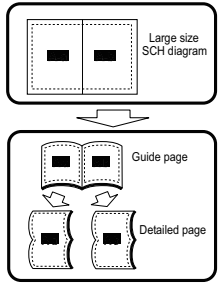
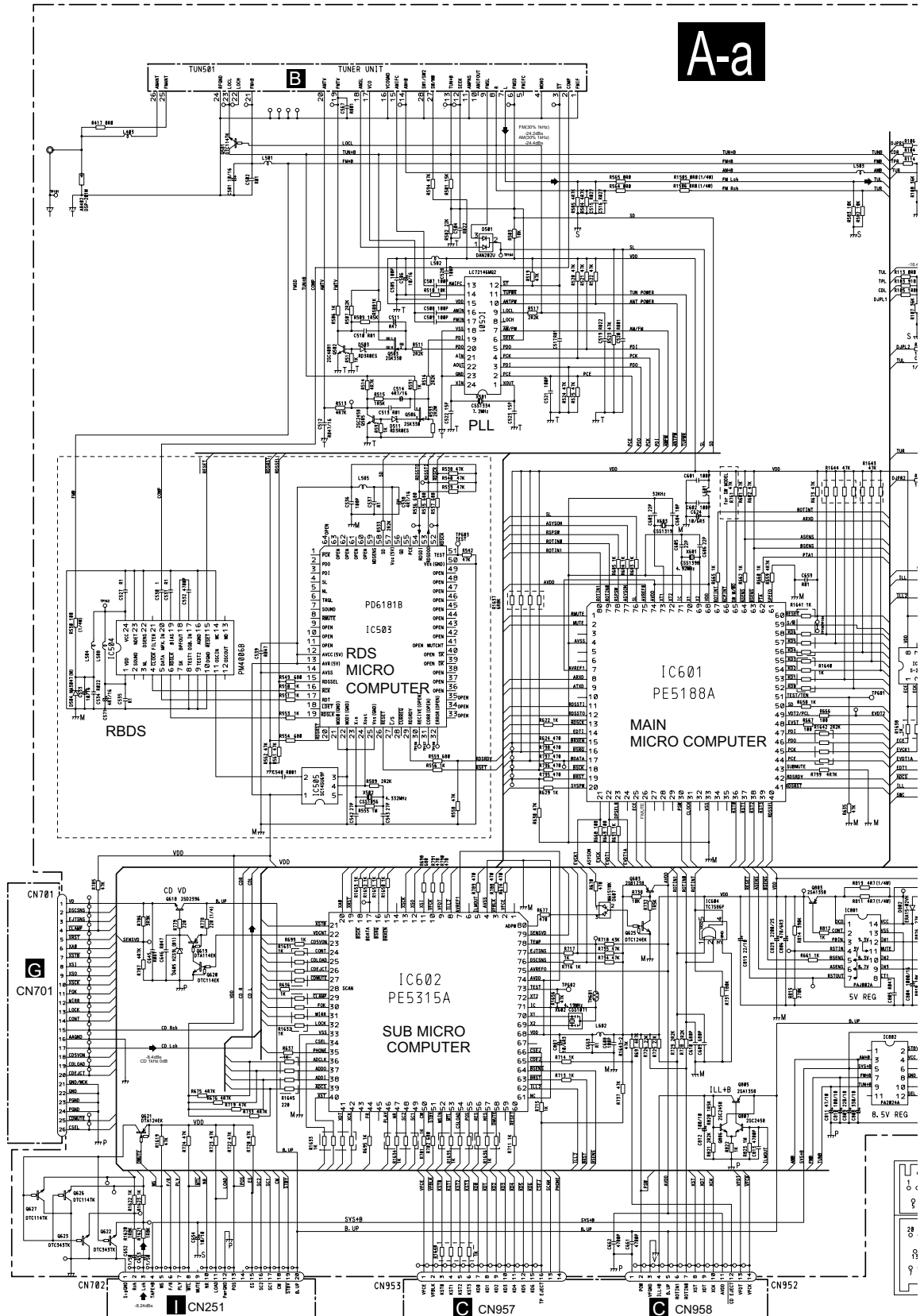


OVERALL CONNECTION DIAGRAM(GUIDE PAGE)

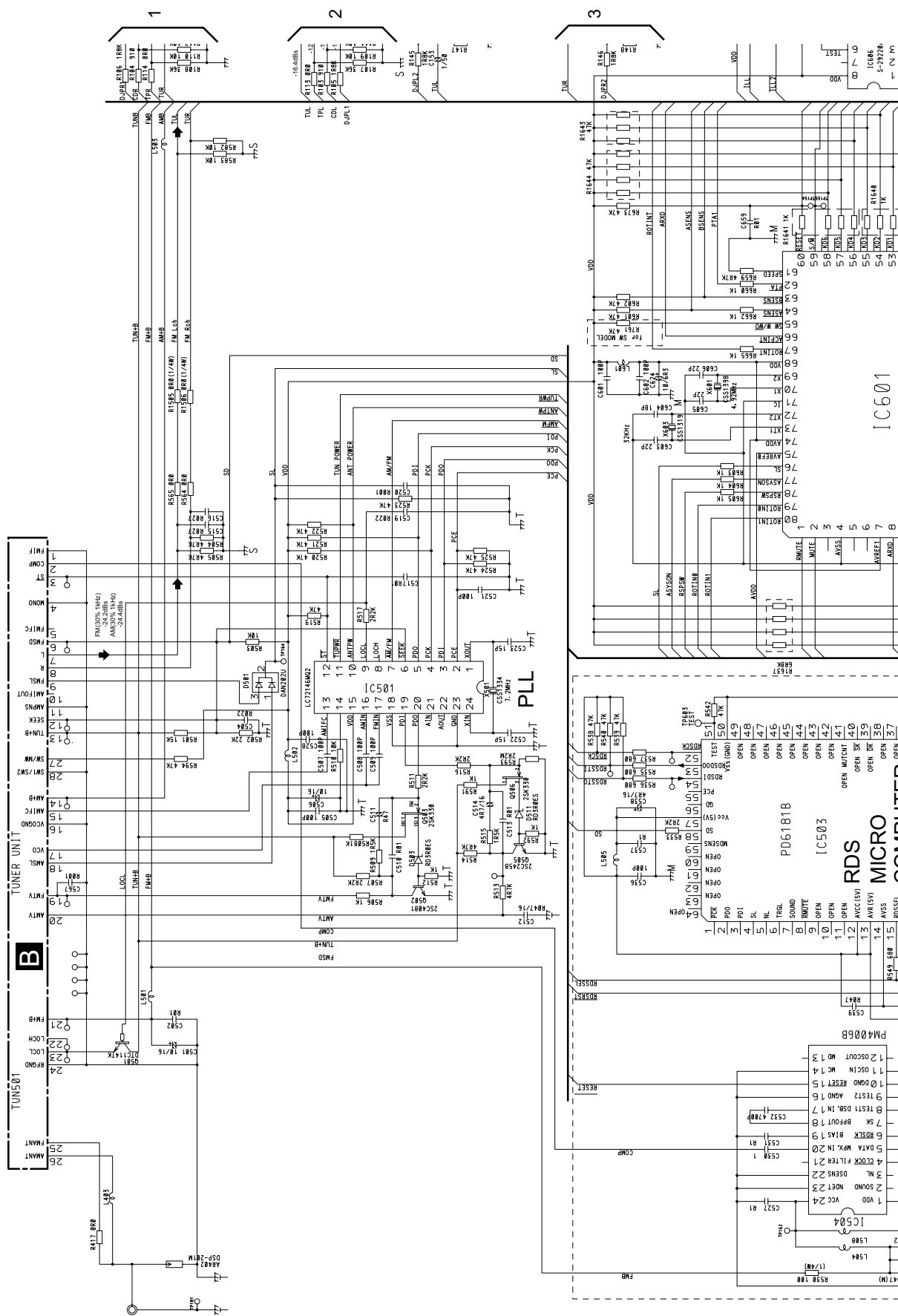
Note: When ordering service parts, be sure to refer to "EXPLODED VIEW S AND PARTS LIST" or "ELECTRICAL PARTS LIST".



