R18			RK73EB2B101J	CHIP R 100 J 1/8W	
R19			RK73EB2B102J	CHIP R 1.0K J 1/8W	

Ref. No.	Added	New	Parts No.	Description	Destination
R20			RK73EB2B101J	CHIP R 100 J 1/8W	
R21, 22			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R23 -25			RK73FB2A473J	CHIP R 47K J 1/10W	
R26			RK73FB2A104J	CHIP R 100K J 1/10W	
R27			RK73FB2A471J	CHIP R 470 J 1/10W	
R28			RK73FB2A104J	CHIP R 100K J 1/10W	
R29			RK73FB2A471J	CHIP R 470 J 1/10W	
R30			RK73FB2A104J	CHIP R 100K J 1/10W	
R31 -33			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R44			RK73FB2A101J	CHIP R 100 J 1/10W	
R49			RK73FB2A473J	CHIP R 47K J 1/10W	
R52			RK73FB2A473J	CHIP R 47K J 1/10W	
R53			RK73FB2A223J	CHIP R 22K J 1/10W	
R54			RK73FB2A104J	CHIP R 100K J 1/10W	
R55			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R56			RK73FB2A101J	CHIP R 100 J 1/10W	
R60			RK73FB2A471J	CHIP R 470 J 1/10W	
R72			RK73FB2A104J	CHIP R 100K J 1/10W	
R73			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R100			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R101-104			RK73EB2B223J	CHIP R 22K J 1/8W	
R105			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R107, 108			RK73FB2A683J	CHIP R 68K J 1/10W	
R109			RK73FB2A333J	CHIP R 33K J 1/10W	
R110			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R111			RK73FB2A561J	CHIP R 560 J 1/10W	
R112			RK73FB2A473J	CHIP R 47K J 1/10W	
R113, 114			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R115			RK73FB2A223J	CHIP R 22K J 1/10W	
R116			RK73FB2A103J	CHIP R 10K J 1/10W	
R117			RK73FB2A104J	CHIP R 100K J 1/10W	
R118, 119			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R120-127			RK73FB2A223J	CHIP R 22K J 1/10W	
R128			RK73FB2A473J	CHIP R 47K J 1/10W	
R129			RK73FB2A103J	CHIP R 10K J 1/10W	
S1			S62-0857-05	SLIDE SWITCH	
BZ1			T95-0214-05	PIEZOELECTRIC VIBRATOR	
D1			HZS6A3L	ZENER DIODE	
D2			HZS7A1L	ZENER DIODE	
D3			AM01Z	DIODE	
D4			HZS9B3L	ZENER DIODE	
D5			HZS12B1L	ZENER DIODE	
D6			HZS9A2L	ZENER DIODE	
D7			DAP202K	DIODE	
D8, 9			AM01Z	DIODE	
D11			DAP202K	DIODE	
D12			DAN202K	DIODE	
D13 -23			DA204K	DIODE	
D24 -27			HZS7A3L	ZENER DIODE	
D28			DA204K	DIODE	
D29			DAP202K	DIODE	
IC1			UPD78015FGC542	MI-COM IC	
IC2			PST9130NR	ANALOGUE IC	

K1:USA

E1:Europe

M1:Other Areas

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PARTS LIST

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ELECTRIC UNIT (X25-8290-11)

CD PLAYER UNIT (X32-4280-00)

