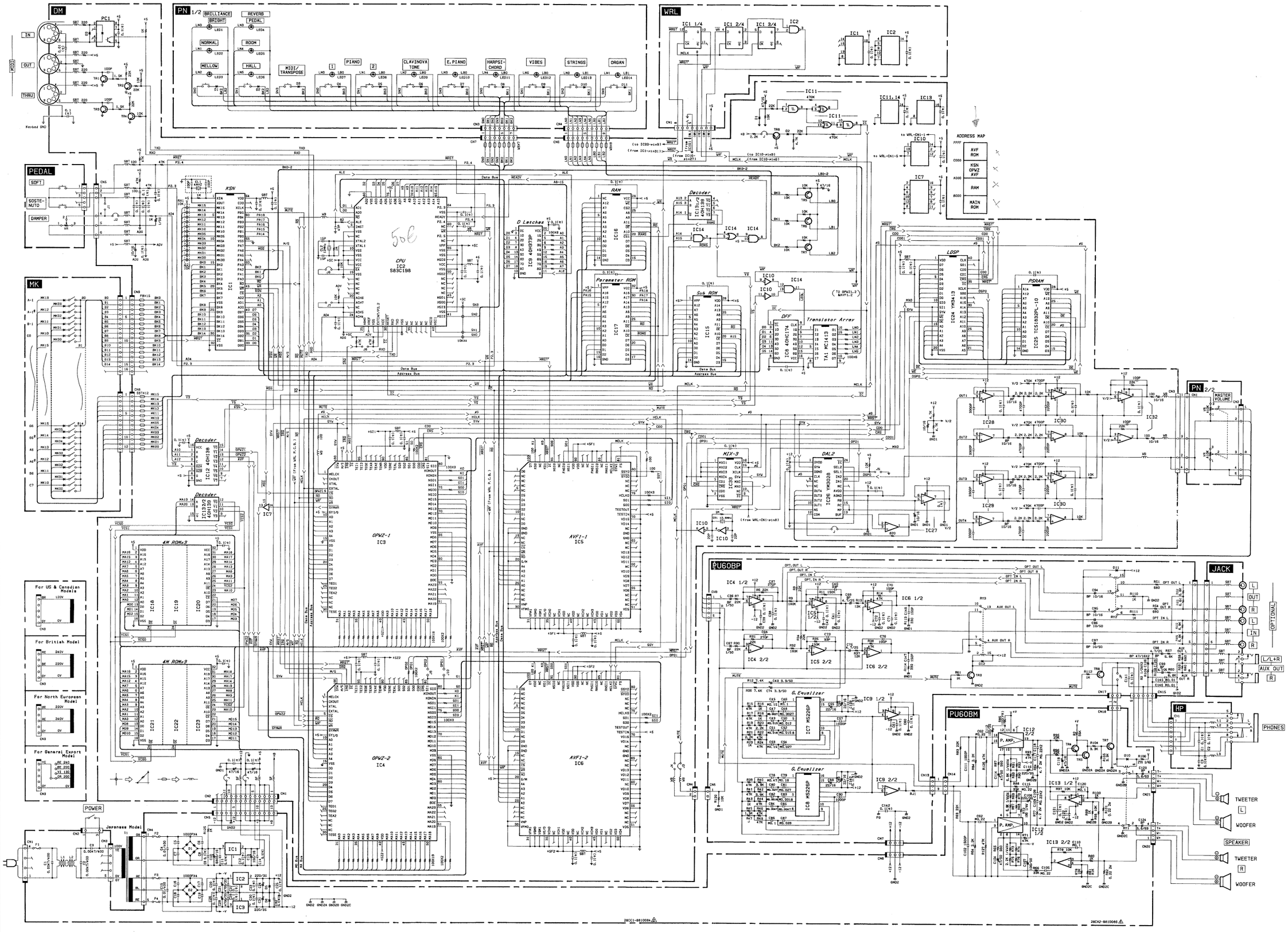
■CLP-560 OVERALL CIRCUIT DIAGRAM(CLP-560総回路図)

1430



Notes)
Circuit Board : DM (VJ730400) XH992A0
1. IC
IC 1: YM6633 (XH543A00) KSN
IC 2: SB3C198-R0012 (X071A00) CPU
IC 3,4: YM7132 (XH235A00) OPW2
IC 5,6: YSF206 (X065A00) AVF-1
IC 7: TC40H367P (IG107300) BUFFER
IC 8: TC40H174P (IG064100) D FF
IC 9: TC40H373P(N) (IG078500) LATCH
IC10: TC40H004P (IG051000) INVERTER
IC11: SN74HC132N (IR013250) NAND
IC12: TC40H138P (IG111900) DEMULTIPLEXER
IC13: TC40H139P (IG078300) DECODER
IC14: TC40H000P (IG080700) QUAD NAND
IC15: (X092B00) SUB ROM
IC16: LH51640-10L (X087E A00) SRAM 64K
IC17: (X465A00) PARAMETER 4M
IC18: HN62314BPD51 (X045A500) ROM-1 4M
IC19: HN62314BPD52 (X045A400) ROM-2 4M
IC20: HN62314BPD53 (X045A300) ROM-3 4M
IC21: HN62314BPD54 (X045A200) ROM-4 4M
IC22: HN62314BPD55 (X045A100) ROM-5 4M
IC23: HN62314BPD56 (X040A00) ROM-6 4M
IC24: YM3413 (XE449A00) LDSP
IC25: TC51832PL-10 (XC623A00) PSRAM 256K
IC26: YM3028 (XE789A00) DAL2
IC27-28: NJM4556DD (U004D00) OP AMP.
IC30-32: μPC4570HA (XB247001) OP AMP.
IC33: MIX3 (IG158C10) MIXER
2. Photo Coupler
PC 1: 6N137 (VD473200)
3. Transistor
TR 1-4: 2SC1740S R,S (IC174070)
TR 5-8: 2SA1015 O,Y (IA101570)
Transistor Array
TA 1: MC1413P (VH441500)
5. Diode
D 1-3: 1SS133 (IF003450)
6. Resistor Array
RA 1: RGL08X103J (VE445200) 10K×8
RA 2: RGL04X103J (VE443500) 10K×4
7. Semiconductive Cons. Cap.
marked 0.1(≒): 0.1μ 16V M (VH740700)
8. Coil
SN: SF-T3-20-01 (VJ529500) 10μ
SBT: RLS8200GNT (XR835000) 20μ or SBT-04601 (VD473700) 60μ
9. Ferrite Bead
FB: BL02RN1-R62T4 (GE300610)
WB: BL02RN2-R62T4 (GE300670)
10. Ceramic Resonator
CL 1: CST4.00MGW040 (VH653000) 4MHz
CL 2: 12M CSA12 OMT (EU007100) 12MHz
11. Quartz Crystal Unit
CR 1: 12.8M AT-49 (VH490600) 12.8MHz
12. DIN Socket
JK 1: JXT092-01 (VF647300)
13. Jumper Wire
J 2,3,6: Installed
J 1,4,5,7-10: not installed

