

## Complementary Transistors Pairs

2SA12 PNP 2N218 NPN	2SA42 PNP 2S192 NPN	2SA85 PNP 2S145 NPN	2SA125 PNP 2S139 NPN
2SA13 PNP 2N410 NPN	2SA43 PNP 2S43 NPN	2SA86 PNP 2S190 NPN	2SA153 PNP 2S153 NPN
2SA14 PNP 2S148 NPN	2SA45 PNP 2S45 NPN	2SA92 PNP 2S92A NPN	2SA154 PNP 2S154 NPN
2SA15 PNP 2N219 NPN	2SA48 PNP 2S48 NPN	2SA93 PNP 2S93A NPN	2SA155 PNP 2S155 NPN
2SA16 PNP 2N412 NPN	2SA49 PNP 2S49 NPN	2SA95 PNP 2S95 NPN	2SA156 PNP 2S156 NPN
2SA17 PNP 2S146 NPN	2SA50 PNP 2S50 NPN	2SA96 PNP 2S96 NPN	2SA157 PNP 2S157 NPN
2SA18 PNP 2S148 NPN	2SA51 PNP 2S51 NPN	2SA97 PNP 2S97 NPN	2SA159 PNP 2S159 NPN
2SA22 PNP 2S125 NPN	2SA52 PNP 2S52 NPN	2SA98 PNP 2S98 NPN	2SA160 PNP 2S160 NPN
2SA23 PNP 2S126 NPN	2SA53 PNP 2S53 NPN	2SA99 PNP 2S99 NPN	2SA167 PNP 2S167 NPN
2SA27 PNP 2S60 NPN	2SA57 PNP 2S57 NPN	2SA108 PNP 2S108 NPN	2SA168 PNP 2S168 NPN
2SA28 PNP 2S92 NPN	2SA58 PNP 2S58 NPN	2SA109 PNP 2S109 NPN	2SA169 PNP 2S169 NPN
2SA29 PNP 2S93 NPN	2SA59 PNP 2S59 NPN	2SA110 PNP 2S110 NPN	2SA170 PNP 2S170 NPN
2SA30 PNP 2NJ5A NPN	2SA60 PNP 2S60A NPN	2SA111 PNP 2S111 NPN	2SA171 PNP 2S171 NPN
2SA30 PNP 2S30 NPN	2SA64 PNP 2S64 NPN	2SA112 PNP 2S112 NPN	2SA172 PNP 2S172 NPN
2SA31 PNP 2NJ5A NPN	2SA80 PNP 2S140 NPN	2SA121 PNP 2S173 NPN	2SA173 PNP 2S173 NPN
2SA31 PNP 2S31 NPN	2SA81 PNP 2S141 NPN	2SA121 PNP 2T201 NPN	2SA174 PNP 2S174 NPN
2SA35 PNP 2S35 NPN	2SA82 PNP 2S142 NPN	2SA122 PNP 2T201 NPN	2SA175 PNP 2S175 NPN
2SA36 PNP 2S36 NPN	2SA83 PNP 2S143 NPN	2SA123 PNP 2T201 NPN	2SA176 PNP 2S176 NPN
2SA41 PNP 2S191 NPN	2SA84 PNP 2S144 NPN	2SA124 PNP 2S138 NPN	

## Complementary Transistors Pairs

2SB12 PNP 2S113 NPN	2SB41 PNP 2S41 NPN	2SB68 PNP 2N398 NPN	2SB107 PNP 2S107 NPN
2SB13 PNP 2S114 NPN	2SB42 PNP 2S42 NPN	2SB73 PNP 2N220 NPN	2SB131 PNP 2S131 NPN
2SB14 PNP 2S115 NPN	2SB44 PNP 2S44 NPN	2SB74 PNP 2S148 NPN	2SB140 PNP 2T301 NPN
2SB15 PNP 2S116 NPN	2SB46 PNP 2S46 NPN	2SB76 PNP 2N406 NPN	2SB141 PNP 2T302 NPN
2SB16 PNP 2S119 NPN	2SB47 PNP 2S47 NPN	2SB78 PNP 2N408 NPN	2SB142 PNP 2T303 NPN
2SB17 PNP 2S120 NPN	2SB48 PNP 2T31 NPN	2SB79 PNP 2S91 NPN	2SB143 PNP 2T303 NPN
2SB18 PNP 2S121 NPN	2SB49 PNP 2T31 NPN	2SB80 PNP 2S177 NPN	2SB144 PNP 2T303 NPN
2SB19 PNP 2S122 NPN	2SB50 PNP 2T31 NPN	2SB81 PNP 2S177 NPN	2SB145 PNP 2T304 NPN
2SB20 PNP 2S123 NPN	2SB51 PNP 2T32 NPN	2SB82 PNP 2S177 NPN	2SB146 PNP 2T304 NPN
2SB21 PNP 2S124 NPN	2SB52 PNP 2T32 NPN	2SB83 PNP 2N301 NPN	2SB150 PNP 2S150 NPN
2SB25 PNP 2S26A NPN	2SB53 PNP 2T38 NPN	2SB84 PNP 2N301A NPN	2SB161 PNP 2S161 NPN
2SB26 PNP 2S26 NPN	2SB54 PNP 2S54 NPN	2SB94 PNP 2S56 NPN	2SB162 PNP 2S162 NPN
2SB27 PNP 2T305 NPN	2SB55 PNP 2S56A NPN	2SB100 PNP 2S100 NPN	2SB163 PNP 2S163 NPN
2SB28 PNP 2T305 NPN	2SB56 PNP 2S56 NPN	2SB101 PNP 2S101 NPN	2SB164 PNP 2S164 NPN
2SB29 PNP 2T305 NPN	2SB61 PNP 2S61 NPN	2SB102 PNP 2S102 NPN	2SB165 PNP 2S165 NPN
2SB30 PNP 2T306 NPN	2SB65 PNP 2S65 NPN	2SB103 PNP 2S103 NPN	2SB166 PNP 2S166 NPN
2SB31 PNP 2T306 NPN	2SB66 PNP 2N215C NPN	2SB104 PNP 2S104 NPN	2SB173 PNP 2S74 NPN
2SB32 PNP 2S32 NPN	2SB66 PNP 2S11 NPN	2SB105 PNP 2S105 NPN	2SB179 PNP 2S179 NPN
2SB39 PNP 2S39 NPN	2SB67 PNP 2S193 NPN	2SB106 PNP 2S106 NPN	2SB188 PNP 2S188 NPN