Ref. No.	Add New	Parts No.	Description	Destination
IC3		TC7W00F	MOS-IC	
IC4		TC74HC221AF	MOS-IC	
IC5,6		NJM4565M-TE2	ANALOGUE IC	
IC7		BA3834F	MOS-IC	
Q1		2SC2412K	TRANSISTOR	
Q2		2SA1870	TRANSISTOR	
Q3		2SC2412K	TRANSISTOR	
Q4		2SB1184	TRANSISTOR	
Q5		2SC2412K	TRANSISTOR	
Q6		2SB1184	TRANSISTOR	
Q7		2SC2412K	TRANSISTOR	
Q8		2SB1184	TRANSISTOR	
Q9		2SC2412K	TRANSISTOR	
Q10		2SA1037K	TRANSISTOR	
Q11		2SC2412K	TRANSISTOR	
Q12		DTA143EK	DIGITAL TRANSISTOR	
Q13		DTC144EK	DIGITAL TRANSISTOR	
Q14,15		DTC343TK	DIGITAL TRANSISTOR	
Q16		DTC144EK	DIGITAL TRANSISTOR	
Q17		FMC2A	TRANSISTOR	
Q18		DTC144EK	DIGITAL TRANSISTOR	
Q19,20		FMC2A	TRANSISTOR	
Q21		2SD2114K	TRANSISTOR	
Q22		DTC144EK	DIGITAL TRANSISTOR	
Q23		2SA1037K	TRANSISTOR	
Q24		DTC144EK	DIGITAL TRANSISTOR	
CD PLAYER UNIT (X32-4280-00)				
C1,2		CK73EB1C105K	CHIP C	1.0UF K
C3,4		C92-0509-05	CHIP-TAN	10UF 6.3WV
C5		CC73FCH1H220J	CHIP C	22PF J
C6		CC73FCH1H020C	CHIP C	2.0PF C
C7		CK73FB1C104K	CHIP C	0.10UF K
C8		CK73EB1C105K	CHIP C	1.0UF K
C9		CC73FCH1H101J	CHIP C	100PF J
C10,11		CK73FB1H682K	CHIP C	6800PF K
C12		CK73FB1H222K	CHIP C	2200PF K
C13		CK73FB1E273KTA	CHIP C	0.027UF K
C14		CK73FB1H472K	CHIP C	4700PF K
C15		CK73FB1E473KTA	CHIP C	0.047UF K
C16		CC73FCH1H101J	CHIP C	100PF J
C17		CK73FB1H222K	CHIP C	2200PF K
C18		CC73FCH1H391J	CHIP C	390PF J
C19,20		CK73FB1C104K	CHIP C	0.10UF K
C21		C92-0509-05	CHIP-TAN	10UF 6.3WV
C22		CK73FB1C104K	CHIP C	0.10UF K
C23		CK73FB1H102K	CHIP C	1000PF K
C24		CK73FB1H223KTA	CHIP C	0.022UF K
C25		CK73FB1H123K	CHIP C	0.012UF K
C26		CK73FB1C104K	CHIP C	0.10UF K
C27		CC73FCH1H101J	CHIP C	100PF J
C28		CK73EB1C105K	CHIP C	1.0UF K
C31		CK73EB1C105K	CHIP C	1.0UF K
C41		C92-1335-05	ELECTRO	4.7UF 16WV
C42		CK73FB1C104K	CHIP C	0.10UF K

