

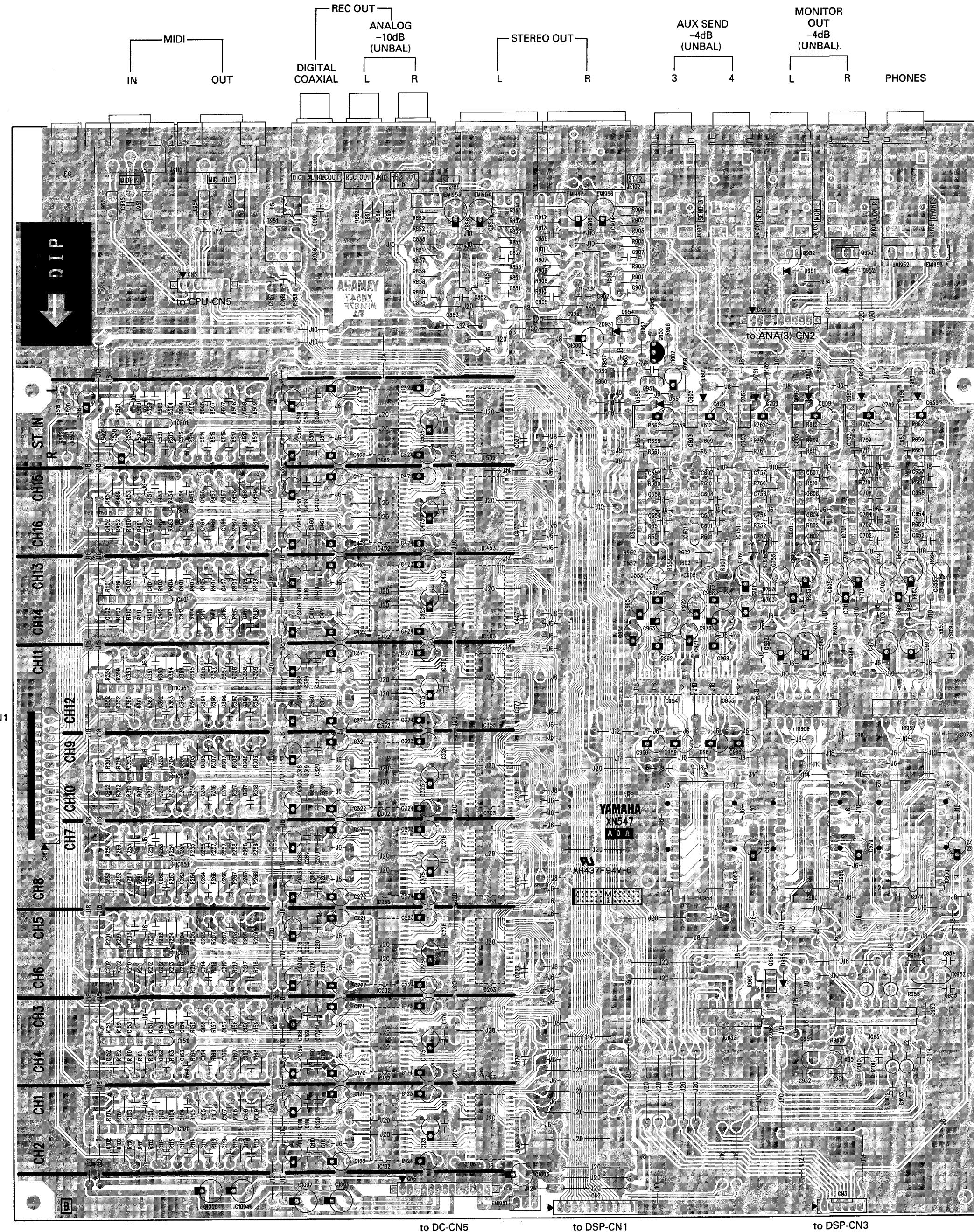
■ CIRCUIT BOARDS (シート基板図)

Notes)