IC15	J6
O	O
X	X

Notes)
Circuit Board : WRL (VX326000) X67C80
1. IC
IC 1: TC40H176P (IG096700) D FF
IC 2: TC40H000P (IG080700) QUAD NAND
2. Semiconductive Cons. Cap.
marked 0.1(≒): 0.1μ 16V M (VH740700)

Notes)
Circuit Board : PN (NX005170) XH996A0
1. Diode: 1SS133 (IF003450)
2. LED: SLZ-190B-03 RE (VD180000)
3. Slide Pot
MASTER VLUME: RS30112A900GB (VX369000) A10Kx2
4. Push Switch: KEC10901 (KA906530)

Notes)
Circuit Board HP (VF710500) XE77980
1. Semiconductive Cers. Cap.
C 1-3: 0.1μ 16V M (FZ006590)
2. Coil
L 1-3: FLSR2000N 20μ (VB971100)
3. Phone Jack YK821-5006 (LB101870) PHONES

Notes)
Circuit Board : PU60BM (VJ743500) XE76760 J,M,X
PU60BM (VJ743600) XE76760 U,C
PU60BM (VJ743700) XE76760 H,B,A
1. IC
IC 1: NJM7805FA (XC119001) +5V REGULATOR
IC 2: NJM78M12FA (XD341A00) +12V REGULATOR
IC 3: NJM79M12FA (XD345A00) -12V REGULATOR
IC12: STK4151V (XC038001) POWER AMP.
IC13: μPC4570HA (X9247001) OP AMP.
2. Transistor
TR 4,6,7: 2SC1815 GR (IC181530)
3. Diode
D 5,8,10: 11ES4 (VB481900)
4. Diode Stack
D 1,2: R04B42 3A 200V (IH001790)
5. Metal Oxide Film Resistor
R 77,94: 4.70.2W J (VC755500)
R 82,101: 0.220 2W J (VC751900)
6. Fuse Resistor
R 85: 100Ω 1/4 K (HV985100)
7. Electrolytic Cap.
C 10: 6800μ 16 0V (UJ739680)
C 21,28: 4700μ 35.0V (UJ759470)
8. Ceramic Cap.
C 1,4: 0.01μ 400V (FK384100) U.C.S V or 0.01μ 400V (FK494100) J U.C.S
C 2,3: 4700P 400V (FG383470) U.C.S V or 4700P 400V (FK483470) J U.C.S
9. Semiconductive Cers. Cap.
C 9,11,12,14, 20,22,23,25, 27,29,30,32, 121,122: 0.1μ 50V Z (VD287800)
10. Coil
L 1: SU10V-20010 (VD293400) 10mH
L 2: SU10V-020010 (VF796900) 10μ
11. Relay
RY 1: DC (H24D2-OTM) (KC001940) 24V or DC G5R-2232P (VC278600) 24V
12. Fuse
F 1: T 2.50A J 250V (K800040) J,M,X
T 2.50A UC 250V (K800268) U.C
F 2-4: T 1.25A S 250V (K800680) H,B,A
T 4.00A J 250V (K800380) J,M,X
T 4.00A UC 250V (K800240) U,C
T 4.00A S 250V (K800079) H,B,A

Notes)
Circuit Board : PU60BP (NX005180) XI05080
1. IC
IC 4,5,6: μPC4570HA (X9247001) OP AMP.
IC 8: MS218L (XB419001) 2CH OP AMP.
IC 7,8: MS226P (IG151400) G. EQUALIZER
2. Transistor
TR 3,8: 2SC1815 GR (IC181530)
3. Diode
D 11,12: 1SS133 (IF003450)
4. Semiconductive Cers. Cap.
C 38,39,41,42, 60,61,71,72, 139-142: 0.1μ 16V N (VH740700)
5. Relay
RY 2,3: DC RY12W 12V (KC001900)

Notes)
Circuit Board : JACK (NX005180) XI05080
1. Phone Jack
AUX-OUT: HLJ0521 MONO (LB202330)
AUX, OUT R,L/L+R
2. Pin Jack
L,R: YKC21-0188 (VI145300) OPTIONAL IN, OUT
3. Coil
L6,8-12: FLSR200GNT 20μ (VB835000) or SBT-04601 60μ (VD473700)