

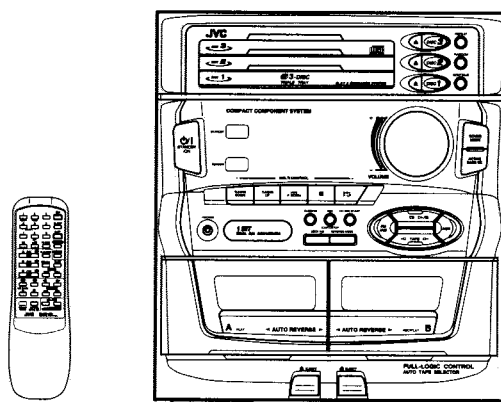
JVC

SERVICE MANUAL

COMPACT COMPONENT SYSTEM

MX-D401T

COMPACT
disc
DIGITAL AUDIO



Area Suffix

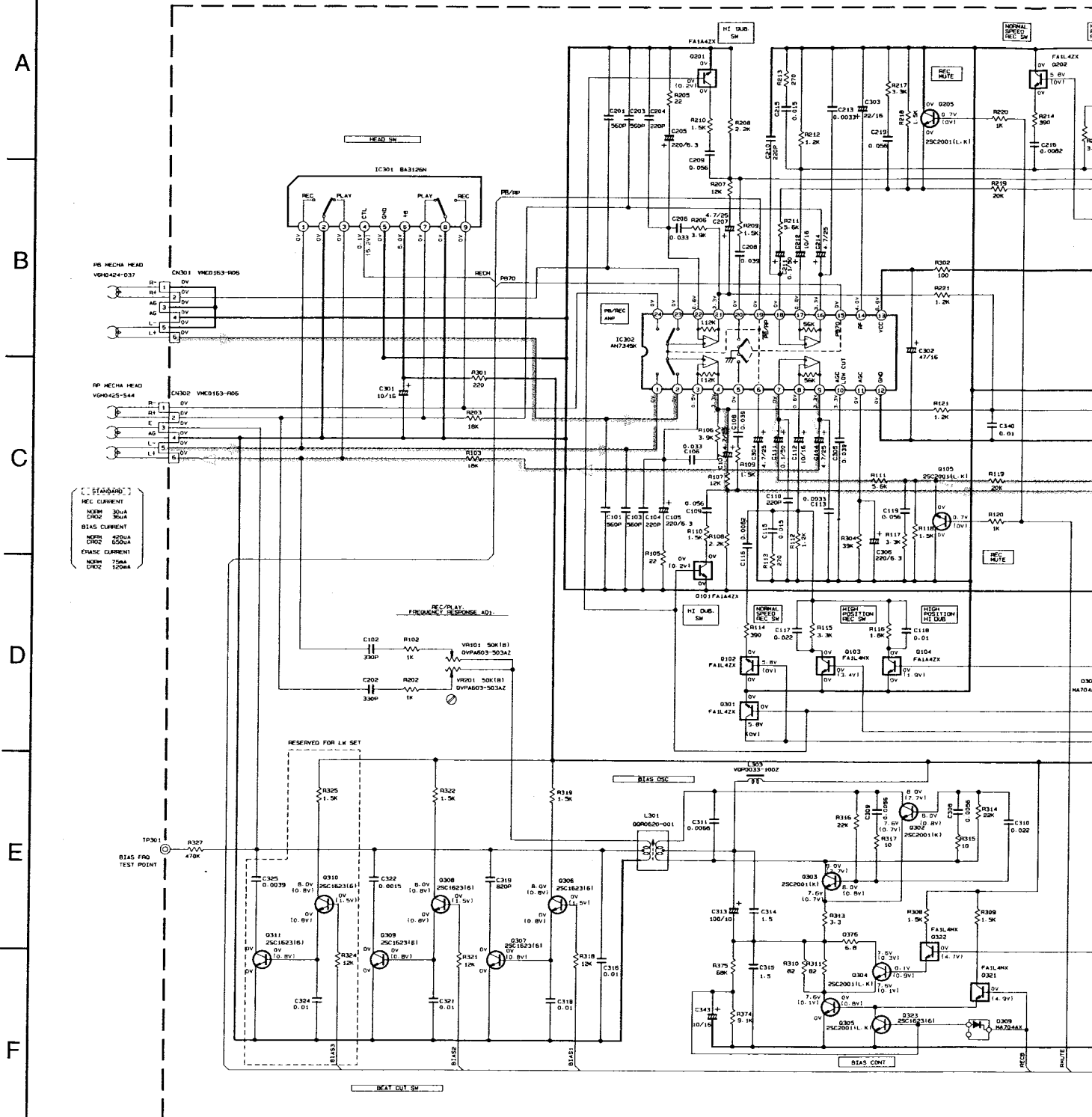
A	Australia
B	U.K.
C	Canada
E	Continental Europe
EN	North Europe
G	Germany
J	U.S.A.
UB	Hong.Kong
UP	Korea
US	Singapore
UT	Formosa
U	Other Areas
VX	Eastern Europe

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11. Standard Schematic Diagram

■ Head Amplifier & Mechanism Control Circuit : Drawing No. VDH1033-001PV



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. 1) IS INVERT MODE
2. UNLESS OTHERWISE SPECIFIED
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR.
ALL CAPACITANCE VALUES ARE IN μF(μF).
ALL INDUCTANCE VALUES ARE IN mH(mH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

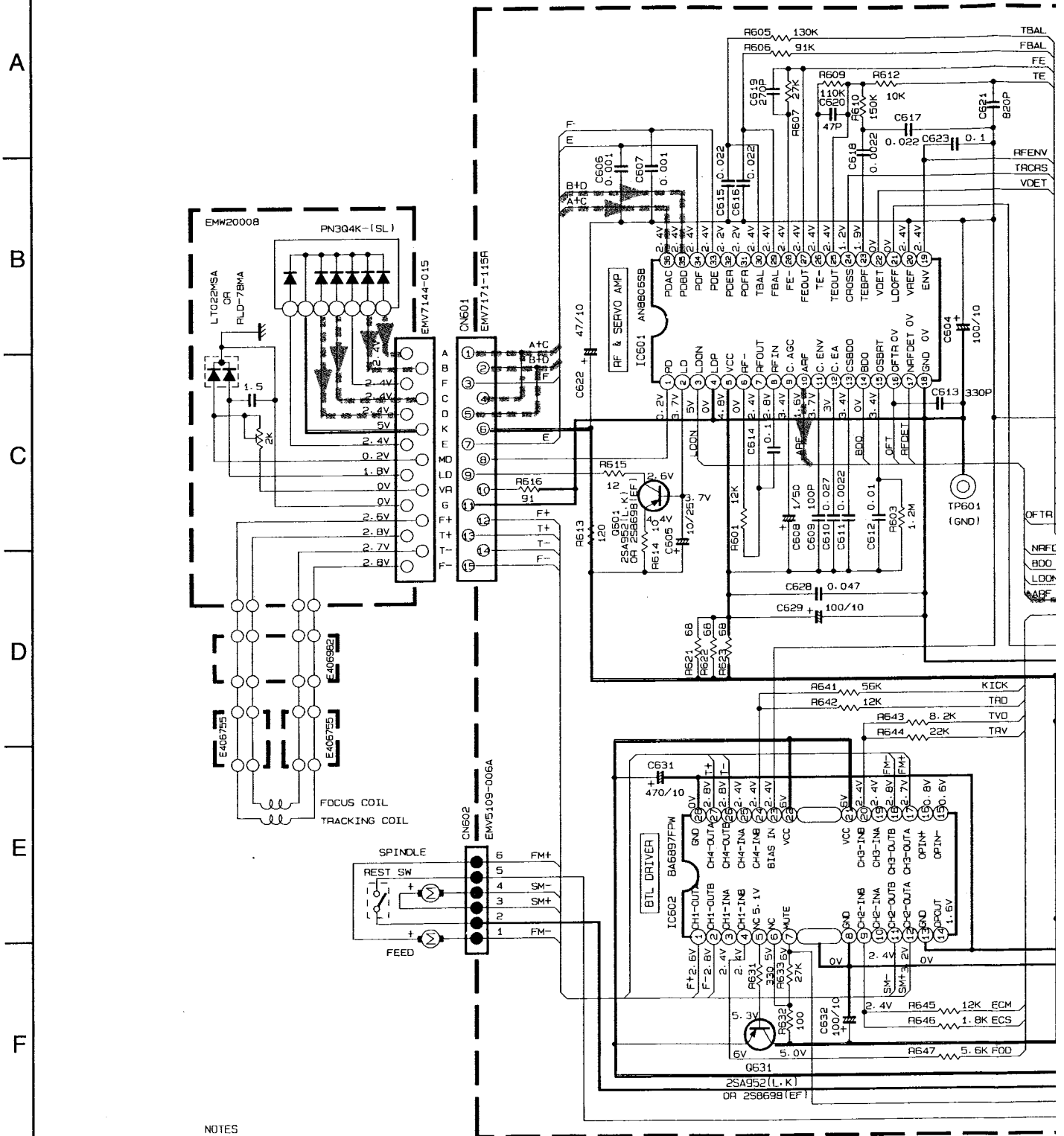
■ POLYPROPYLENE CAPACITOR

TABLE 1-DIGITAL TR LIST

PART. NO.	CONSTRUCTION	REF. NO.
FA144H		Q316
FA144Z		Q101/Q201
FA144Z		Q104/Q204
FA144Z		Q102/Q202
		Q317
		Q103/Q203
		Q319
		Q320/Q321/Q322



■ CD Servo Control Circuit : Drawing No.FMDH9002-001CW




1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
2. UNLESS OTHERWISE SPECIFIED, RESISTORS ARE 1/8W $\pm 5\%$ CARBON RESISTOR.
- ALL RESISTANCE VALUES ARE IN OHM(Ω).
- ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
- ALL CAPACITANCE VALUES ARE IN μ FIP μ F.
- ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F)/RATED VOLTAGE (V).