## Complementary Transistors Pairs

2SB189 PNP 2S189 NPN			
2SB224 PNP 2N524 NPN			
2SB225 PNP 2N525 NPN			
2SB226 PNP 2N526 NPN			
2SB227 PNP 2N527 NPN			

## Complementary Transistors Pairs

2SC32 NPN 2SA544 PNP	2SC495 NPN 2SA505 PNP	2SC538A NPN 2SA550A PNP	2SC805A NPN 2SA923 PNP
2SC73 NPN 2S132 PNP	2SC496 NPN 2SA496 PNP	2SC560 NPN 2SA560 PNP	2SC815 NPN 2SA539 PNP
2SC73 NPN 2T73 PNP	2SC497 NPN 2SA497 PNP	2SC594 NPN 2SA594 PNP	2SC828 NPN 2SA564 PNP
2SC75 NPN 2S133 PNP	2SC498 NPN 2SA498 PNP	2SC631A NPN 2SA658 PNP	2SC828A NPN 2SA564A PNP
2SC75 NPN 2T75 PNP	2SC501 NPN 2SA501 PNP	2SC632A NPN 2SA704 PNP	2SC830 NPN 2SB551 PNP
2SC76 NPN 2S134 PNP	2SC503 NPN 2SA503 PNP	2SC633A NPN 2SA705 PNP	2SC853 NPN 2SA545 PNP
2SC76 NPN 2T76 PNP	2SC504 NPN 2SA504 PNP	2SC634A NPN 2SA678 PNP	2SC873 NPN 2SA535 PNP
2SC77 NPN 2S135 PNP	2SC509 NPN 2SA509 PNP	2SC680 NPN 2SA566 PNP	2SC874 NPN 2SA535 PNP
2SC77 NPN 2T77 PNP	2SC510 NPN 2SA510 PNP	2SC696 NPN 2SA546 PNP	2SC875 NPN 2SA532 PNP
2SC78 NPN 2S136 PNP	2SC511 NPN 2SA511 PNP	2SC696A NPN 2SA546A PNP	2SC876 NPN 2SA532 PNP
2SC78 NPN 2T78 PNP	2SC512 NPN 2SA512 PNP	2SC697 NPN 2SA547 PNP	2SC897 NPN 2SA757 PNP
2SC97A NPN 2SA571 PNP	2SC513 NPN 2SA513 PNP	2SC697A NPN 2SA547A PNP	2SC898 NPN 2SA758 PNP
2SC367 NPN 2SA467 PNP	2SC519 NPN 2SA656 PNP	2SC708 NPN 2SA537 PNP	2SC923 NPN 2SA641 PNP
2SC372 NPN 2SA495 PNP	2SC519A NPN 2SA656A PNP	2SC708A NPN 2SA537A PNP	2SC943 NPN 2SA603 PNP
2SC400 NPN 2SA500 PNP	2SC520 NPN 2SA657 PNP	2SC734 NPN 2SA561 PNP	2SC945 NPN 2SA733 PNP
2SC458 NPN 2SA1029 PNP	2SC520A NPN 2SA657A PNP	2SC735 NPN 2SA562 PNP	2SC949 NPN 2SA763 PNP
2SC484 NPN 2SA484 PNP	2SC521 NPN 2SA658 PNP	2SC780A NPN 2SA429 PNP	2SC950 NPN 2SA573 PNP
2SC485 NPN 2SA485 PNP	2SC521A NPN 2SA658A PNP	2SC790 NPN 2SA490 PNP	2SC951 NPN 2SA574 PNP
2SC486 NPN 2SA486 PNP	2SC538 NPN 2SA550 PNP	2SC793 NPN 2SA663 PNP	2SC952 NPN 2SA575 PNP

