

● MAS Circuit Board

MAS 1/3

AUX SEND

2

1

R

8

L

7

LINE
INPUT

6

5

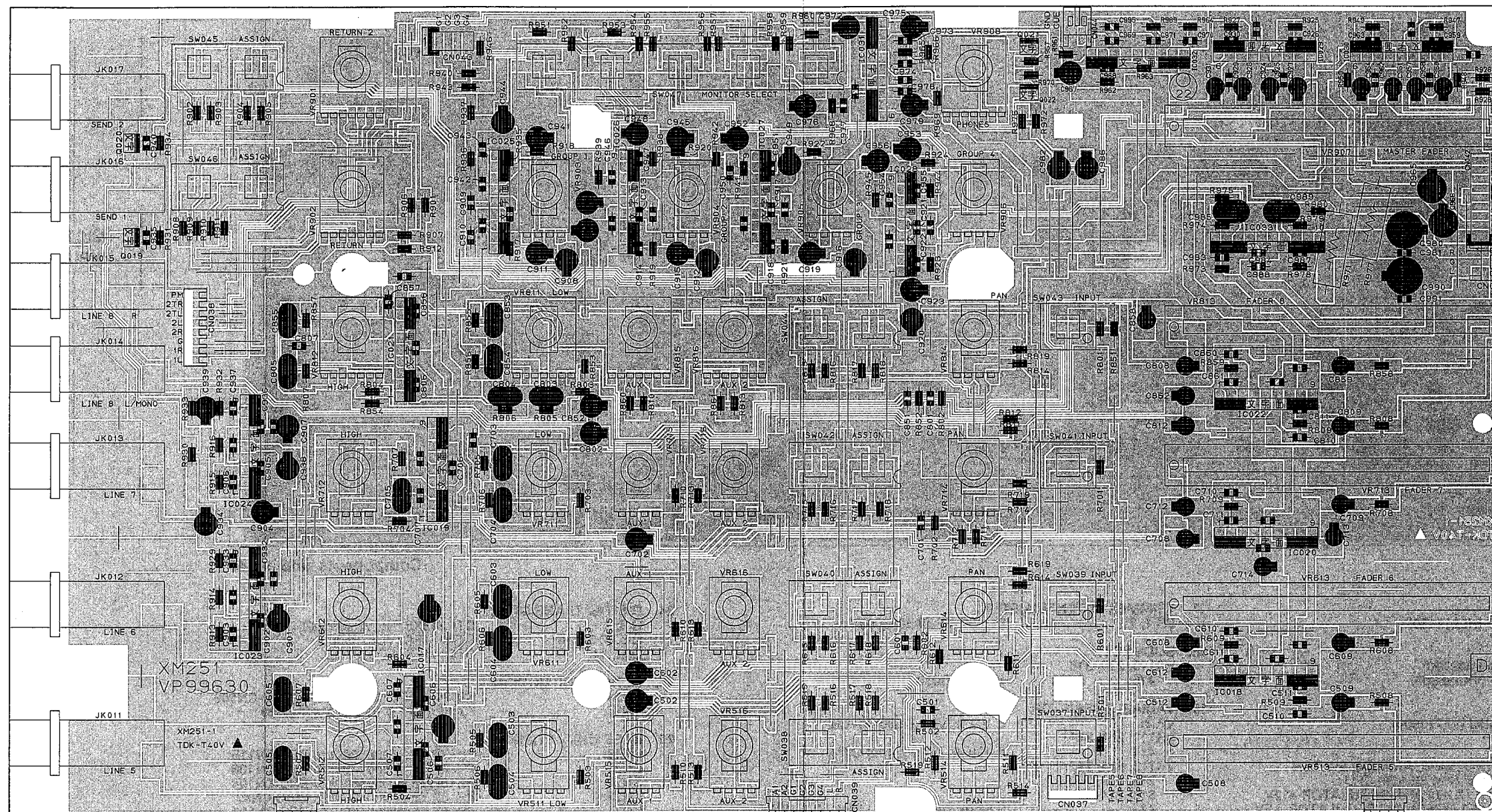
MASTER

8

7

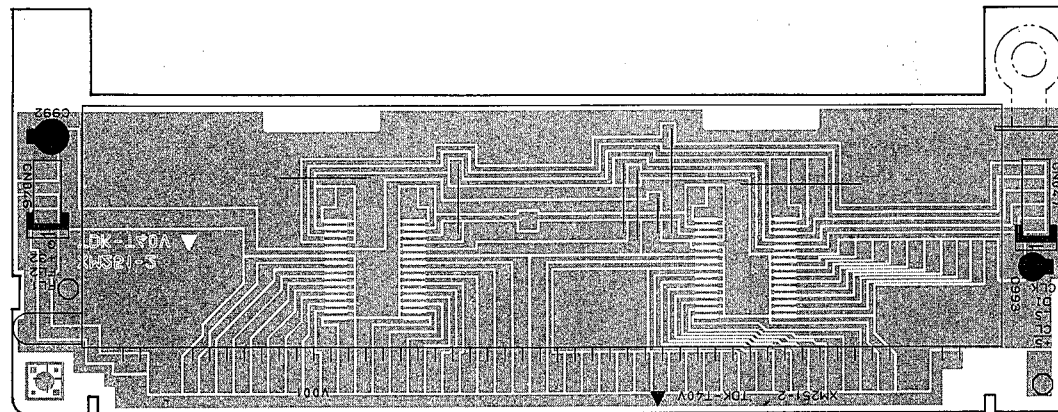
6

5



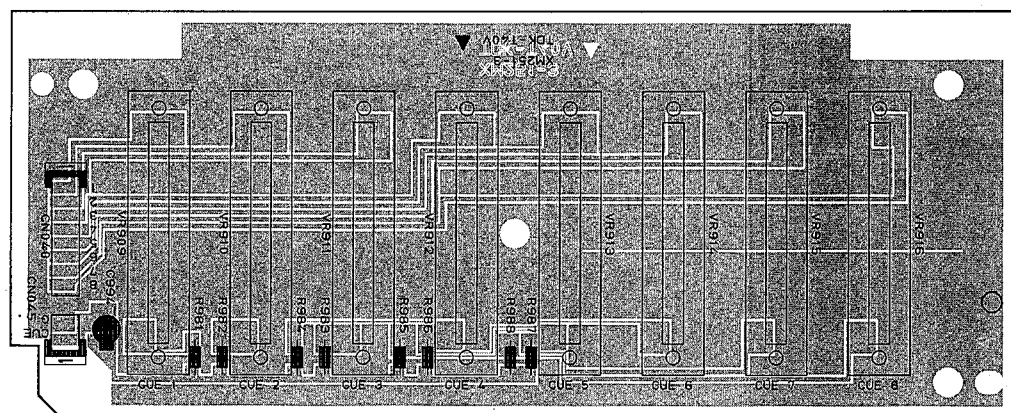
Components side (部品側)

MAS 2/3



Components side (部品側)

MAS 3/3



Components side (部品側)

Notes)

CIRCUIT BOARD : MAS XM251D0
 CIRCUIT BOARD : MAS 1/3 (NX812290)
 CIRCUIT BOARD : MAS 2/3 (NX812300)
 CIRCUIT BOARD : MAS 3/3 (NX812310)

1. MYLAR CAP.
 C503, 504, 603, 604
 703, 704, 803, 804
 853, 854: 0.0220 50V J (UA654220)
 C505, 605, 705, 805
 855: 1800P 50V J (UA653180)
 C985, 989: 0.1000 50V J (UA655100)
2. CERAMIC TUBULAR CAP.-SL
 C507, 607, 707, 807
 857: 10P 50V J (VF466600)
 C511, 611, 711, 811
 861, 926, 930, 973
 977: 15P 50V J (VG276200)
 C903, 906, 959, 963:
 50V J (VG276400)
 C910, 914, 918, 922:
 50V J (VG277200)
 C933, 937: 56P 50V J (VG277500)
 C943, 947, 951, 955:
 27P 50V J (VG276800)
 C968: 68P 50V J (VG277000)
 C970, 983, 987: 33P 50V J (VG277000)