- Circuit Board: ADA (VR512200) XN547B0
- Mylar Capacitor
C104,105,107,108,
113,114,116,117,
154,155,157,158,
163,164,166,167,
204,205,207,208,
213,214,216,217,
254,255,257,258,
263,264,266,267,
304,305,307,308,
313,314,316,317,
354,355,357,358,
363,364,366,367,
404,405,407,408,
413,414,416,417,
454,455,457,458,
463,464,466,467,
504,505,507,508,
513,514,516,517: 1200P 50V J (UA353120)
C557,607,657,707,
757,807: 6800P 50V J (UA353680)
C558,608,658,708,
758,808: 3000P 50V J (UA353300)
C987: 0.010 50V J (UA654100)
 - Monolithic Mylar Capacitor
C551,601: 0.10 50V J (VE326000)
 - Ceramic Capacitor
C101,112,151,162,
201,212,251,262,
301,312,351,362,
401,412,451,462: 470P 50V K (VD842200)
C102,103,152,153,
202,203,252,253,
302,303,352,353,
402,403,452,453,
502,503,553,554,
603,604,653,654,
703,704,753,754,
803,804,852,853,
902,903,999: 10000P 16V N (VD843800)
C529,531,652,702,
752,802: 47P 50V J (VD840900)
C552,602,1001: 100P 50V K (VD841300)
C851,855,857,858,
901,905,907,908,
1012: 33P 50V J SL (VD840700)
C951,952: 22P 50V J CH (VK663100)
C954,955: 33P 50V J CH (VA761200)
C988: 220P 50V K (VD841800)
C1013: 22P 50V J SL (VD840500)
C1014: 27P 50V J SL (VD840600)
 - Monolithic Ceramic Cap.
C110,111,119,120,
126,127,160,161,
169,170,176,177,
210,211,219,220,
226,227,260,261,
269,270,276,277,
310,311,319,320,
326,327,360,361,
369,370,376,377,
410,411,419,420,
426,427,460,461,
469,470,476,477,
510,511,519,520,
526,527,953,956,
958,974,975,978,
980,981,984,985,
989,990: 0.100 50V Z (VI307100)
 - Electrolytic Cap.
C109,118,121~125,
159,168,171~175,
209,218,221~225,
259,268,271~275,
309,318,321~325,
359,368,371~375,
409,418,421~425,
459,468,471~475,
509,518,521~525,
528,530,661,711,
759,761,809,811,
957,973,979: 10.00 35.0V (UJ857100)
C128,129,178,179,
228,229,278,279,
328,329,378,379,
428,429,478,479,
532,533,965,972: 47.00 16.0V (UJ837470)
C559,609,659,
709: 47.00 25.0V (UJ847470)
C660,710,760,810,
1004,1005: 100.00 25.0V (UJ848100)
C854,856,904,906,
963,970,976,977,
982,983,1003,1006,
1007: 100.00 16.0V (UJ838100)
C959~961,964,
966~968,971: 10.00 16.0V (UJ837100)
C962,969: 22.00 16.0V (UJ837220)
C1000: 220.00 10.0V (UJ828220)
C1002: 1.00 50.0V (UJ866100)
 - Electrolytic Cap.-BP
C655,705,755,
805: 1.00 50.0V (UK866100)
 - Coil
L951~954: FL5R200QNT 20uH (VB835000)
T951: TC-1019-06 (VC548200)
 - Ferrite Bead
L1~4: BL02RN1-R62T4 (GE300610)
 - Noise Filter
L5: ZYJ51R5-2P (VP246300)
 - Carbon Resistor
R101,110,151,160,
201,210,251,260,
301,310,351,360,
401,410,451,460: 13.0K 1/4 J (HF757130)
R102,152,202,252,
302,352,402,452: 3.6K 1/4 J (HF756360)
R103,104,108,112,
113,117,153,154,
158,162,163,167,
203,204,208,212,
213,217,253,254,
258,262,263,267,
303,304,308,312,
313,317,353,354,
358,362,363,367,
403,404,408,412,
413,417,453,454,
458,462,463,467,
504,513: 2.2K 1/4 J (HF756220)
R105,114,155,164,
205,214,255,264,
305,314,355,364,
405,414,455,464,
505,514 470.0 1/4 J (HF755470)
R107,116,157,166,
207,216,257,266,
307,316,357,366,
407,416,457,466,
507,516: 1.3K 1/4 J (HF756130)