Note : FMDH9002001CW(/s/g/)

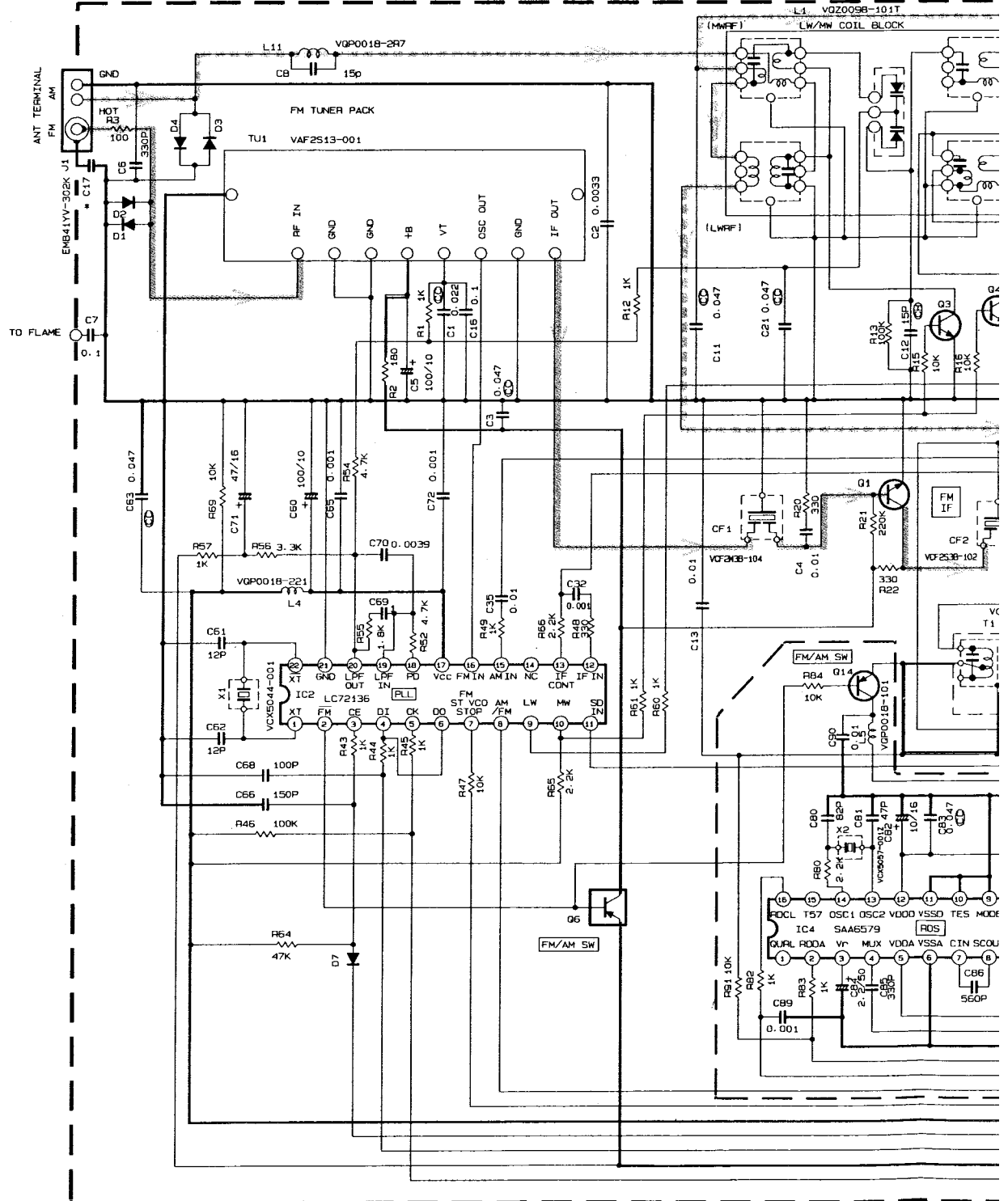
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063

CD Analogue signal

 +B Line



■ Tuner Circuit : Drawing No.FMDH9002-005TW (B/E/EN/G Version)



* MARK

MODEL	CA-D301T	CA-D401T	CA-D501T
LOC.	CA-D351TR	CA-D451TR	CA-D551TR
C17	0.01	0.001	0.001

	CONDITION	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL		2.0	0.5	0	2.0	5.2	5.2	0	0	0.2	5.2	5.2	1.0	1.0	4.6	3.8	3.8	1.4	0	1.3	1.1	2.0	2.0	5.2	2.0
	FM 60dB STEREO		2.0	0.5	0	2.0	5.2	5.2	1.1	0	0.2	0	0	1.0	1.0	4.5	4.1	3.9	1.4	0	1.2	1.1	2.0	2.0	5.2	2.0
	AM NO SIGNAL		2.0	0.5	0	2.0	5.0	5.2	0	0	0.2	5.2	5.2	1.0	1.0	4.8	2.2	0	1.4	1.4	1.5	1.6	2.0	2.0	5.2	2.0
IC2	FM NO SIGNAL		2.7	0	0	4.9	4.9	4.9	3.8	3.8	2.0	4.1	5.2	0	0	0	0	2.6	5.2	1.0	1.0	3.7	0	2.7		

Tr. NO.	PIN NO.	E
FM 87.5MHz NO SIGNAL	0	
AM 520kHz NO SIGNAL	0	
Tr. NO.	PIN NO.	E
AM 520kHz NO SIGNAL	2.0	
AM 144kHz NO SIGNAL	2.0	

Note : FMDH9002005TW(/s/g)

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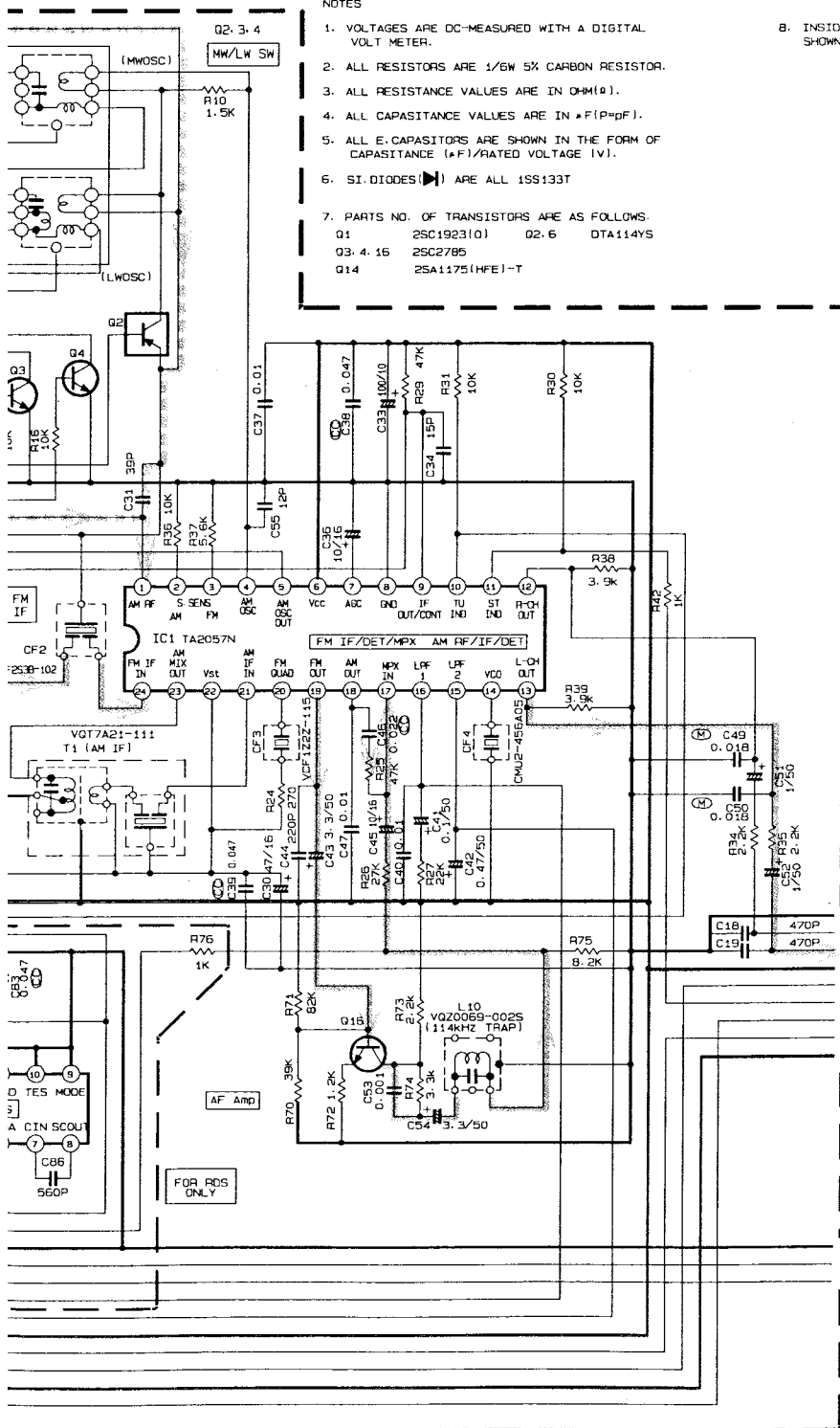
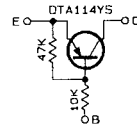
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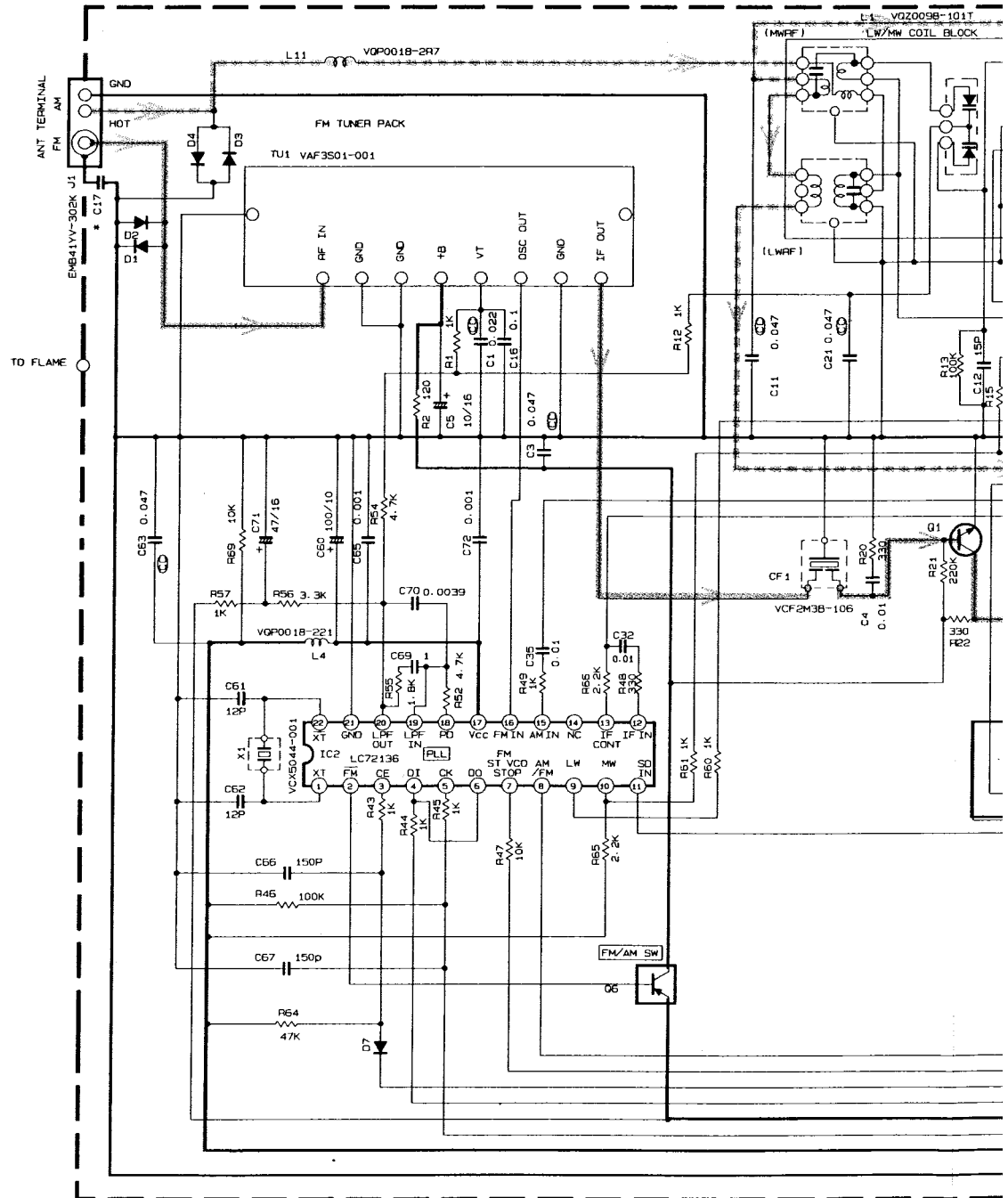
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. ALL RESISTORS ARE 1/8W 5% CARBON RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω).
4. ALL CAPACITANCE VALUES ARE IN μ F(P=pF).
5. ALL E. CAPASITORS ARE SHOWN IN THE FORM OF CAPASITANCE (μ F)/RATED VOLTAGE (V).
6. SI. DIODES ARE ALL 1SS133T
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS:
Q1 2SC1923(01) Q2,6 DTA114YS
Q3,4,15 2SC2785
Q14 2SA1175(HFE)-T

