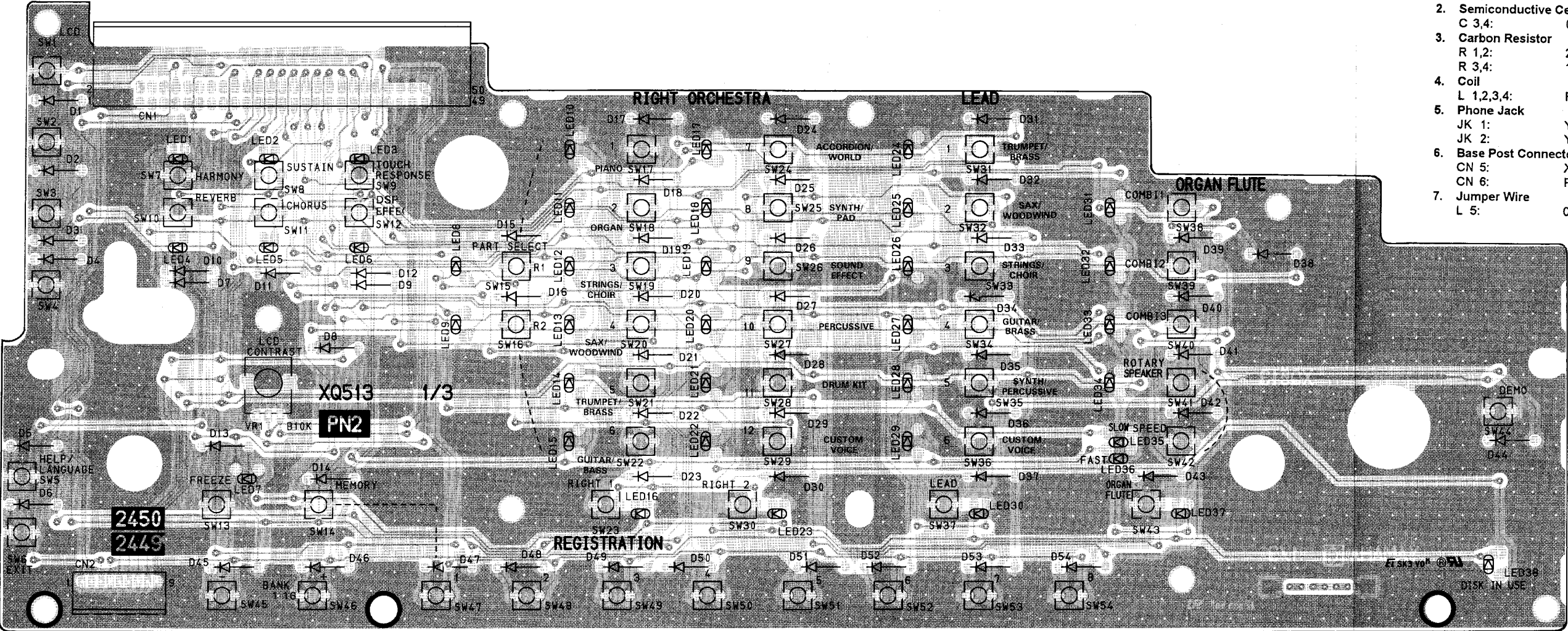
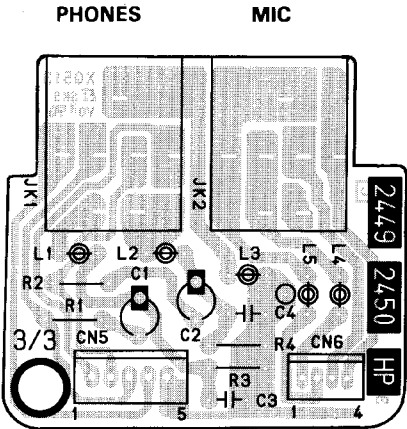


