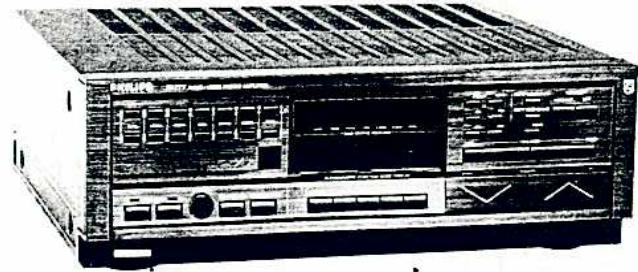


Service
Service
Service



Service Manual

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(GB)

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

(NL)

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast.

(F)

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

(D)

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden für Reparaturen sind Original-Ersatzteile zu verwenden.

(I)

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati pezzi di ricambio identici a quelli specificati.

Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Servicio



"Pour votre sécurité, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne".

Subject to modification
4822 725 21681

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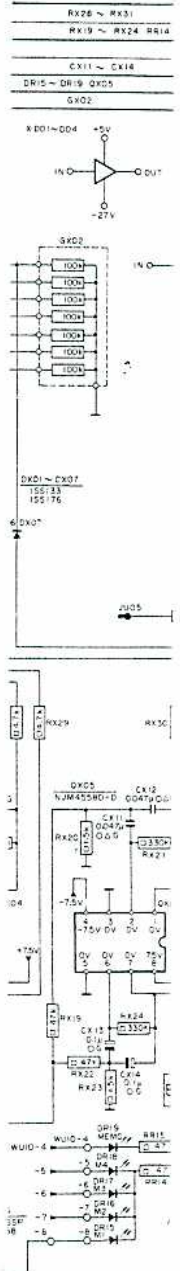
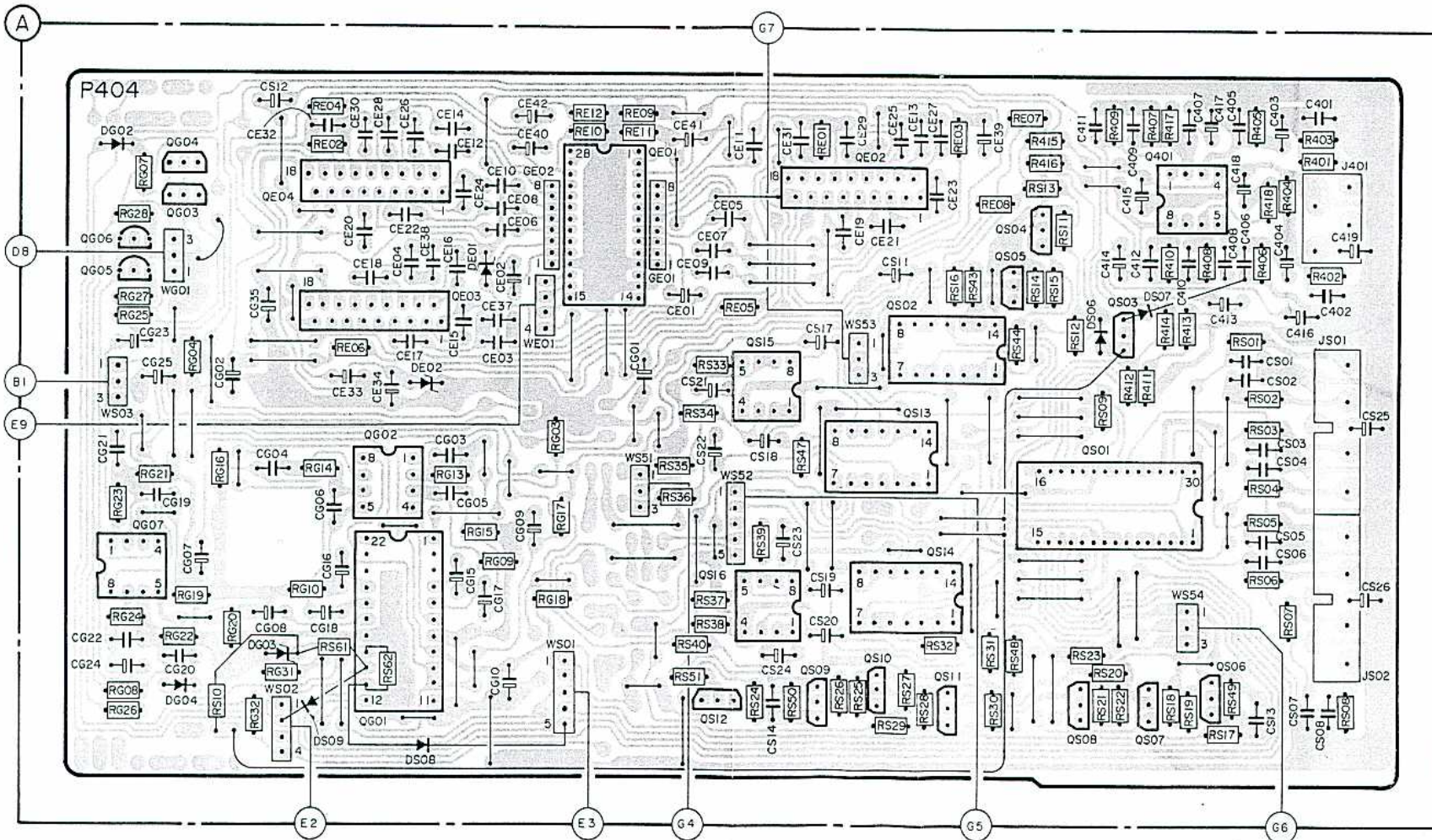
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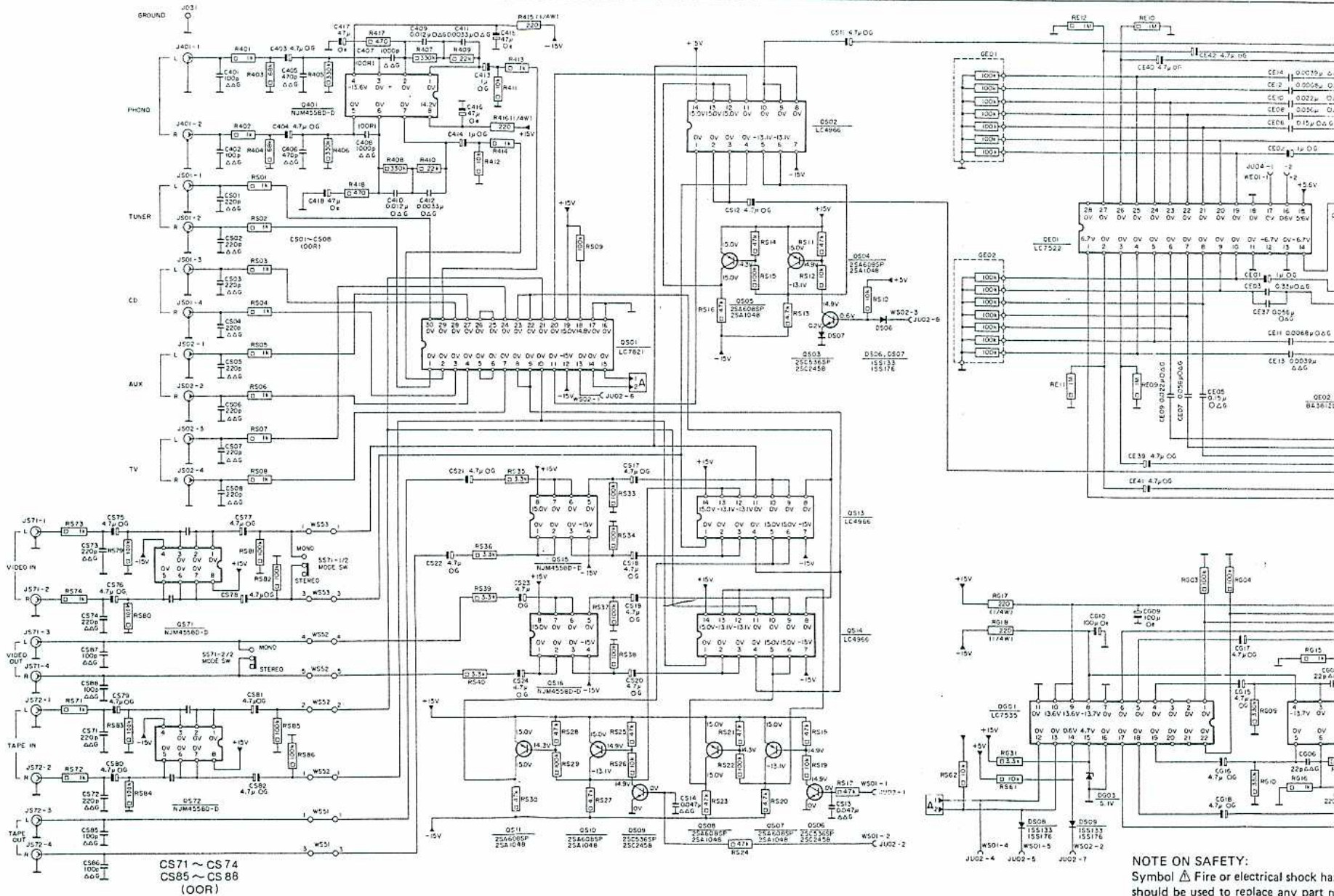
WIRING DIAGRAM