Ref. No.	Add New	Parts No.	Description	Destination
C43		CK73FB1H123K	CHIP C	0.012UF K
C44		CK73FB1C104K	CHIP C	0.10UF K
C45		CK73FB1H223KTA	CHIP C	0.022UF K
C51		CK73EB1C105K	CHIP C	1.0UF K
C53		C92-0509-05	CHIP-TAN	10UF 6.3WV
C54		CK73FB1C104K	CHIP C	0.10UF K
C55,56		CK73EB1C105K	CHIP C	1.0UF K
C57,58		CK73FB1C224K	CHIP C	0.22UF K
C61,62		CC73FCH1H471J	CHIP C	470PF J
C63,64		CC73FCH1H680J	CHIP C	68PF J
C65,66		CK73FB1H222K	CHIP C	2200PF K
C101		CC73FCH1H221J	CHIP C	220PF J
C102		CK73FB1C104K	CHIP C	0.10UF K
C201		CC73FCH1H471J	CHIP C	470PF J
C202,203		CK73FB1C104K	CHIP C	0.10UF K
CN1		E40-9536-05	FLAT CABLE CONNECTOR	
CN2		E40-9339-05	FLAT CABLE CONNECTOR	
L1		L40-1001-31	SMALL FIXED INDUCTOR(10UH)	
X1		L78-0620-05	RESONATOR	
X2		L78-0528-05	RESONATOR	
R1		RK73FB2A243J	CHIP R	24K J 1/10W
R2		RK73FB2A183J	CHIP R	18K J 1/10W
R3		RK73FB2A154J	CHIP R	150K J 1/10W
R4		RK73FB2A155J	CHIP R	1.5M J 1/10W
R5		RK73FB2A910J	CHIP R	91 J 1/10W
R6		RK73FB2A154J	CHIP R	150K J 1/10W
R7		RK73FB2A155J	CHIP R	1.5M J 1/10W
R8		RK73EB2B4R7J	CHIP R	4.7 J 1/8W
R9		RK73EB2B100J	CHIP R	10 J 1/8W
R10,11		RK73FB2A912J	CHIP R	9.1K J 1/10W
R12		RK73FB2A562J	CHIP R	5.6K J 1/10W
R13		RK73FB2A683J	CHIP R	68K J 1/10W
R14,15		RK73FB2A824J	CHIP R	820K J 1/10W
R16		RK73FB2A223J	CHIP R	22K J 1/10W
R17		RK73FB2A393J	CHIP R	39K J 1/10W
R18		RK73FB2A392J	CHIP R	3.9K J 1/10W
R19		RK73FB2A333J	CHIP R	33K J 1/10W
R20		RK73FB2A104J	CHIP R	100K J 1/10W
R21		RK73FB2A224J	CHIP R	220K J 1/10W
R31		RK73FB2A102J	CHIP R	1.0K J 1/10W
R32		RK73FB2A104J	CHIP R	100K J 1/10W
R33		RK73FB2A155J	CHIP R	1.5M J 1/10W
R34		RK73FB2A333J	CHIP R	33K J 1/10W
R35		RK73FB2A104J	CHIP R	100K J 1/10W
R36		RK73FB2A111J	CHIP R	110 J 1/10W
R37		RK73FB2A471J	CHIP R	470 J 1/10W
R38		RK73FB2A224J	CHIP R	220K J 1/10W
R39		RK73FB2A102J	CHIP R	1.0K J 1/10W
R41		RK73FB2A101J	CHIP R	100 J 1/10W
R42		RK73FB2A104J	CHIP R	100K J 1/10W
R43		RK73FB2A101J	CHIP R	100 J 1/10W
R44		RK73FB2A102J	CHIP R	1.0K J 1/10W
R45		RK73FB2A103J	CHIP R	10K J 1/10W
R46		RK73FB2A102J	CHIP R	1.0K J 1/10W

K1:USA

E1:Europe

M1:Other Areas

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PARTS LIST

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CD PLAYER UNIT (X32-4280-00)

DAUGHTER UNIT (X89-2280-02)

MECHANISM ASSY (X92-3120-01)