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A-a	A-b
<p>1. $\frac{1}{2}$ of the population</p> <p>2. $\frac{1}{4}$ of the population</p> <p>3. $\frac{1}{8}$ of the population</p> <p>4. $\frac{1}{16}$ of the population</p> <p>5. $\frac{1}{32}$ of the population</p> <p>6. $\frac{1}{64}$ of the population</p> <p>7. $\frac{1}{128}$ of the population</p> <p>8. $\frac{1}{256}$ of the population</p> <p>9. $\frac{1}{512}$ of the population</p> <p>10. $\frac{1}{1024}$ of the population</p> <p>11. $\frac{1}{2048}$ of the population</p> <p>12. $\frac{1}{4096}$ of the population</p> <p>13. $\frac{1}{8192}$ of the population</p> <p>14. $\frac{1}{16384}$ of the population</p> <p>15. $\frac{1}{32768}$ of the population</p> <p>16. $\frac{1}{65536}$ of the population</p> <p>17. $\frac{1}{131072}$ of the population</p> <p>18. $\frac{1}{262144}$ of the population</p> <p>19. $\frac{1}{524288}$ of the population</p> <p>20. $\frac{1}{1048576}$ of the population</p> <p>21. $\frac{1}{2097152}$ of the population</p> <p>22. $\frac{1}{4194304}$ of the population</p> <p>23. $\frac{1}{8388608}$ of the population</p> <p>24. $\frac{1}{16777216}$ of the population</p> <p>25. $\frac{1}{33554432}$ of the population</p> <p>26. $\frac{1}{67108864}$ of the population</p> <p>27. $\frac{1}{134217728}$ of the population</p> <p>28. $\frac{1}{268435456}$ of the population</p> <p>29. $\frac{1}{536870912}$ of the population</p> <p>30. $\frac{1}{1073741824}$ of the population</p> <p>31. $\frac{1}{2147483648}$ of the population</p> <p>32. $\frac{1}{4294967296}$ of the population</p> <p>33. $\frac{1}{8589934592}$ of the population</p> <p>34. $\frac{1}{17179869184}$ of the population</p> <p>35. $\frac{1}{34359738368}$ of the population</p> <p>36. $\frac{1}{68719476736}$ of the population</p> <p>37. $\frac{1}{137438953472}$ of the population</p> <p>38. $\frac{1}{274877906944}$ of the population</p> <p>39. $\frac{1}{549755813888}$ of the population</p> <p>40. $\frac{1}{1099511627776}$ of the population</p> <p>41. $\frac{1}{2199023255552}$ of the population</p> <p>42. $\frac{1}{4398046511104}$ of the population</p> <p>43. $\frac{1}{8796093022208}$ of the population</p> <p>44. $\frac{1}{17592186044416}$ of the population</p> <p>45. $\frac{1}{35184372088832}$ of the population</p> <p>46. $\frac{1}{70368744177664}$ of the population</p> <p>47. $\frac{1}{140737488355328}$ of the population</p> <p>48. $\frac{1}{281474976710656}$ of the population</p> <p>49. $\frac{1}{562949953421312}$ of the population</p> <p>50. $\frac{1}{1125899906842624}$ of the population</p> <p>51. $\frac{1}{2251799813685248}$ of the population</p> <p>52. $\frac{1}{4503599627370496}$ of the population</p> <p>53. $\frac{1}{9007199254740992}$ of the population</p> <p>54. $\frac{1}{18014398509481984}$ of the population</p> <p>55. $\frac{1}{36028797018963968}$ of the population</p> <p>56. $\frac{1}{72057594037927936}$ of the population</p> <p>57. $\frac{1}{144115188075855872}$ of the population</p> <p>58. $\frac{1}{288230376151711744}$ of the population</p> <p>59. $\frac{1}{576460752303423488}$ of the population</p> <p>60. $\frac{1}{1152921504606846976}$ of the population</p> <p>61. $\frac{1}{2305843009213693952}$ of the population</p> <p>62. $\frac{1}{4611686018427387904}$ of the population</p> <p>63. $\frac{1}{9223372036854775808}$ of the population</p> <p>64. $\frac{1}{18446744073709551616}$ of the population</p> <p>65. $\frac{1}{36893488147419103232}$ of the population</p> <p>66. $\frac{1}{73786976294838206464}$ of the population</p> <p>67. $\frac{1}{147573952589676412928}$ of the population</p> <p>68. $\frac{1}{295147905179352825856}$ of the population</p> <p>69. $\frac{1}{590295810358705651712}$ of the population</p> <p>70. $\frac{1}{1180591620717411303424}$ of the population</p> <p>71. $\frac{1}{2361183241434822606848}$ of the population</p> <p>72. $\frac{1}{4722366482869645213696}$ of the population</p> <p>73. $\frac{1}{9444732965739290427392}$ of the population</p> <p>74. $\frac{1}{18889465931478580854784}$ of the population</p> <p>75. $\frac{1}{37778931862957161709568}$ of the population</p> <p>76. $\frac{1}{75557863725914323419136}$ of the population</p> <p>77. $\frac{1}{151115727451828646838272}$ of the population</p> <p>78. $\frac{1}{302231454903657293676544}$ of the population</p> <p>79. $\frac{1}{604462909807314587353088}$ of the population</p> <p>80. $\frac{1}{1208925819614629174706176}$ of the population</p> <p>81. $\frac{1}{2417851639229258349412352}$ of the population</p> <p>82. $\frac{1}{4835703278458516698824704}$ of the population</p> <p>83. $\frac{1}{9671406556917033397649408}$ of the population</p> <p>84. $\frac{1}{19342813113834066795298816}$ of the population</p> <p>85. $\frac{1}{38685626227668133590597632}$ of the population</p> <p>86. $\frac{1}{77371252455336267181195264}$ of the population</p> <p>87. $\frac{1}{154742504910672534362390528}$ of the population</p> <p>88. $\frac{1}{309485009821345068724781056}$ of the population</p> <p>89. $\frac{1}{618970019642690137449562112}$ of the population</p> <p>90. $\frac{1}{1237940039285380274899124224}$ of the population</p> <p>91. $\frac{1}{2475880078570760549798248448}$ of the population</p> <p>92. $\frac{1}{4951760157141521099596496896}$ of the population</p> <p>93. $\frac{1}{9903520314283042199192993792}$ of the population</p> <p>94. $\frac{1}{19807040628566084398385987584}$ of the population</p> <p>95. $\frac{1}{39614081257132168796771975168}$ of the population</p> <p>96. $\frac{1}{79228162514264337593543950336}$ of the population</p> <p>97. $\frac{1}{158456325028528675187087900672}$ of the population</p> <p>98. $\frac{1}{316912650057057350374175801344}$ of the population</p> <p>99. $\frac{1}{633825300114114700748351602688}$ of the population</p> <p>100. $\frac{1}{1267650600228229401496703205376}$ of the population</p>	