## Complementary Transistors Pairs

2SC959 NPN 2SA606 PNP	2SC1098A NPN 2SA636A PNP	2SC1243 NPN 2SA703 PNP	2SC1406 NPN 2SA751 PNP
2SC960 NPN 2SA607 PNP	2SC1115 NPN 2SA746 PNP	2SC1310 NPN 2SA1299 PNP	2SC1407 NPN 2SA752 PNP
2SC979 NPN 2SA499 PNP	2SC1116 NPN 2SA747 PNP	2SC1317 NPN 2SA719 PNP	2SC1418 NPN 2SA754 PNP
2SC984 NPN 2SA565 PNP	2SC1161A NPN 2SA653A PNP	2SC1318 NPN 2SA720 PNP	2SC1419 NPN 2SA755 PNP
2SC1000 NPN 2SA493 PNP	2SC1162 NPN 2SA715 PNP	2SC1318A NPN 2SA720A PNP	2SC1432 NPN 2SA796 PNP
2SC1006 NPN 2SA579 PNP	2SC1166 NPN 2SA661 PNP	2SC1327 NPN 2SA721 PNP	2SC1444 NPN 2SA764 PNP
2SC1008 NPN 2SA708 PNP	2SC1173 NPN 2SA473 PNP	2SC1328 NPN 2SA722 PNP	2SC1445 NPN 2SA765 PNP
2SC1008A NPN 2SA708A PNP	2SC1175 NPN 2SA659 PNP	2SC1343 NPN 2SA753 PNP	2SC1448 NPN 2SA740 PNP
2SC1010 NPN 2SA578 PNP	2SC1209 NPN 2SA695 PNP	2SC1346 NPN 2SA730 PNP	2SC1450 NPN 2SA766 PNP
2SC1013 NPN 2SA623 PNP	2SC1210 NPN 2SA696 PNP	2SC1347 NPN 2SA731 PNP	2SC1452 NPN 2SA810 PNP
2SC1014 NPN 2SA624 PNP	2SC1211 NPN 2SA697 PNP	2SC1359 NPN 2SA838 PNP	2SC1473 NPN 2SA1018 PNP
2SC1030 NPN 2SA756 PNP	2SC1212 NPN 2SA743 PNP	2SC1368 NPN 2SA738 PNP	2SC1474 NPN 2SA772 PNP
2SC1060 NPN 2SA670 PNP	2SC1212A NPN 2SA743A PNP	2SC1382 NPN 2SA682 PNP	2SC1475 NPN 2SA773 PNP
2SC1061 NPN 2SA671 PNP	2SC1213 NPN 2SA673 PNP	2SC1383 NPN 2SA683 PNP	2SC1486 NPN 2N5944 PNP
2SC1072 NPN 2SA717 PNP	2SC1213A NPN 2SA673A PNP	2SC1384 NPN 2SA684 PNP	2SC1487 NPN 2N5945 PNP
2SC1079 NPN 2SA679 PNP	2SC1217 NPN 2SA712 PNP	2SC1398 NPN 2SA748 PNP	2SC1488 NPN 2N5946 PNP
2SC1080 NPN 2SA680 PNP	2SC1222 NPN 2SA640 PNP	2SC1402 NPN 2SA744 PNP	2SC1489 NPN 2N6136 PNP
2SC1096 NPN 2SA634 PNP	2SC1226 NPN 2SA699 PNP	2SC1403 NPN 2SA745 PNP	2SC1490 NPN 2N6080 PNP
2SC1098 NPN 2SA636 PNP	2SC1226A NPN 2SA699A PNP	2SC1403A NPN 2SA745A PNP	2SC1491 NPN 2N6081 PNP

## Complementary Transistors Pairs

2SC1492 NPN 2N6082 PNP	2SC1625 NPN 2SA815 PNP	2SC1775 NPN 2SA872 PNP	2SC1890A NPN 2SA893A PNP
2SC1493 NPN 2N6083 PNP	2SC1626 NPN 2SA816 PNP	2SC1775A NPN 2SA872A PNP	2SC1908 NPN 2SA925 PNP
2SC1494 NPN 2N6084 PNP	2SC1627 NPN 2SA817 PNP	2SC1766 NPN 2SA1033 PNP	2SC1913 NPN 2SA913 PNP
2SC1495 NPN 2N6256 PNP	2SC1627A NPN 2SA817A PNP	2SC1787 NPN 2SA880 PNP	2SC1913A NPN 2SA913A PNP
2SC1509 NPN 2SA777 PNP	2SC1628 NPN 2SA818 PNP	2SC1788 NPN 2SA1128 PNP	2SC1915 NPN 2SA905 PNP
2SC1517 NPN 2SA780 PNP	2SC1652 NPN 2SA874 PNP	2SC1811 NPN 2SA896 PNP	2SC1940 NPN 2SA915 PNP
2SC1565 NPN 2SA795 PNP	2SC1663 NPN 2SA835 PNP	2SC1815 NPN 2SA1015 PNP	2SC1941 NPN 2SA916 PNP
2SC1567 NPN 2SA794 PNP	2SC1667 NPN 2SA837 PNP	2SC1826 NPN 2SA768 PNP	2SC1951 NPN 2SA917 PNP
2SC1567A NPN 2SA794A PNP	2SC1669 NPN 2SA839 PNP	2SC1827 NPN 2SA769 PNP	2SC1953 NPN 2SA914 PNP
2SC1568 NPN 2SA900 PNP	2SC1670 NPN 2SA840 PNP	2SC1844 NPN 2SA991 PNP	2SC1959 NPN 2SA562 PNP
2SC1573 NPN 2SA879 PNP	2SC1683 NPN 2SA843 PNP	2SC1845 NPN 2SA992 PNP	2SC1980 NPN 2SA921 PNP
2SC1584 NPN 2SA907 PNP	2SC1708 NPN 2SA847 PNP	2SC1846 NPN 2SA885 PNP	2SC1985 NPN 2SA770 PNP
2SC1585 NPN 2SA908 PNP	2SC1708A NPN 2SA847A PNP	2SC1847 NPN 2SA886 PNP	2SC1986 NPN 2SA771 PNP
2SC1586 NPN 2SA909 PNP	2SC1735 NPN 2SA850 PNP	2SC1848 NPN 2SA887 PNP	2SC2001 NPN 2SA952 PNP
2SC1618 NPN 2SA807 PNP	2SC1740 NPN 2SA933 PNP	2SC1849 NPN 2SA888 PNP	2SC2002 NPN 2SA953 PNP
2SC1619 NPN 2SA808 PNP	2SC1741 NPN 2SA854 PNP	2SC1850 NPN 2SA889 PNP	2SC2003 NPN 2SA954 PNP
2SC1619A NPN 2SA808A PNP	2SC1761 NPN 2SA861 PNP	2SC1851 NPN 2SA890 PNP	2SC2014 NPN 2SA1066 PNP
2SC1623 NPN 2SA812 PNP	2SC1762 NPN 2SA911 PNP	2SC1852 NPN 2SA891 PNP	2SC2021 NPN 2SA937 PNP
2SC1624 NPN 2SA814 PNP	2SC1766 NPN 2SA1033 PNP	2SC1890 NPN 2SA893 PNP	2SC2060 NPN 2SA934 PNP