Ref. No.	Add New	Parts No.	Description	Destination
R47		RK73FB2A103J	CHIP R 10K J 1/10W	
R48 -50		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R51		RK73FB2A101J	CHIP R 100 J 1/10W	
R52		RK73FB2A104J	CHIP R 100K J 1/10W	
R53		RK73FB2A101J	CHIP R 100 J 1/10W	
R54		RK73FB2A104J	CHIP R 100K J 1/10W	
R55		RK73FB2A101J	CHIP R 100 J 1/10W	
R56		RK73FB2A104J	CHIP R 100K J 1/10W	
R57		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R58 -61		RK73FB2A101J	CHIP R 100 J 1/10W	
R63 ,64		RK73FB2A101J	CHIP R 100 J 1/10W	
R65 ,66		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R67		RK73FB2A101J	CHIP R 100 J 1/10W	
R68		RK73FB2A104J	CHIP R 100K J 1/10W	
R69		RK73FB2A101J	CHIP R 100 J 1/10W	
R71		RK73FB2A752J	CHIP R 7.5K J 1/10W	
R72		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R73		RK73FB2A333J	CHIP R 33K J 1/10W	
R74		RK73FB2A822J	CHIP R 8.2K J 1/10W	
R75		RK73FB2A273J	CHIP R 27K J 1/10W	
R76		RK73FB2A512J	CHIP R 5.1K J 1/10W	
R77		RK73FB2A393J	CHIP R 39K J 1/10W	
R78		RK73FB2A153J	CHIP R 15K J 1/10W	
R79		RK73FB2A202J	CHIP R 2.0K J 1/10W	
R80		RK73FB2A162J	CHIP R 1.6K J 1/10W	
R81		RK73FB2A273J	CHIP R 27K J 1/10W	
R82		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R83		RK73FB2A561J	CHIP R 560 J 1/10W	
R91 ,92		RK73FB2A332J	CHIP R 3.3K J 1/10W	
R93 ,94		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R95 ,96		RK73FB2A203J	CHIP R 20K J 1/10W	
R101-106		RK73FB2A203J	CHIP R 20K J 1/10W	
R107,108		RK73FB2A681J	CHIP R 680 J 1/10W	
R201,202		RK73FB2A392J	CHIP R 3.9K J 1/10W	
R203,204		RK73FB2A204J	CHIP R 200K J 1/10W	
R205		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R301		RK73FB2A105J	CHIP R 1.0M J 1/10W	
R302		RK73FB2A225J	CHIP R 2.2M J 1/10W	
R303		RK73FB2A472J	CHIP R 4.7K J 1/10W	
W1		R92-2052-05	CHIP R 0 J 1/10W	
S1 ,2		S68-0822-05	PUSH SWITCH	
S3		S68-0823-05	PUSH SWITCH	
D1 ,2		DAN202K	DIODE	
D11		DAN202K	DIODE	
IC1		AN8806SB	ANALOGUE IC	
IC2	*	MN662747RPH	MOS-IC	
IC3		M37471M8-708FP	MI-COM IC	
IC4		BA6790FP	ANALOGUE IC	
IC5		TA78L05F	IC(VOLTAGE REGULATOR/ +5V)	
IC6		NJM4565MD	IC(OP AMP X2)	
Q1		2SA1362(Y)	TRANSISTOR	
Q2		DTC124EK	DIGITAL TRANSISTOR	
Q3 ,4		2SA1362(Y)	TRANSISTOR	
Q5		DTC124EK	DIGITAL TRANSISTOR	

Ref. No.	Add New	Parts No.	Description	Destination
Q6		2SA1037K	TRANSISTOR	
Q12		DTC124EK	DIGITAL TRANSISTOR	
Q21		2SA1576A	TRANSISTOR	
DAUGHTER UNIT (X89-2280-02)				
CN1		E40-9596-05	SOCKET FOR PIN ASSY	
J1	*	E58-0865-05	RECTANGULAR RECEPTACLE	
R1		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R2		RK73EB2B241J	CHIP R 240 J 1/8W	
R3		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R5 -8		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R9		RK73EB2B471J	CHIP R 470 J 1/8W	
R10		RK73EB2B102J	CHIP R 1.0K J 1/8W	
S1		S70-0841-05	TACT SWITCH	
MECHANISM ASSY (X92-3120-01)				
1	2A	A10-4224-41	CHASSIS	
2	1B	A10-4225-33	CHASSIS CALKING ASSY	
3	2B	A11-0915-23	SUB CHASSIS CALKING ASSY	
5	2A	D10-3082-13	ARM	
6	2A	D10-3083-44	ARM ASSY	
7	2A	D10-3084-44	ARM ASSY	
8	3A	D10-3087-44	ARM ASSY	
9	3B	D10-3092-03	SLIDER	
10	3B	D10-3093-04	SLIDER ASSY	
11	2B	D10-3095-04	SLIDER ASSY	
12	2B	D10-3096-04	SLIDER ASSY	
13	1A	D10-3099-24	SLIDER ASSY	
14	1A	D10-3100-04	SLIDER ASSY	
16	1B	D10-4004-04	LEVER ASSY	
17	1B	D10-4006-04	LEVER	
18	1A	D10-4007-04	LEVER	
19	2B	D10-4008-04	LEVER	
20	2A	D10-4009-23	ARM	
21	3A	D10-4010-04	LEVER	
22	3A	D10-4011-34	LEVER ASSY	
23	3A	D10-4013-14	ARM ASSY	
24	3B	D10-4050-04	ARM	
25	2A	D10-4038-23	ARM ASSY	
26	2A	D10-4123-14	LEVER ASSY	
27	3A	D13-1340-13	RACK (GEAR)	
29	3B	D13-1231-04	GEAR	
30	3A	D13-1240-04	GEAR	
31	3B	D13-1233-04	GEAR	
32	3B	D13-1234-14	GEAR ASSY	
33	3A	D13-1238-03	GEAR	
34	3B	D13-1232-04	GEAR	
35	3B	D13-1241-04	GEAR	
36	3A	D13-1242-04	GEAR	
37	1B	D13-1243-04	GEAR	
38	1B	D13-1244-04	GEAR	
39	1B	D13-1245-14	GEAR	
40	2A	D13-1246-04	GEAR	
41	2B	D13-1247-04	GEAR	