| | | | | | | | | | | |
|-------|----------------|--------------------------------------------------------|--------------------------|-----------|----------------|----------------|-----------|-----------|----------------|-----------|
| R | RG19~RG28 RG16 | RE04 RE06 | RG15 | RE09~RE12 | RS33~RS40 | RE01 | RE03 RE08 | RE07 | R407~R414 R417 | R401~R406 |
| C | CG19 CG25 | CS12 CE32~CE34 CE30 CE28 CE22 CE14~CE18 CE37 CG15 CG17 | CE01 CE09 CE07 CE05 CE11 | CS17~CS20 | CS11 CE23 CE39 | C409~C415 C417 | C401~C408 | C416 | CS25 | |
| Q | QG03~QG07 | QE04 | QG02 QG01 | QE03 | QE01 | QS09~QS16 | QE02 | QS01~QS05 | Q401 | |
| D - G | DG02 DG04 | DG03 | DS09 | DE02 DS08 | GE02 | GE01 | DS06 | DS07 | | |



SCHEMATIC DIAGRAM

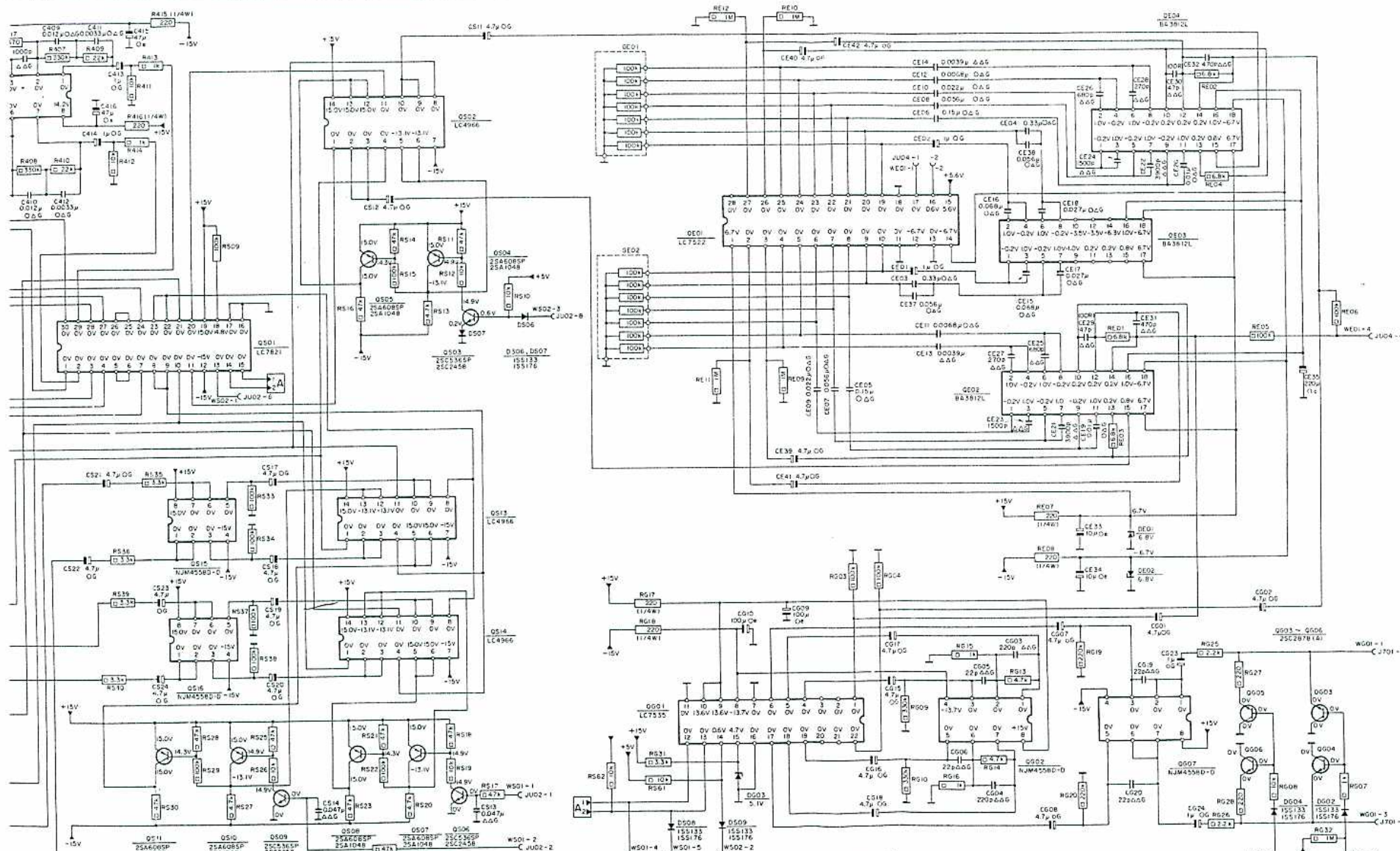
| | | | | | | | | | | | | | | |
|-------|-------------------------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|----------------|------|-------------|-----------|------------------|
| R | RS01 ~ RS08 RA01 ~ RA06 | RA08 RA17 | RA07 ~ RA10 | RA11 ~ RA16 | RS09 | RS10 ~ RS16 | RS07 RS18 | RS09 ~ RS12 | | | | | | |
| C | CS71 ~ CS74 CS79 ~ CS86 | CS51 ~ CS54 | CS01 ~ CS08 | CS01 ~ CS06 | CS18 CS17 | CS13 ~ CS16 | CS17 ~ CS20 | CS14 | CS12 | CS11 | CS10 | CS09 ~ CS12 | CS03 RS04 | CS05 RS10 ~ RS16 |
| Q - B | QS71 QS72 | | Q401 | Q501 | Q515 Q516 | Q506 ~ Q511 | Q502 Q513 | Q514 | Q503 ~ Q505 | Q507 Q503 Q506 | | Q508 Q509 | Q503 Q501 | Q502 |
| S - G | | SS71 | | | | | | | | | | GS01 GS02 | | |



NOTE ON SAFETY:
 Symbol Fire or electrical shock hazard should be used to replace any part. Any other component substitution (type), may increase risk of fire or