## Complementary Transistors Pairs

2SC2073 NPN 2SA940 PNP	2SC2262 NPN 2SA982 PNP	2SC2363 NPN 2SA1017 PNP	2SC2436 NPN 2SA1046 PNP
2SC2088 NPN 2SA941 PNP	2SC2263 NPN 2SA973 PNP	2SC2375 NPN 2SA1019 PNP	2SC2441 NPN 2SA1047 PNP
2SC2089 NPN 2SA942 PNP	2SC2267 NPN 2SA1024 PNP	2SC2378 NPN 2SA1023 PNP	2SC2458 NPN 2SA1048 PNP
2SC2120 NPN 2SA950 PNP	2SC2274 NPN 2SA984 PNP	2SC2383 NPN 2SA1013 PNP	2SC2459 NPN 2SA1049 PNP
2SC2141 NPN 2SA951 PNP	2SC2275 NPN 2SA985 PNP	2SC2384 NPN 2SA1014 PNP	2SC2460 NPN 2SA1050 PNP
2SC2194 NPN 2SA962 PNP	2SC2275A NPN 2SA985A PNP	2SC2389 NPN 2SA1038 PNP	2SC2460A NPN 2SA1050A PNP
2SC2206 NPN 2SA1254 PNP	2SC2277 NPN 2SA993 PNP	2SC2390 NPN 2SA1039 PNP	2SC2461 NPN 2SA1051 PNP
2SC2209 NPN 2SA963 PNP	2SC2285A NPN 2SA1220A PNP	2SC2396 NPN 2SA1025 PNP	2SC2461A NPN 2SA1051A PNP
2SC2235 NPN 2SA965 PNP	2SC2295 NPN 2SA1022 PNP	2SC2398 NPN 2SA1028 PNP	2SC2481 NPN 2SA1021 PNP
2SC2236 NPN 2SA966 PNP	2SC2308 NPN 2SA1030 PNP	2SC2405 NPN 2SA1034 PNP	2SC2484 NPN 2SA1060 PNP
2SC2237 NPN 2SA1007 PNP	2SC2310 NPN 2SA1032 PNP	2SC2406 NPN 2SA1035 PNP	2SC2485 NPN 2SA1061 PNP
2SC2237A NPN 2SA1007A PNP	2SC2321 NPN 2SA1001 PNP	2SC2411 NPN 2SA1036 PNP	2SC2486 NPN 2SA1062 PNP
2SC2238 NPN 2SA968 PNP	2SC2322 NPN 2SA1002 PNP	2SC2412 NPN 2SA1037 PNP	2SC2487 NPN 2SA1063 PNP
2SC2238A NPN 2SA968A PNP	2SC2323 NPN 2SA1003 PNP	2SC2430 NPN 2SA1040 PNP	2SC2488 NPN 2SA1064 PNP
2SC2238B NPN 2SA968B PNP	2SC2331 NPN 2SA1008 PNP	2SC2431 NPN 2SA1041 PNP	2SC2489 NPN 2SA1065 PNP
2SC2239 NPN 2SA969 PNP	2SC2334 NPN 2SA1010 PNP	2SC2432 NPN 2SA1042 PNP	2SC2497 NPN 2SA1096 PNP
2SC2259 NPN 2SA979 PNP	2SC2337 NPN 2SA1007 PNP	2SC2433 NPN 2SA1043 PNP	2SC2497A NPN 2SA1096A PNP
2SC2260 NPN 2SA980 PNP	2SC2344 NPN 2SA1011 PNP	2SC2434 NPN 2SA1044 PNP	2SC2516 NPN 2SA1069 PNP
2SC2261 NPN 2SA981 PNP	2SC2362 NPN 2SA1016 PNP	2SC2435 NPN 2SA1045 PNP	2SC2516A NPN 2SA1069A PNP