K1:USA

E1:Europe

M1:Other Areas

⚠ indicates safety critical components.

PARTS LIST

* New Parts

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

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

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

MECHANISM ASSY (X92-3120-01)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on	Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
43	2B		D13-1249-04	GEAR ASSY							
44	2B		D13-1341-04	GEAR ASSY							
45	1B		D14-0668-04	ROLLER							
46	2A		D14-0670-04	ROLLER							
47	3B		D14-0674-04	ROLLER							
49	3A		D21-2228-04	SHAFT							
50	1A		D21-2229-04	SHAFT							
51	1A		D23-0925-24	RETAINER							
52	2A		D32-0614-04	STOPPER							
53	1B		D39-0223-05	DAMPER(YELLOW)							
54	2B		D39-0224-05	DAMPER(BLACK)							
55	3B		F09-1246-04	SHEET							
58	3B		F09-1266-14	SHEET							
60	2A		G01-2770-04	EXTENSION SPRING							
61	3A		G01-2771-04	EXTENSION SPRING							
62	3A		G01-2772-24	EXTENSION SPRING							
63	3A		G01-2773-14	EXTENSION SPRING							
64	3A		G01-2774-34	EXTENSION SPRING							
65	1B		G01-2775-04	TORSION COIL SPRING							
66	1B		G01-2776-14	TORSION COIL SPRING							
67	3B		G01-2777-24	TORSION COIL SPRING							
69	2A		G01-2844-04	EXTENSION SPRING							
70	2A		G02-1231-04	FLAT SPRING							
71	2B		G02-1232-14	FLAT SPRING							
72	2A		G02-1241-24	FLAT SPRING							
73	2A		G02-1248-14	FLAT SPRING							
74	3A		G02-1250-04	FLAT SPRING							
75	2A		J11-0613-13	CLAMPER							
76	3A		J19-4678-13	HOLDER							
77	2B		J19-4679-24	HOLDER							
78	3B		J21-7684-13	MOUNTING HARDWARE							
79	2B		J21-7686-13	MOUNTING HARDWARE							
80	1B		J21-7690-03	MOUNTING HARDWARE							
81	3A		J31-1032-04	COLLAR							
82	3A		J84-0060-15	FLEXIBLE PRINTED WIRING BOARD							
83	1A		J90-0757-22	GUIDE							
A	2A		N09-4249-05	MACHINE SCREW (M1.7X2.5,LOCK)							
B	1B		N09-4172-05	TAPPING SCREW (2X3.5,C)							
C	2B		N09-4202-05	STEPPED SCREW							
D	2A		N38-2020-46	PAN HEAD MACHIN SCREW							
E	3A		N09-4294-05	TAPTITE SCREW (BIND P TAPTIT)							
F	3B		N19-2023-04	FLAT WASHER							
G	2A		N19-2058-04	FLAT WASHER							
H	3A		N19-2093-04	FLAT WASHER							
M1	3B		T42-0764-04	MOTOR ASSY							
M2	3B		T42-0763-04	MOTOR ASSY							
PU1	2B		T25-0209-05	OPTICAL PICKUP HEAD							

K1:USA

E1:Europe

M1:Other Areas

△ indicates safety critical components.