8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS:



■ Tuner Circuit : Drawing No.FMDH9002-012TW (VX Version)



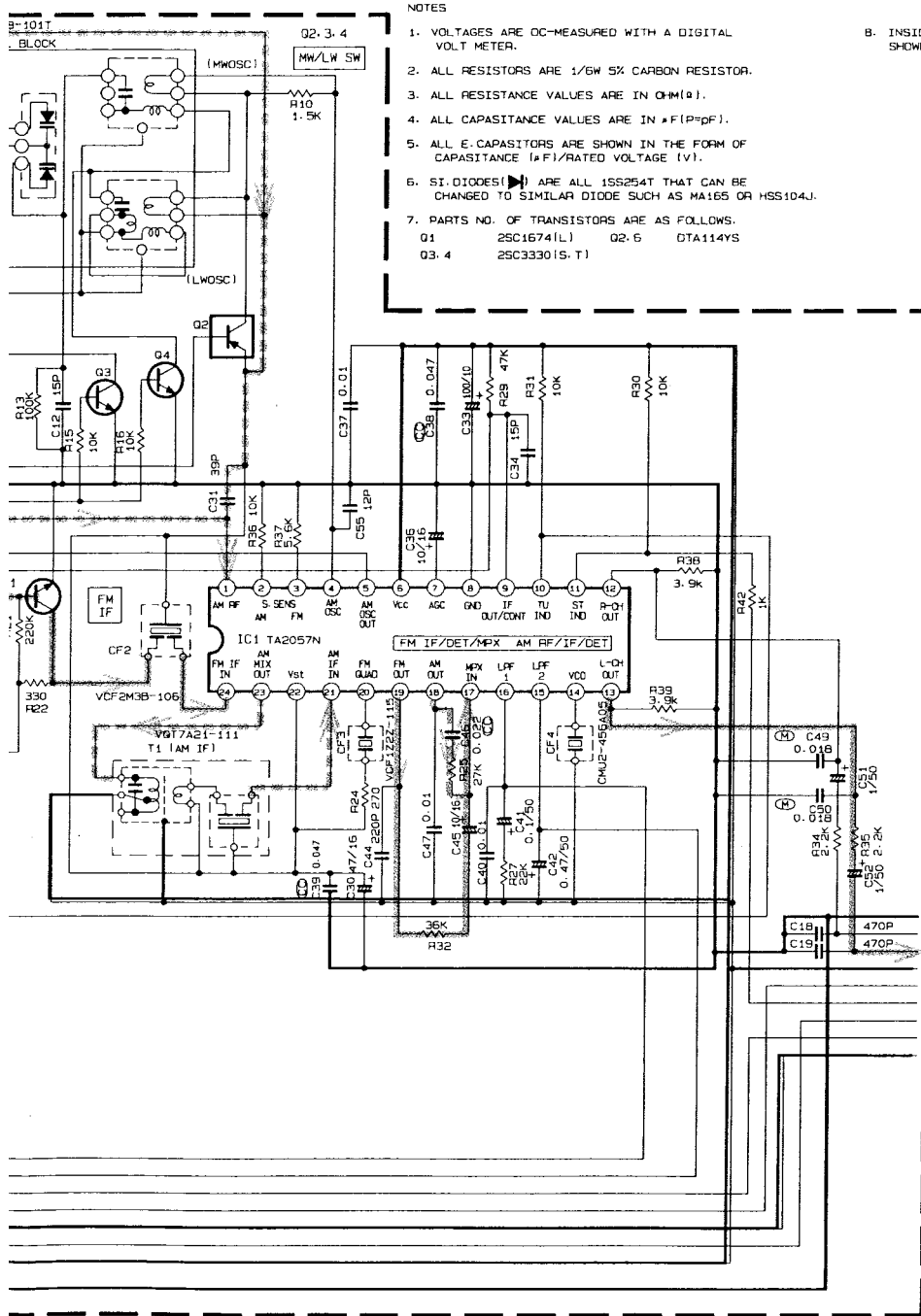
CONDITION	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.2	5.2	0	0	0.2	5.2	5.2	1.0	1.0	4.6	3.8	3.8	1.4	0	1.3	1.1	2.0	2.0	5.2	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.2	5.2	1.1	0	0.2	0	0	1.0	1.0	4.5	4.1	3.9	1.4	0	1.2	1.1	2.0	2.0	5.2	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.0	5.2	0	0	0.2	5.2	5.2	1.0	1.0	4.8	2.2	0	1.4	1.4	1.5	1.5	2.0	2.0	5.2	2.0
IC2	FM NO SIGNAL	2.7	0	0	4.9	4.9	4.9	3.8	3.8	2.0	4.1	5.2	0	0	0	0	2.6	5.2	1.0	1.0	3.7	0	2.7		

* MARK

MODEL	CA-D301T	CA-D401T
L.O.C.	0.01	0.001
C17		

Tr. NO.	
PIN NO.	
FM 87.5MHz NO	
AM 52KHz NO	
Tr. NO.	
PIN NO.	
AM 52KHz NO	
AM 144KHz NO	

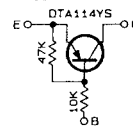
Note : FMDH9002012TW(/s/g)



NOTES

1. VOLTAGES ARE OC-MEASURED WITH A DIGITAL VOLT METER.
2. ALL RESISTORS ARE 1/6W 5% CARBON RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω).
4. ALL CAPACITANCE VALUES ARE IN *F(P=pF).
5. ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (A/F)/RATED VOLTAGE (V).
6. SI DIODES() ARE ALL 1SS254T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104J.
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS:
Q1 2SC1674(L) Q2:6 DTA114YS
Q3:4 2SC3330(S-T)

B. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



TUNER GND
TUNER R
TUNER L
TUNER +B
DATA
MPX
CLOCK
PERIOD
Vt/FM+8

Tr. NO.	Q1			Q6					
PIN NO.	E	C	B	E	C	B	E	C	B
M 87.5MHz NO SIGNAL	0	B.3	0.8	9.8	9.7	0			
M 520kHz NO SIGNAL	0	0	0	9.8	0	9.7			