●PN2 Circuit Board



- Notes)
- Circuit Board: HP (VT343900) XQ513C0
1. Electrolytic Cap.
C 1,2: 22.00 16.0V (UJ837220)
 2. Semiconductive Cera. Cap.
C 3,4: 0.1000 25V Z (VC694800)
 3. Carbon Resistor
R 1,2: 270.0 1/4 J (HF755270)
R 3,4: 1.0K 1/4 J (HF756100)
 4. Coil
L 1,2,3,4: FL5R200QNT 20u (VB835000)
 5. Phone Jack
JK 1: YKB21-5006 (LB101870) PHONES
JK 2: YKB21-5006 (LB101870) MIC
 6. Base Post Connector
CN 5: XH- 5P TE (LB918050) to AM-CN8
CN 6: PH- 4P TE (VB390000) to VR-CN4
 7. Jumper Wire
L 5: 0.55 (VD041700)

●HP Circuit Board

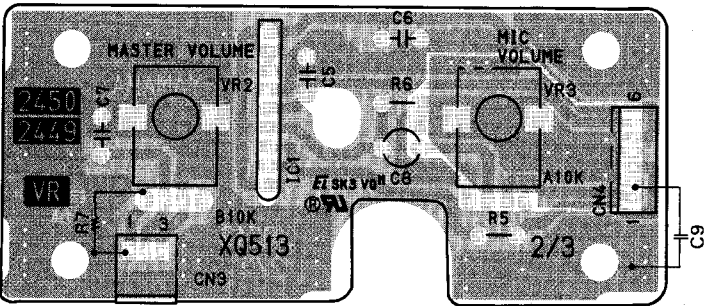


- Notes)
- Circuit Board: PN2 (VT343800) XQ513C0
1. Diode
D 01-54: 1SS133,1SS176 (VB941200)
 2. LED
LE 01: SLP-3117E51S-T1 (VT361600)
HARMONY
LE 02: SLP-3117E51S-T1 (VT361600)
SUSTAIN
LE 03: SLP-3117E51S-T1 (VT361600) TOUCH
RESPONSE
LE 04: SLP-3117E51S-T1 (VT361600)
REVERB
LE 05: SLP-3117E51S-T1 (VT361600)
CHORUS
LE 06: SLP-3117E51S-T1 (VT361600) DSP
EFFECT
LE 07: SLZ-474B-03-T1 Y (VT882000)
FREEZE
LE 08-15,17-22,24-
29,31-36,38: SLZ290B-03-T2 GR (VG778600)
LE 16: SLP-9117E-51-T1 (VT361500) RIGHT 1
LE 23: SLP-9117E-51-T1 (VT361500) RIGHT 2
LE 30: SLP-9117E-51-T1 (VT361500) LEAD
LE 37: SLP-9117E-51-T1 (VT361500) ORGAN
FLUTE
 3. Rotary Variable Resistor
VR 1: B10.0K RK09K1130 (VS368200) LCD
CONTRAST

4. Tact Switch
SW 01-54: SKHVBE091A (VQ320400)
5. Connector Header
CN 1: HIF3FC-50PA2.54D (VR62610) to DM-
CN9

- Notes)
- Circuit Board: VR (VT344000) XQ513C0
1. IC
IC 1: UPC4570HA (XB247A00) OP AMP
 2. Semiconductive Cera. Cap.
C 5-7: 0.1000 25V Z (VC694800)
C 9: 0.1000 25V Z (VH285700)
 3. Carbon Resistor
R 5: 10.0 1/4 J (HF754100)
R 7: 4.7K 1/4 J (HF756470)
 4. Rotary Variable Resistor
VR 2: B 10K RK11K1130 (VQ655700)
MASTER VOLUME
VR 3: A 10.0K RK11K11 (VQ031200) MIC
VOLUME
 5. Connector Base Post
CN 3: PH- 3P SE (VB858200) to AM-CN1
CN 4: PH- 6P TE (VB390200) to DM-CN2 &
HP-CN6
 6. Jumper Wire
C 8: 0.55 (VD041700)