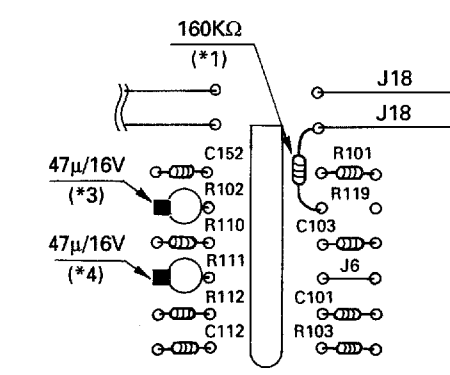
ProMix 01

- R109,118,159,168,
209,218,259,268,
309,318,359,368,
409,418,459,468,
509,518: 910.0 1/4 J (HF755910)
- R111,161,211,261,
311,361,411,461: 3.3K 1/4 J (HF756330)
- R120,121,170,171,
220,221,270,271,
320,321,370,371,
420,421,470,471: 160.0K 1/4 J (HF758160)
- R503,512: 3.0K 1/4 J (HF756300)
- R508,517: 560.0 1/4 J (HF755560)
- R519,522: 12.0K 1/4 J (HF757120)
- R520,523: 5.6K 1/4 J (HF756560)
- R521,524,551,601,
962,964: 1.0K 1/4 J (HF756100)
- R526: 30.0K 1/4 J (HF757300)
- R527: 43.0K 1/4 J (HF757430)
- R528,529,562,612
856,863,906,913: 100.0K 1/4 J (HF758100)
- R561,611,661,711,
761,811: 330.0 1/4 J (HF755330)
- R653,703,753,803,
968: 27.0K 1/4 J (HF757270)
- R662,712,762,812,
959,960,966,967: 10.0K 1/4 J (HF757100)
- R765,815: 220.0 1/4 J (HF755220)
- R855,862,905,912,
956: 75.0 1/4 J (HF754750)
- R951,954: 680.0 1/4 J (HF755680)
- R952,953: 1.0M 1/4 J (HF759100)
- R955: 47.0 1/4 J (HF754470)
- R957: 15.0K 1/4 J (HF757150)
- R958,965: 7.5K 1/4 J (HF756750)
- R961,963: 2.0K 1/4 J (HF756200)
- R969: 4.7K 1/4 J (HF756470)
- 11. Metal Film Resistor
 - R552,602: 11.0K 1/4 F (VA074500)
 - R559,560,609,610,
659,660,709,710,
759,760,809,810: 1.0K 1/4 F (VB065500)
 - R652,702,752,
802: 22.0K 1/4 F (VB068100)
 - R663,713,763,
813: 1.3K 1/4 F (VB065800)
 - R664,714,764,
814: 15.0K 1/4 F (VA074600)
 - R851,852,858,859,
901,902,908,909: 10.0K 1/4 F (VA074400)
 - R853,860,903,
910: 18.0K 1/4 F (VB067900)
 - R854,861,904,
911: 20.0K 1/4 F (VB068000)
 - R857,907: 1.1K 1/4 F (VB065600)
- 12. IC
 - IC101,151,201,
251,301,351,401,
451,501: NJM4560L (XM435A00) OP AMP
 - IC102,152,202,
252,302,352,402,
452,502: PCM1760U (XN848A00) ADC
 - IC103,153,203,
253,303,353,403,
453,503: DF1760U (XN849A00) Decimation Filter
 - IC551,601: BA15532N (XQ030A00) OP AMP
 - IC651,701,751,
801: XRA4560N (XJ631A0) OP AMP
 - IC851,901: NJM4580DD (XM651A00) OP AMP
 - IC951: YM01T (XP238A00) GATE ARRAY
 - IC952: TC74HC74AP (IR007400) D-FF
 - IC953,956,958: YSF210-D (XJ905A00) Digital Filter
 - IC954,955: PCM1702U (XM896A00) DAC
 - IC957,959: PCM69AP-3 (XM051A00) DAC
- 13. Transistor
 - Q552,602,752,802,
952,953,956,957,
958: 2SD1915(F) S,T (VK432900) or
2SC2878 A,B (IC287820)
 - Q951,954: 2SC3330 S,T (VC218900) or
2SC1815 Y,GR (IC1815M0)
 - Q955: 2SA1266 Y,GR (VS291000) or
2SA1015 O,Y (IA101590)
- 14. Diode
 - D551,601,751,801,
951~955: 1SS133,1SS176 (VB941200)
- 15. Zener Diode
 - ZD951: MTZJ7.5B 7.5V (VQ554200)
- 16. XLR Connector
 - JK101,102: NC3MAH (VS133700) STEREO OUT
- 17. Phone Jack
 - JK103~107: HLJ7001-01 (VS056300) AUX SEND,
MONITOR OUT
- 18. DIN Connector
 - JK110: 2-gang 5P3 YKF51-50 (VJ249300) MIDI IN,
OUT
- 19. Pin Connector
 - JK111: 3-gang YKC21-3281 RE WH (VS133200)
REC OUT
- 20. Connector Housing
 - CN2: FJ 12P (VL548900)
 - CN3: FJ 6P (VL548400)
- 21. Cable Holder
 - CN4: 51048 9P TE (VI878700)
 - CN5: 51048 7P TE (VI878500)
 - CN6: 51048 13P TE (VI879100)
- 22. Connector
 - CN1: 52045 28P TE (VN773600)
- 23. LC Filter (EMI)
 - EMI951: MT Y223NB (FZ006970)
 - EMI952,953: MT X222MB (FZ007070)
 - EMI954~957: MT-B271KB (FZ007050)
- 24. Quartz Crystal Unit
 - X951: 12.288MHz AF2138CG (VI552000)
 - X952: 21.4722MHz AT-49 (VR529600)