3. CERAMIC TUBULAR CAP.-B
 C501, 601, 701, 801
 851: 220P 50V K (VG278400)
 C506, 510, 606, 610
 706, 710, 806, 810
 856, 860, 902, 905
 909, 913, 917, 921
 925, 929, 932, 936
 942, 946, 950, 954
 958, 962, 969, 971
 974, 978, 984, 988
 995: 100P 50V K (VF466800)
4. CERAMIC TUBULAR CAP.-F
 C935, 940, 981, 991: 0.022 25V Z (VG280100)
5. ELECTROLYTIC CAP.
 C502, 602, 702, 802
 852, 901, 904, 908
 911, 912, 915, 916
 919, 920, 923, 934
 939, 941, 944, 945
 948, 949, 952, 953
 956, 967, 972, 975
 976, 979, 982, 986:
 10.00 25.0V (VG288500)
 C508, 509, 512, 608
 609, 612, 708, 709
 712~714, 808, 809
 812, 858, 859, 862
 907, 924, 927, 928
 931, 938, 957, 961
 993, 994:
 10.00 25.0V (UM407100)
 C960, 964:
 22.00 25.0V (UM407220)
 C965, 966:
 100.00 16.0V (UI538100)
 C980, 990:
 330.00 16.0V (VG287800)
 C992: 10.00 50.0V (UI567100)
6. CARBON RESISTOR
 R501, 601, 701, 801
 851, 930, 931, 933
 934, 966, 967, 969
 970, 989:
 1.0K 1/4 J (HF456100)
 R502, 602, 702, 802
 852:
 470.0K 1/4 J (HF458470)
 R503, 506, 603, 606
 703, 706, 803, 806
 853, 856:
 12.0K 1/4 J (HF457120)
 R504, 604, 704, 804
 854:
 6.8K 1/4 J (HF456680)
 R505, 605, 705, 805
 855, 917, 919, 921
 923, 926, 928:
 39.0K 1/4 J (HF457390)
 R507, 607, 707, 807
 857:
 9.1K 1/4 J (HF456910)
 R508, 608, 708, 808
 858, 955, 956, 959
 960, 964, 973, 978:
 47.0K 1/4 J (HF457470)
 R509, 609, 709, 809
 859, 925, 927, 936
 939, 942, 945, 948
 950, 961, 965, 968:
 100.0K 1/4 J (HF458100)
 R510, 513~519, 610
 613~619, 710, 713
 714~719, 810, 813
 814~819, 860, 861
 901~912:
 33.0K 1/4 J (HF457330)
 R511, 512, 611, 612
 711, 712, 811, 812:
 5.6K 1/4 J (HF456560)
 R913, 015, 947, 949:
 82.0K 1/4 J (HF457820)
 R914, 916, 929, 932:
 27.0K 1/4 J (HF457270)
 R918, 920, 922, 924
 951~954, 962, 963
 981~988:
 22.0K 1/4 J (HF457220)
 R935, 938, 941, 944:
 56.0K 1/4 J (HF457560)
 R937, 940, 943, 946:
 220.0 1/4 J (HF455220)
 R957, 958:
 68.0K 1/4 J (HF457680)
 R972, 976:
 15.0K 1/4 J (HF457150)
 R974, 979:
 4.7 1/4 J (HF453470)
 R975, 980:
 2.2 1/4 J (HF453220)
7. METAL OXIDE FILM RESISTOR
 R971: 100.0 2W J (HL225100)
 R977: 120.0 2W J (HL225120)
8. IC
 IC17~32: NJM4558S (IG076800) OP AMP
 IC33: LA6515 (XI250A00) OP AMP
 IC34, 35: MSC1164 (XM255A00) FL. DRIVER
9. FLUORESCENT DISPLAY
 V 1: FV593G (VP599200)
10. PUSH SWITCH
 SW37, 39, 41, 43: SPEC12 (VQ035600) TAPE, MIC/LINE
 SW38, 40, 42, 44~46: SPEC21 2 (VQ035700) ASSIGN
 SW47: SPEC52 (VQ035800) MONI. SELECT
11. PHONE JACK
 JK11~17: YKB21-5011 (VD430000) INPUT, AUX SEND
12. SLIDE POT.
 VR513, 613, 713: A 10.0K (VQ030400) FADER5-7
 VR813, 907: A 10.0K (VQ030600) FADER8, MAS. FADER
 VR909~916: A 10.0K (VQ030300) CUE1-8
13. VARIABLE RESISTOR
 VR511, 611, 612
 711, 712: B 50.0K (VQ031400) LOW, HIGH
 VR512: B 50.0K (VQ031500) HIGH
 VR514, 814: B 10.0K (VQ031000) PAN
 VR515, 516, 615
 616, 715, 716
 903~906: A 10.0K (VQ031200) AUX1, 2, GROUPE MAS.
 VR614, 714: B 10.0K (VQ030900) PAN
 VR811: B 50.0K (VQ032300) LOW
 VR812: B 50.0K (VQ053800) HIGH
 VR815, 816: A 10.0K (VQ031700) AUX1, 2
 VR901: A 20.0K (VQ032100) LEVEL
 VR902: A 20.0K (VQ032000) LEVEL
 VR908: A 10.0K (VQ031800) PHONES
14. TRANSISTOR
 Q19-22: 2SD1915(F) S, T (VK432900)
15. CN39: FJ 8P (VL548500) to MIX-CN36
16. BASE POST CONNECTOR
 CN41: PH 3P SE (VB858200) to SUB-CN17
 CN44: PH 2P SE (VB858100) to MAS-CN45
17. CONNECTOR HOUSING
 CN37: 52084 5P TE (VP600000) to DEC-CN110
 CN38: 52084 8P TE (VP600300) to DEC-CN120
18. PH CONNECTOR ASSEMBLY
 CN42: 9P 120mm B&C (VB718600) to DEC-CN114
 CN45: 2P 70mm B&C (VB706500) to MAS-CN44
19. B&C CONNECTOR ASSEMBLY
 CN40: PH353 8P 70 (VM025500) to DEC-CN108
 CN43: PH296 4P 450 (VM019800) to ENC-CN107
 CN46: PH293 4P 300 (VM019500) to SUB-CN4
 CN47: PH314 5P 500 (VM021600) to MIX-CN23