SCHEMATIC DIAGRAM

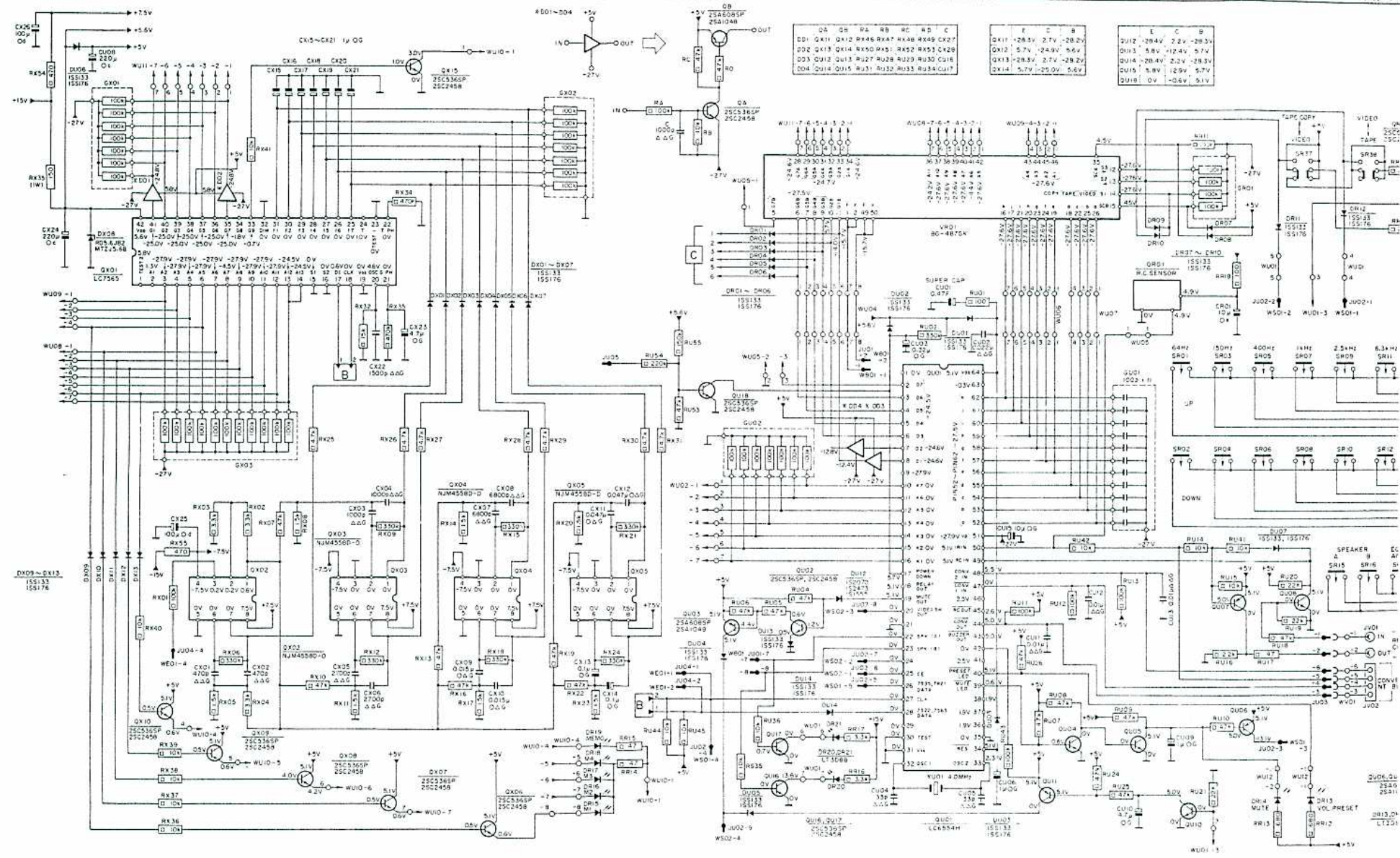
| | | | | | | | | | | | | | |
|---|-------------|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|-------|
| 7 | R407 ~ R410 | R411 ~ R416 | R509 | R510 ~ R516 | R617 R618 | RE09 ~ RE12 | RE03 | RE01 | RE02 | RE04 | RE05 | RE06 | R |
| 7 | C407 ~ C410 | C411 ~ C416 | C512 | C511 | CE19 ~ CE24 | CE37 | CE01 ~ CE14 | CE38 | CE15 ~ CE18 | CE19 ~ CE32 | CE33 | CE34 | C |
| 1 | DS01 | DS15 | DS16 | DS06 ~ DS11 | DS02 | DS13 | DS14 | DS03 ~ DS05 | DS07 | DS03 | DS04 | DS05 | D - D |
| | | | | | | | DS08 | DS09 | DS03 | DS01 | DS02 | DS07 | S - G |



NOTE ON SAFETY:
 Symbol \triangle Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol \triangle . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