A

B

C

D

A-a A-b

A-b

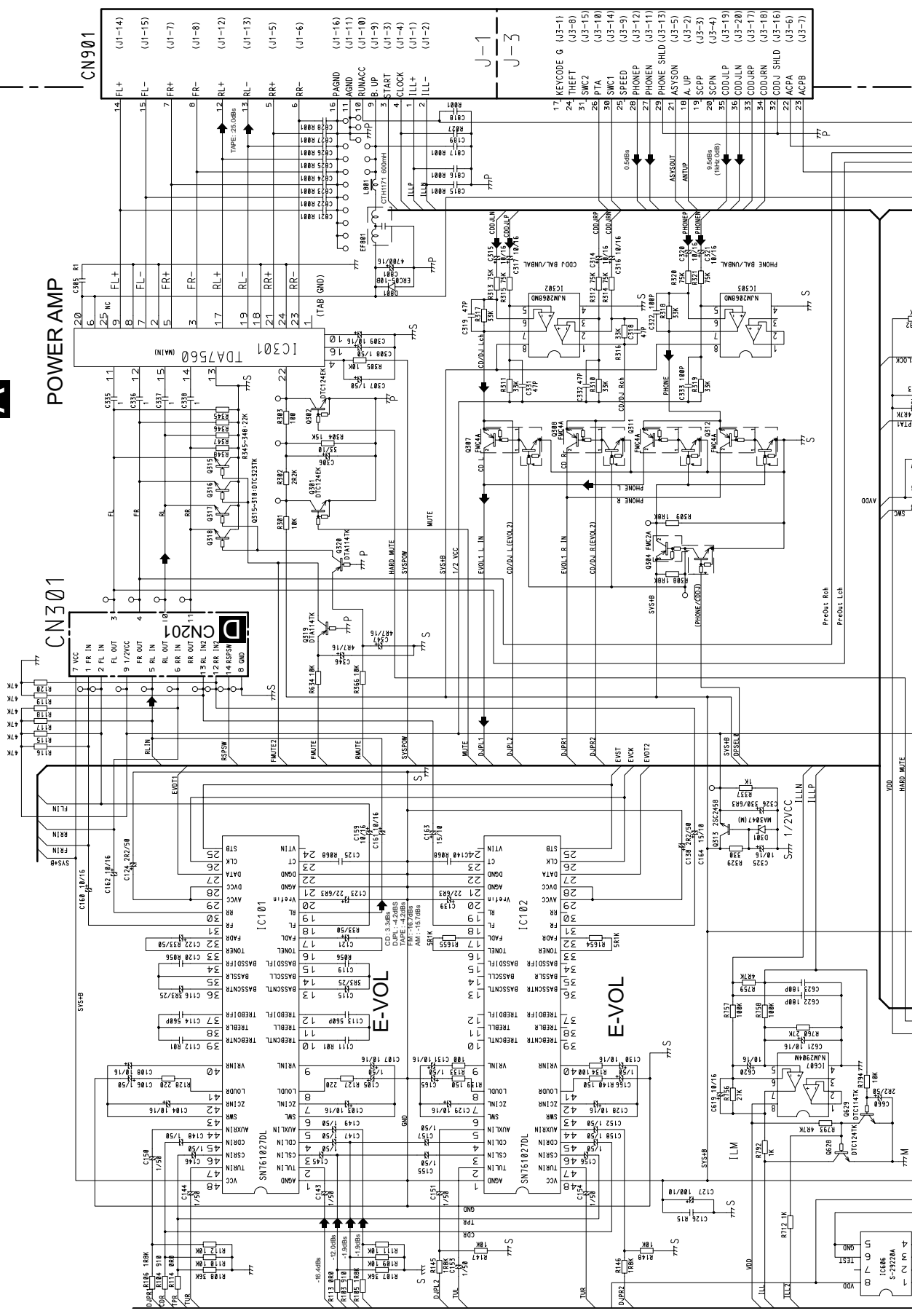
A MOTHER UNIT

1

2

3

4

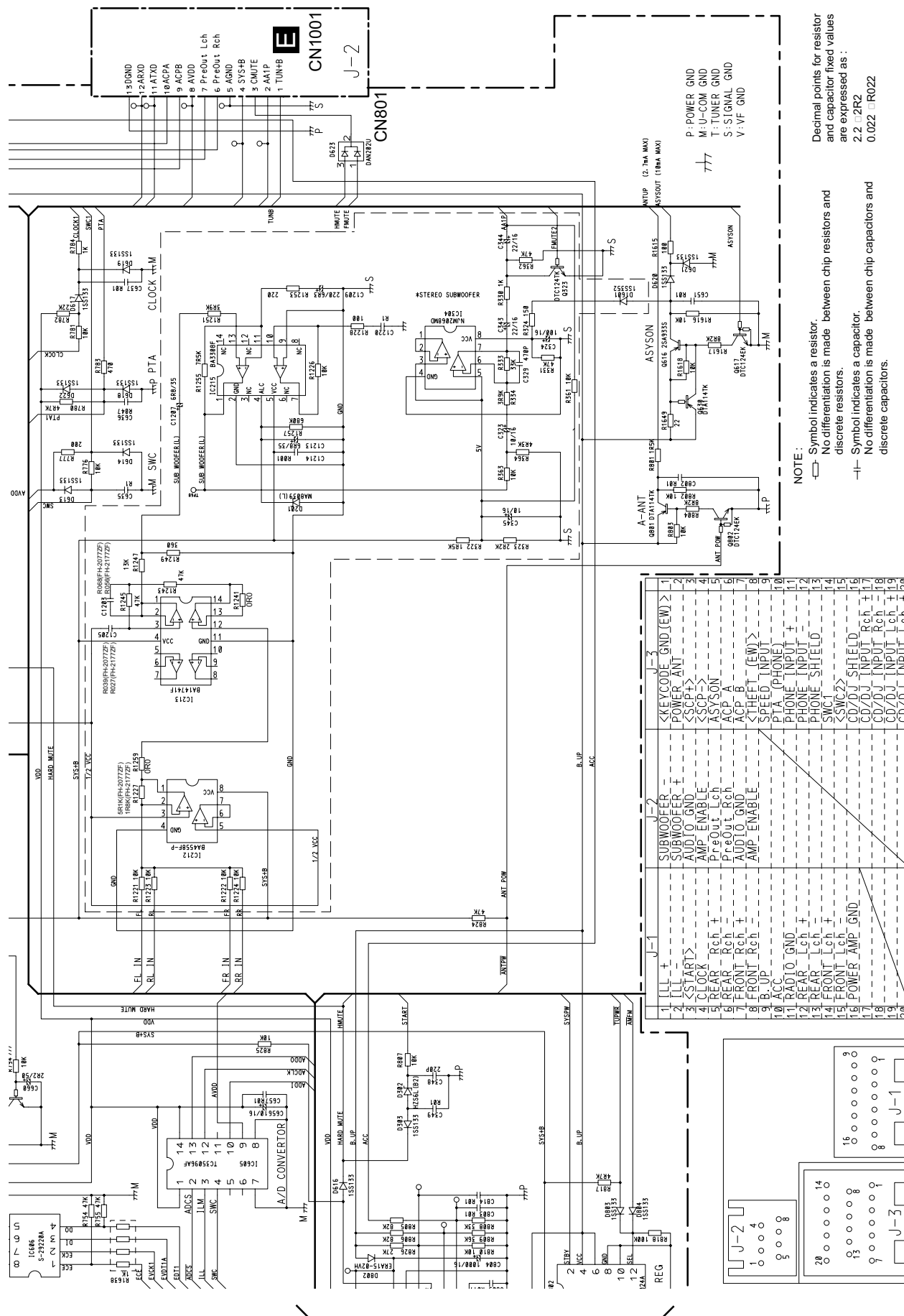


A

B


C


D



Decimal points for resistor and capacitor fixed values are expressed as :

2.2 \square 2R2
0.022 \square R022

 Symbol indicates a resistor.
 No differentiation is made between chip resistors and discrete resistors.

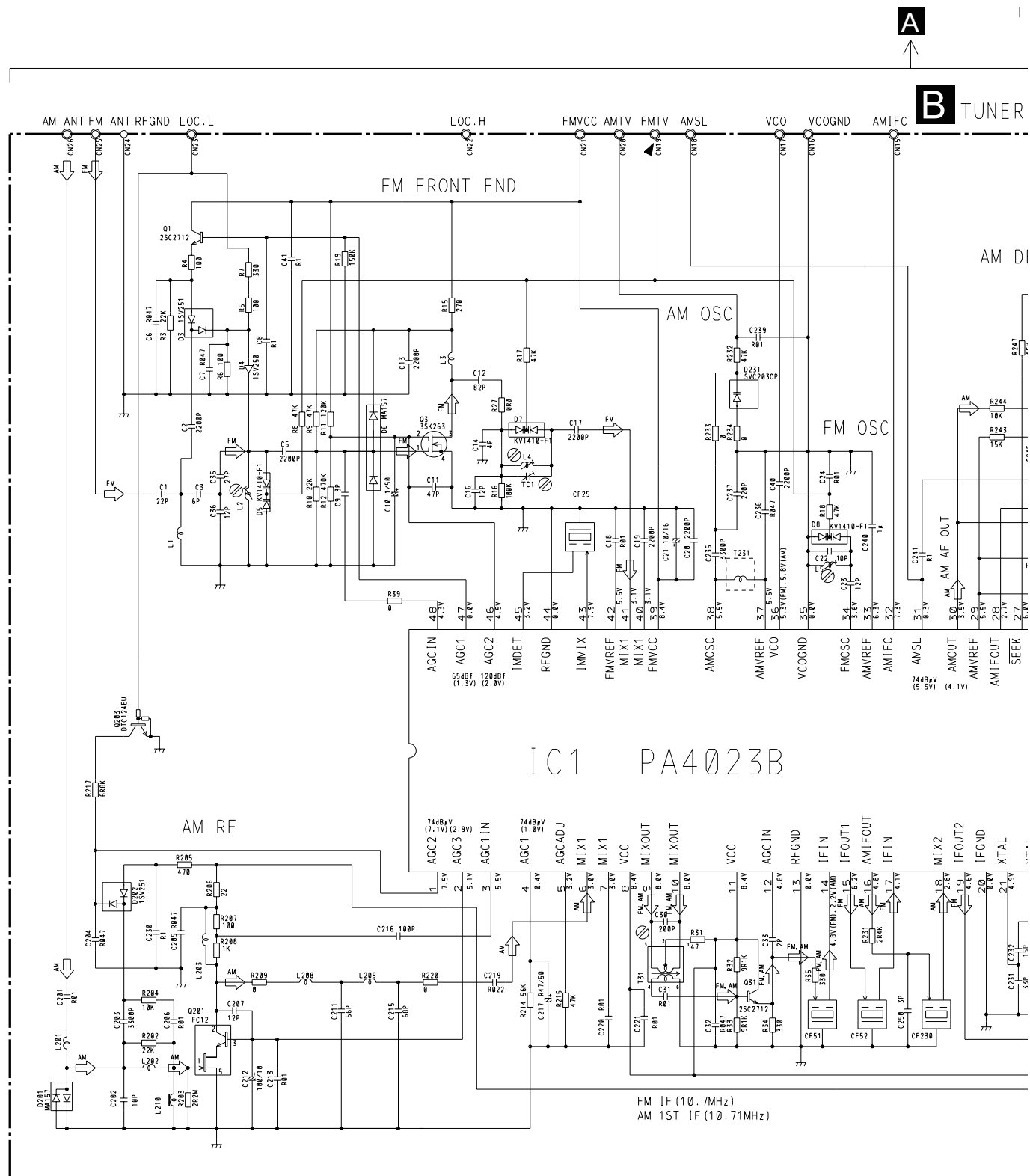
 Symbol indicates a capacitor.
 No differentiation is made between chip capacitors and discrete capacitors.