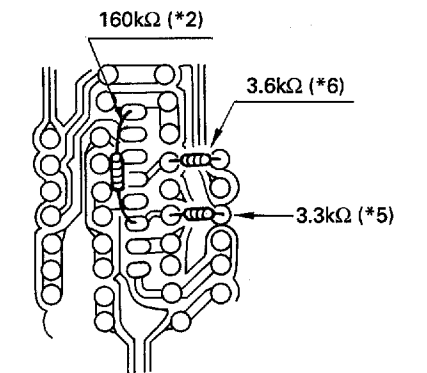


Modification of ADA circuit board XN547 B0 (B version only)
 ADAシートバージョンBの外付け部品

• IC101~IC451



(IC101)
 Components side (部品側)

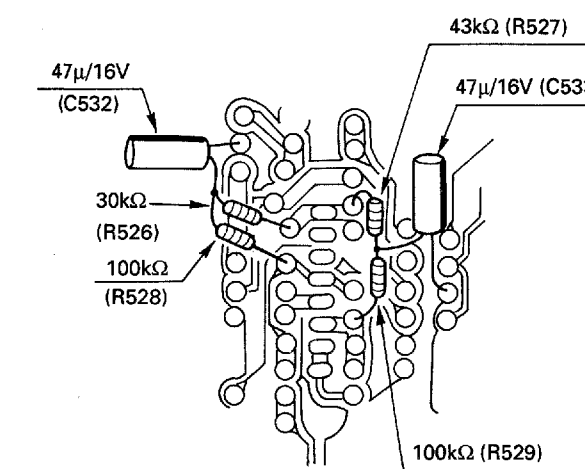


Pattern side (パターン側)

	IC101	IC151	IC201	IC251	IC301	IC351	IC401	IC451
*1	R120	R170	R220	R270	R320	R370	R420	R470
*2	R121	R171	R221	R271	R321	R371	R421	R471
*3	R128	R178	R228	R278	R328	R378	R428	R478
*4	R129	R179	R229	R279	R329	R379	R429	R479
*5	R111	R161	R211	R261	R311	R361	R411	R461
*6	R102	R152	R202	R252	R302	R352	R402	R452

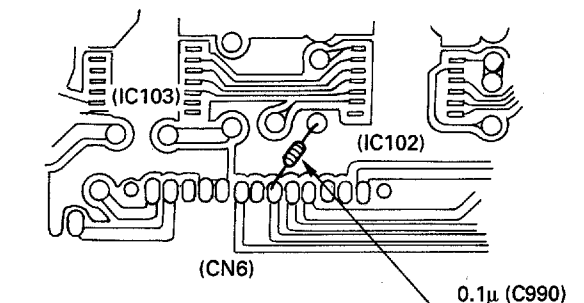
R119, 169, 219, 269, 319, 369, 419, 469, 525 are not installed on the board.

• IC501



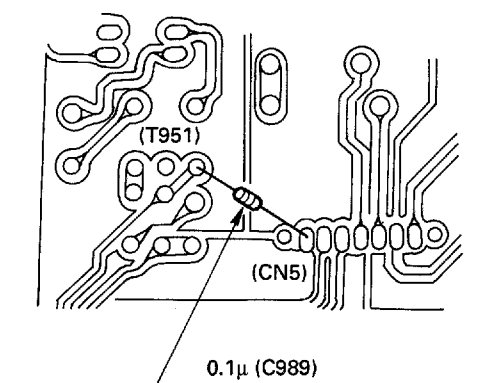
Pattern side (パターン側)

• IC102



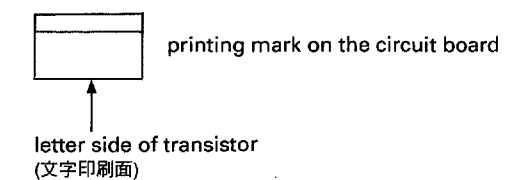
Pattern side (パターン側)

• T951



Pattern side (パターン側)

Install the following transistors as below.
 下記のトランジスタは下図のように取付してください。
 Q552, 602, 752, 802, 952, 953, 956, 957, 958



Components side (部品側)