Tr. NO.	Q2			Q3			Q4		
PIN NO.	E	C	B	E	C	B	E	C	B
M 520kHz NO SIGNAL	2.0	2.0	0.1	0	0	0.7	0	0	0.7
M 144kHz NO SIGNAL	2.0	2.0	2.0	0	0	0.1	0	0	0.1

FM Radio signal

AM Radio signal

LW Radio signal

+B Line

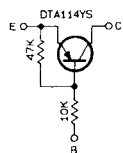
1	2	3	4	5
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	G-13 C49	G-13 C50	C-3 R93, R94	R12
J. C	0.039	0.039	2.2M 1/2W	--
A	0.027	0.027	--	56
U. UB- UR. US. UT	0.039	0.039	--	--
UP	0.039	0.039	--	56

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
 2. ALL RESISTORS ARE 1/8W 5% CARBON RESISTOR.
 3. ALL RESISTANCE VALUES ARE IN OHM(Ω).
 4. ALL CAPACITANCE VALUES ARE IN nF(PF=).
 5. ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (nF)/RATED VOLTAGE (V).
 6. SI: DIODES (M) ARE ALL 1SS133T-77
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS:
- | | |
|----|------------|
| Q1 | 2SC1923(O) |
| Q4 | 0T1A14YS |
8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS:

[illegible]

Note : FMDH9002006TW(/s/g)

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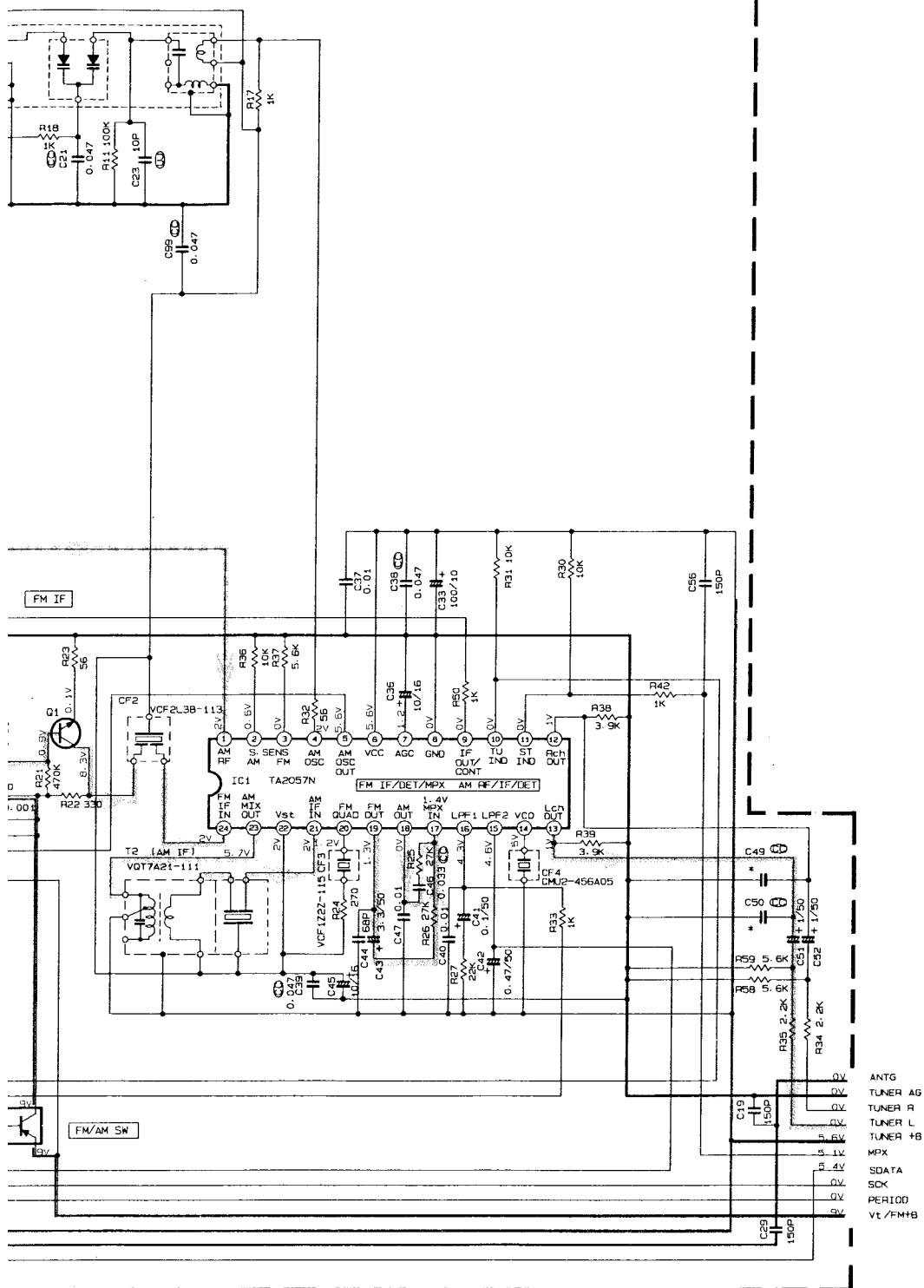
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98-202 L3



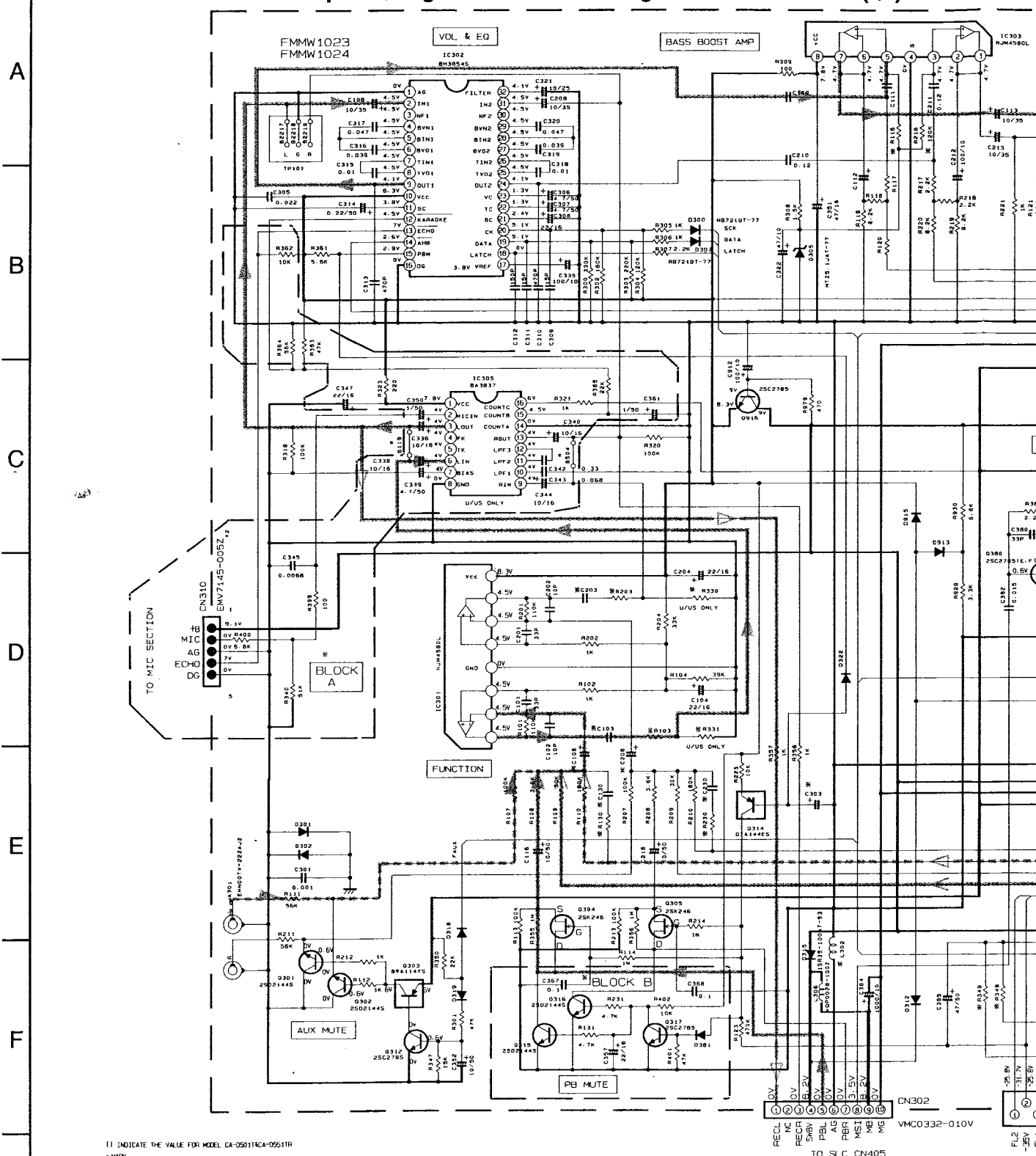
	Tr No.	Q1			Q4		
	PIN NAME	E	C	B	E	C	B
	FM 76.0MHz	0	9.1	0.7	9.8	9.7	0.1
	AM 53.1KHz	0	0	0	9.8	0	9.8

+B Line

FM Radio signal

AM Radio signal

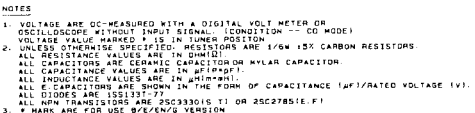
■ Function & Bass Boost Amplifier / Regulator Circuit : Drawing No.FMDH9003-006AV (1/3)