A-a A-b

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A-b

TUNER UNIT



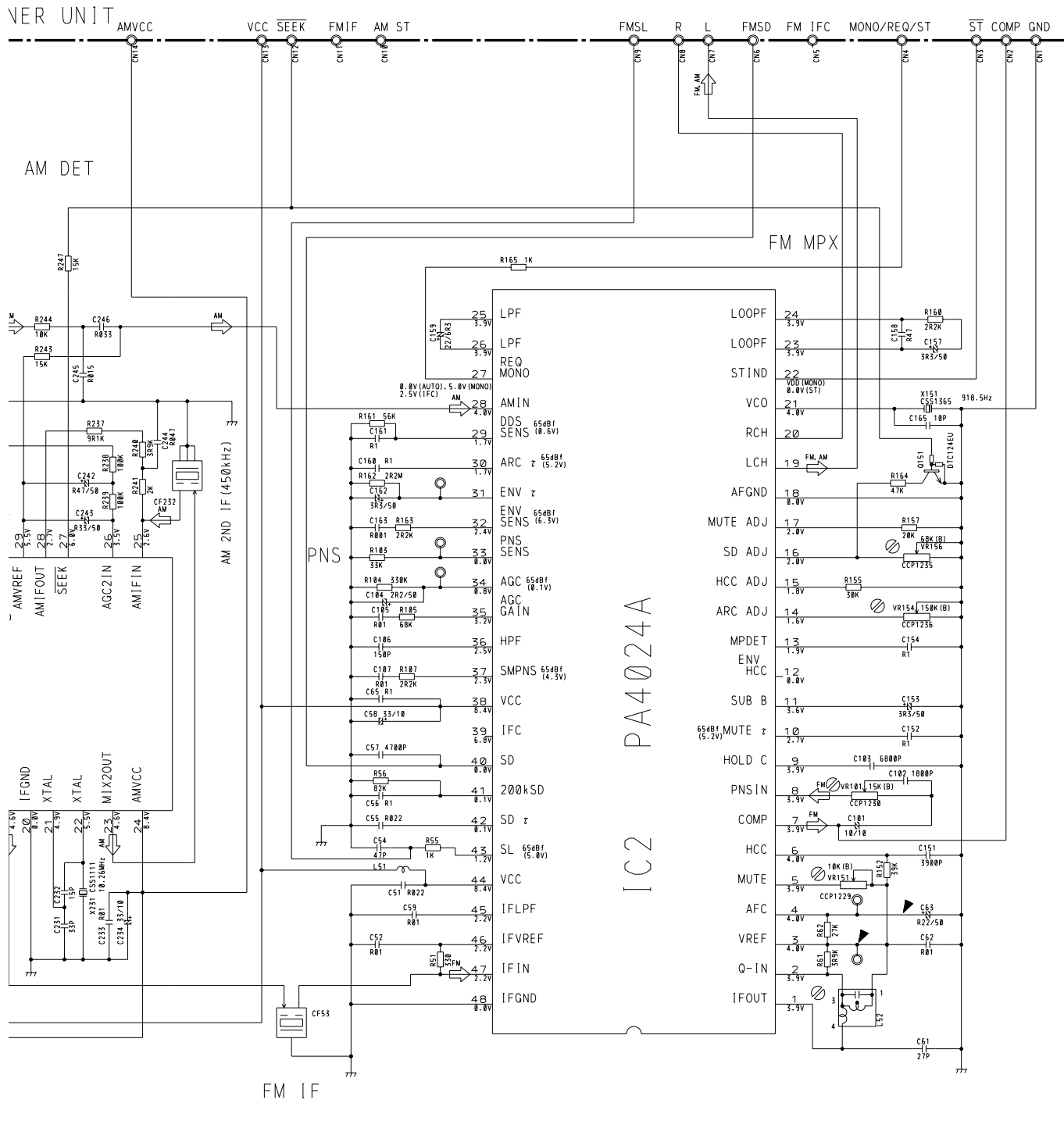
B

2

3

4

A

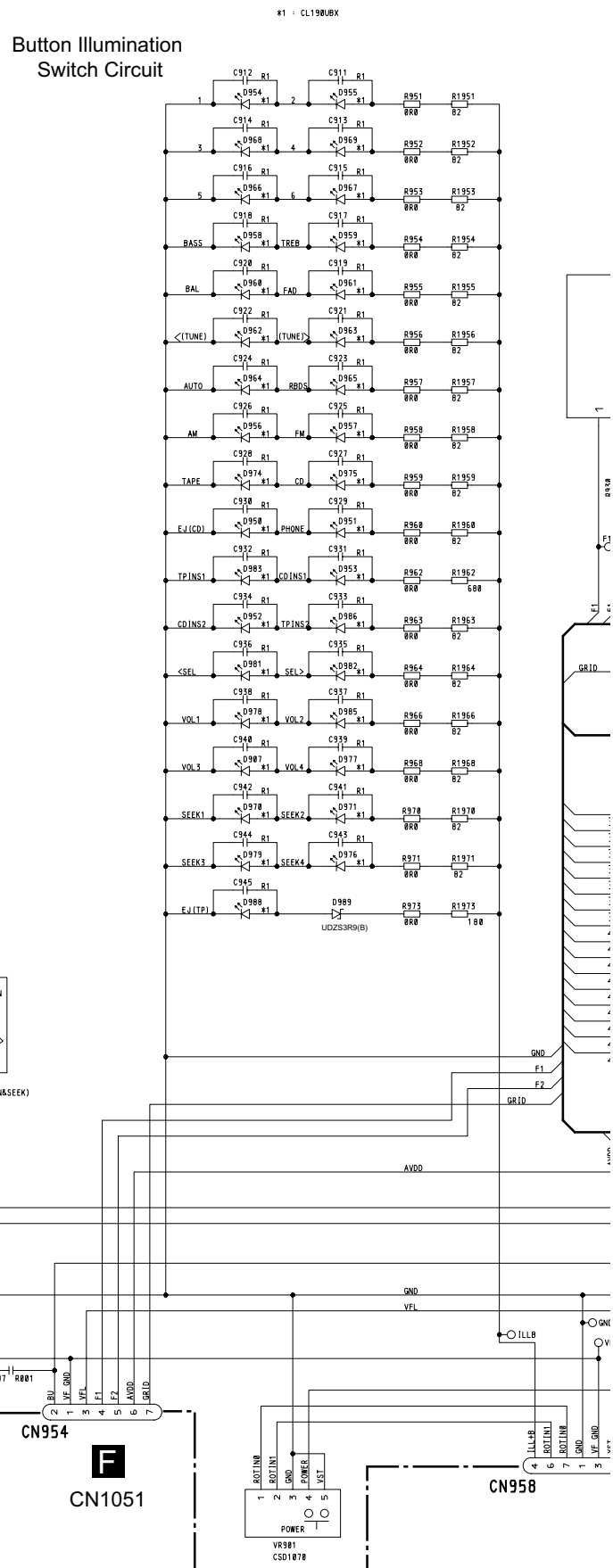
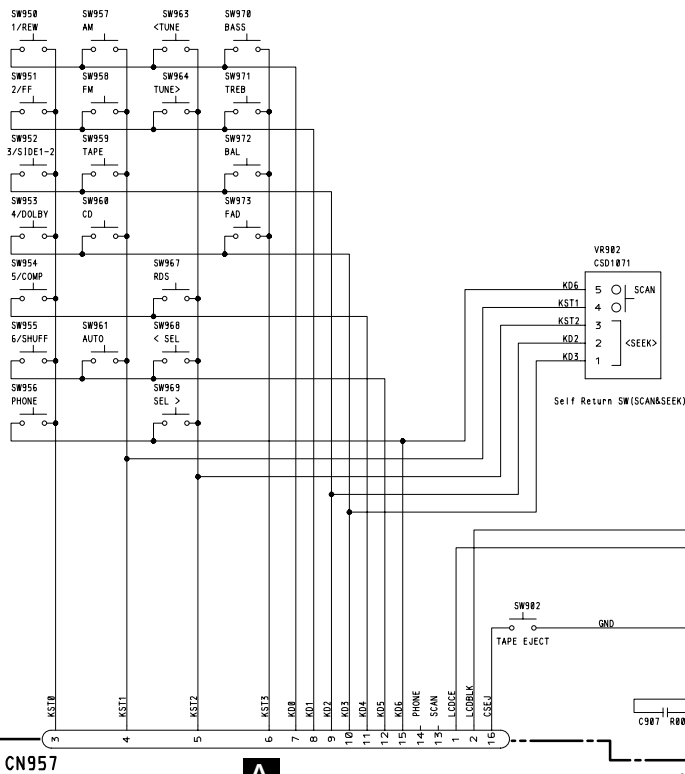


