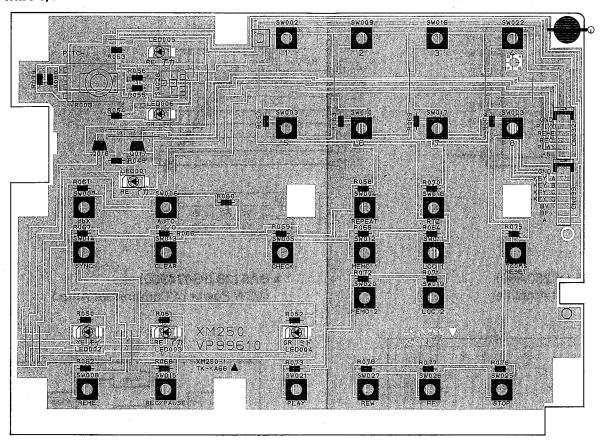
# ■ CIRCUIT BOARDS(シート基板図)

#### MIX Circuit Board

#### **MIX 1/7**



Components side (部品側)





Components side (部品側)

# MIX 5/7



Components side (部品側)

### MIX 6/7

Q010

文字面 1250-2



Components side (部品側)

**MIX 7/7** 

#### Notes)

CIRCUIT BOARD: CIRCUIT BOARD CIRCUIT BOARD CIRCUIT BOARD CIRCUIT BOARD CIRCUIT BOARD CIRCUIT BOARD CIRCUIT BOARD:

 CAP. C110, 111, 210, 211 310, 311, 410, 411: C112, 212, 312, 412: C116, 216, 316, 416: C119, 219, 319, 419:

MIX XM250D0 MIX 1/7 (NX812220) MIX 2/7 (NX812230) MIX 3/7 (NX812240) MIX 4/7 (NX812250) MIX 5/7 (NX812260) MIX 6/7 (NX812270) MIX 7/7 (NX812280)

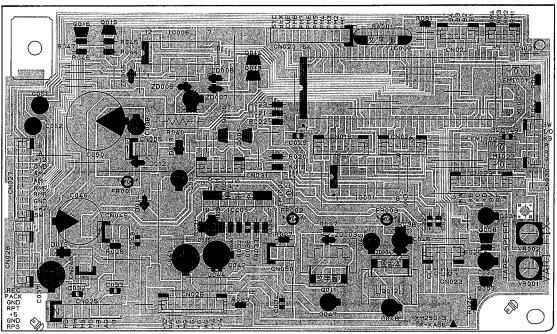
0.0220 50V J (UA654220) 1800P 50V J (UA653180) 0.0120 50V J (UA654120) 7500P 50V J (UA353750)

## 2. CERAMIC TUBULAR CAP.-SL C105, 205, 305, 405: 22P 50V J (VG276600) C115, 215, 315, 415: 10P 50V J (VF466600) C124, 224, 324, 424: 15P 50V J (VG276200)

CERAMIC TUBULAR CAP.-B C101, 201, 301, 401: C103, 104, 114, 117 220P 50V K (VG278400) 123, 203, 204, 214 217, 223, 303, 304 314, 317, 323, 403 100P 50V K (VF466800)

C118, 218, 318, 418:

MIX 3/7



#### Components side (部品側)

R26, 27, 106, 206

306, 406:

R29, 56:

4. CERAMIC TUBULAR CAP.-F C27~29, 36, 43, 44 49, 107, 207, 307 407:

C32~34:

ELECTROLYTIC CAP. C30: C31, 35: C37: C38, 102, 108, 109 121, 202, 208, 209 221, 302, 308, 309 402, 408, 409: C39, 47, 48: C40: C41, 42: C45, 46, 128, 228 328, 428: C106, 206, 306, 406: C113, 213, 313, 413: C120, 122, 125, 220

C126, 127: **ELECTROLYTIC CAP.-BF** C51, 52:

222, 225, 320, 321 322, 325, 420, 421 422, 425:

CARBON RESISTOR R19, 52, 54: R20, 31, 32, 49, 51 53: R21~23, 25, 79~81 102, 117, 120, 123 202, 217, 220, 302

0.022 25V Z (VG280100) 0.1 50V Z (VJ599100)

4.700 25.0V (VG288400) 1.00 50.0V (VG290500) 100.00 16.0V (VG287600)

10.00 25.0V (VG288500) 100.00 10.0V (VG286800) 3300 6.3V (VK179300) 100.00 25.0V (VG288900)

47.00 10.0V (VG286700) 4700 16.0V (VK180700) 7.00 16.0V (VG287500) 0.22 50.0V (UM415220)

10.00 25.0V (UM407100) 100.00 16.0V (UI538100)

1.00 50.0V (UK866100)