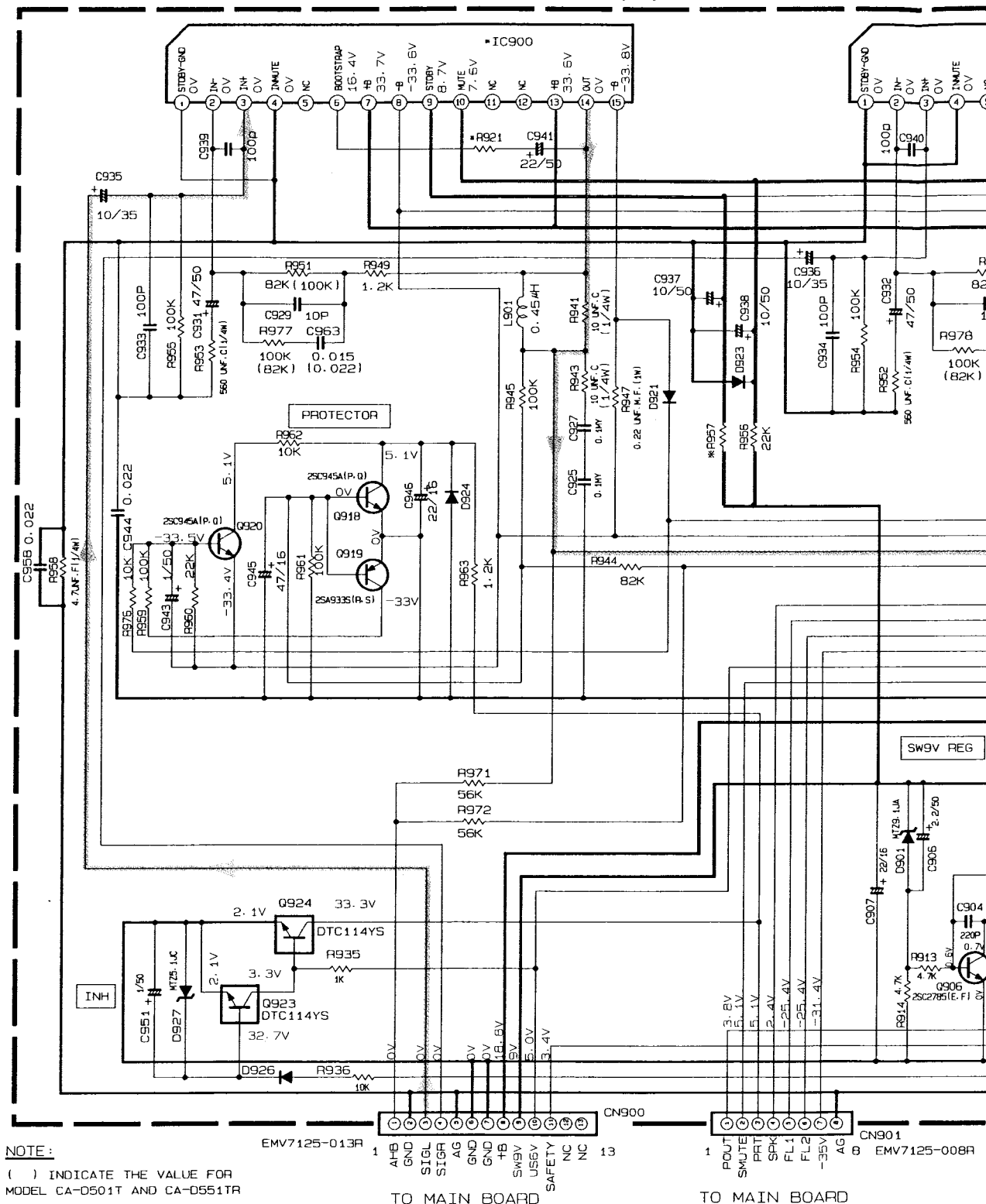
(1) INDICATE THE VALUE FOR MODEL CA-05011CA-0551TR

* PART

MODEL	VER	LRC		L302		L303		L304		L305		L306		L307		L308		L309		L310		L311		L312		L313		L314		L315		L316		L317		L318		L319		L320		L321		L322		L323		L324		L325		L326		L327		L328		L329		L330		L331		L332		L333		L334		L335		L336		L337		L338		L339		L340		L341		L342		L343		L344		L345		L346		L347		L348		L349		L350		L351		L352		L353		L354		L355		L356		L357		L358		L359		L360		L361		L362		L363		L364		L365		L366		L367		L368		L369		L370		L371		L372		L373		L374		L375		L376		L377		L378		L379		L380		L381		L382		L383		L384		L385		L386		L387		L388		L389		L390		L391		L392		L393		L394		L395		L396		L397		L398		L399		L400		L401		L402		L403		L404		L405		L406		L407		L408		L409		L410		L411		L412		L413		L414		L415		L416		L417		L418		L419		L420		L421		L422		L423		L424		L425		L426		L427		L428		L429		L430		L431		L432		L433		L434		L435		L436		L437		L438		L439		L440		L441		L442		L443		L444		L445		L446		L447		L448		L449		L450		L451		L452		L453		L454		L455		L456		L457		L458		L459		L460		L461		L462		L463		L464		L465		L466		L467		L468		L469		L470		L471		L472		L473		L474		L475		L476		L477		L478		L479		L480		L481		L482		L483		L484		L485		L486		L487		L488		L489		L490		L491		L492		L493		L494		L495		L496		L497		L498		L499		L500		L501		L502		L503		L504		L505		L506		L507		L508		L509		L510		L511		L512		L513		L514		L515		L516		L517		L518		L519		L520		L521		L522		L523		L524		L525		L526		L527		L528		L529		L530		L531		L532		L533		L534		L535		L536		L537		L538		L539		L540		L541		L542		L543		L544		L545		L546		L547		L548		L549		L550		L551		L552		L553		L554		L555		L556		L557		L558		L559		L560		L561		L562		L563		L564		L565		L566		L567		L568		L569		L570		L571		L572		L573		L574		L575		L576		L577		L578		L579		L580		L581		L582		L583		L584		L585		L586		L587		L588		L589		L590		L591		L592		L593		L594		L595		L596		L597		L598		L599		L600		L601		L602		L603		L604		L605		L606		L607		L608		L609		L610		L611		L612		L613		L614		L615		L616		L617		L618		L619		L620		L621		L622		L623		L624		L625		L626		L627		L628		L629		L630		L631		L632		L633		L634		L635		L636		L637		L638		L639		L640		L641		L642		L643		L644		L645		L646		L647		L648		L649		L650		L651		L652		L653		L654		L655		L656		L657		L658		L659		L660		L661		L662		L663		L664		L665		L666		L667		L668		L669		L670		L671		L672		L673		L674		L675		L676		L677		L678		L679		L680		L681		L682		L683		L684		L685		L686		L687		L688		L689		L690		L691		L692		L693		L694		L695		L696		L697		L698		L699		L700		L701		L702		L703		L704		L705		L706		L707		L708		L709		L710		L711		L712		L713		L714		L715		L716		L717		L718		L719		L720		L721		L722		L723		L724		L725		L726		L727		L728		L729		L730		L731		L732		L733		L734		L735		L736		L737		L738		L739		L740		L741		L742		L743		L744		L745		L746		L747		L748		L749		L750		L751		L752		L753		L754		L755		L756		L757		L758		L759		L760		L761		L762		L763		L764		L765		L766		L767		L768		L769		L770		L771		L772		L773		L774		L775		L776		L777		L778		L779		L780		L781		L782		L783		L784		L785		L786		L787		L788		L789		L790		L791		L792		L793		L794		L795		L796		L797		L798		L799		L800		L801		L802		L803		L804		L805		L806		L807		L808		L809		L810		L811		L812		L813		L814		L815		L816		L817		L818		L819		L820		L821		L822		L823		L824		L825		L826		L827		L828		L829		L830		L831		L832		L833		L834		L835		L836		L837		L838		L839		L840		L841		L842		L843		L844		L845		L846		L847		L848		L849		L850		L851		L852		L853		L854		L855		L856		L857		L858		L859		L860		L861		L862		L863		L864		L865		L866		L867		L868		L869		L870		L871		L872		L873		L874		L875		L876		L877		L878		L879		L880		L881		L882		L883		L884		L885		L886		L887		L888		L889		L890		L891		L892		L893		L894		L895		L896		L897		L898		L899		L900		L901		L902		L903		L904		L905		L906		L907		L908		L909		L910		L911		L912		L913		L914		L915		L916		L917		L918		L919		L920		L921		L922		L923		L924		L925		L926		L927		L928		L929		L930		L931		L932		L933		L934		L935		L936		L937		L938		L939		L940		L941		L942		L943		L944		L945		L946		L947		L948		L949		L950		L951		L952		L953		L954		L955		L956		L957		L958		L959		L960		L961		L962		L963		L964		L965		L966		L967		L968		L969		L970		L971		L972		L973		L974		L975		L976		L977		L978		L979		L980		L981		L982		L983		L984		L985		L986		L987		L988		L989		L990		L991		L992		L993		L994		L995		L996		L997		L998		L999		L1000		L1001		L1002		L1003		L1004		L1005		L1006		L1007		L1008		L1009		L1010		L1011		L1012		L1013		L1014		L1015		L1016		L1017		L1018		L1019		L1020		L1021		L1022		L1023		L1024		L1025		L1026		L1027		L1028		L1029		L1030		L1031		L1032		L1033		L1034		L1035		L1036		L1037		L1038		L1039		L1040		L1041		L1042		L1043		L1044		L1045		L1046		L1047		L1048		L1049		L1050		L1051		L1052		L1053		L1054		L1055		L1056		L1057		L1058		L1059		L1060		L1061		L1062		L1063		L1064		L1065		L1066		L1067		L1068		L1069		L1070		L1071		L1072		L1073		L1074		L1075		L1076		L1077		L1078		L1079		L1080		L1081		L1082		L1083		L1084		L1085		L1086		L1087		L1088		L1089		L1090		L1091		L1092		L1093		L1094		L1095		L1096		L1097		L1098		L1099		L1100		L1101		L1102		L1103		L1104		L1105		L1106		L1107		L1108		L1109		L1110		L1111		L1112		L1113		L1114		L1115		L1116		L1117		L1118		L1119		L1120		L1121		L1122		L1123		L1124		L1125		L1126		L1127		L1128		L1129		L1130		L1131		L1132		L1133		L1134		L1135		L1136		L1137		L1138		L1139		L1140		L1141		L1142		L1143		L1144		L1145		L1146		L1147		L1148		L1149		L1150		L1151		L1152		L1153		L1154		L1155		L1156		L1157		L1158		L1159		L1160		L1161		L1162		L1163		L1164		L1165		L1166		L1167		L1168		L1169		L1170		L1171		L1172		L1173		L1174		L1175		L1176		L1177		L1178		L1179		L1180		L1181		L1182		L1183		L1184		L1185		L1186		L1187		L1188		L1189		L1190		L1191		L1192		L1193		L1194		L1195		L1196		L1197		L1198		L1199		L1200		L1201		L1202		L1203		L1204		L1205		L1206		L1207		L1208		L1209		L1210		L1211		L1212		L1213		L1214		L1215		L1216		L1217		L1218		L1219		L1220		L1221		L1222		L1223		L1224		L1225		L1226		L1227		L1228		L1229		L1230		L1231		L1232		L1233		L1234		L1235		L1236		L1237		L1238		L1239		L1240		L1241		L1242		L1243		L1244		L1245		L1246		L1247		L1248		L1249		L1250		L1251		L1252		L1253		L1254		L1255		L1256		L1257		L1258		L1259		L1260		L1261		L1262		L1263		L1264		L1265		L1266		L1267		L1268		L1269		L1270		L1271		L1272		L1273		L1274		L1275		L1276		L1277		L1278		L1279		L1280		L1281		L1282		L1283		L1284		L1285		L1286		L1287		L1288		L1289		L1290		L1291		L1292		L1293		L1294		L1295		L1296		L1297		L1298		L1299		L1300		L1301		L1302		L1303		L1304		L1305</	
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■ Power Amplifier & Regulator Circuit : Drawing No.FMDH9003-006AV (2/3)