## Complementary Transistors Pairs

2SC2522 NPN 2SA1072 PNP	2SC2590 NPN 2SA1110 PNP	2SC2719 NPN 2SA1152 PNP	2SC2921 NPN 2SA1215 PNP
2SC2522A NPN 2SA1072A PNP	2SC2591 NPN 2SA1111 PNP	2SC2720 NPN 2SA1153 PNP	2SC2922 NPN 2SA1216 PNP
2SC2523 NPN 2SA1073 PNP	2SC2592 NPN 2SA1112 PNP	2SC2721 NPN 2SA1154 PNP	2SC2947 NPN 2SA1219 PNP
2SC2525 NPN 2SA1075 PNP	2SC2603 NPN 2SA1115 PNP	2SC2775 NPN 2SA1171 PNP	2SC2983 NPN 2SA1225 PNP
2SC2526 NPN 2SA1076 PNP	2SC2607 NPN 2SA1116 PNP	2SC2780 NPN 2SA1173 PNP	2SC3052 NPN 2SA1235 PNP
2SC2527 NPN 2SA1077 PNP	2SC2608 NPN 2SA1117 PNP	2SC2785 NPN 2SA1175 PNP	2SC3073 NPN 2SA1243 PNP
2SC2528 NPN 2SA1078 PNP	2SC2618 NPN 2SA1121 PNP	2SC2853 NPN 2SA1188 PNP	2SC3074 NPN 2SA1244 PNP
2SC2529 NPN 2SA1079 PNP	2SC2631 NPN 2SA1123 PNP	2SC2854 NPN 2SA1189 PNP	2SC3076 NPN 2SA1241 PNP
2SC2530 NPN 2SA1080 PNP	2SC2632 NPN 2SA1124 PNP	2SC2855 NPN 2SA1190 PNP	2SC3114 NPN 2SA1246 PNP
2SC2543 NPN 2SA1081 PNP	2SC2633 NPN 2SA1125 PNP	2SC2856 NPN 2SA1191 PNP	2SC3117 NPN 2SA1249 PNP
2SC2544 NPN 2SA1083 PNP	2SC2634 NPN 2SA1127 PNP	2SC2873 NPN 2SA1213 PNP	2SC3134 NPN 2SA1252 PNP
2SC2545 NPN 2SA1083 PNP	2SC2635 NPN 2SA1126 PNP	2SC2880 NPN 2SA1200 PNP	2SC3135 NPN 2SA1253 PNP
2SC2546 NPN 2SA1084 PNP	2SC2655 NPN 2SA1020 PNP	2SC2881 NPN 2SA1201 PNP	2SC3138 NPN 2SA1255 PNP
2SC2547 NPN 2SA1085 PNP	2SC2660 NPN 2SA1133 PNP	2SC2882 NPN 2SA1202 PNP	2SC3143 NPN 2SA1257 PNP
2SC2550 NPN 2SA1090 PNP	2SC2660A NPN 2SA1133A PNP	2SC2883 NPN 2SA1203 PNP	2SC3179 NPN 2SA1262 PNP
2SC2557 NPN 2SA1091 PNP	2SC2681 NPN 2SA1141 PNP	2SC2884 NPN 2SA1204 PNP	2SC3242 NPN 2SA1282 PNP
2SC2562 NPN 2SA1012 PNP	2SC2690A NPN 2SA1220A PNP	2SC2910 NPN 2SA1208 PNP	2SC3242A NPN 2SA1282A PNP
2SC2564 NPN 2SA1094 PNP	2SC2710 NPN 2SA1150 PNP	2SC2911 NPN 2SA1209 PNP	2SC3243 NPN 2SA1283 PNP
2SC2565 NPN 2SA1095 PNP	2SC2718 NPN 2SA1151 PNP	2SC2912 NPN 2SA1210 PNP	2SC3244 NPN 2SA1284 PNP



## Complementary Transistors Pairs

2SC3245 NPN 2SA1285 PNP	2SC3393 NPN 2SA1339 PNP	2SC3502 NPN 2SA1380 PNP	
2SC3245A NPN 2SA1285A PNP	2SC3395 NPN 2SA1341 PNP	2SC3503 NPN 2SA1381 PNP	
2SC3246 NPN 2SA1286 PNP	2SC3396 NPN 2SA1342 PNP	2SC3514 NPN 2SA1383 PNP	
2SC3247 NPN 2SA1287 PNP	2SC3397 NPN 2SA1343 PNP	2SC4388 NPN 2SA1673 PNP	
2SC3248 NPN 2SA1281 PNP	2SC3398 NPN 2SA1344 PNP	2SC4467 NPN 2SA1694 PNP	
2SC3253 NPN 2SA1289 PNP	2SC3399 NPN 2SA1345 PNP	2SC4468 NPN 2SA1695 PNP	
2SC3254 NPN 2SA1290 PNP	2SC3400 NPN 2SA1346 PNP	2SC4793 NPN 2SA1837 PNP	
2SC3255 NPN 2SA1291 PNP	2SC3401 NPN 2SA1347 PNP	2SC5101 NPN 2SA1909 PNP	
2SC3265 NPN 2SA1298 PNP	2SC3402 NPN 2SA1348 PNP	2SC5200 NPN 2SA1943 PNP	
2SC3324 NPN 2SA1312 PNP	2SC3416 NPN 2SA1352 PNP	2SC5242 NPN 2SA1962 PNP	
2SC3325 NPN 2SA1313 PNP	2SC3417 NPN 2SA1353 PNP	2SC5948 NPN 2SA2120 PNP	
2SC3332 NPN 2SA1319 PNP	2SC3438 NPN 2SA1368 PNP	2SC5949 NPN 2SA2121 PNP	
2SC3339 NPN 2SA1324 PNP	2SC3439 NPN 2SA1369 PNP		
2SC3340 NPN 2SA1325 PNP	2SC3440 NPN 2SA1365 PNP		
2SC3341 NPN 2SA1326 PNP	2SC3441 NPN 2SA1366 PNP		
2SC3360 NPN 2SA1330 PNP	2SC3443 NPN 2SA1363 PNP		
2SC3361 NPN 2SA1331 PNP	2SC3444 NPN 2SA1364 PNP		
2SC3381 NPN 2SA1349 PNP	2SC3467 NPN 2SA1370 PNP		
2SC3392 NPN 2SA1338 PNP	2SC3468 NPN 2SA1371 PNP		