●VR Circuit Board

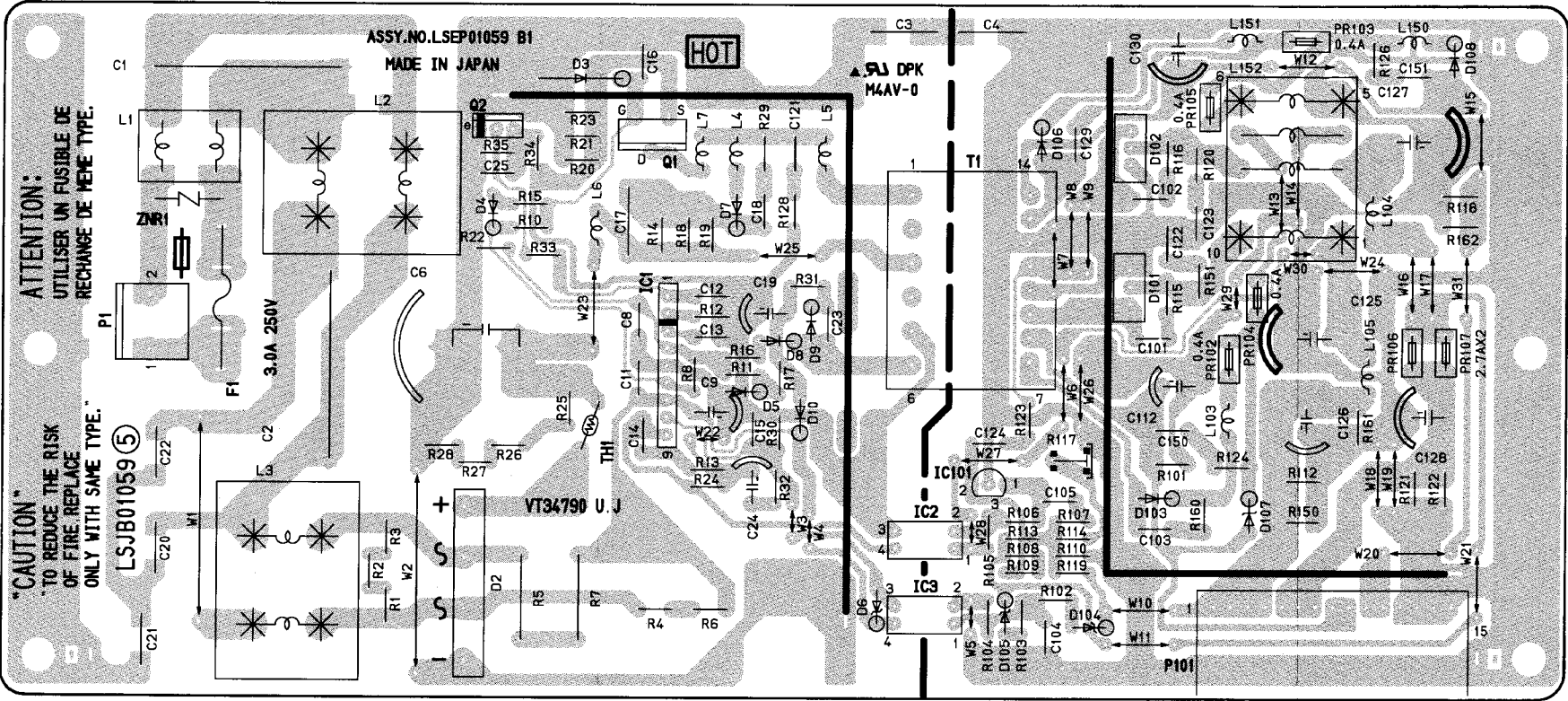


PN2 : 2NA-VT34290
VR : 2NA-VT34290
HP : 2NA-VT34290

Components side

Components side

●Power Supply Unit(U.S. model)