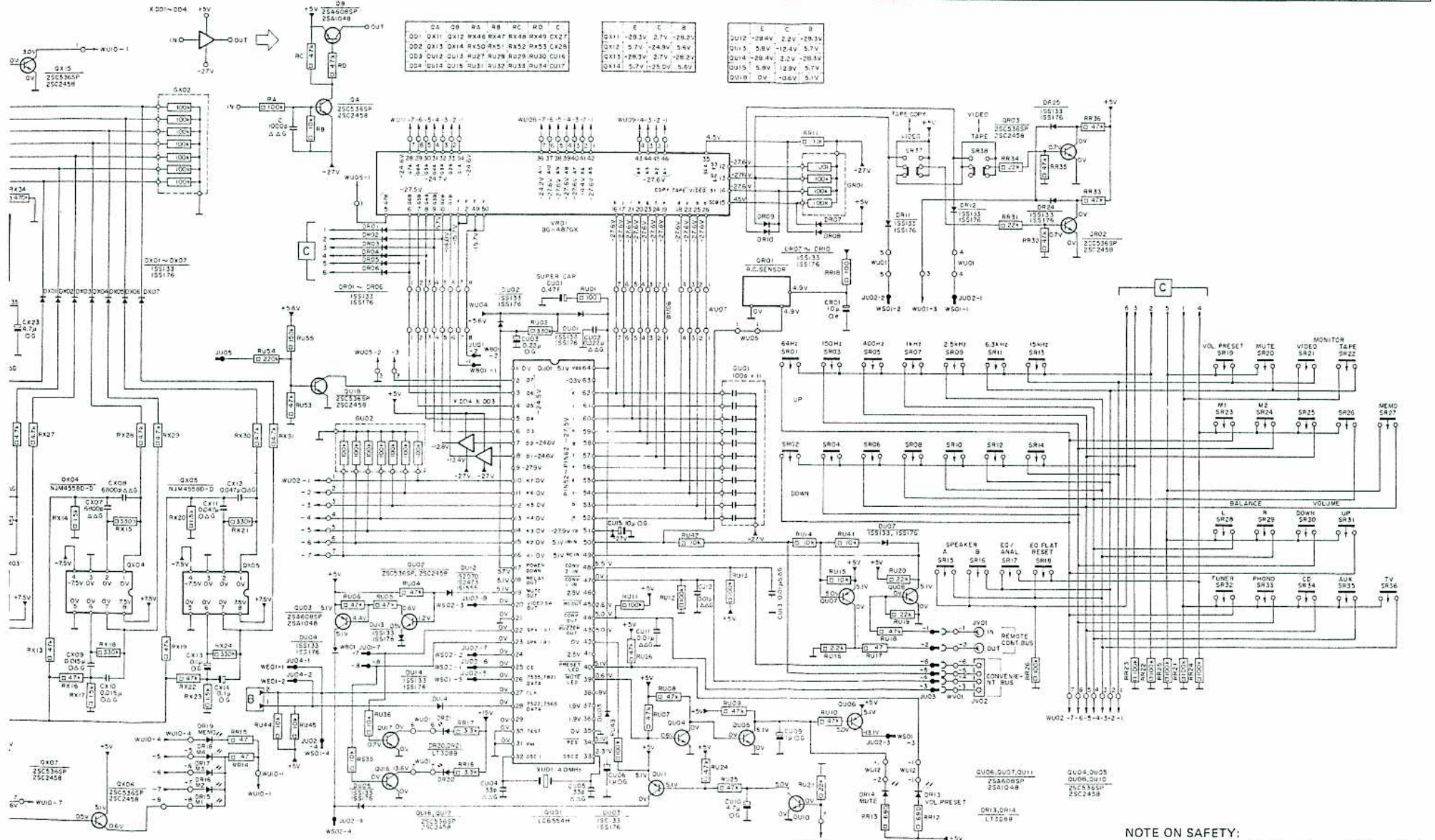
SCHEMATIC DIAGRAM

| | | | | | | | | | | | |
|-----------|-----------------------------|--------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| R | RX35 RX54 | RX55 RX36 ~ RX40 | RX41 RX01 ~ RX06 | RX25 ~ RX27 RX32 ~ RX34 RX07 ~ RX12 | RX13 ~ RX18 | RX28 ~ RX31 RX19 ~ RX24 RX14 RX15 RX16 RX17 | RU19 RU33 ~ RU35 | RU02 RU01 | RU03 RU04 RU05 RU06 RU07 ~ RU13 | RU11 RU18 | RU19 RU20 RU21 RU22 |
| C | CX26 CX24 CX28 ~ CX13 | CX25 CX01 CX02 | CX15 ~ CX21 CX02 CX01 | CX03 ~ CX06 CX07 ~ CX10 | CX11 ~ CX14 | CU01 CU08 CU03 CU04 CU05 CU06 CU11 CU12 CU10 CU09 CU13 | CU01 CU02 CU03 CU04 CU05 CU06 CU11 CU12 CU10 CU09 CU13 | CU01 CU02 CU03 CU04 CU05 CU06 CU11 CU12 CU10 CU09 CU13 | CU01 CU02 CU03 CU04 CU05 CU06 CU11 CU12 CU10 CU09 CU13 | CU01 CU02 CU03 CU04 CU05 CU06 CU11 CU12 CU10 CU09 CU13 | CU01 CU02 CU03 CU04 CU05 CU06 CU11 CU12 CU10 CU09 CU13 |
| D - D - V | DU06 DU08 DU09 ~ DU13 | DD1 DX10 DX09 DD2 DX02 DX01 | DX08 DX03 DX07 DX15 DX06 DX01 ~ DX07 DX04 | DX03 DX07 DX15 DX06 DX01 ~ DX07 DX04 | DX15 ~ DX18 DX05 | DU08 DU04 ~ DU06 DU03 DU02 DU01 DU07 DU05 DU04 DU03 DU01 DU02 | DU08 DU04 ~ DU06 DU03 DU02 DU01 DU07 DU05 DU04 DU03 DU01 DU02 | DU08 DU04 ~ DU06 DU03 DU02 DU01 DU07 DU05 DU04 DU03 DU01 DU02 | DU08 DU04 ~ DU06 DU03 DU02 DU01 DU07 DU05 DU04 DU03 DU01 DU02 | DU08 DU04 ~ DU06 DU03 DU02 DU01 DU07 DU05 DU04 DU03 DU01 DU02 | DU08 DU04 ~ DU06 DU03 DU02 DU01 DU07 DU05 DU04 DU03 DU01 DU02 |
| S - V - Q | QX01 | QX03 | QX02 | QX03 QX07 QX15 QX06 QX01 ~ QX07 QX04 | QX02 | QU01 QU02 QU03 QU04 QU05 QU06 QU07 QU08 QU09 QU10 QU11 QU12 QU13 | QU01 QU02 QU03 QU04 QU05 QU06 QU07 QU08 QU09 QU10 QU11 QU12 QU13 | QU01 QU02 QU03 QU04 QU05 QU06 QU07 QU08 QU09 QU10 QU11 QU12 QU13 | QU01 QU02 QU03 QU04 QU05 QU06 QU07 QU08 QU09 QU10 QU11 QU12 QU13 | QU01 QU02 QU03 QU04 QU05 QU06 QU07 QU08 QU09 QU10 QU11 QU12 QU13 | QU01 QU02 QU03 QU04 QU05 QU06 QU07 QU08 QU09 QU10 QU11 QU12 QU13 |



