6725

DM

LED

KBD

PNB

PNA 2/2

PC

PB

PITCH BEND

MW

MODULATION

HP 2/2

BREATH CONTROLLER

KEC-91207-66

PNA 1/2

MASTER VOLUME

(PVB1)

YA3

HP 1/2

HEADPHONES

Note: L : FL Coil 20μH KEC-91207-66

AD

Japanese, U.S.American, Canadian Model YG-4035-004

	Japanese	U.S.American	Canadian
F1	1.5A 250V	3.0A 250V	3.0A 250V
R2	1/8 3W	1/8 3W	SHORT
R3	1/8 3W	1/8 3W	16.8Ω 2W 250V
C1	0.1~ 125V	0.22~ 125V	0.1~ 125V
L2	10mH	20mH	10mH
T1	TYA024	TYA026	TYA023

AD

European, W.German, Australian Model YG-4035-005

	European	W.German
C1,C6	0.1~ 250V	0.47~ 250V
L1	20mH	40mH
L2	10mH	20mH
L3	T1.25A 250V	T1.25A 250V

AC Japanese U.S.American

AC Canadian

AC W.German Australian

AC European

DM Circuit Board

Notes)

Circuit Boards: X82400

IC1, 4, 27:	TC40H138P (GG119003 DEC DEMP
2:	TC5213B-2 (GG119002 SYSTEM RESET
3:	RUMMB8921 (GX823001 HP AMP.
5*:	TC40H174P (GG4100) DFF
6*, 18:	HD7405 (GJ109599) INV
7:	HD74LS14P (GG08500) INV
8:	TC74HC32N (IRG02302) OR
9:	TC40H174P (GG4100) DFF
10, 11:	TC40H244P (IGG80120) INV
12:	MC74HC245N (IRG24572) TRAN
13, 19:	HD74LS245AP (IG19202) DRIVER
14:	MB8909-1 (IG101601) ADC
15:	TMP47C1637N-3D81 (IGX8001) CPU
16:	HD63B03YF (XA444001) MPU
17:	HD74LS244P (IGG80000) DRIVER
20, 33, 40:	TC4013BP (IGG81100) INV
21*:	TMS4256B-12 (IRG40001) PSRAM
22:	ST3V100 (XG314001) EPROM
24*:	WS1770H-02 (IRG23001) FDC
26, 28:	TC74HC4066AP (IRG04001) BILAT
29:	TC74HC138P (IRG18001) DECO-E
30:	TC40H002P (IGG52802) OR
31:	SN74HC13N (IRG01002) NAND
32:	TC40S69P (IGG01270) ANALOG SW
34:	TC74HC4051AP (IRG05001)
35:	YM3804 (XA450001) GPIO
36, 39:	TC40H139P (IGG78500) DECODER
37:	SN74HC08N (IRG00804) AND
YA3:	PCM54HP (XA560001) DAC
	HY81HD (XD622020)
PC1:	TLP562
T1*:	2SA933O, R
2:	2SC1740S R, S
D1 ~ 4:	1SS133
RM1 ~ 4:	Resistor Array 10K (J)X8
5*:	Resistor Array 1K (J)X8
L1, 2, 4 ~ 7, 11:	FL Coil
EM11 ~ 3:	0.022μ
CR1:	Quartz Crystal Unit 8.4336MHz
CL1:	Ceramic Resonator 8MHz
B1:	Lithium Battery CR2032 FS-2
*: DX7II-FD Only	

AD Circuit Board

Notes)

Marker: Japanese (J), U.S.A. R.U., Canadian (C)

IC1:	uPC1093J
PC1:	PC-817
Q1:	2SC1570, 2SC2929
2:	2SC2855
D1:	Diode Bridge S1WB40
2:	ERB44-05
3 ~ 5:	1SS84
6, 7:	ERB44-02
8:	SK033
R1, 8, 12, 23 ~ 25:	1/8W
20 ~ 22:	1/2W
R2, 3 (J, U):	1.5Ω 3W
(C):	2.2Ω 2W
6:	33Ω 2W
9:	1Ω 3W
10, 11:	240Ω 3W
13:	560Ω 1W
R3 (C):	6.8Ω 3W
R14:	680Ω 1/4W
15, 19:	560Ω 1/2W
16:	150Ω 1/4W
C1 (J, C):	0.1μ 125V
1 (U):	0.22μ 125V
C7, 8:	2200P 250V
13:	0.01μ 250V
14:	1000P 1000V
C15 ~ 18:	0.047μ 50V
C11, 12:	100μ 200V
22, 24:	220μ 10V
25:	1μ 50V
L 1 (N, A), 2 (D):	20mH
2 (H, A):	40mH
3 (H, A):	10mH
3 ~ 5:	47μH
F1:	1.25A 250V

●IC23

	J1	J2	J3	J4
EP ROM	○	×	×	○
MASK ROM	×	○	○	×

KEC-91204-5X ⚠

YG-4035-004

YG-4035-005