VERSION	C947/948/949/950 18-B	C971/C972 18-B	D908/909/910/911 18-H	IC900/901 6-B/13-B	L971/972 17-B	R921/922 6-C/13-C	R957 9-E	R954/965 17-O	R982 12-H	R973/R974 19-B
B.E-EN-G	0.022	0.0027	1N5401TM	TDA7295	VQZ0104-003	B125/126	1K	680	B120	4.7
U-UB-UP-UR US-UT-A-VX	—	—	1N5401TM	TDA7295	—	B125/126	1K	680	B120	—
J.C	—	—	10E2-FD	TDA7294	—	2.2K	10K	680 F.RES (1/4W)	22 F.RES (1/4W)	—

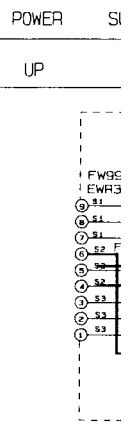
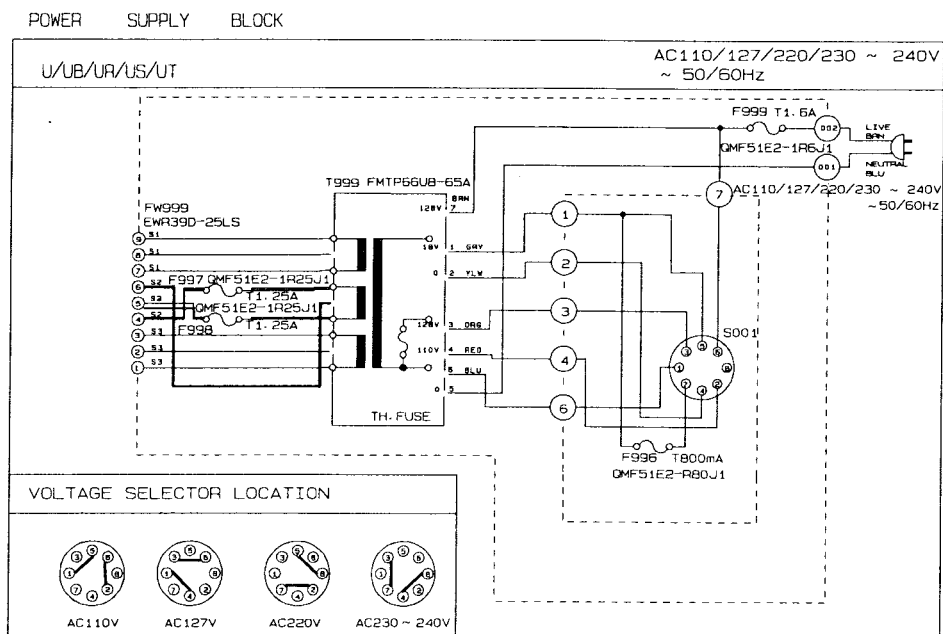
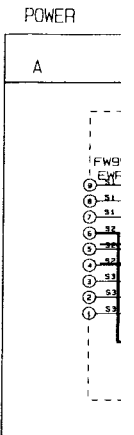
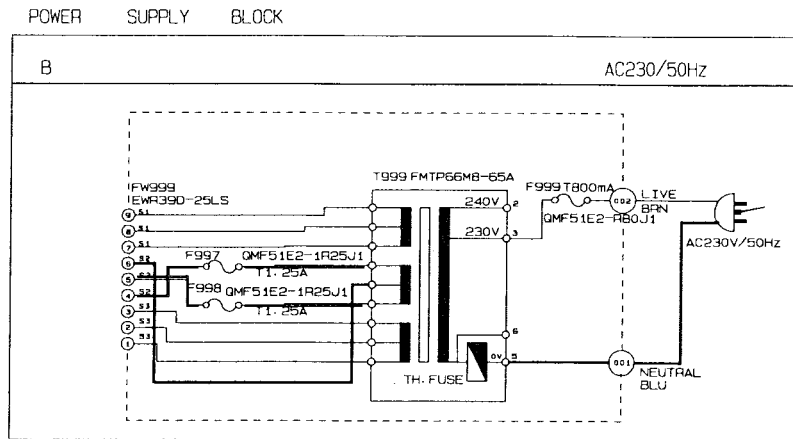
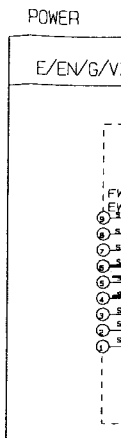
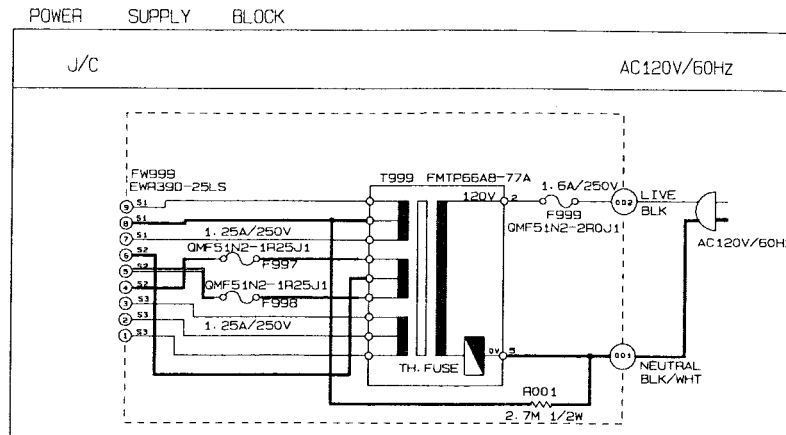


1. VOLTAGES ARE DC-MEASURED USING AN OSCILLOSCOPE WITHOUT INPUT SIGNAL CONDITION.
2. UNLESS OTHERWISE SPECIFIED:
 - ALL RESISTORS ARE 1/4W ± 5% CARBON RESISTOR.
 - ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
 - ALL RESISTANCE VALUES ARE IN OHMS (Ω).
 - ALL CAPACITANCE VALUES ARE IN μF (μF).
 - ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF) / RATED VOLTAGE (V).
 - ALL DIODES ARE 1SS133-77 TYPE
 - Ⓢ POLYPROPYLENE CAPACITOR
 - Ⓜ 50V ± 5% MYLAR CAPACITOR OR 50V ± 5% THIN FILM CAPACITOR
3. THOSE PART WITH BRACKET IS NOT USED:
 - FOR RESISTOR, IT WOULD BE A SHORT.
 - FOR CAPACITOR, IT WOULD BE AN OPEN.