SCHEMATIC DIAGRAM

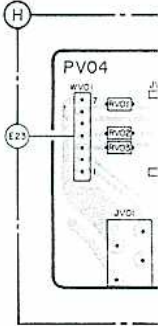
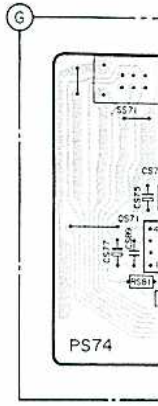
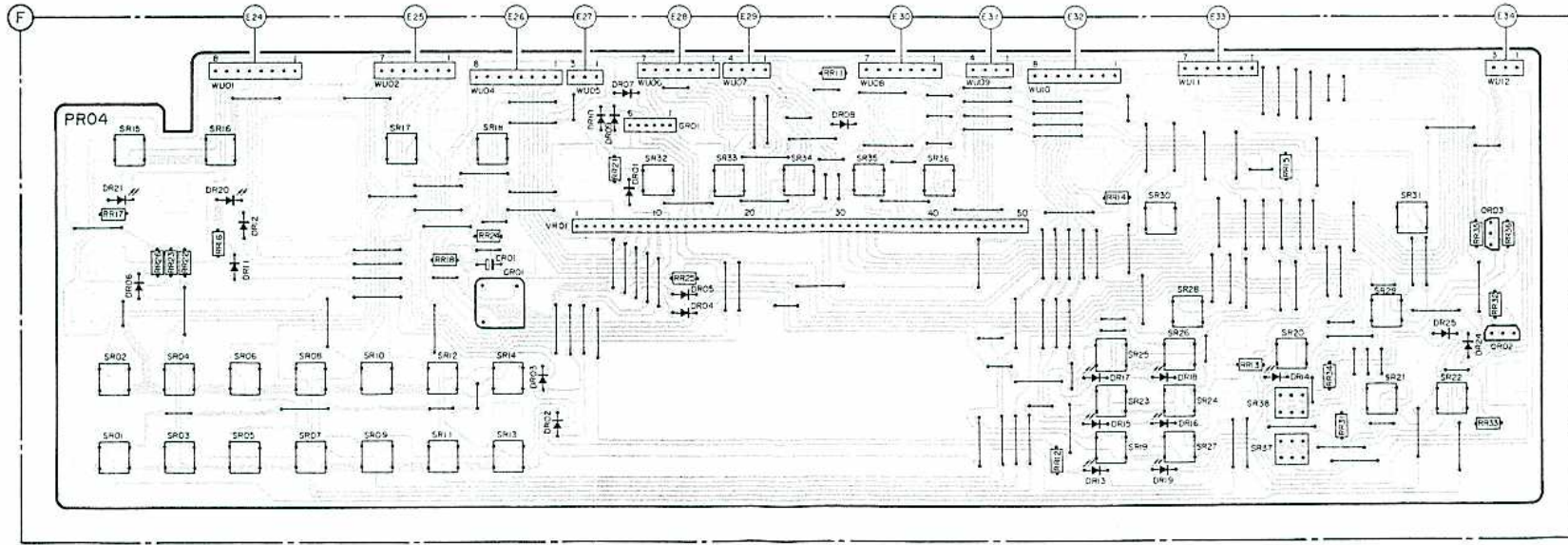
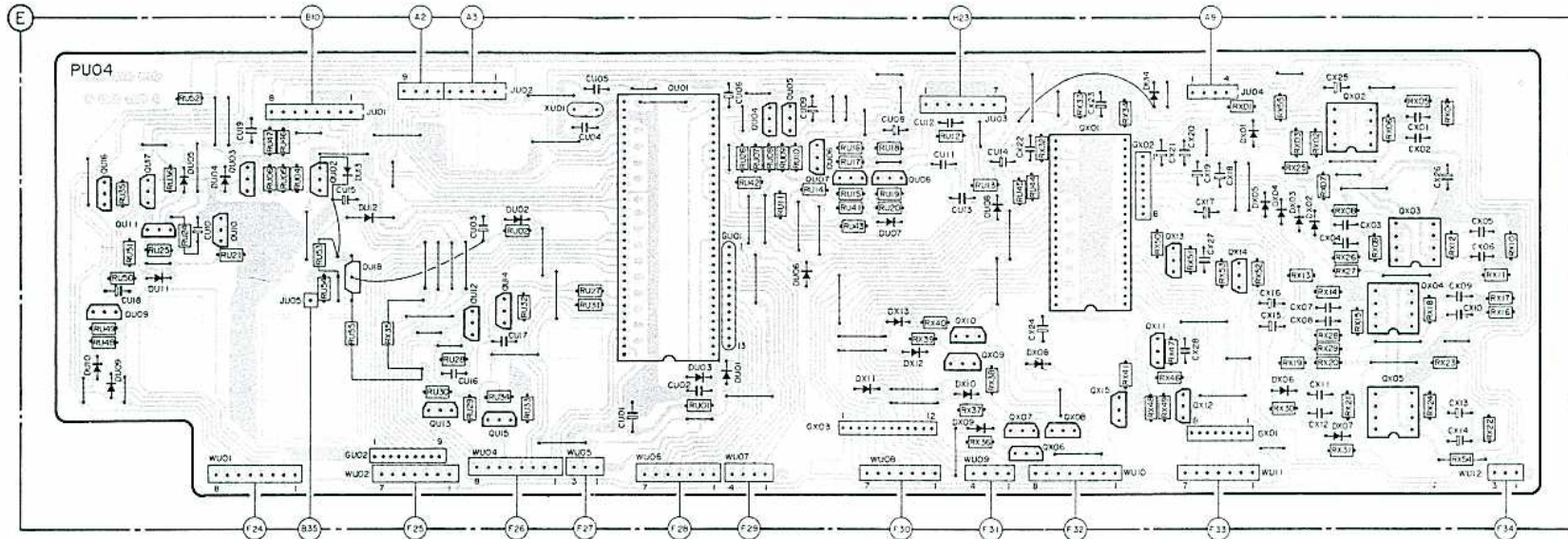
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| 132 ~ RX34 | RX28 ~ RX31 | RR18 ~ RU53 ~ RU55 | RU02 | RU01 | RU45 | RU42 | RU26 ~ RU25 | RU07 ~ RU13 | RR11 | RR18 | RR11 ~ RR36 | RR12 ~ RR17 | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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DR139 | DR140 | DR141 | DR142 | DR143 | DR144 | DR145 | DR146 | DR147 | DR148 | DR149 | DR150 | DR151 | DR152 | DR153 | DR154 | DR155 | DR156 | DR157 | DR158 | DR159 | DR160 | DR161 | DR162 | DR163 | DR164 | DR165 | DR166 | DR167 | DR168 | DR169 | DR170 | DR171 | DR172 | DR173 | DR174 | DR175 | DR176 | DR177 | DR178 | DR179 | DR180 | DR181 | DR182 | DR183 | DR184 | DR185 | DR186 | DR187 | DR188 | DR189 | DR190 | DR191 | DR192 | DR193 | DR194 | DR195 | DR196 | DR197 | DR198 | DR199 | DR200 | DR201 | DR202 | DR203 | DR204 | DR205 | DR206 | DR207 | DR208 | DR209 | DR210 | DR211 | DR212 | DR213 | DR214 | DR215 | DR216 | DR217 | DR218 | DR219 | DR220 | DR221 | DR222 | DR223 | DR224 | DR225 | DR226 | DR227 | DR228 | DR229 | DR230 | DR231 | DR232 | DR233 | DR234 | DR235 | DR236 | DR237 | DR238 | DR239 | DR240 | DR241 | DR242 | DR243 | DR244 | DR245 | DR246 | DR247 | DR248 | DR249 | DR250 | DR251 | DR252 | DR253 | DR254 | DR255 | DR256 | DR257 | DR258 | DR259 | DR260 | DR261 | DR262 | DR263 | DR264 | DR265 | DR266 | DR267 | DR268 | DR269 | DR270 | DR271 | DR272 | DR273 | DR274 | DR275 | DR276 | DR277 | DR278 | DR279 | DR280 | DR281 | DR282 | DR283 | DR284 | DR285 | DR286 | DR287 | DR288 | DR289 | DR290 | DR291 | DR292 | DR293 | DR294 | DR295 | DR296 | DR297 | DR298 | DR299 | DR300 | DR301 | DR302 | DR303 | DR304 | DR305 | DR306 | DR307 | DR308 | DR309 | DR310 | DR311 | DR312 | DR313 | DR314 | DR315 | DR316 | DR317 | DR318 | DR319 | DR320 | DR321 | DR322 | DR323 | DR324 | DR325 | DR326 | DR327 | DR328 | DR329 | DR330 | DR331 | DR332 | DR333 | DR334 | DR335 | DR336 | DR337 | DR338 | DR339 | DR340 | DR341 | DR342 | DR343 | DR344 | DR345 | DR346 | DR347 | DR348 | DR349 | DR350 | DR351 | DR352 | DR353 | DR354 | DR355 | DR356 | DR357 | DR358 | DR359 | DR360 | DR361 | DR362 | DR363 | DR364 | DR365 | DR366 | DR367 | DR368 | DR369 | DR370 | DR371 | DR372 | DR373 | DR374 | DR375 | DR376 | DR377 | DR378 | DR379 | DR380 | DR381 | DR382 | DR383 | DR384 | DR385 | DR386 | DR387 | DR388 | DR389 | DR390 | DR391 | DR392 | DR393 | DR394 | DR395 | DR396 | DR397 | DR398 | DR399 | DR400 | DR401 | DR402 | DR403 | DR404 | DR405 | DR406 | DR407 | DR408 | DR409 | DR410 | DR411 | DR412 | DR413 | DR414 | DR415 | DR416 | DR417 | DR418 | DR419 | DR420 | DR421 | DR422 | DR423 | DR424 | DR425 | DR426 | DR427 | DR428 | DR429 | DR430 | DR431 | DR432 | DR433 | DR434 | DR435 | DR436 | DR437 | DR438 | DR439 | DR440 | DR441 | DR442 | DR443 | DR444 | DR445 | DR446 | DR447 | DR448 | DR449 | DR450 | DR451 | DR452 | DR453 | DR454 | DR455 | DR456 | DR457 | DR458 | DR459 | DR460 | DR461 | DR462 | DR463 | DR464 | DR465 | DR466 | DR467 | DR468 | DR469 | DR470 | DR471 | DR472 | DR473 | DR474 | DR475 | DR476 | DR477 | DR478 | DR479 | DR480 | DR481 | DR482 | DR483 | DR484 | DR485 | DR486 | DR487 | DR488 | DR489 | DR490 | DR491 | DR492 | DR493 | DR494 | DR495 | DR496 | DR497 | DR498 | DR499 | DR500 | DR501 | DR502 | DR503 | DR504 | DR505 | DR506 | DR507 | DR508 | DR509 | DR510 | DR511 | DR512 | DR513 | DR514 | DR515 | DR516 | DR517 | DR518 | DR519 | DR520 | DR521 | DR522 | DR523 | DR524 | DR525 | DR526 | DR527 | DR528 | DR529 | DR530 | DR531 | DR532 | DR533 | DR534 | DR535 | DR536 | DR537 | DR538 | DR539 | DR540 | DR541 | DR542 | DR543 | DR544 | DR545 | DR546 | DR547 | DR548 | DR549 | DR550 | DR551 | DR552 | DR553 | DR554 | DR555 | DR556 | DR557 | DR558 | DR559 | DR560 | DR561 | DR562 | DR563 | DR564 | DR565 | DR566 | DR567 | DR568 | DR569 | DR570 | DR571 | DR572 | DR573 | DR574 | DR575 | DR576 | DR577 | DR578 | DR579 | DR580 | DR581 | DR582 | DR583 | DR584 | DR585 | DR586 | DR587 | DR588 | DR589 | DR590 | DR591 | DR592 | DR593 | DR594 | DR595 | DR596 | DR597 | DR598 | DR599 | DR600 | DR601 | DR602 | DR603 | DR604 | DR605 | DR606 | DR607 | DR608 | DR609 | DR610 | DR611 | DR612 | DR613 | DR614 | DR615 | DR616 | DR617 | DR618 | DR619 | DR620 | DR621 | DR622 | DR623 | DR624 | DR625 | DR626 | DR627 | DR628 | DR629 | DR630 | DR631 | DR632 | DR633 | DR634 | DR635 | DR636 | DR637 | DR638 | DR639 | DR640 | DR641 | DR642 | DR643 | DR644 | DR645 | DR646 | DR647 | DR648 | DR649 | DR650 | DR651 | DR652 | DR653 | DR654 | DR655 | DR656 | DR657 | DR658 | DR659 | DR660 | DR661 | DR662 | DR663 | DR664 | DR665 | DR666 | DR667 | DR668 | DR669 | DR670 | DR671 | DR672 | DR673 | DR674 | DR675 | DR676 | DR677 | DR678 | DR679 | DR680 | DR681 | DR682 | DR683 | DR684 | DR685 | DR686 | DR687 | DR688 | DR689 | DR690 | DR691 | DR692 | DR693 | DR694 | DR695 | DR696 | DR697 | DR698 | DR699 | DR700 | DR701 | DR702 | DR703 | DR704 | DR705 | DR706 | DR707 | DR708 | DR709 | DR710 | DR711 | DR712 | DR713 | DR714 | DR715 | DR716 | DR717 | DR718 | DR719 | DR720 | DR721 | DR722 | DR723 | DR724 | DR725 | DR726 | DR727 | DR728 | DR729 | DR730 | DR731 | DR732 | DR733 | DR734 | DR735 | DR736 | DR737 | DR738 | DR739 | DR740 | DR741 | DR742 | DR743 | DR744 | DR745 | DR746 | DR747 | DR748 | DR749 | DR750 | DR751 | DR752 | DR753 | DR754 | DR755 | DR756 | DR757 | DR758 | DR759 | DR760 | DR761 | DR762 | DR763 | DR764 | DR765 | DR766 | DR767 | DR768 | DR769 | DR770 | DR771 | DR772 | DR773 | DR774 | DR775 | DR776 | DR777 | DR778 | DR779 | DR780 | DR781 | DR782 | DR783 | DR784 | DR785 | DR786 | DR787 | DR788 | DR789 | DR790 | DR791 | DR792 | DR793 | DR794 | DR795 | DR796 | DR797 | DR798 | DR799 | DR800 | DR801 | DR802 | DR803 | DR804 | DR805 | DR806 | DR807 | DR808 | DR809 | DR810 | DR811 | DR812 | DR813 | DR814 | DR815 | DR816 | DR817 | DR818 | DR819 | DR820 | DR821 | DR822 | DR823 | DR824 | DR825 | DR826 | DR827 | DR828 | DR829 | DR830 | DR831 | DR832 | DR833 | DR834 | DR835 | DR836 | DR837 | DR838 | DR839 | DR840 | DR841 | DR842 | DR843 | DR844 | DR845 | DR846 | DR847 | DR848 | DR849 | DR850 | DR851 | DR852 | DR853 | DR854 | DR855 | DR856 | DR857 | DR858 | DR859 | DR860 | DR861 | DR862 | DR863 | DR864 | DR865 | DR866 | DR867 | DR868 | DR869 | DR870 | DR871 | DR872 | DR873 | DR874 | DR875 | DR876 | DR877 | DR878 | DR879 | DR880 | DR881 | DR882 | DR883 | DR884 | DR885 | DR886 | DR887 | DR888 | DR889 | DR890 | DR891 | DR892 | DR893 | DR894 | DR895 | DR896 | DR897 | DR898 | DR899 | DR900 | DR901 | DR902 | DR903 | DR904 | DR905 | DR906 | DR907 | DR908 | DR909 | DR910 | DR911 | DR912 | DR913 | DR914 | DR915 | DR916 | DR917 | DR918 | DR919 | DR920 | DR921 | DR922 | DR923 | DR924 | DR925 | DR926 | DR927 | DR928 | DR929 | DR930 | DR931 | DR932 | DR933 | DR934 | DR935 | DR936 | DR937 | DR938 | DR939 | DR940 | DR941 | DR942 | DR943 | DR944 | DR945 | DR946 | DR947 | DR948 | DR949 | DR950 | DR951 | DR952 | DR953 | DR954 | DR955 | DR956 | DR957 | DR958 | DR959 | DR960 | DR961 | DR962 | DR963 | DR964 | DR965 | DR966 | DR967 | DR968 | DR969 | DR970 | DR971 | DR972 | DR973 | DR974 | DR975 | DR976 | DR977 | DR978 | DR979 | DR980 | DR981 | DR982 | DR983 | DR984 | DR985 | DR986 | DR987 | DR988 | DR989 | DR990 | DR991 | DR992 | DR993 | DR994 | DR995 | DR996 | DR997 | DR998 | DR999 | DR1000 |



