DM

LED

KBD

PNB

PNA 2/2

PC

PB

PITCH BEND

MW

MODULATION

HP 2/2

BREATH CONTROLLER

MPU

CPU

LCD

FDD

PNA I/2

MASTER VOLUME (PVR1)

HP I/2

HEADPHONES

AD

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

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

AC Japanese U.S.American

AC Canadian

AC W.German Australian

AC European

SYSTEM RESET

Digital to Analog Converter

Analog to Digital Converter

Bilateral Switch

KEC-91204-6X ⚠
YG-4035-004
YG-4035-005

OM Circuit Board

Notes)

Circuit Boards: X82400

IC1, 4, 27: TC40H138P (IG1111906) DEC DEMP
2: FST6188-2 (IG1182206) SYSTEM RESET
3: NJM4558DJV (IG0013902) OP AMP
5*: TC40H174P (IG61120) DFF
6*, 18: HD74S08 (IG1005600) INV
7: TC74HC32P (IG0002600) OR
8: TC74HC32N (IF0002350) OR
9: HD74LS174P (IG0060000) DFF
10, 11: TC40H240P (IG0061100) INV
12, 19: MC74HC368N (IF0024200) TRAN
13: TC74HC367P (IG0061000) DRIVER
14: M58990P-1 (IG1181100) ADC
15: HD6800S1A32P (IG1083000) CPU
16: HD6433348P (IG0060001) MPU
17: HD74LS244P (IG0060001) DRIVER
20: TC40H004P (IG0010000) INV
21, 41: TC40H074P (IG0011100) DFF
22*: HM65256BLP-12 (IE0243001) PSRAM
23*: TC5565PL-15 (IX8013001) SRAM
24*: WDV172PHD2 (IX8023001) FDC
25, 26: TC5564PL-15 (IX8013001) SRAM BICKS
28: TC74HC138F (IF0013000) DECO-8
29: TC40H030P (IG0028000) OR
30: TC74HC30P (IG0002700) NAND
31: TC40H000P (IG0012700) ANALOG SW
32: YM3809 (IXA890011) EGM
34: YM3804 (IXA890011) OPS2
36, 39: TC40H139P (IG0078300) DECODER
37: TC40H157P (IG0078400) SELECT
YA3: PCM54HP (IXA890001) D-AC HYBRID (IX8622002)

PC1: TLP552

Tr1: 2SA823RG, R
2: 2SC1740S R, S

D1 ~ 4: 1SS133

RM1 ~ 4: Resistor Array 10K(JX)X8
5*: Resistor Array 1K(JX)X5

L1, 2, 4 ~ 7, 11: FL Coil

EM1 ~ 3: 0.022μ

CR1: Quartz Crystal Unit 8.4266MHz

CL1: Ceramic Resonator 8MHz

B1: Lithium Battery CR2032-PS-2

*: DX7II-FD Only

●IC23

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

AD Circuit Board

Notes)

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

IC1: μPC1093J

PC1: PC-817

Q1: 2SC3570, 2SC2929
2: 2SC2880

D1: Diode Bridge S1WB40
2: EP844-08
3 ~ 5: 1SS84
6, 7: EP84402
8: SK030

R1, 8, 12, 23 ~ 25: 1/4W
26 ~ 28: 1/2W
R2, 3 Ω, UI: 1.5Ω 3W
4: 120kΩ 2W
5: 33kΩ 2W
9: 1Ω 2W
10, 11: 240Ω 2W
13: 56Ω 1W
R3 (C): 6.8Ω 3W
R14: 560Ω 1/4W
15, 16: 56Ω 1/2W
18: 150Ω 1/4W
C1 (J, C): 0.1μ 125V
1 (U): 0.22μ 125V
C7, 8: 2200P 250V
9, 10: 2200P 250V
14: 1000P 1000V
C15 ~ 18: 0.047μ 50V
C11: 100μ 200V
12 ~ 22: 220μ 25V
23, 24: 220μ 10V
26: 1μ 50V
1, 2 (J, C): 10mH
2 (U): 20mH
3 ~ 5: 47μH
F1 (J): 1.6A 250V
1 (U, C): 2.5A 250V

Notes)

Market: North European (H), West German (D), Australian (A)

IC1: μPC1093J

PC1: PC-611

Q1: 2SC3531
2: 2SC2655
3: 2SC1815

D1: Diode Bridge S1WB60
2: EP844-08
3 ~ 5: 1SS84
6, 7: EP844-02
8: SK030

R1, 8, 12, 16, 17, 23 ~ 25: 1/4W
26 ~ 28: 1/2W
R2, 3: 4.3Ω 5W
R4, 5: 120kΩ 2W
6, 7: 68kΩ 2W
9: 1Ω 2W
10, 11: 240Ω 2W
13: 82Ω 1W
R14: 510Ω 1/4W
15, 19: 56Ω 1/4W
18: 200Ω 1/4W
C1, 6 (H, A): 0.1μ 125V
1, 6 (D): 0.47μ 250V
C2, 3, 7, 8: 1000P 250V
4, 5, 9, 10: 2200P 250V
13: 0.01μ 250V
14: 100P 1000V
C15 ~ 18: 0.047μ 50V
C11, 12: 100μ 200V
19 ~ 22: 220μ 25V
23, 24: 220μ 10V
26: 1μ 50V
L 1 (H, A), 2 (D): 20mH
1 (D): 40mH
2 (H, A): 10mH
3 ~ 5: 47μH
F1: 1.25A 250V