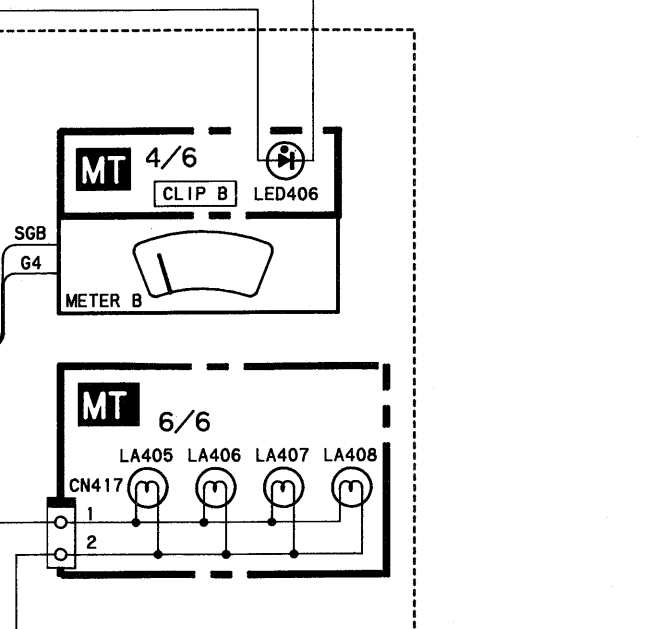
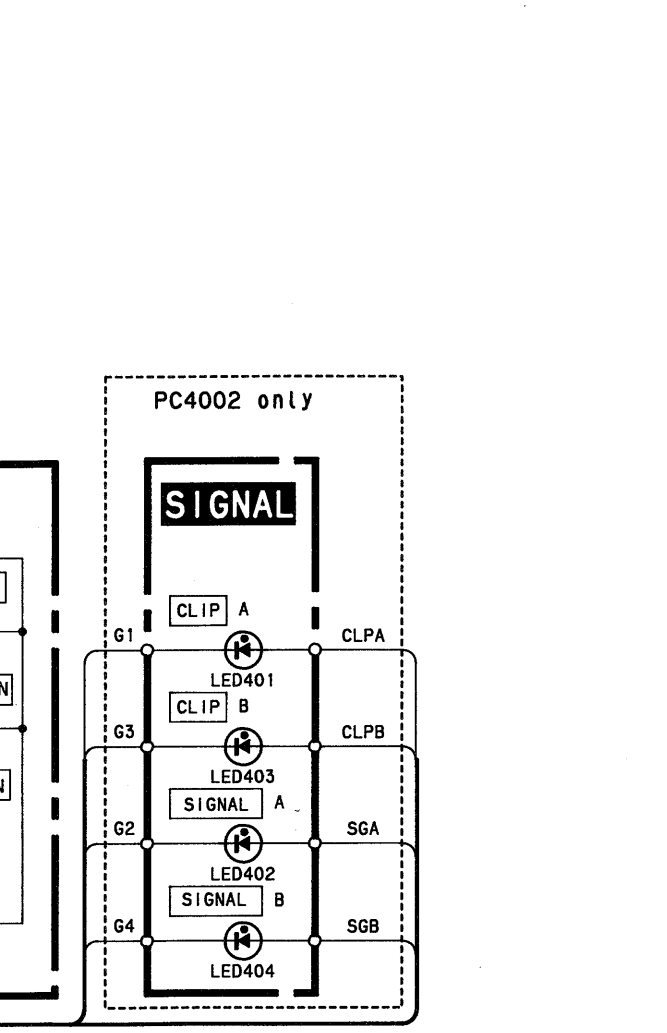
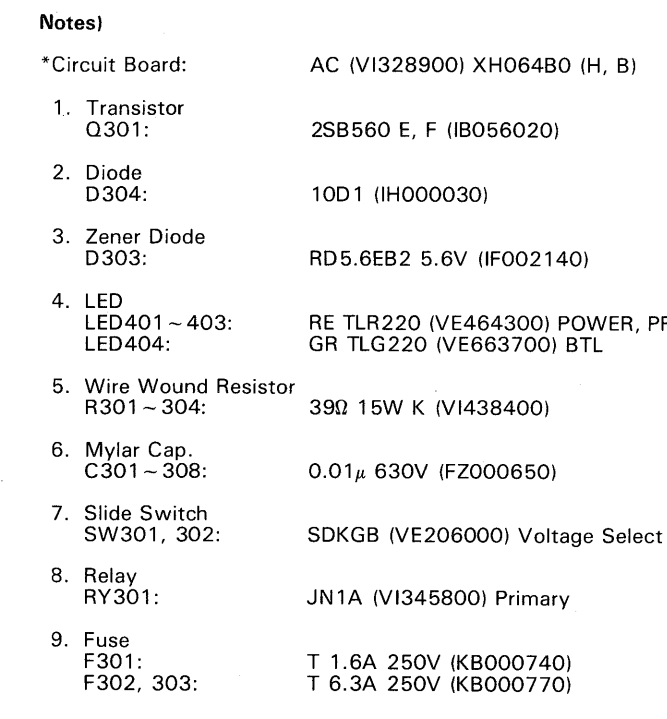
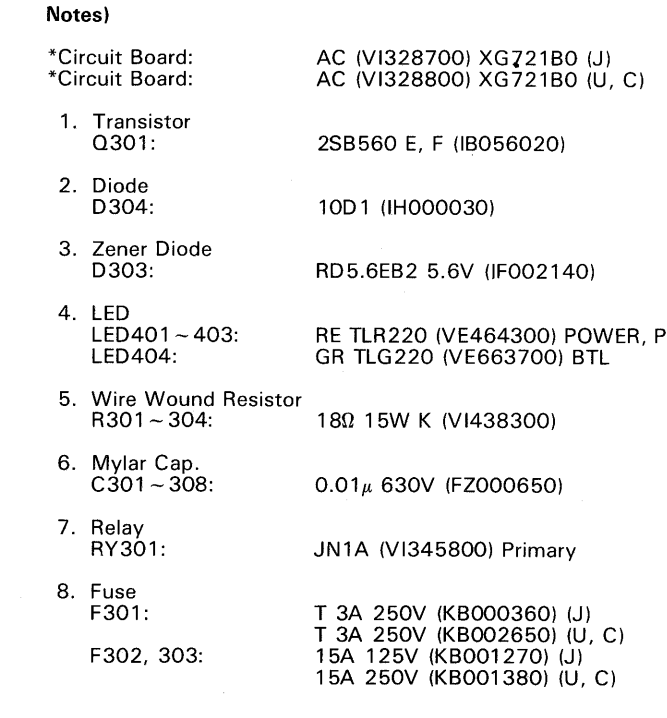
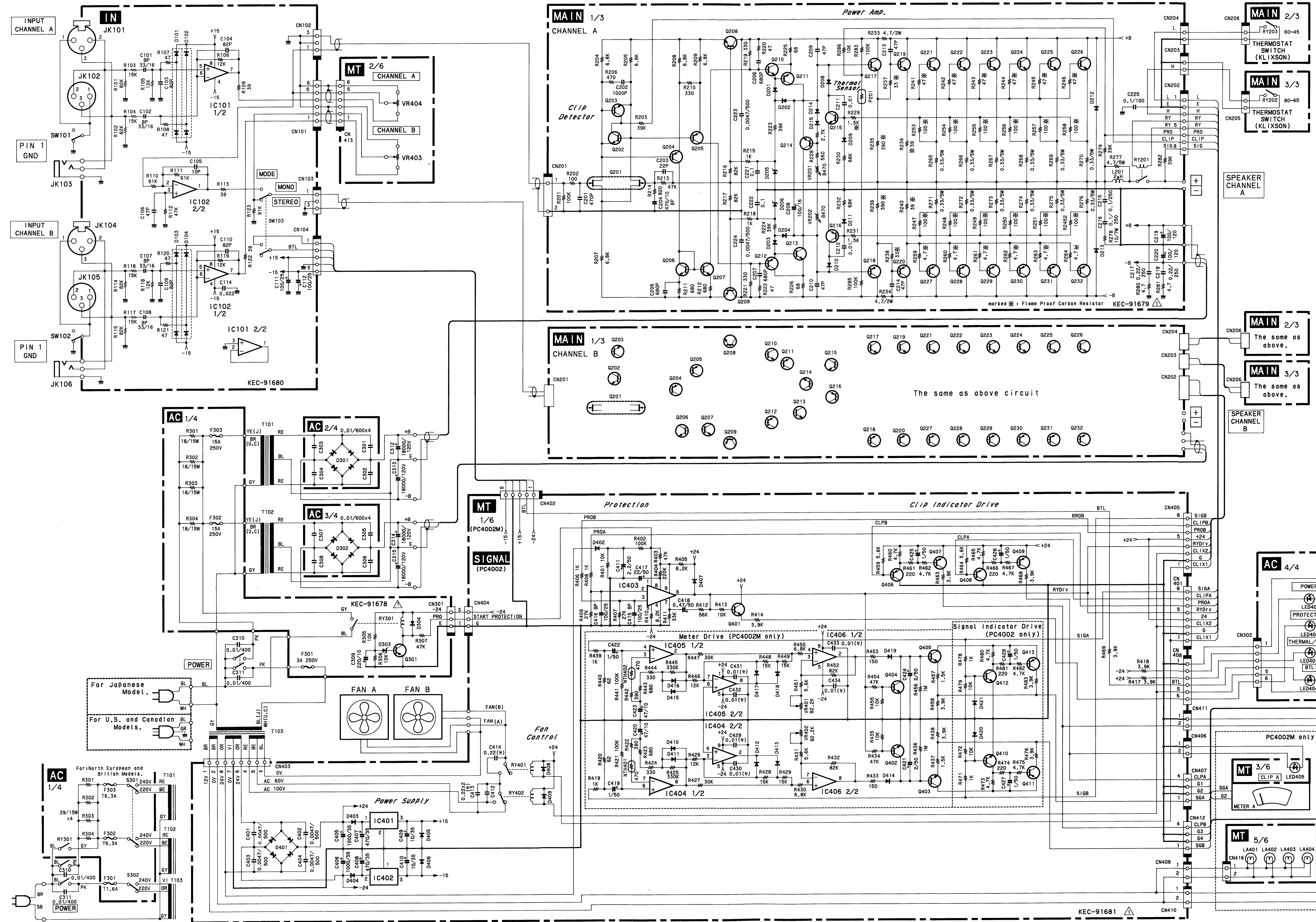
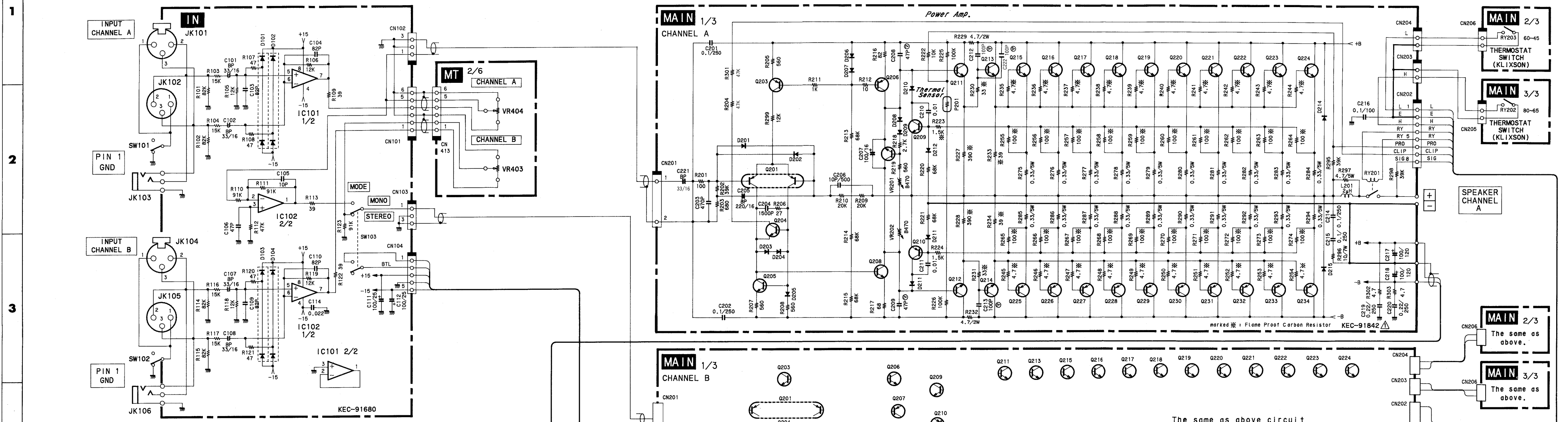


PC4002/PC4002M OVERALL CIRCUIT DIAGRAM



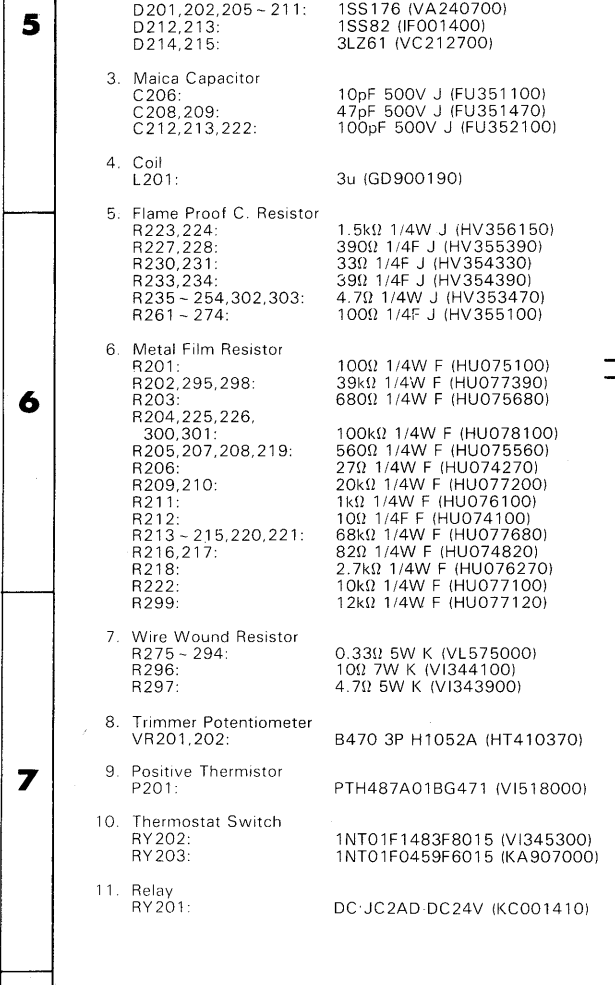
- Notes**
- \*Circuit Board: MAIN (V1328200) XG720B0
  - 1. Transistor Q202, 203, 206, 207, 210, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

PC4002M STUDIO SCHEMATIC DIAGRAM

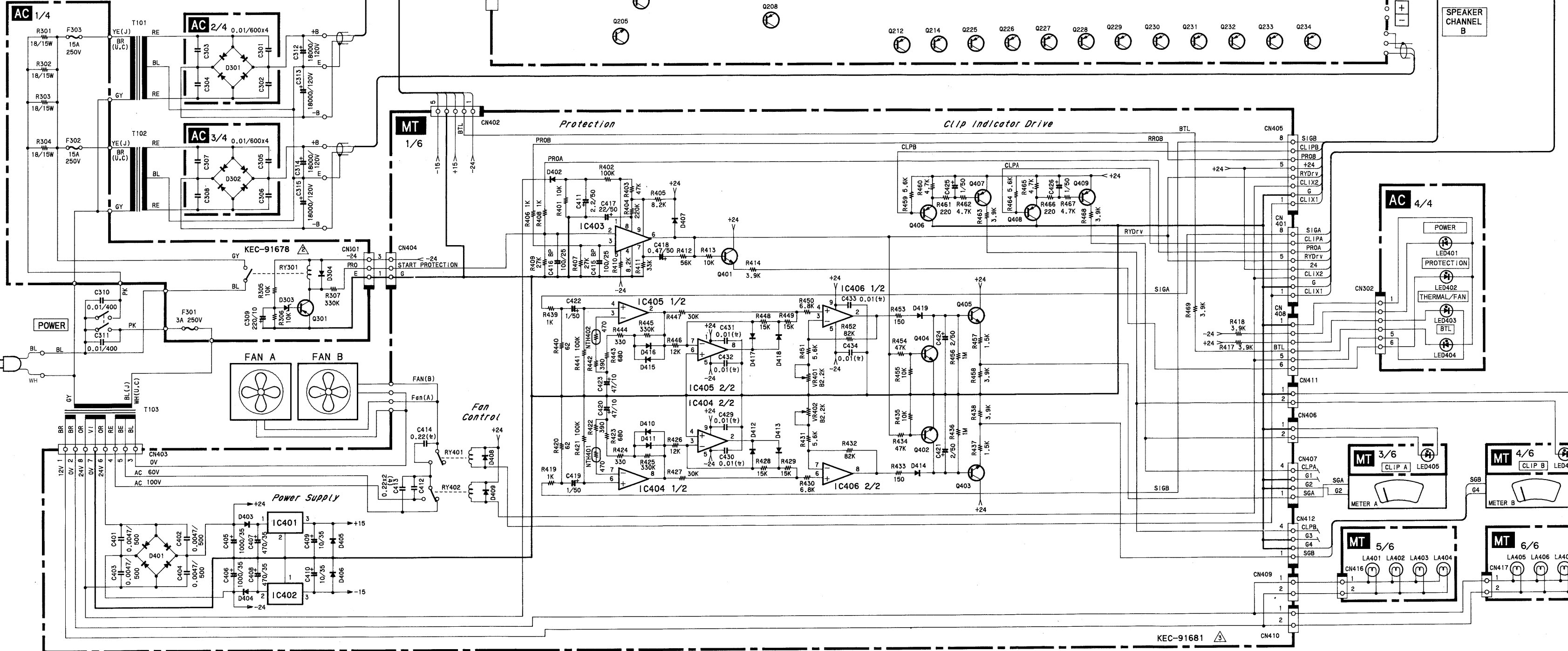


Notes)  
Circuit Board: MAIN (VL563600)