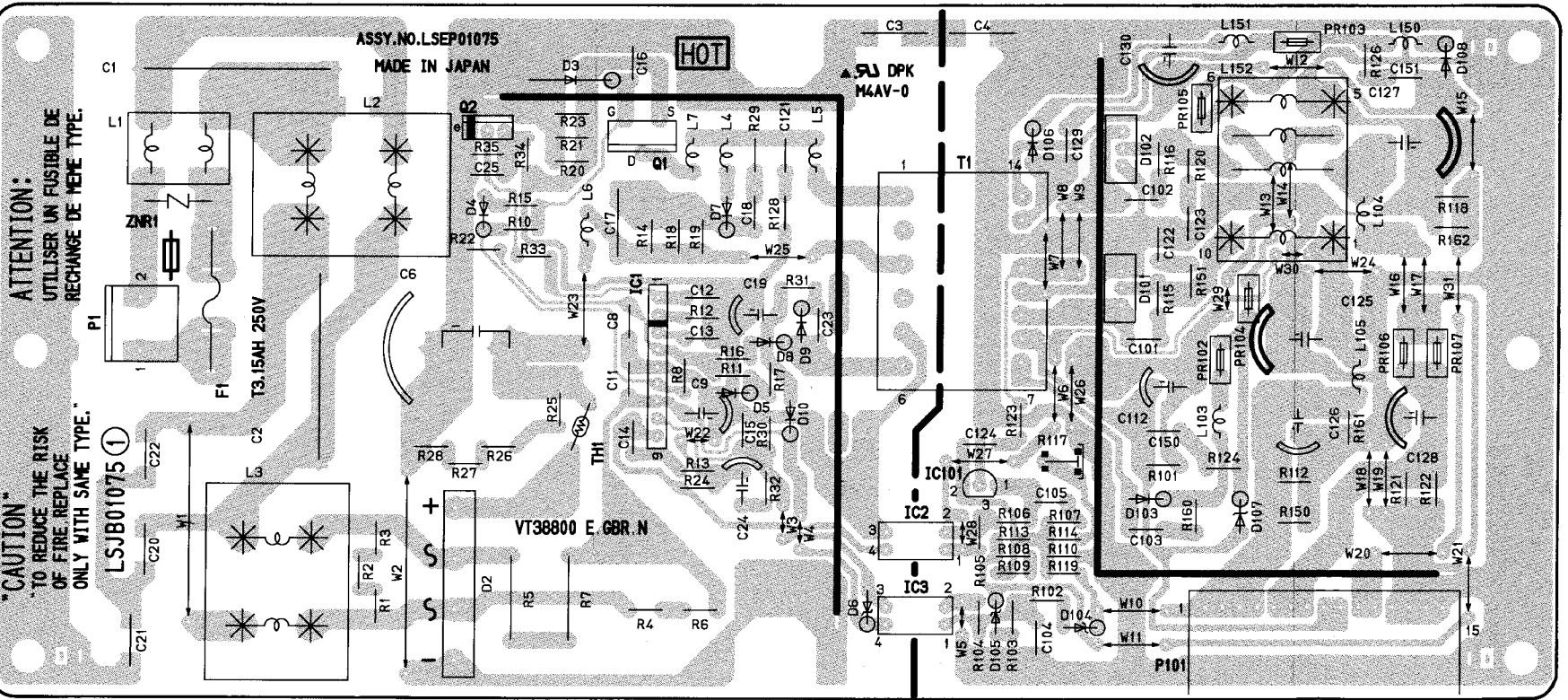
Components side

Notes)

Power Supply Unit: (VT388000) E,B,X
Power Supply Unit: (VT347900) U

1. IC
IC 1: AN8021L (IX808390)
IC 101: AN1431T (IX808410)
2. Transistor
Q1: FS10TM (IX808420)
Q2: 2SD1458 (IX808430)
3. Diode
D2: D3SBA60 (IX808250)
D3: MA2330A (IX808260)
D4,10: MA165 (IX808270)
D5: MA4051N (IX808280)
D6: MA4240 (IX808290)
D7: AP01C (IX808300)
D9: MA185 (IX808310)
D101: MA6D50 (IX808320)
D102: MA7D60 (IX808330)
D103,106-108: AG01 (IX808340)
D104: MA4200-LTA (IX808350)
D105: MA4062-LTA (IX808360)
4. Photo Coupler
IC 2,3: PS2561-1-V (IX808400)
5. Thermistor
TH 1: M8R210C (IX808440)
6. Transformer
T 1: LSTP0055 (GX804320)
7. Fuse
F 1: LSSF0018B30 (KX804570) U
LSSF0013B31 (KX804580) E,B,X
8. IC Protector
PR 102-105: UN10004 (IX808450)
PR 106,107: UN11027 (IX808460)

●Power Supply Unit(European & General Export models)



Components side