270.0 1/4 J (HF455270) 560.0 1/4 J (HF455560)

317, 320, 323, 402 417, 420: R24, 37, 38, 105 10.0K 1/4 J (HF457100) 205, 305, 405: 1.0K 1/4 J (HF456100)

22.0K 1/4 J (HF457220) 3.3K 1/4 J (HF456330) R30, 55: R33, 34: R39, 104, 107, 122 124, 126, 204, 207 224, 226, 304, 307 322, 324, 326, 404 407, 424, 426: R41, 57, 63, 69, 74: R42, 58, 64, 70, 75: R44, 46: R45, 47: R50, 101, 201, 301 401: R59, 65, 71, 76, 116 216, 316, 416: R60, 66, 72, 77, 128 129, 228, 229, 328 329, 428, 429; R61, 67, 73, 78; R62, 68; R103, 121, 203, 221 R108, 208, 308, 408: R109, 209, 309, 409: R110, 113, 210, 213 310, 313, 410, 413: R111, 211, 311, 411: R112, 212, 312, 412:

R114, 214, 314, 414:

R115, 215, 315, 415:

R118, 119, 218, 219 318, 319, 418, 419:

R125, 225, 325, 425: R127, 130~136, 227

230~236, 327, 330

331~336, 427, 430

431~436:

100.0K 1/4 J (HF458100) 1.6K 1/4 J (HF456160) 2.4K 1/4 J (HF456240) 4.7K 1/4 J (HF456470) 51.0K 1/4 J (HF457510) 470.0 1/4 J (HF455470) 3.9K 1/4 J (HF456390) 5.6K 1/4 J (HF456560) 13.0K 1/4 J (HF457130) 36.0K 1/4 J (HF457360)

100.0 1/4 J (HF455100) 150.0K 1/4 J (HF458150) 270.0K 1/4 J (HF458270)

220.0 1/4 J (HF455220)

15.0K 1/4 J (HF457150)

12.0K 1/4 J (HF457120) 8.2K 1/4 J (HF456820) 39.0K 1/4 J (HF457390) 9.1K 1/4 J (HF456910) 470.0K 1/4 J (HF458470)

18.0K 1/4 J (HF457180) 91.0K 1/4 J (HF457910)

33.0K 1/4 J (HF457330)

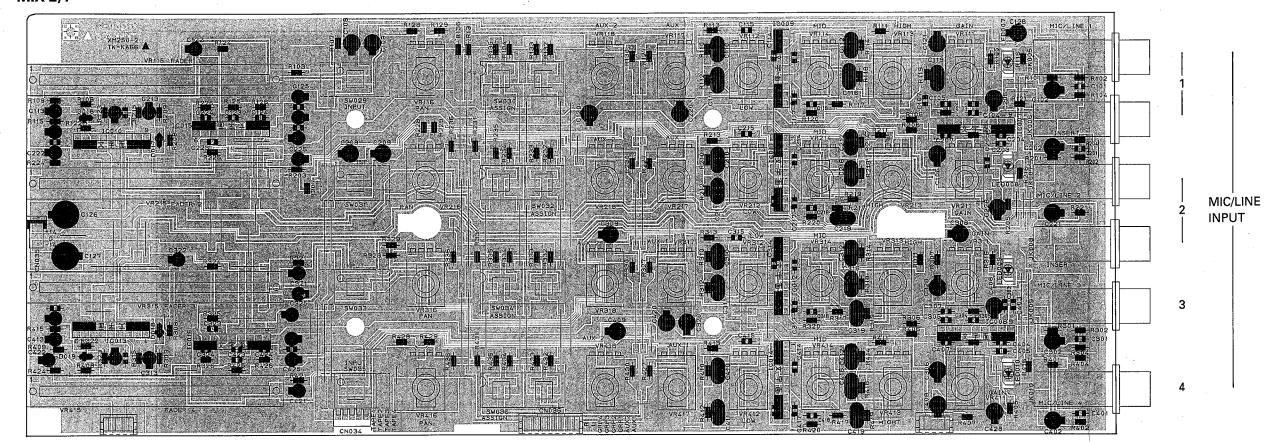
150P 50V K (VG278200)

### MIX 2/7

2

3

4



- 8. METAL OXIDE FILM RESISTOR R40: 18.0 1W J (HL214180)
- 9. FUSE RESISTOR FR 1: FR 2, 3:

4.7 1/4 J (VE009700) 10.0 1/4 G (VK186600)

- 10. RESISTOR ARRAY
- RGLE8X103J (VF771900)
- IC IC 1: IC 2: IC 3: IC 4: IC 5: IC 6: IC 7, 8: IC 9~16:

BU4551B (XI929A00) ANALOG SWITCH M38022M2SP (XM709A00) CPU NJM7812FA (XJ608A00) REGULATOR +12V NJM78M05FA (XJ604A00) REGULATOR +5V M5230L (XB382A00) REGULATOR LB1649 (XA299A00) MOTOR DRIVER NJM2068S-D (XE322A00) OP AMP NJM4558S (IG076800) OP AMP

- 12. TACT SWITCH SW 2-27:
  - SKH-VBA005A (VG392900)
- 13. PUSH SWITCH SW28: SW29, 31, 33, 35: SW30, 32, 34, 36:

SPPH23 (VQ036800) VARI/FIX SPEC12 (VQ035600) ASSIGN SPEC21 2 (VQ035700) TAPE, MIC/LINE

14. PHONE JACK JK 5, 7, 9, 10: JK 6, 8:

15. EMI FILTER EMI 1~4:

LS MT Y223NB (FZ006970)

YKB21-5011 (VD430000) MIC/LINE YKB21-5166 (VP599800) INSERT

- 16. CERAMIC RESONATOR
- CST8.00MTW (VJ802400)

# 3NA-VP99610 18

- 17. TRIMMER POTENTIOMETER VR 1, 2: B 6 B 6.8K 3P (VQ033000)
- 18. SLIDE POT. VR115, 215, 315 415:

10.0K (VQ030400) FADER1-4

19. VARIABLE RESISTOR VR 3: VR111, 211, 311 411: VR112, 114, 212 213, 214, 312

B 10.0K (VQ032500) PITCH A 100.0K (VQ032400) GAIN

313, 314, 412 414: VR113, 413: VR116, 416: VR117, 118, 217 218, 317, 318 417, 418: VR216, 316:

B 50.0K (VQ031400) LOW, MID, HIGH B 50.0K (VQ031500) HIGH B 10.0K (VQ031000) PAN

A 10.0K (VQ031200) AUX1, 2 B 10.0K (VQ030900) PAN

TRANSISTOR Q 7, 15, 16: Q 9, 12: Q10, 11:

2SC2603 E, F (IC260320) 2SB1274 R, S (VC614000) 2SD1913 R, S (VC407900)

DIODE D12, 14, 16~19: D13, 15:

1SS133 T-77 (IF004600) 1SR139-100 T-32 (VH770800)

22. ZENER DIODE ZD 3, 4, 7: ZD 5, 6: ZD 8:

MTZ J 7.5B 7.5V (VG438600) MTZ J 9.1C 9.1V (VG439300) MTZ J 4.3A 4.3V (VG436700)

LED 1, 3, 5, 7~10: LED 2: LED 4, 6:

SLR-34URC3H3 RE (IF008730) SLR-34YC3H3 YE (VE067000) SLR-34MC3H3 GR (IF008740) 24. DIGITAL TRANSISTOR Q 8: Q 5, 6, 17, 18: Q13, 14:

DTC143XS TP (VD488500) DTA114ES (VD678500) DTC114ES (VD678700)

25. CONNECTOR HOUSING CN34: CN36:

52084 5P TE (VP600000) to DEC-CN109 FJ 8P (VK217100) to MAS-CN39

Components side (部品側)

26. BASE PIN IN STICK CN19: CN21:

PH 7P TE (VD005000) to DEC-CN115 PH 4P TE (VD004700) to ENC-CN106 CN22: PH 5P TE (VD004800) to ENC-CN108 PH 5P TE (VD004800) to MAS-CN47 PH 6P TE (VD004900) to DEC-CN113 PH 9P TE (VD005200) to ENC-CN113 CN24: CN26: PH 11P TE (VG699700) to CASSETTE PH 7P TE (VD005000) to CASSETTE PH 8P TE (VD005100) to MIX-CN33 CN27: CN28: CN29: PH 6P TE (VD004900) to SUB-CN18 CN30: PH 6P TE (VD004900) to MIX-CN32

27. CONNECTOR ASSEMBLY

11P 200L (VQ051000) to ENC-CN110 7P 140L (VQ051700) to SUB-CN3 CN20: CN25:

28. PH CONNECTOR ASSEMBLY CN35:

3P 120mm B&C (VB708400) to DEC-CN111 3P 70mm B&B (VB692900) to MIX-CN48 CN48: CN49: CN50: 3P 100mm B&B (VB693000) to MIX-CN49 3P 140mm B&B (VB693200) to MIX-CN50 3P 100mm B&B (VB693000) to MIX-CN55 CN55:

**B&C CONNECTOR ASSEMBLY** CN32:

CN33:

PH328 6P 350 (VM023000) to MIX-CN31 PH362 8P 350 (VM026400) to MIX-CN29