- Transistor: Q201: 2SA1240 (VL569500), Q203,210: 2SA970 GR (IA097020), Q204,205,209: 2SC2240 GR (IC224020), Q206,212: 2SA1546 (IX805240), Q207: 2SC3423 O.V (VA107000), Q208,211: 2SC4001 (IX805250), Q213: 2SC2336B (IX805230), Q214: 2SA1006B (IX805220), Q215-224: 2SC3263 (IX805210), Q225-234: 2SA1294 (IX805200)
- Diode: D201,202,205-211: 1SS176 (VA240700), D212,213: 1SS82 (IF001400), D214,215: 3LZ61 (VC212700)
- Micro Capacitor: C208: 10pF 500V J (FU351100), C209,209: 47pF 500V J (FU351470), C212,213,222: 100pF 500V J (FU352100)
- Coil: L201: 3u (GD900190)
- Flame Proof C. Resistor: R223,224: 1.5kΩ 1/4W J (HV356150), R227,228: 390Ω 1/4F J (HV355390), R230,231: 33Ω 1/4F J (HV354330), R233,234: 230Ω 1/4F J (HV354390), R235-254,302,303: 4.7Ω 1/4W J (HV353470), R261-274: 100Ω 1/4F J (HV355100)
- Metal Film Resistor: R201: 100Ω 1/4W F (HU075100), R202,295,298: 39kΩ 1/4W F (HU077390), R203: 680Ω 1/4W F (HU075680), R204,225,226,300,301: 100kΩ 1/4W F (HU078100), R205,207,208,219: 560Ω 1/4W F (HU075560), R206: 27Ω 1/4W F (HU074270), R209,210: 20kΩ 1/4W F (HU077200), R211: 1kΩ 1/4W F (HU076100), R212: 100Ω 1/4F F (HU074100), R213-215,220,221: 68kΩ 1/4W F (HU077680), R216,217: 82Ω 1/4W F (HU074820), R218: 2.7kΩ 1/4W F (HU075270), R222: 10kΩ 1/4W F (HU077100), R299: 12kΩ 1/4W F (HU077120)
- Wire Wound Resistor: R275-294: 0.33Ω 5W K (VL575000), R296: 10Ω 7W K (V134100), R297: 4.7Ω 5W K (V1343900)