+B Line

1	2	3	4	5
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■ Power Transformer Circuit : Drawing No.FMDH9003-006AV (3/3)



Note : FMDH9003006AV(/s/g)

6

7

8

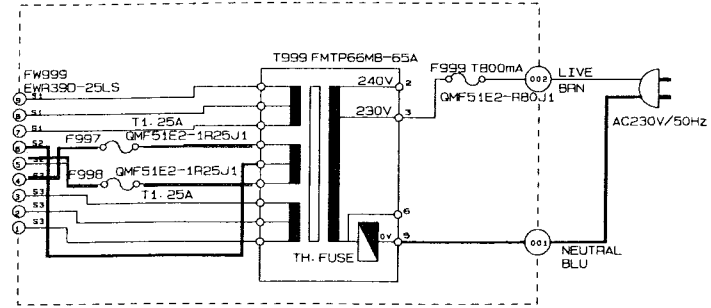
9

10

OWER SUPPLY BLOCK

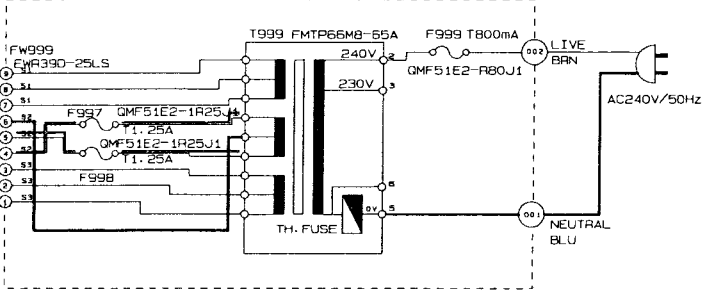
/EN/G/VX

AC230/50Hz



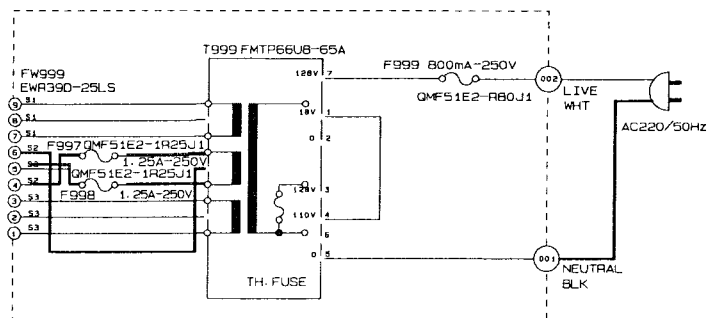
WER SUPPLY BLOCK

AC240/50Hz



ER SUPPLY BLOCK

AC 220V/50Hz



System CPU & Operation Switch Circuit : Drawing No.FMDH9002-006SV

A

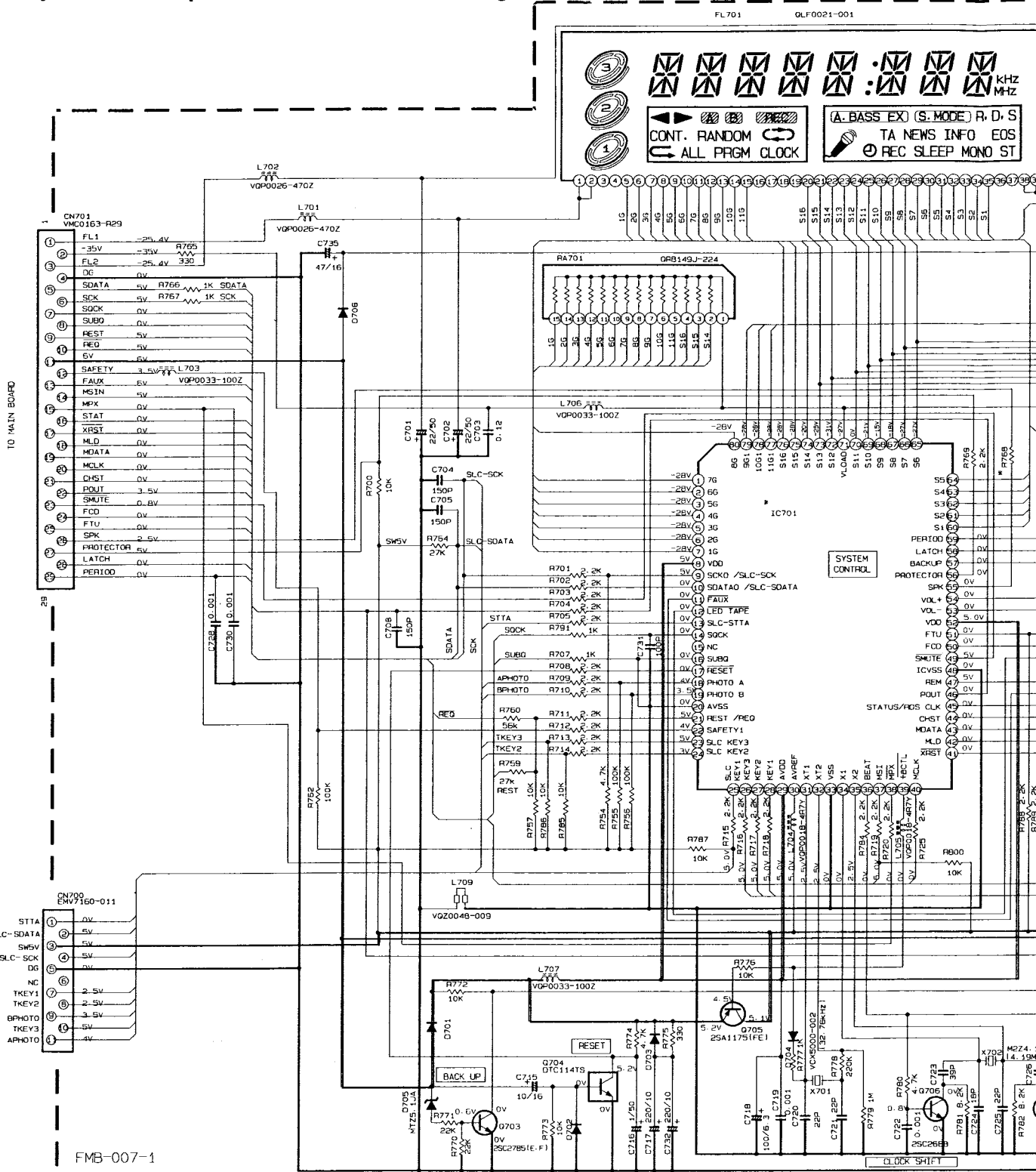
B

C

D

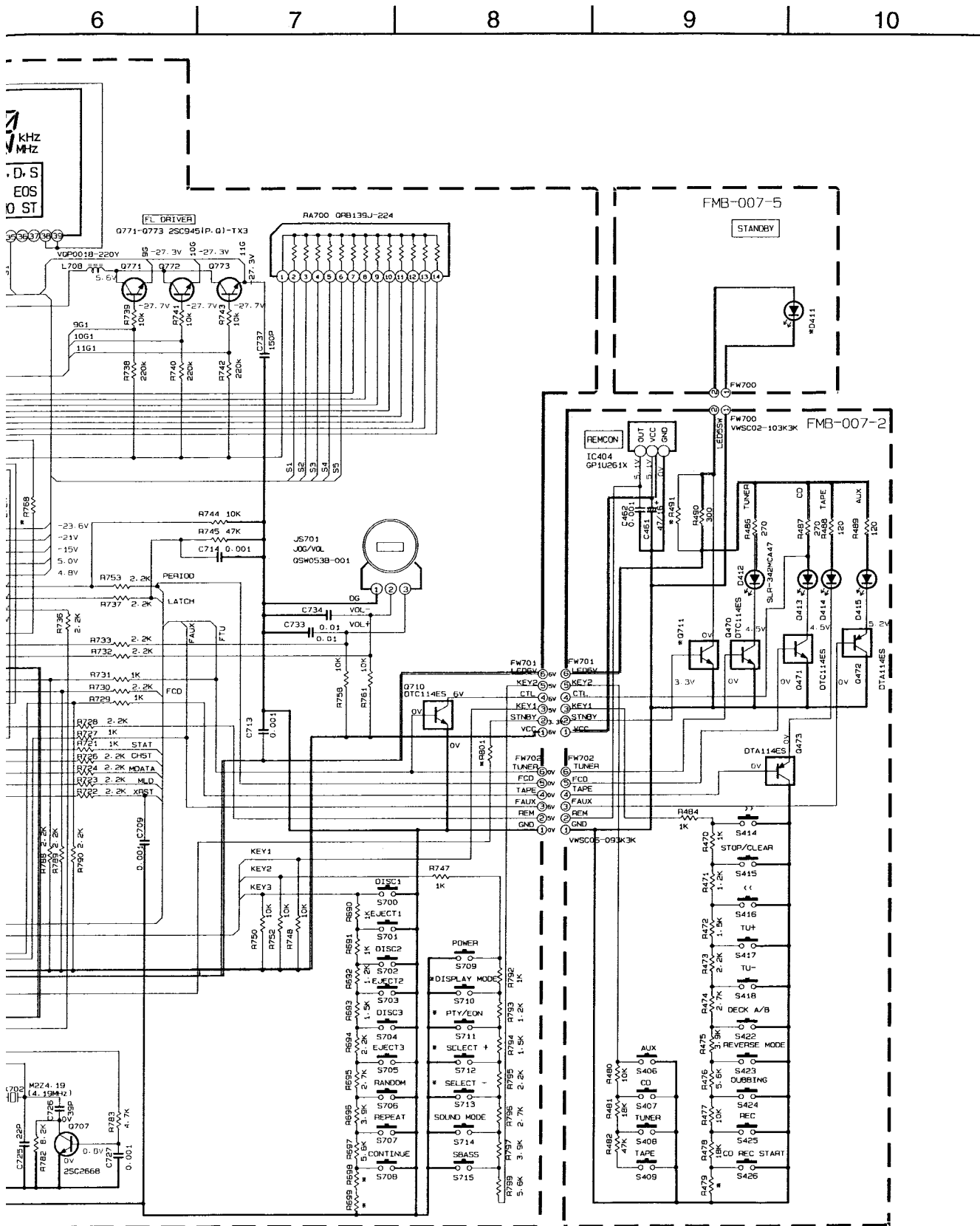
E

F



MODEL	VERSIONS	R479 19-M	R698 15-L	R699 15-M	S710/711/712/713 16-K	R491 18-F	R801 16-M	D411 19-C	Q711 18-G	R768 11-F	MODEL	IC701 10-F
CA-D301T	J. C	47K	---	---	---	---	B134	SLR-342VCA47	DTG-114ES	2.2K	MX-D301T	UP078044FGF-057
CA-D401T	U. UB-UP. US. UT.	---	---	75K	---	300	47K	SLA-380LT-TB	2502144S	56	U/UB/UP UR/US/UT	UP078044FGF-055
CA-D501T	B. E. EN. G	47K	75K	B129	---	300	47K	SLA-380LT-TB	2502144S	2.2K	OTHERS	UP078044FGF-055
	A	---	18K	10K	---	300	47K	SLA-380LT-TB	2502144S	2.2K		
	VX	---	18K	10K	---	300	47K	SLA-380LT-TB	2502144S	2.2K		
MX-D451TR CA-D951TR	B. E. EN. G	47K	18K	10K	USE	300	47K	SLA-380LT-TB	2502144S	2.2K		