PARTS LIST

MARKING OF CHIP TRANSISTORS (SMT)
(DTAxxxxK, DTCxxxxK, 2SxxxxK)

SMT (PNP)			
形名/Parts No.	標印/Mark	形名/Parts No.	標印/Mark
DTA144EK	<u>16</u>	DTA114YK	<u>54</u>
DTA124EK	<u>15</u>	DTA143TK	<u>93</u>
DTA114TK	<u>94</u>	DTA114EK	<u>14</u>
DTA144WK	<u>76</u>	DTA143EK	<u>13</u>
DTA143XK	<u>33</u>	DTA124XK	<u>35</u>
DTA124TK	<u>95</u>	DTA144TK	<u>96</u>
DTA123EK	<u>12</u>	DTA123JK	<u>E32</u>
DTA143ZK	<u>E13</u>	DTA113JK	<u>E11</u>
DTA123YK	<u>52</u>	DTA114WK	<u>74</u>
DTA115EK	<u>19</u>	DTA115TK	<u>99</u>
DTA125TK	<u>9A</u>	DTA114GK	<u>K14</u>
DTA115GK	<u>K19</u>	DTA124GK	<u>K15</u>
DTA144GK	<u>K12</u>		

SMT (NPN)			
形名/Parts No.	標印/Mark	形名/Parts No.	標印/Mark
DTC144EK	<u>26</u>	DTC114YK	<u>64</u>
DTC124EK	<u>25</u>	DTC143TK	<u>03</u>
DTC114TK	<u>04</u>	DTC114EK	<u>24</u>
DTC144WK	<u>86</u>	DTC143EK	<u>23</u>
DTC143XK	<u>43</u>	DTC124XK	<u>45</u>
DTC124TK	<u>05</u>	DTC144TK	<u>06</u>
DTC123EK	<u>22</u>	DTC123JK	<u>E42</u>
DTC143ZK	<u>E23</u>	DTC113ZK	<u>E21</u>
DTC123YK	<u>62</u>	DTC114WK	<u>84</u>
DTC115EK	<u>29</u>	DTC115TK	<u>09</u>
DTC125TK	<u>0A</u>	DTC114GK	<u>K24</u>
DTC115GK	<u>K29</u>	DTC124GK	<u>K25</u>
DTC144GK	<u>K22</u>		

SMT			
形名/Parts No.	略記号 / Mark	形名/Parts No.	略記号 / Mark
2SA1036K	<u>H</u>	2SA1037K	<u>F</u>
2SA1037KLN	<u>D</u>	2SA1455K	<u>G</u>
2SA1514K	<u>M</u>	2SB852K	<u>U</u>
2SC2059K	<u>J</u>	2SC2411K	<u>C</u>
2SC2412K	<u>B</u>	2SC2412KLN	<u>L</u>
2SC2413K	<u>A</u>	2SC3082K	<u>S</u>
2SC3722K	<u>I</u>	2SC3802K	<u>AL</u>
2SC3837K	<u>AC</u>	2SC3838K	<u>AD</u>
2SC3839K	<u>AE</u>	2SC3906K	<u>T</u>
2SD1383K	<u>W</u>	2SD1484K	<u>Y</u>
2SD1757K	<u>AA</u>	2SD1781K	<u>AF</u>
2SD1782K	<u>AJ</u>		

MPT			
形名/Parts No.	略記号 / Mark	形名/Parts No.	略記号 / Mark
2SB1132	BA	2SB1188	BC
2SB1189	BD	2SD1664	DA
2SD1766	DB	2SD1767	DC
2SD1384	DE		

SPECIFICATIONS

CD section

Laser Diode	GaAlAs ($\lambda = 780\text{nm}$)
Digital Filter (D/A)	8 time over sampling
D/A Converter	1 Bit
Spindle Speed	500~200 (CLV)
Wow & Flutter	Below mesurable limit
Frequency Response	5~20kHz ($\pm 1\text{dB}$)
Total Harmonic Distortion	0.01% (1kHz)
S/N Ratio	94dB
Dynamic Range	94dB
Channel Separation	85dB

General

Operating voltage	14.4V (11~16V allowable)
Current Consumption	0.6A
Installation size (W x H x D)	180 x 50 x 145 (mm) 7-1/16 x 1-15/16 x 5-3/4 (inch)
Weigth	2.9IBs (1.3kg)

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

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