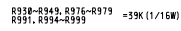
KEYBOARD UNIT

Button Illumination
Switch Circuit

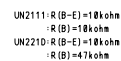
C KEYBOARD UNIT

Key Matrix Circuit





Anode Signal Waveform Grid Signal Waveform

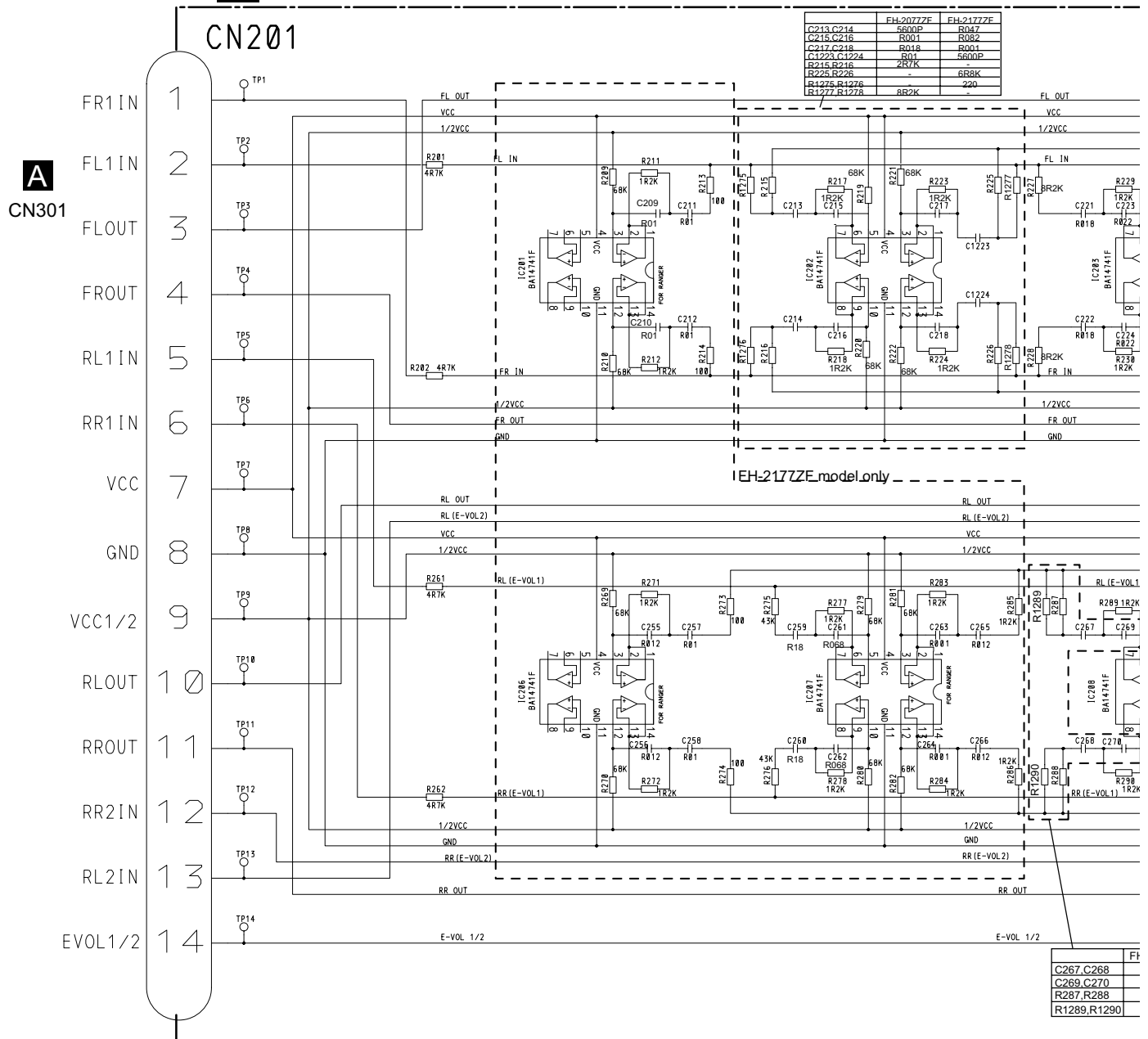


CN952

C

EQ PCB

D EQ PCB

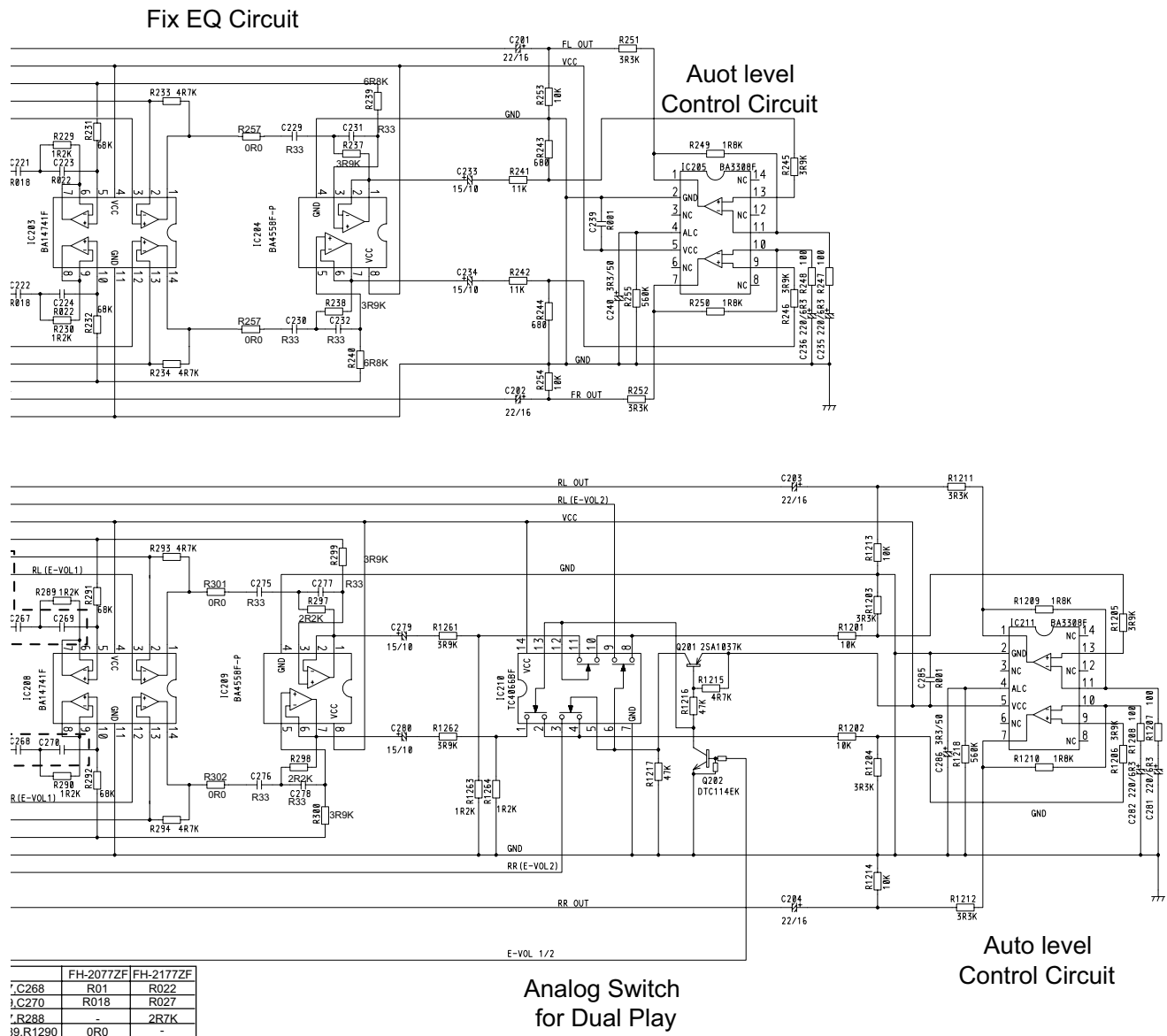


COMPOUND UNIT

Consists of	
EQ PCB	
CONNECTOR PCB	
VF SUB PCB	

D

A

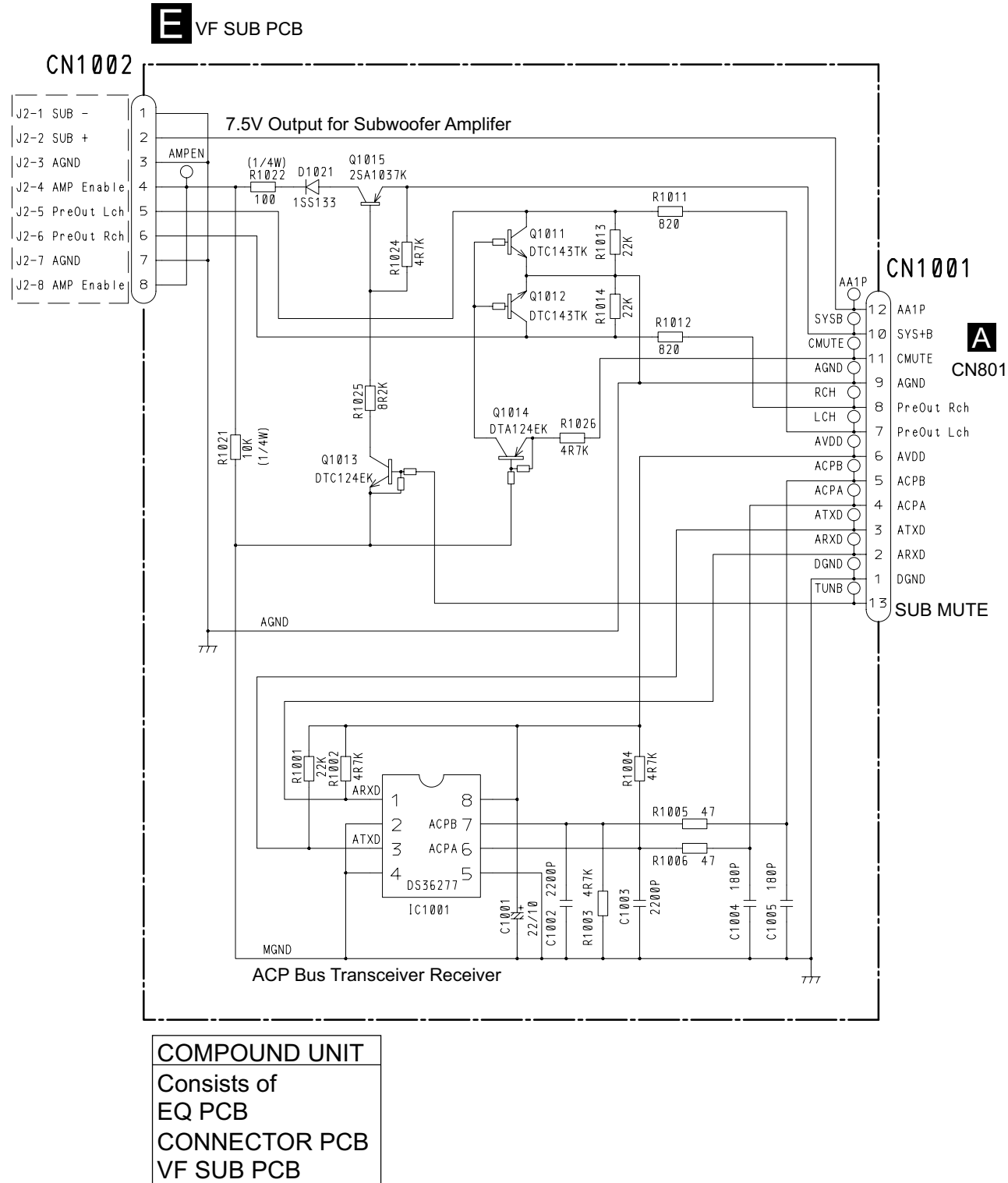


B

C

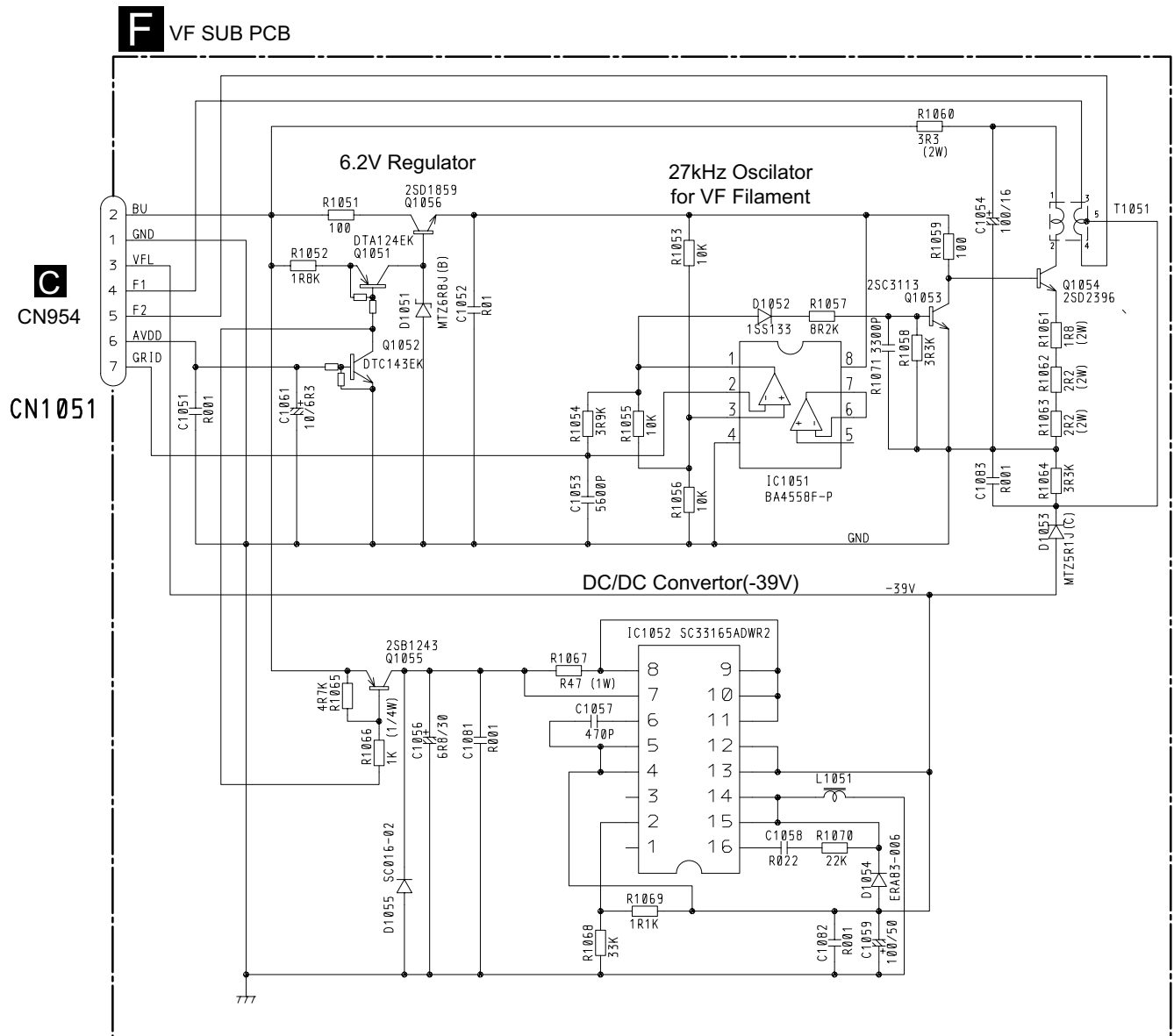