## Complementary Transistors Pairs

2SD19 NPN 2SB219 PNP	2SD78A NPN 2SB504A PNP	2SD234 NPN 2SB434 PNP	2SD356 NPN 2SB526 PNP
2SD20 NPN 2SB220 PNP	2SD79 NPN 2SB505 PNP	2SD235 NPN 2SB435 PNP	2SD357 NPN 2SB527 PNP
2SD21 NPN 2SB221 PNP	2SD96 NPN 2SB496 PNP	2SD255 NPN 2SA615 PNP	2SD358 NPN 2SB528 PNP
2SD22 NPN 2SB222 PNP	2SD102 NPN 2SB502 PNP	2SD261 NPN 2SA643 PNP	2SD359 NPN 2SB529 PNP
2SD23 NPN 2SB223 PNP	2SD103 NPN 2SB503 PNP	2SD284 NPN 2SB550 PNP	2SD360 NPN 2SB523 PNP
2SD30 NPN 2SB22 PNP	2SD150 NPN 2SA613 PNP	2SD287 NPN 2SB539 PNP	2SD361 NPN 2SB524 PNP
2SD31 NPN 2SB172 PNP	2SD155 NPN 2SA616 PNP	2SD287A NPN 2SB539A PNP	2SD365 NPN 2SB511 PNP
2SD32 NPN 2SB176 PNP	2SD162 NPN 2SB262 PNP	2SD287B NPN 2SB539B PNP	2SD365A NPN 2SB512A PNP
2SD33 NPN 2SB33 PNP	2SD170 NPN 2SB370 PNP	2SD287C NPN 2SB539C PNP	2SD366 NPN 2SB513 PNP
2SD34 NPN 2SB34 PNP	2SD170A NPN 2SB370A PNP	2SD297 NPN 2SB563 PNP	2SD366A NPN 2SB513A PNP
2SD37 NPN 2SB37 PNP	2SD178 NPN 2SB178 PNP	2SD315 NPN 2SB509 PNP	2SD371 NPN 2SB531 PNP
2SD38 NPN 2SB38 PNP	2SD178A NPN 2SB178A PNP	2SD325 NPN 2SB511 PNP	2SD381 NPN 2SB536 PNP
2SD72 NPN 2SB405 PNP	2SD180 NPN 2SA626 PNP	2SD327 NPN 2SA723 PNP	2SD382 NPN 2SB537 PNP
2SD73 NPN 2SB506 PNP	2SD187 NPN 2SB187 PNP	2SD328 NPN 2SB510 PNP	2SD388 NPN 2SB541 PNP
2SD74 NPN 2SB506 PNP	2SD188 NPN 2SA627 PNP	2SD330 NPN 2SB514 PNP	2SD392 NPN 2SB542 PNP
2SD75 NPN 2SB75 PNP	2SD188A NPN 2SB545A PNP	2SD331 NPN 2SB515 PNP	2SD400 NPN 2SB544 PNP
2SD77 NPN 2SB77 PNP	2SD217 NPN 2SA648 PNP	2SD336 NPN 2SA707 PNP	2SD401 NPN 2SB546 PNP
2SD77A NPN 2SB77A PNP	2SD218 NPN 2SA649 PNP	2SD340 NPN 2SB520 PNP	2SD401A NPN 2SB546A PNP
2SD78 NPN 2SB504 PNP	2SD227 NPN 2SA642 PNP	2SD355 NPN 2SB525 PNP	2SD402 NPN 2SB547 PNP

## Complementary Transistors Pairs

2SD402A NPN 2SB547A PNP	2SD486 NPN 2SB576 PNP	2SD545 NPN 2SB598 PNP	2SD588 NPN 2SB618 PNP
2SD414 NPN 2SB548 PNP	2SD487 NPN 2SB577 PNP	2SD551 NPN 2SB681 PNP	2SD588A NPN 2SB618A PNP
2SD415 NPN 2SB549 PNP	2SD488 NPN 2SB572 PNP	2SD552 NPN 2SB552 PNP	2SD592 NPN 2SB621 PNP
2SD424 NPN 2SB554 PNP	2SD489 NPN 2SB573 PNP	2SD553 NPN 2SB553 PNP	2SD592A NPN 2SB621A PNP
2SD425 NPN 2SB555 PNP	2SD490 NPN 2SB574 PNP	2SD555 NPN 2SB600 PNP	2SD593 NPN 2SB622 PNP
2SD426 NPN 2SB556 PNP	2SD491 NPN 2SB578 PNP	2SD560 NPN 2SB601 PNP	2SD596 NPN 2SB624 PNP
2SD428 NPN 2SB558 PNP	2SD493 NPN 2SB579 PNP	2SD568 NPN 2SB707 PNP	2SD600 NPN 2SB631 PNP
2SD438 NPN 2SB560 PNP	2SD494 NPN 2SB580 PNP	2SD569 NPN 2SB708 PNP	2SD601 NPN 2SB709 PNP
2SD439 NPN 2SB559 PNP	2SD495 NPN 2SB581 PNP	2SD571 NPN 2SB605 PNP	2SD601A NPN 2SB709A PNP
2SD467 NPN 2SB561 PNP	2SD496 NPN 2SB582 PNP	2SD601 NPN 2SB709 PNP	2SD602 NPN 2SB710 PNP
2SD468 NPN 2SB562 PNP	2SD497 NPN 2SB583 PNP	2SD601A NPN 2SB709A PNP	2SD602A NPN 2SB710A PNP
2SD471 NPN 2SB564 PNP	2SD498 NPN 2SB584 PNP	2SD571 NPN 2SB605 PNP	2SD608 NPN 2SB628 PNP
2SD476 NPN 2SB566 PNP	2SD502 NPN 2SB585 PNP	2SD578 NPN 2SB608 PNP	2SD610 NPN 2SB630 PNP
2SD476A NPN 2SB566A PNP	2SD503 NPN 2SB586 PNP	2SD579 NPN 2SB609 PNP	2SD612 NPN 2SB632 PNP
2SD478 NPN 2SB568 PNP	2SD504 NPN 2SB587 PNP	2SD582 NPN 2SB612 PNP	2SD613 NPN 2SB633 PNP
2SD479 NPN 2SB569 PNP	2SD505 NPN 2SB588 PNP	2SD586 NPN 2SB616 PNP	2SD633 NPN 2SB673 PNP
2SD480 NPN 2SB570 PNP	2SD506 NPN 2SB589 PNP	2SD586A NPN 2SB616A PNP	2SD634 NPN 2SB674 PNP
2SD481 NPN 2SB571 PNP	2SD525 NPN 2SB595 PNP	2SD587 NPN 2SB617 PNP	2SD635 NPN 2SB675 PNP
2SD485 NPN 2SB575 PNP	2SD526 NPN 2SB596 PNP	2SD587A NPN 2SB617A PNP	2SD638 NPN 2SB643 PNP