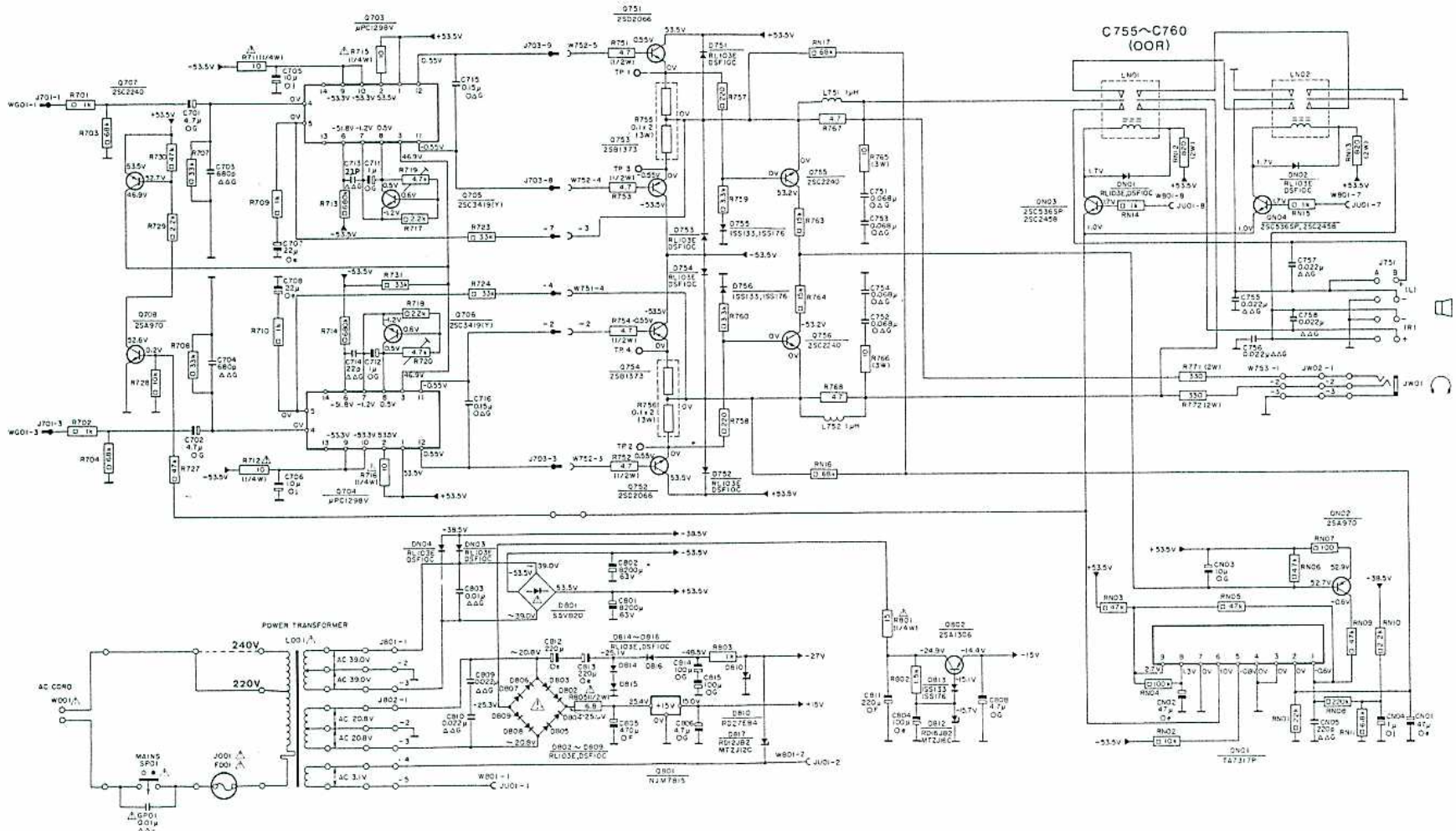
NOTE ON SAFETY:
 Symbol Δ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol Δ . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

WIRING DIAGRAM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-----------|-----------|------|-----------|------|-----------|-----------|------|-----------|-----------|-----------|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------|------|-----------|-----------|------|-----------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | RJ48~RJ52 | RJ24 RJ36 | RJ21 | RJ47 RJ46 | RX35 | RJ28~RJ30 | RJ32~RJ34 | RJ27 | RJ01 RJ26 | RJ07~RJ11 | RJ05~RJ20 | RJ17 | RJ13 | RJ45 RJ44 | RX46~RX53 | RX01~RX03 | RX25~RX51 | RX04~RX06 | RX10~RX12 | | | | | | | | | | | | | | | | | | | | | | |
| K | RJ35 RJ25 | | | RU04~RU06 | | | RU02 | RU11 | RU42 | RU14 | RJ41 RJ45 | RX36~RX40 | RX32 | RX33 | RJ34 | RX41 | RX55 | RX13 | RX10~RX21 | RX15 | RX16~RX18 | | | | | | | | | | | | | | | | | | | | |
| | RR17 | RR26 | RR23 | RR22 | RR16 | RU53~RU55 | RR18 | RR24 | RR21 | RR25 | RR11 | RR12 | RR14 | | | | RR13 | RR15 | RR17~RR21 | RR15 | RR22~RR24 | RR10~RR12 | | | | | | | | | | | | | | | | | | | |
| C | | CU18 | CU10 | CU15 | CU15 | CU15 | CU16 | CU03 | CU17 | CU04 | CU05 | CU01 | CU02 | CU06 | CU09 | CU11~CU14 | CU22~CU24 | CU17~CU21 | CU16 | CU15 | CU11 | CU12 | | | | | | | | | | | | | | | | | | | |
| D-S-X | DU09 | DU11 | DR21 | DR06 | DU05 | DU04 | DR20 | DR11 | DR12 | SR01~SR16 | DU13 | DU12 | DU02 | XU01 | DR05 | DR02 | DR10 | DR09 | DR01 | DU03 | DR02 | DR03 | DR04 | DR06 | DR05 | DX09~DX13 | DX07 | SR22 | SR36 | DX08 | DX15 | DX16 | SR38 | SR37 | DR14 | DX17 | DR25 | DR24 | SS71 | | |
| D-V | DU16 | DU17 | DU09 | DU11 | DU03 | DU02 | DU02 | DU18 | DU12~DU14 | QR01 | VR01 | GR01 | DU01 | GU01 | GU01 | DU04~DU06 | EX01 | GX06~GX10 | GX01 | GX15 | GX02 | GX11~GX14 | GX01 | GX02~GX05 | GX03 | GX02 | GX03 | GX02 | GX03 | GX04 | GX05 | GX06 | GX07 | GX08 | GX09 | GX10 | GX11 | GX12 | GX13 | GX14 | GX15 |