D

CONNECTOR PCB



VF SUB PCB

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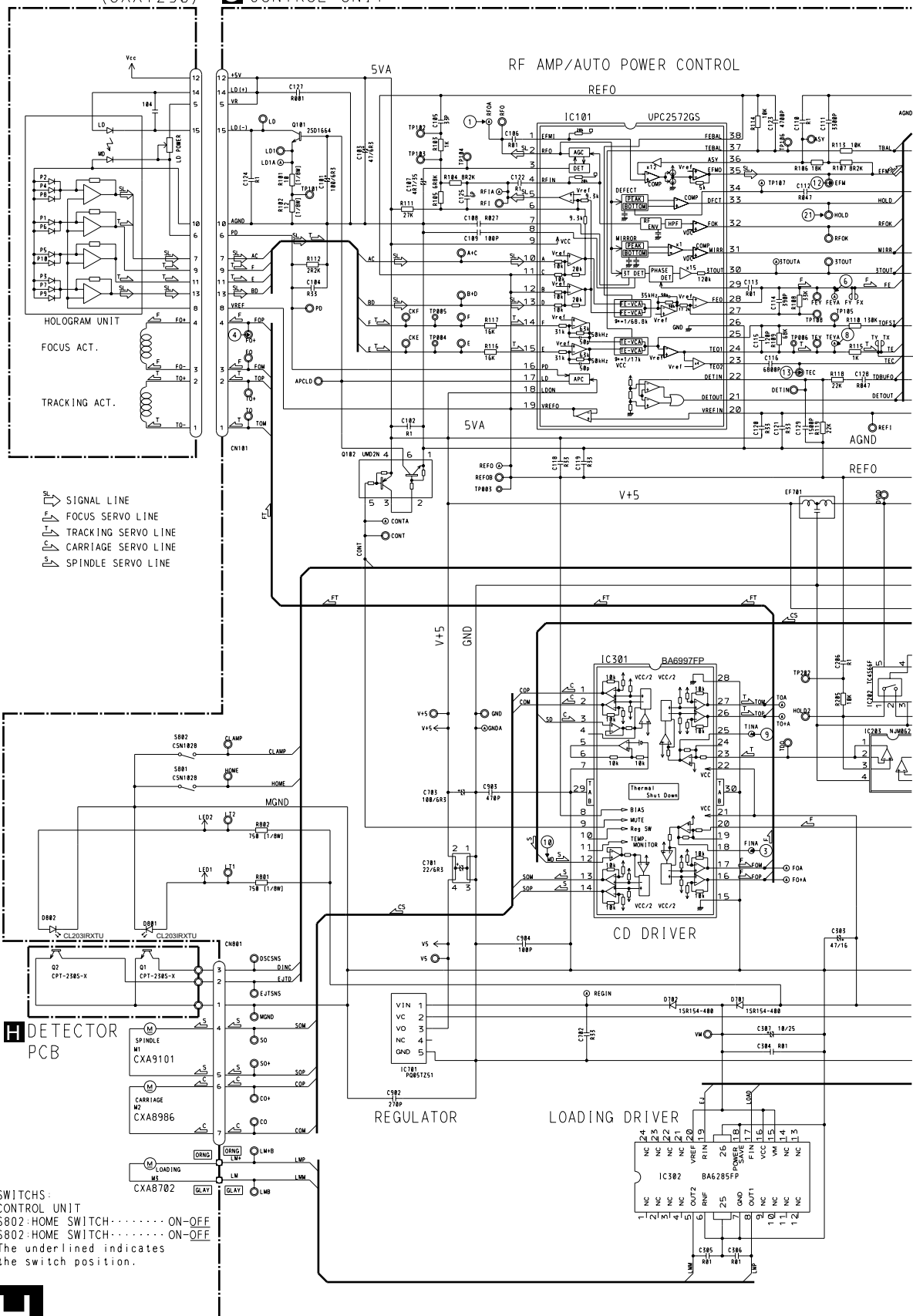


CD MECHANISM MODULE

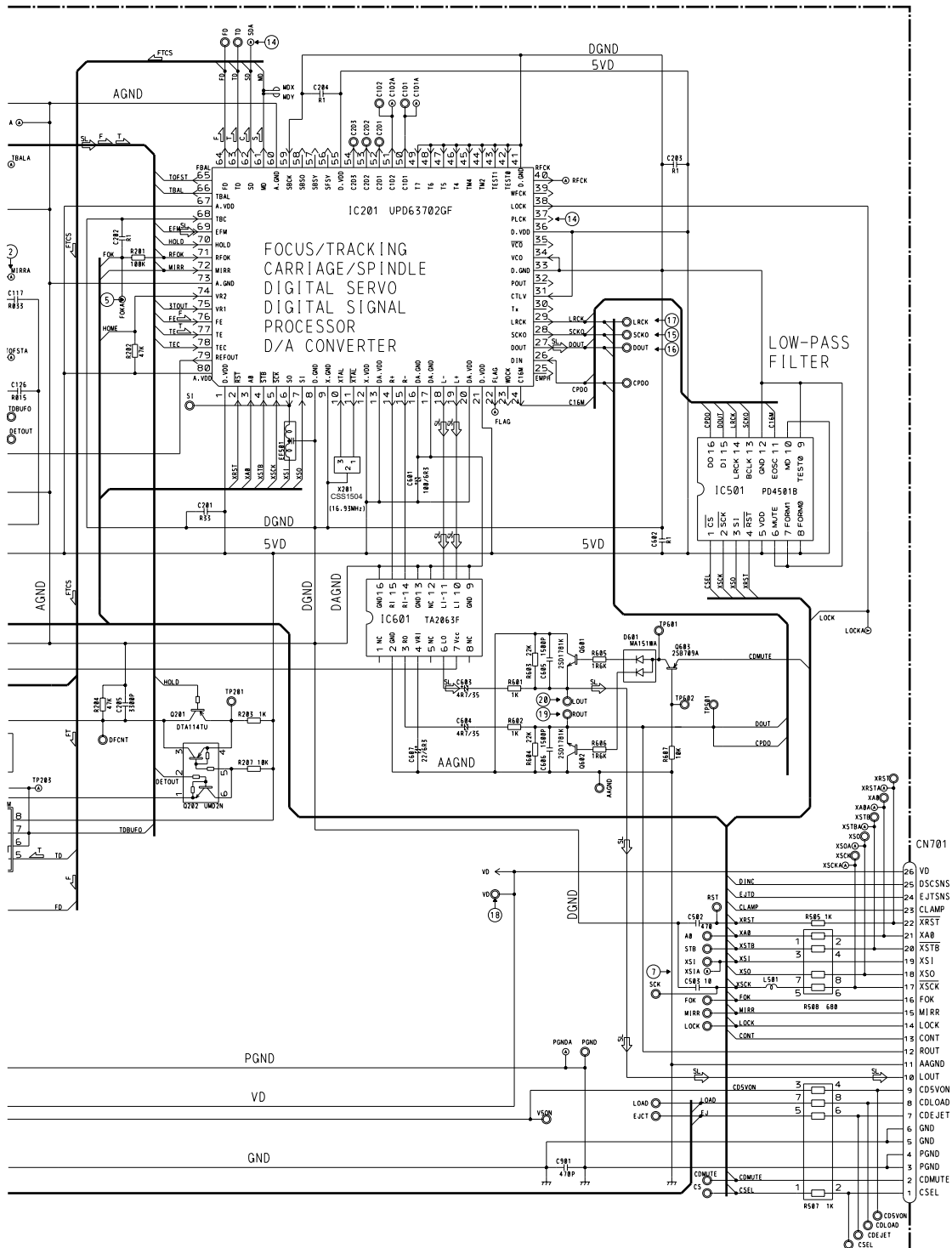
SERVICE PICKUP UNIT
(CXX1230)