## Complementary Transistors Pairs

2SD639 NPN 2SB644 PNP	2SD676A NPN 2SB656A PNP	2SD743 NPN 2SB703 PNP	2SD774 NPN 2SB734 PNP
2SD646A NPN 2SB653A PNP	2SD688 NPN 2SB678 PNP	2SD743A NPN 2SB703A PNP	2SD780 NPN 2SB736 PNP
2SD661 NPN 2SB745 PNP	2SD689 NPN 2SB679 PNP	2SD745 NPN 2SB705 PNP	2SD780A NPN 2SB736A PNP
2SD661A NPN 2SB745A PNP	2SD712 NPN 2SB682 PNP	2SD745A NPN 2SB705A PNP	2SD786 NPN 2SB737 PNP
2SD665 NPN 2SB645 PNP	2SD713 NPN 2SB683 PNP	2SD745B NPN 2SB705B PNP	2SD787 NPN 2SB738 PNP
2SD666 NPN 2SB646 PNP	2SD716 NPN 2SB686 PNP	2SD746 NPN 2SB706 PNP	2SD788 NPN 2SB739 PNP
2SD666A NPN 2SB646A PNP	2SD718 NPN 2SB688 PNP	2SD746A NPN 2SB706A PNP	2SD789 NPN 2SB740 PNP
2SD667 NPN 2SB647 PNP	2SD726 NPN 2SB690 PNP	2SD751 NPN 2SB713 PNP	2SD790 NPN 2SB741 PNP
2SD667A NPN 2SB647A PNP	2SD727 NPN 2SB691 PNP	2SD753 NPN 2SB723 PNP	2SD793 NPN 2SB743 PNP
2SD668 NPN 2SB648 PNP	2SD728 NPN 2SB692 PNP	2SD754 NPN 2SB721 PNP	2SD794 NPN 2SB744 PNP
2SD668A NPN 2SB648A PNP	2SD731 NPN 2SB695 PNP	2SD755 NPN 2SB715 PNP	2SD794A NPN 2SB744A PNP
2SD669 NPN 2SB649 PNP	2SD732 NPN 2SB696 PNP	2SD756 NPN 2SB716 PNP	2SD809 NPN 2SB731 PNP
2SD669A NPN 2SB649A PNP	2SD733 NPN 2SB697 PNP	2SD756A NPN 2SB716A PNP	2SD812 NPN 2SB747 PNP
2SD673A NPN 2SB653A PNP	2SD734 NPN 2SB698 PNP	2SD757 NPN 2SB717 PNP	2SD813 NPN 2SB779 PNP
2SD674 NPN 2SB654 PNP	2SD735 NPN 2SB699 PNP	2SD758 NPN 2SB718 PNP	2SD814 NPN 2SB792 PNP
2SD674A NPN 2SB654A PNP	2SD736 NPN 2SB700 PNP	2SD759 NPN 2SB719 PNP	2SD824A NPN 2SB748A PNP
2SD675 NPN 2SB655 PNP	2SD736A NPN 2SB700A PNP	2SD760 NPN 2SB720 PNP	2SD825A NPN 2SB749A PNP
2SD675A NPN 2SB655A PNP	2SD738 NPN 2SB702 PNP	2SD767 NPN 2SB725 PNP	2SD843 NPN 2SB753 PNP
2SD676 NPN 2SB656 PNP	2SD738A NPN 2SB702A PNP	2SD773 NPN 2SB733 PNP	2SD844 NPN 2SB754 PNP

## Complementary Transistors Pairs

2SD845 NPN 2SB755 PNP	2SD889 NPN 2SB774 PNP	2SD1001 NPN 2SB800 PNP	2SD1101 NPN 2SB831 PNP
2SD847 NPN 2SB757 PNP	2SD895 NPN 2SB775 PNP	2SD1005 NPN 2SB804 PNP	2SD1110 NPN 2SB849 PNP
2SD855 NPN 2SB760 PNP	2SD896 NPN 2SB776 PNP	2SD1006 NPN 2SB805 PNP	2SD1110A NPN 2SB849A PNP
2SD855A NPN 2SB760A PNP	2SD919 NPN 2SB780 PNP	2SD1007 NPN 2SB806 PNP	2SD1122 NPN 2SB1029 PNP
2SD856 NPN 2SB761 PNP	2SD944 NPN 2SB786 PNP	2SD1009 NPN 2SB807 PNP	2SD1133 NPN 2SB857 PNP
2SD856A NPN 2SB761A PNP	2SD946A NPN 2SB895A PNP	2SD1012 NPN 2SB808 PNP	2SD1134 NPN 2SB858 PNP
2SD857 NPN 2SB762 PNP	2SD958 NPN 2SB788 PNP	2SD1020 NPN 2SB810 PNP	2SD1135 NPN 2SB859 PNP
2SD857A NPN 2SB762A PNP	2SD959 NPN 2SB867 PNP	2SD1021 NPN 2SB811 PNP	2SD1137 NPN 2SB860 PNP
2SD858 NPN 2SB763 PNP	2SD960 NPN 2SB868 PNP	2SD1032 NPN 2SB812 PNP	2SD1138 NPN 2SB861 PNP
2SD858A NPN 2SB763A PNP	2SD961 NPN 2SB869 PNP	2SD1032A NPN 2SB812A PNP	2SD1153 NPN 2SB865 PNP
2SD863 NPN 2SB764 PNP	2SD968 NPN 2SB789 PNP	2SD1033 NPN 2SB768 PNP	2SD1159 NPN 2SB1037 PNP
2SD866 NPN 2SB870 PNP	2SD968A NPN 2SB789A PNP	2SD1046 NPN 2SB816 PNP	2SD1176A NPN 2SB872A PNP
2SD873 NPN 2N3773 PNP	2SD969 NPN 2SB790 PNP	2SD1047 NPN 2SB817 PNP	2SD1177 NPN 2SB874 PNP
2SD874 NPN 2SB766 PNP	2SD970 NPN 2SB791 PNP	2SD1048 NPN 2SB815 PNP	2SD1206 NPN 2SB894 PNP
2SD874A NPN 2SB766A PNP	2SD973 NPN 2SB793 PNP	2SD1051 NPN 2SB819 PNP	2SD1211 NPN 2SB987 PNP
2SD875 NPN 2SB767 PNP	2SD973A NPN 2SB793A PNP	2SD1068 NPN 2SB832 PNP	2SD1220 NPN 2SB905 PNP
2SD877 NPN 2SB502A PNP	2SD997 NPN 2SB796 PNP	2SD1077 NPN 2SB836 PNP	2SD1221 NPN 2SB906 PNP
2SD878 NPN 2N3055 PNP	2SD999 NPN 2SB798 PNP	2SD1080 NPN 2SB840 PNP	2SD1238 NPN 2SB922 PNP
2SD882 NPN 2SB772 PNP	2SD1000 NPN 2SB799 PNP	2SD1081 NPN 2SB841 PNP	2SD1250 NPN 2SB928 PNP