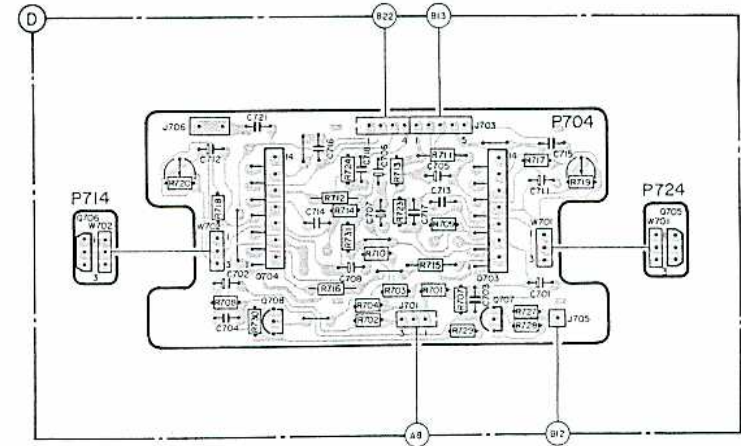
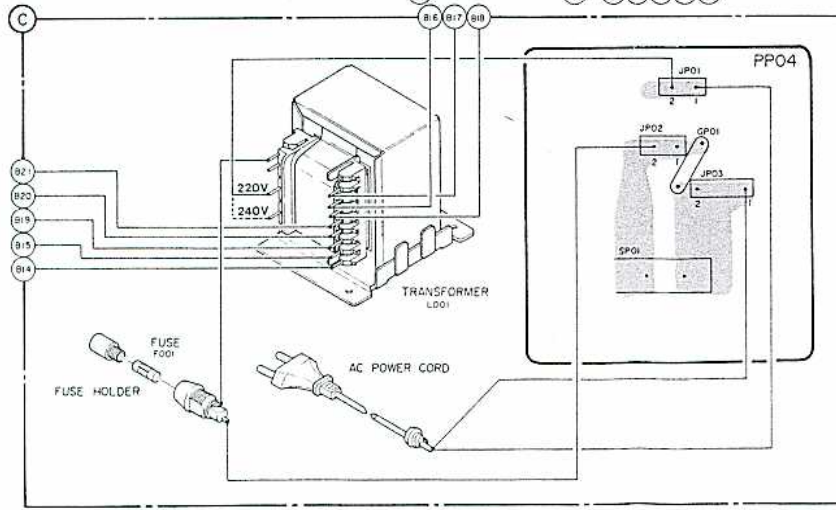
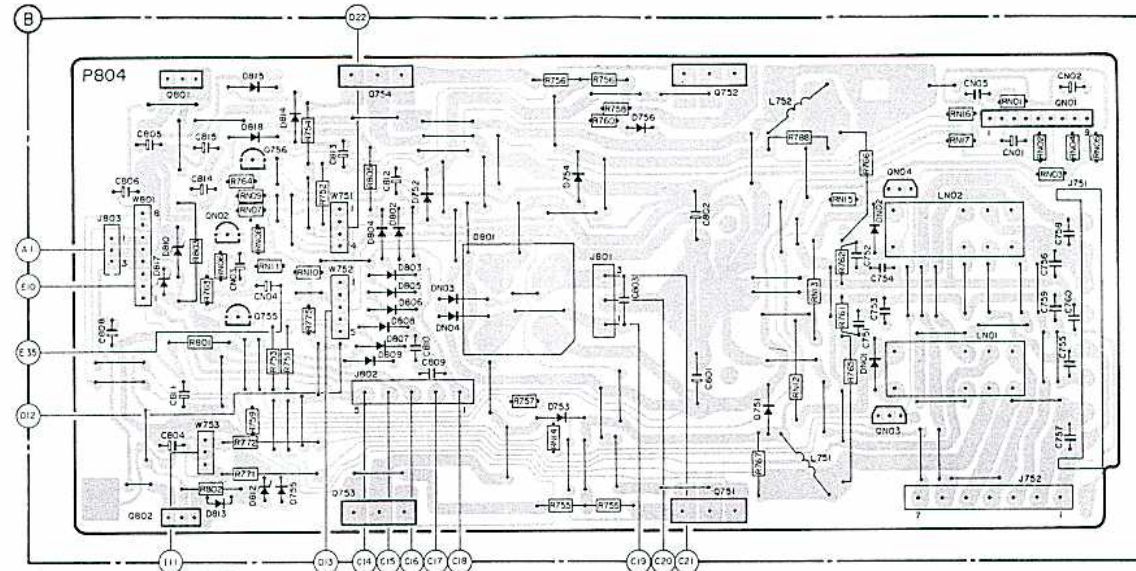
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|---------------|-------------|----------------------------------------|------------------|-------------------------------|--------------------------|--------------------------------------------------------------|----------------|----------------|-----------------------|-------------|---------------------|-----------|---|
| R | R701 ~ R704 | R728 ~ R730 R727 R707 R708 R709 ~ R712 | R713 ~ R720 R731 | R723 D724 | R803 | R751 ~ R754 R755 R756 R757 ~ R760 | R805 | R801 R802 | R811 R816 R765 ~ R768 | R813 R812 | R814 R812 R771 R772 | R815 R813 | R |
| C | C701 ~ C704 | C705 ~ C710 | C711 ~ C714 | C715 C716 | C803 C809 C810 C812 C813 | C802 C801 C805 C814 C815 C808 | C751 ~ C754 | C801 C804 C808 | C802 C805 | C755 ~ C758 | C805 C804 C801 | C | |
| Q - D | Q708 Q707 | F001 | L001 | Q703 Q704 Q705 Q706 Q704 Q703 | D802 ~ D809 D801 | D814 ~ D816 Q751 ~ Q754 Q801 Q751 ~ Q756 Q810 Q751 Q756 Q817 | Q802 Q812 Q813 | Q803 Q801 | Q801 Q804 Q802 | Q802 Q805 | Q805 Q804 Q801 | Q - D | |
| G - L - S - F | G701 S701 | F001 | L001 | L751 L752 | | | | L801 | L801 | L802 | G - L - S - F | | |



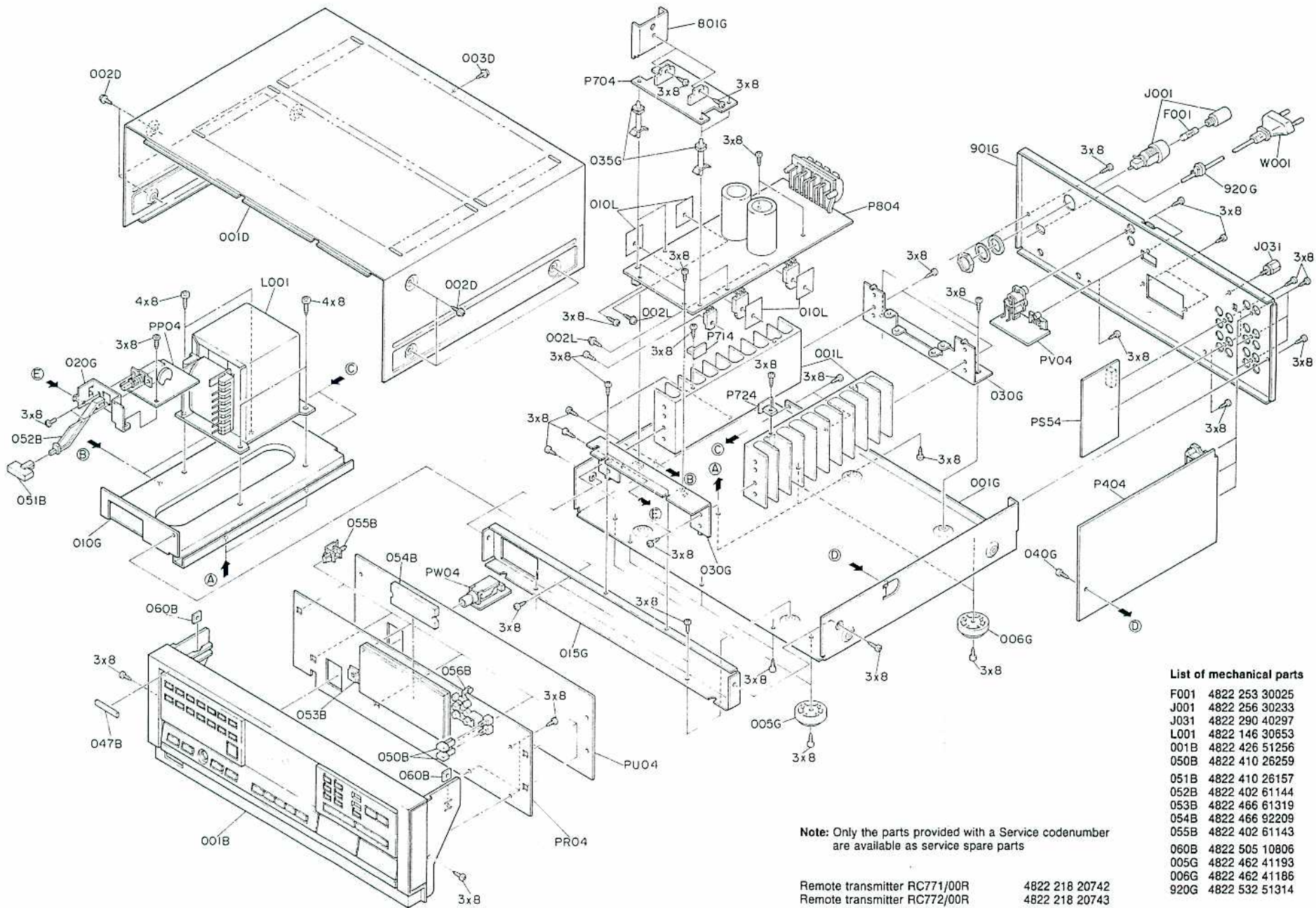
NOTE ON SAFETY:
 Symbol Δ Fire or electrical shock hazard. Only original parts should be used to replace any part marked with symbol Δ . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