G CONTROL UNIT

G-a



G-b

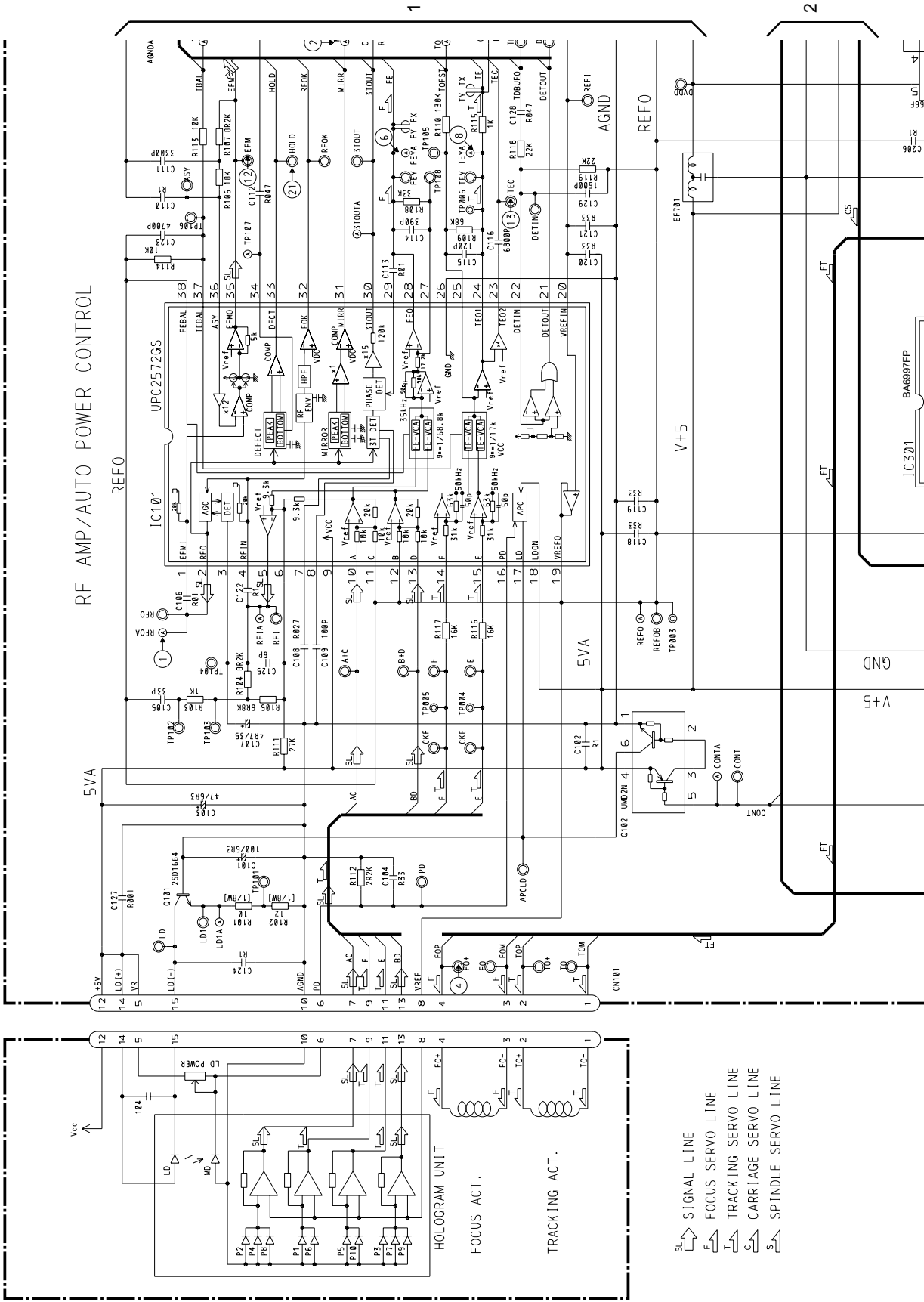


G

G-a G-b

SERVICE PICKUP UNIT
(CXX1230)

G-a





H G-a

	G-a	G-b
1	0.00	0.00
2	0.00	0.00
3	0.00	0.00
4	0.00	0.00
5	0.00	0.00
6	0.00	0.00
7	0.00	0.00
8	0.00	0.00
9	0.00	0.00
10	0.00	0.00
11	0.00	0.00
12	0.00	0.00
13	0.00	0.00
14	0.00	0.00
15	0.00	0.00
16	0.00	0.00
17	0.00	0.00
18	0.00	0.00
19	0.00	0.00
20	0.00	0.00
21	0.00	0.00
22	0.00	0.00
23	0.00	0.00
24	0.00	0.00
25	0.00	0.00
26	0.00	0.00
27	0.00	0.00
28	0.00	0.00
29	0.00	0.00
30	0.00	0.00
31	0.00	0.00
32	0.00	0.00
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34	0.00	0.00
35	0.00	0.00
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37	0.00	0.00
38	0.00	0.00
39	0.00	0.00
40	0.00	0.00
41	0.00	0.00
42	0.00	0.00
43	0.00	0.00
44	0.00	0.00
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46	0.00	0.00
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85	0.00	0.00
86	0.00	0.00
87	0.00	0.00
88	0.00	0.00
89	0.00	0.00
90	0.00	0.00
91	0.00	0.00
92	0.00	0.00
93	0.00	0.00
94	0.00	0.00
95	0.00	0.00
96	0.00	0.00
97	0.00	0.00
98	0.00	0.00
99	0.00	0.00
100	0.00	0.00

A

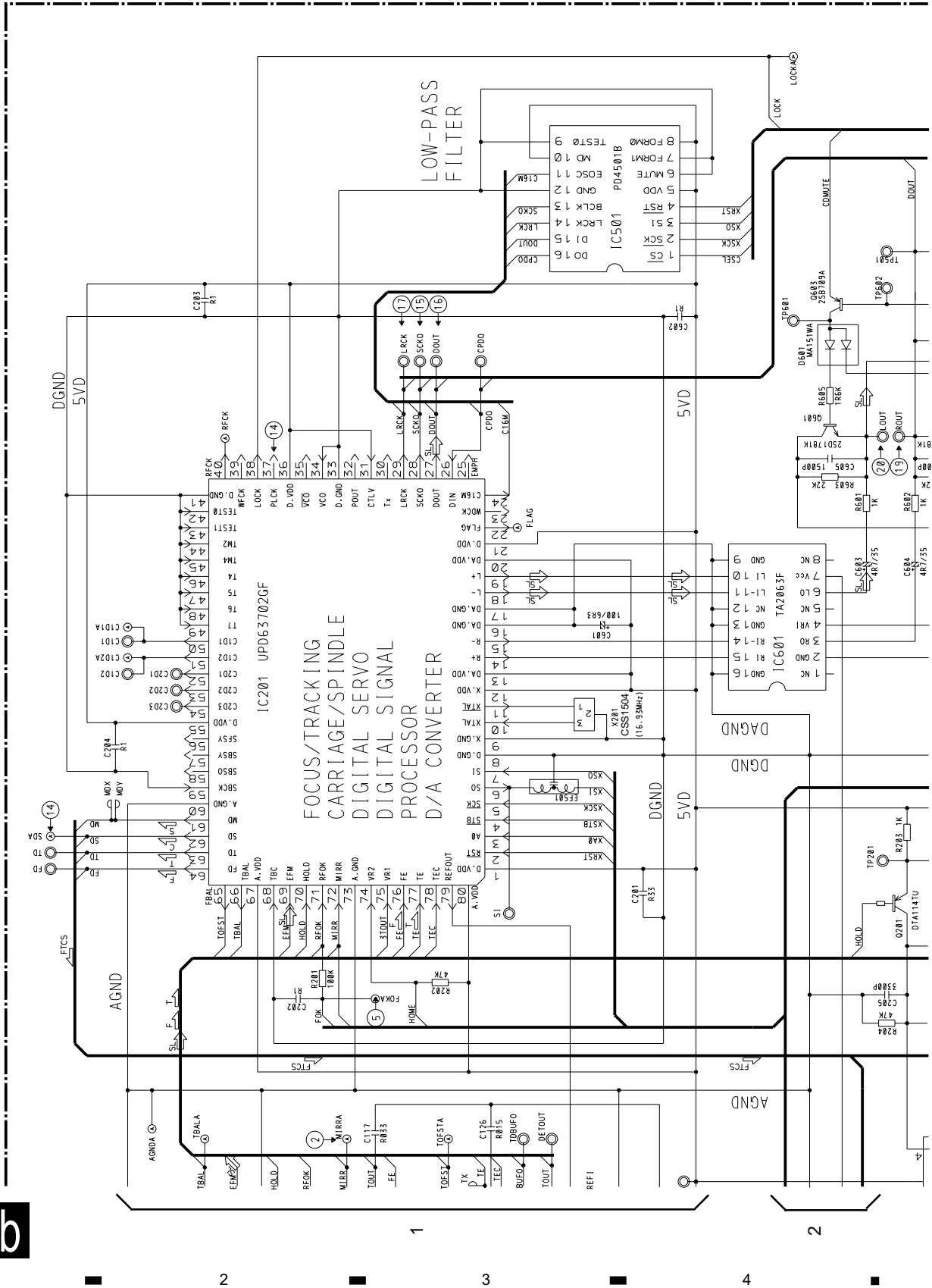
P

C

D

G-a G-b

G-b





G-a	G-b
<p>Figure 1. Schematic diagram of the experimental setup. The experimental setup consists of a laser source, a beam splitter, a lens, a mirror, and a detector. The laser source emits a beam of light that is split into two paths by the beam splitter. One path goes through a lens and a mirror, and the other path goes through a lens and a detector. The two paths are recombined by the beam splitter, and the resulting beam is detected by the detector.</p>	<p>Figure 2. Schematic diagram of the experimental setup. The experimental setup consists of a laser source, a beam splitter, a lens, a mirror, and a detector. The laser source emits a beam of light that is split into two paths by the beam splitter. One path goes through a lens and a mirror, and the other path goes through a lens and a detector. The two paths are recombined by the beam splitter, and the resulting beam is detected by the detector.</p>

D