Note : FMDH9002006SV1/s/g)



■ CD Traverse Mechanism Control Circuit : Drawing No.FMDH9002-006MW

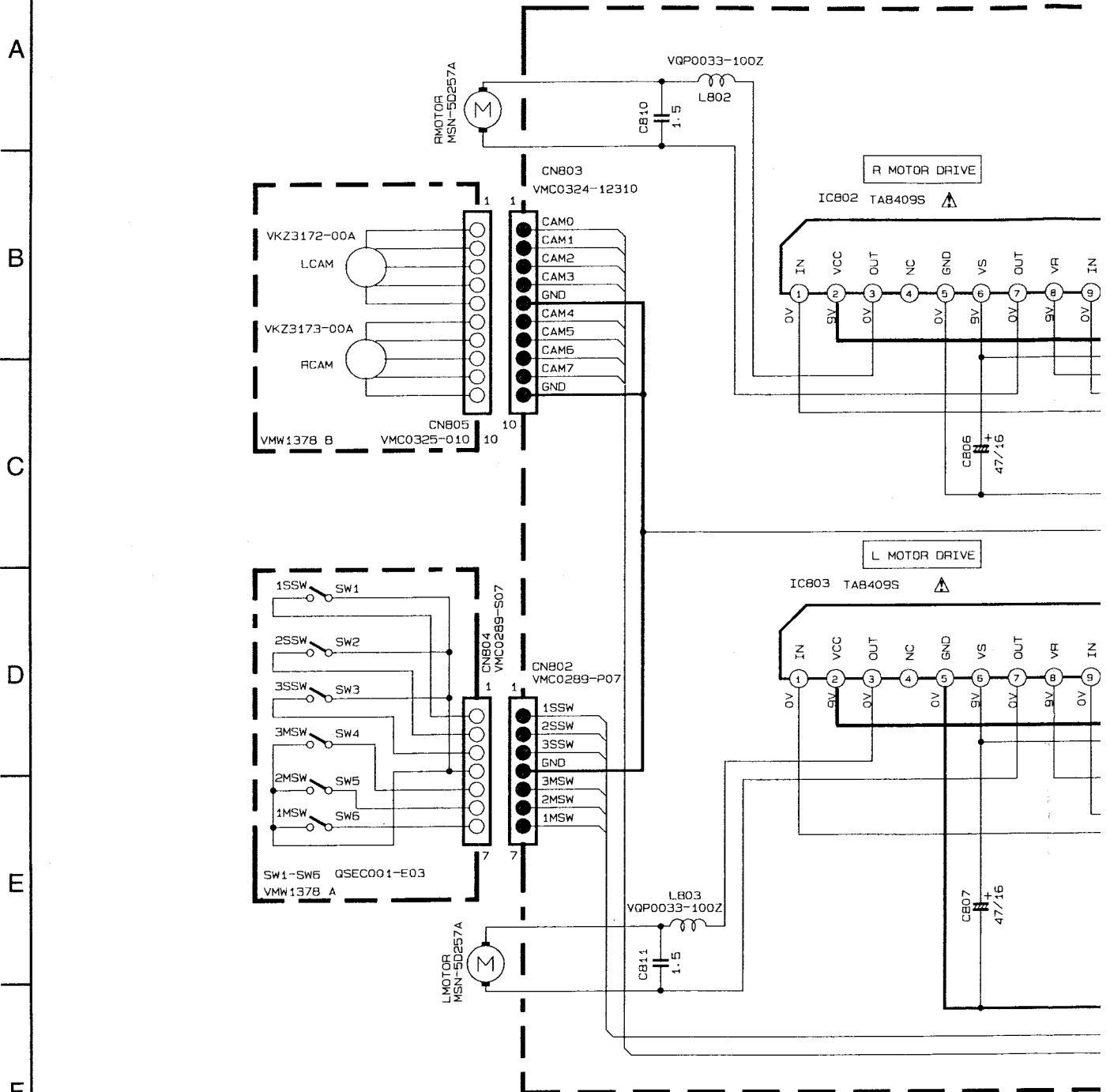


TABLE 1 CAM PATTERN LIST

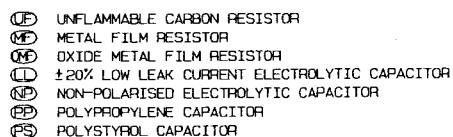
CAM NO.	LCAM	RCAM	POSITION
POSITION	0 1 2 3	4 5 6 7	
MAIN TRAY1	0 1 1 1	0 1 1 0	EMERGENCY
SUB TRAY1	0 0 1 1	0 1 0 0	TRAY1 STAND-BY
CAMR 1	0 1 0 1	0 1 0 1	TRAY1 CHACKING
MAIN TRAY2	1 0 0 1	0 1 0 0	TRAY2 STAND-BY
SUB TRAY2	1 1 1 0	0 0 1 1	TRAY2 CHACKING
CAMR 2	1 0 1 0	0 0 1 1	TRAY3 STAND-BY
MAIN TRAY3	1 1 0 0	0 0 1 1	TRAY3 CHACKING
SUB TRAY3	1 0 0 0	0 0 0 0	
OFF	1 1 1 1	0 1 1 1	OFF

0=0V
1=5V

NOTES

- VOLTAGES ARE DC-MEASURED WITH A DIGITAL OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- DISC 1 CD STOP MODE
- UNLESS OTHERWISE SPECIFIED, RESISTORS ARE ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR ALL CAPACITANCE VALUES ARE IN μF(P=pF).
ALL INDUCTANCE VALUES ARE IN mH(m=mH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM 0

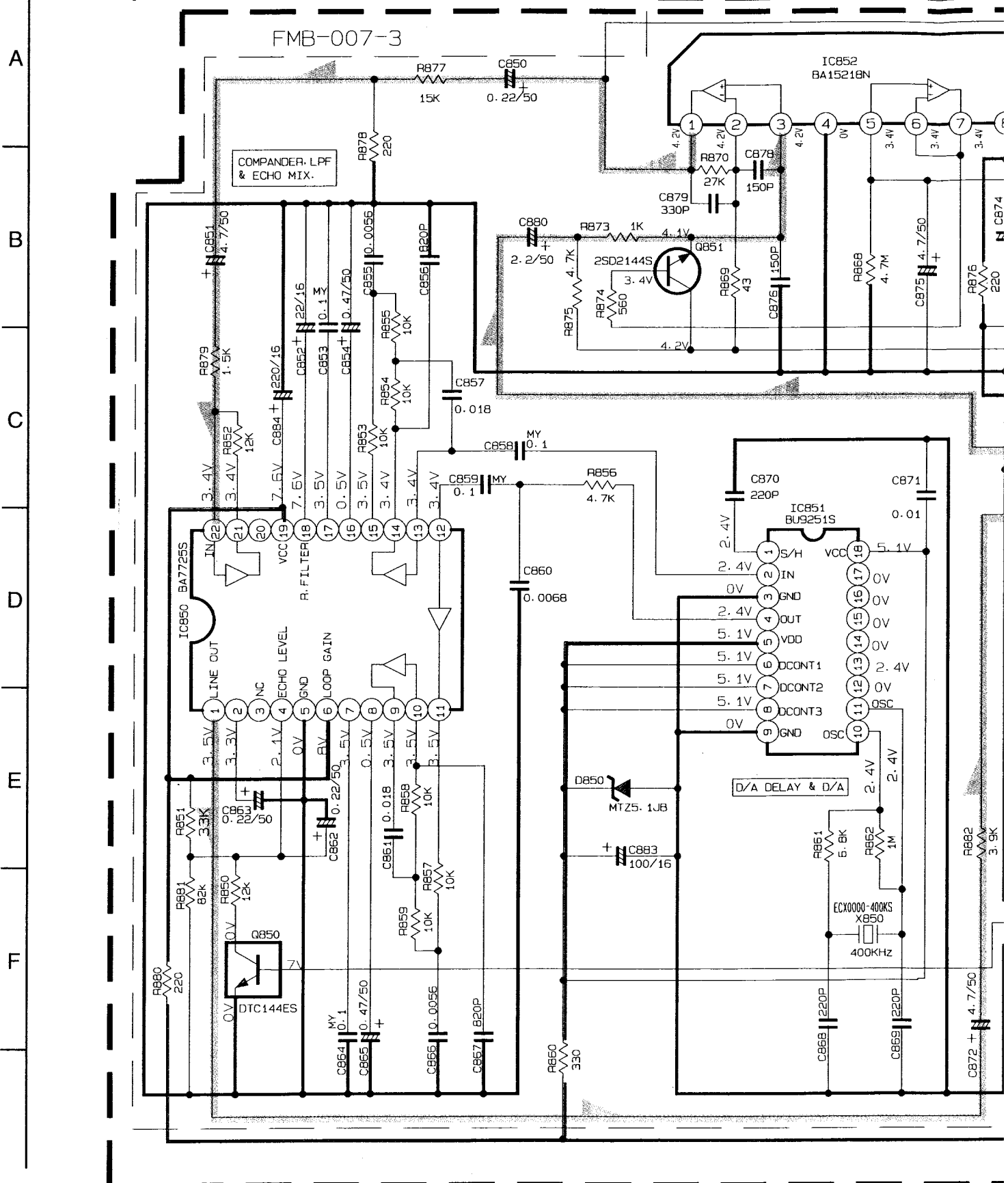
Note : FMDH9002006MW(/s/g)



THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

+B Line

■ **Mic Input Amplifier & Headphone Output Circuit : Drawing No.FMDH9003-006AX**



Note : FMDH900306AX(/s/g)