- Trimmer Potentiometer: VR201,202: B470 3P H1052A (HT410370)
- Positive Thermistor: P201: PTH487A1BG471 (V1518000)
- Thermostat Switch: RY202: 1NT01F1483F8015 (V1345300), RY203: 1NT01F0459F6015 (KA307000)
- Relay: RY201: DC J2CAD DC24V (KC001410)



- Mica Cap.: C103,104,109,110: 82pF 500V J (FU351820), C105: 10pF 500V J (FU351100), C106: 47pF 500V J (FU351470)
- Slide Switch: SW101-103: SSSB14 (V1665800) PIN GND,MODE SW
- Phone Jack: JK103,106: HLJ0544 STEREO (LB302070) INPUT CH.A/B
- Meter: METER (V1329000)
- Electrolytic Cap.: C405,406: 1000µF 35V (U1959100), C407,408: 470µF 35V (VD037600)
- Mylar Cap.: C412-414: 0.22µF 250V J (V1346100)
- Ceramic Cap.: C401-404: 0.0047µ 500V M (FH223470)
- Trimmer Potentiometer: VR401,402: B2.2K 3P RHOAQU3 (HT410400) METER A/B ADJ
- Variable Resistor: VR403,404: 20K (V1366900) Input Att.A/B
- Thermistor: NTH501,402: NTH5D 470-3500 (V1345700)
- Relay: RY401,402: JEX1A (V1518100) FAN CONTROL



- Transistor: Q301: 2SB560-MP E,F (IB056000)
- Diode: D304: 10D1 (IH000030)
- Zener Diode: D303: RD5.6B2 5.6V (IF002140)
- LED: LED401-403: TLR220 RE (VE464300) POWER,PROTECTION, THERMAL FAN, LED404: TLG220 GR (VE663700) BTL
- Mylar Cap.: C301-308: 0.01µF 630V M (FZ000650)
- Wire Wound Resistor: R301-304: 18Ω 15W K (V1438300)
- Fuse: F301: T 3A 250V (KB000360)
- Relay: RY301: JM1AV (VK769100) PRIMARY