## Complementary Transistors Pairs

2SD1250A NPN 2SB928A PNP	2SD1266A NPN 2SB941A PNP	2SD1345 NPN 2SB983 PNP	2SD1489 NPN 2SB1058 PNP
2SD1252 NPN 2SB929 PNP	2SD1267 NPN 2SB942 PNP	2SD1347 NPN 2SB985 PNP	2SD1490 NPN 2SB1059 PNP
2SD1252A NPN 2SB929A PNP	2SD1267A NPN 2SB942A PNP	2SD1348 NPN 2SB986 PNP	2SD1499 NPN 2SB1063 PNP
2SD1253 NPN 2SB930 PNP	2SD1268 NPN 2SB943 PNP	2SD1366 NPN 2SB1000 PNP	2SD1513 NPN 2SB1068 PNP
2SD1253A NPN 2SB930A PNP	2SD1269 NPN 2SB944 PNP	2SD1366A NPN 2SB1000A PNP	2SD1520 NPN 2SB1072 PNP
2SD1254 NPN 2SB931 PNP	2SD1270 NPN 2SB945 PNP	2SD1367 NPN 2SB1001 PNP	2SD1558 NPN 2SB1077 PNP
2SD1255 NPN 2SB932 PNP	2SD1271 NPN 2SB946 PNP	2SD1368 NPN 2SB1002 PNP	2SD1601 NPN 2SB1101 PNP
2SD1256 NPN 2SB933 PNP	2SD1275 NPN 2SB949 PNP	2SD1418 NPN 2SB1025 PNP	2SD1602 NPN 2SB1101 PNP
2SD1257 NPN 2SB934 PNP	2SD1275A NPN 2SB949A PNP	2SD1419 NPN 2SB1026 PNP	2SD1603 NPN 2SB1103 PNP
2SD1257A NPN 2SB934A PNP	2SD1276 NPN 2SB950 PNP	2SD1420 NPN 2SB1027 PNP	2SD1603 NPN 2SB1104 PNP
2SD1260 NPN 2SB937 PNP	2SD1276A NPN 2SB950A PNP	2SD1421 NPN 2SB1028 PNP	2SD1608 NPN 2SB1108 PNP
2SD1260A NPN 2SB937A PNP	2SD1277 NPN 2SB951 PNP	2SD1422 NPN 2SB1029 PNP	2SD1614 NPN 2SB1114 PNP
2SD1261 NPN 2SB938 PNP	2SD1277A NPN 2SB951A PNP	2SD1435K NPN 2SB1031K PNP	2SD1615 NPN 2SB1115 PNP
2SD1261A NPN 2SB938A PNP	2SD1280 NPN 2SB956 PNP	2SD1447 NPN 2SB1035 PNP	2SD1615A NPN 2SB1115A PNP
2SD1262 NPN 2SB939 PNP	2SD1281 NPN 2SB957 PNP	2SD1459 NPN 2SB1037 PNP	2SD1616 NPN 2SB1116 PNP
2SD1262A NPN 2SB939A PNP	2SD1295 NPN 2SB968 PNP	2SD1463 NPN 2SB1045 PNP	2SD1749A NPN 2SB1179A PNP
2SD1264 NPN 2SB940 PNP	2SD1310 NPN 2SB1038 PNP	2SD1464 NPN 2SB1046 PNP	2SD1857A NPN 2SB1236A PNP
2SD1264A NPN 2SB940A PNP	2SD1318 NPN 2SB986 PNP	2SD1465 NPN 2SB1047 PNP	2SD1978 NPN 2SB1387 PNP
2SD1266 NPN 2SB941 PNP	2SD1332 NPN 2SB979 PNP	2SD1486 NPN 2SB1055 PNP	

## Complementary Transistors Pairs

2N2222 NPN 2N2907 PNP	BC140 NPN BC160 PNP	MJL4281A NPN MJL4302A PNP	TIP120 NPN TIP125 PNP	
2N3904 NPN 2N3906 PNP	BC337 NPN BC557 PNP		TIP142 NPN TIP147 PNP	
2N4401 NPN 2N4403 PNP	BC338 NPN BC328 PNP		TIP122 NPN TIP127 PNP	
2N5551 NPN 2N5401 PNP	BC547 NPN BC327 PNP		TIP3055 NPN TIP2955 PNP	
2N5686 NPN 2N5684 PNP	BC549 NPN BC559 PNP			

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