WIRING DIAGRAM

| | | | | | | |
|-------|-------------------------------|-------------------------------|----------------|-----------------------------------------------------------------------|--------------------------|----------------|
| R | R801~R803 R806~R811 R773 | R805 | R755~R758 R760 | R767 R768 R812 R813 R815 R765 R766 R816 R817 | R801 R805 R713 R723 | R717 |
| C | C808 C804~C806 C815 C814 | C813 | C810 C809 | C801~C803 | C805 C801 C755~C760 C802 | C711 C701 C715 |
| D - S | D817 D810 D812 D815 D818 D755 | D801~D809 D752 SP01 D803 D804 | D754 D753 D756 | D751 | D802 D801 | |
| G-L-Q | Q801 Q802 Q802 D755 D756 | Q754 Q753 GP01 | | Q752 Q751 Q706 L752 L751 Q704 Q708 Q803 Q804 L802 L801 Q701 Q703 Q707 | | Q705 |



EXPLODED VIEW








List of mechanical parts

| | |
|------|----------------|
| F001 | 4822 253 30025 |
| J001 | 4822 256 30233 |
| J031 | 4822 290 40297 |
| L001 | 4822 146 30653 |
| 001B | 4822 426 51256 |
| 050B | 4822 410 26259 |
| 051B | 4822 410 26157 |
| 052B | 4822 402 61144 |
| 053B | 4822 466 61319 |
| 054B | 4822 466 92209 |
| 055B | 4822 402 61143 |
| 060B | 4822 505 10806 |
| 005G | 4822 462 41193 |
| 006G | 4822 462 41186 |
| 920G | 4822 532 51314 |

Note: Only the parts provided with a Service codenumber are available as service spare parts

Remote transmitter RC771/00R 4822 218 20742
 Remote transmitter RC772/00R 4822 218 20743

|  | | | |  | |
|-------------------------------------------------------------------------------------|--------------------------------|--------------------|----------------|-----------------------------------------------------------------------------------|--------------------------------------|
| CU01 | Super cap 0.47F | | 4822 124 22481 | BA3812L | 4822 209 83338 |
| GP01 | Cap. cer. 0.01 μ F 400 V | | 4822 122 40305 | LC4966 | 4822 209 83804 |
| GU01 | Cap. comp. 100 pF (5x) | | 4822 121 51191 | LC6554H | 4822 209 72352 |
| C801,C802 | Electr. cap. 8200 μ F 63 V | | 4822 124 41296 | LC7522 | 4822 209 71783 |
| C803 | Cap. cer. 0.01 μ F 500 V | | 4822 122 30043 | LC7535VR | 4822 209 71784 |
| | | | | LC7565FL | 4822 209 71782 |
| | | | | LC7821 | 4822 209 72357 |
| | | | | NJM4558D-D | 4822 209 83631 |
| | | | | NJM7815 | 4822 209 83317 |
| | | | | TA7317P | 4822 209 83312 |
| | | | | UPC-1298V | 4822 209 70382 |
|  | | | |  | |
| GE01,GE02 } GX01,GX02 } | Res. comp. | 100k (7x) | 4822 111 91398 | LT3D8B red | 4822 130 80326 |
| GR01 | Res. comp. | 100k (4x) | 4822 111 91399 | RD5.1JB2,MTZJ5.1B | 4822 130 80317 |
| GX03 | Res. comp. | 100k (11x) | 4822 116 90313 | RD5.6JB2,MTZJ5.6B | 4822 130 33948 |
| RN12,RN13 | Res. safety | 820 Ω 2 W | 4822 116 60272 | RD6.8JB2,MTZJ6.8B | 4822 130 80318 |
| RX35 | Res. safety | 150 Ω 1 W | 4822 116 60337 | RD12JB2,MTZJ12C | 4822 130 80091 |
| R415,R416 | Res. safety | 220 Ω 1/2 W | 4822 111 90727 | RD16JB2,MTZJ16C | 4822 130 80498 |
| R711,R712 } R715,R716 } | Res. fuse | 10 Ω 1/4 W | 4822 115 90166 | RD27EB4 | 4822 130 32757 |
| R719,R720 | Potm | 4.7 k | 4822 100 20524 | RL103E,DSF10C | 4822 130 32508 |
| R751,R752 } R753,R754 } | Res. safety | 4.7 Ω 1/2 W | 4822 116 52858 | S5VB20 | 4822 130 30984 |
| R755,R756 | Res. comp. | 0.1 Ω (23x) | 4822 111 91402 | 1SS133,1SS176 | 4822 130 33305 |
| R765,R766 | Res. safety | 10 Ω 3 W | 4822 116 60326 | 1S2070,1S2473 | 4822 130 31018 |
| R767,R768 | Res. safety | 4.7 Ω 2 W | 4822 116 52858 | | |
| R771,R772 | Res. safety | 330 Ω 2 W | 4822 116 60262 | | |
| R801 | Res. fuse | 15 Ω 1/4 W | 4822 116 60417 | | |
| R802 | Res. safety | 1.5 k 1/2 W | 4822 111 50479 | | |
| R803 | Res. safety | 1k 2 W | 4822 116 60332 | | |
| R805 | Res. fuse | 6.8 Ω 1/2 W | 4822 111 20384 | | |
| R806 | Res. safety | 2.2 Ω 1/4 W | 4822 116 52348 | | |
|  | | | | -Miscellaneous- | |
| 2SA608SP, 2SA1048 } 2SA1309,A } | | | 4822 130 42715 | F001 | Fuse 2A 250 V 4822 253 30025 |
| 2SA970 | | | 4822 130 42951 | JS01,JS02 } JS71,JS72 } | Jack up 4822 265 30397 |
| 2SA970 (GR) | | | 4822 130 42949 | JV01 | Jack 2p 4822 266 30274 |
| 2SA1306 O.Y | | | 4822 130 43023 | JV02 | Jack 5p 4822 267 40768 |
| 2SB1373 (Q P) | | | 4822 130 60928 | JW01 | Headphone jack 4822 267 30596 |
| 2SC536SP,2SC2458 } 2SC3311,C } | | | 4822 130 42483 | J001 | Fuse holder 4822 256 30233 |
| 2SC2240 GR | | | 4822 130 43231 | J031 | Ground terminal 4822 290 40297 |
| 2SC2240 GR or BL | | | 4822 130 43233 | J401 | Socket 2p 4822 267 30741 |
| 2SC2878 A | | | 4822 130 43818 | J701 | Plug 3p 4822 265 10078 |
| 2SC3419Y | | | 4822 130 60117 | J751 | Speaker terminal 4822 290 60686 |
| 2SD2066 (Q.P) | | | 4822 130 60929 | LN01,LN02 | Relay DC 24V 4822 280 60511 |
| | | | | L001 | Mains transformer 4822 146 30653 |
| | | | | L751,L752 | Choke coil 1 μ H 4822 157 51739 |
| | | | | QR01 | IR sensor for RC5 4822 130 10009 |
| | | | | SP01 | Push switch 4822 276 11798 |
| | | | | SR01+SR36 | Push switch 4822 276 11559 |
| | | | | SR37,SR38 | Push switch 4822 276 12336 |
| | | | | SS71 | Switch slide (stereo) 4822 277 21176 |
| | | | | VR01 | Display BG-487GK 4822 130 90494 |
| | | | | XU01 | Cer. filter 4 MHz 4822 242 71839 |