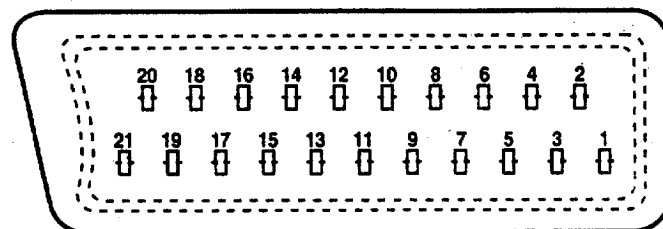


# DAEWOO

37 / 51 / 55 Cm Mono Colour Television

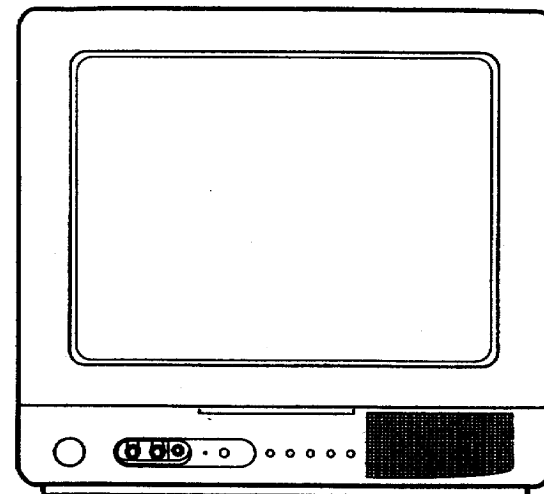
**CHASSIS : CP-375**

MODEL : 14A5/14A5T/20A5/20A5T/21A5/21A5T  
 14Q1/14Q1T/20Q1/20Q1T/21Q1/21Q1T  
 14Q2/14Q2T/20Q2/20Q2T/21Q2/21Q2T  
 14Q3/14Q3T/20Q3/20Q3T/21Q4/21Q4T  
 14T1/14T1T/20T1/20T1T/21T1/21T1T  
 14T2/14T2T/20T2/20T2T/21T2/21T2T



\* 21 PIN EURO-SCART

| PIN | Signal Designation       | Matching Value                         |
|-----|--------------------------|----------------------------------------|
| 1   | Audio Out(linked with 3) | 0.5Vrms,Imp<1 k $\Omega$ (RF 60% MOD)  |
| 2   | Audio In(linked with 6)  | 0.5Vrms,Imp>10 k $\Omega$              |
| 3   | Audio Out(linked with 1) | 0.5Vrms,Imp<1 k $\Omega$ (RF 60% MOD)  |
| 4   | Audio Earth              |                                        |
| 5   | Blue Earth               |                                        |
| 6   | Audio in (linked with 2) | 0.5Vrms,Imp>10 k $\Omega$              |
| 7   | Blue in                  | 0.7Vpp $\pm$ 3 dB,Imp75 $\Omega$       |
| 8   | Slow(Function) Switching | TV:0-2V,PERI:9.5-12V,Imp>10 k $\Omega$ |
| 9   | Green Earth              |                                        |
| 10  | NC                       |                                        |
| 11  | Green In                 | 0.7Vpp $\pm$ 3 dB,Imp75 $\Omega$       |
| 12  | NC                       |                                        |
| 13  | Red Earth                |                                        |
| 14  | NC                       |                                        |



- \* PAL - B/G
- \* PAL/SECAM - B/G, D/K  
NTSC - 3.58/4.43 (AV)
- \* PAL/SECAM - B/G  
SECAM - L
- \* PAL - I

RUN NO.1 DEC : 1996

| LOC.  | PART-CODE  | PART-NAME        | PART-DESCRIPTION |
|-------|------------|------------------|------------------|
| I301  | 1TDA8356—  | IC VERTICAL      | TDA8356          |
| I301A | 4857024617 | HEAT SINK        | AL EX            |
| I501  | 1TDA8374A— | IC VCD           | TDA8374A         |
| I502  | 1TDA4665V4 | IC DELAY         | TDA4665V4        |
| I601  | 1TDA7056—  | IC               | TDA7056          |
| I701  | 1DW5255M2— | IC MICOM         | DW5255M2         |
| I702  | 1UPC574J—  | IC               | UPC574J          |
| I703  | 124LC08B—  | IC MEMORY        | 24LC08B          |
| I704  | 1TFMW5380— | IC PREAMP        | TFMW5380         |
| I801  | 1STRS5707— | IC POWER         | STR-S5707        |
| I802  | 1TDA8138—  | IC REGULATOR     | TDA8138          |
| I802A | 4857025401 | HEAT SINK        | A1050P-H24 T2    |
| I803  | 1KA7808—   | IC REGULATOR     | KA7808           |
| I804  | 1LTV817C—  | IC PHOTO COUPLER | LTV-817C         |
| I901  | 1TDA6106Q— | IC AMP           | TDA6106Q         |
| I902  | 1TDA6106Q— | IC AMP           | TDA6106Q         |
| I903  | 1TDA6106Q— | IC AMP           | TDA6106Q         |

|    |                           |                                               |
|----|---------------------------|-----------------------------------------------|
| 10 | NC                        |                                               |
| 11 | Green In                  | 0.7Vpp $\pm$ 3 dB, Imp 75 $\Omega$            |
| 12 | NC                        |                                               |
| 13 | Red Earth                 |                                               |
| 14 | NC                        |                                               |
| 15 | Red In, C In              | 0.7Vpp $\pm$ 3 dB, Imp 75 $\Omega$            |
| 16 | Rapid(Blanking) switching | Logic 0:0-0.4V, Logic 1:1-3V, Imp 75 $\Omega$ |
| 17 | Video Earth               |                                               |
| 18 | Rapid Blanking Earth      |                                               |
| 19 | Video Out                 | 1Vpp $\pm$ 3 dB, Imp 75 $\Omega$              |
| 20 | Video In, Y In            | 1Vpp $\pm$ 3 dB, Imp 75 $\Omega$              |
| 21 | Common Earth              |                                               |

|       |            |                  |               |
|-------|------------|------------------|---------------|
| I802A | 4857025401 | HEAT SINK        | A1050P-H24 T2 |
| I803  | 1KA7808—   | IC REGULATOR     | KA7808        |
| I804  | 1LTV817C—  | IC PHOTO COUPLER | LTV-817C      |
| I901  | 1TDA6106Q- | IC AMP           | TDA6106Q      |
| I902  | 1TDA6106Q- | IC AMP           | TDA6106Q      |
| I903  | 1TDA6106Q- | IC AMP           | TDA6106Q      |

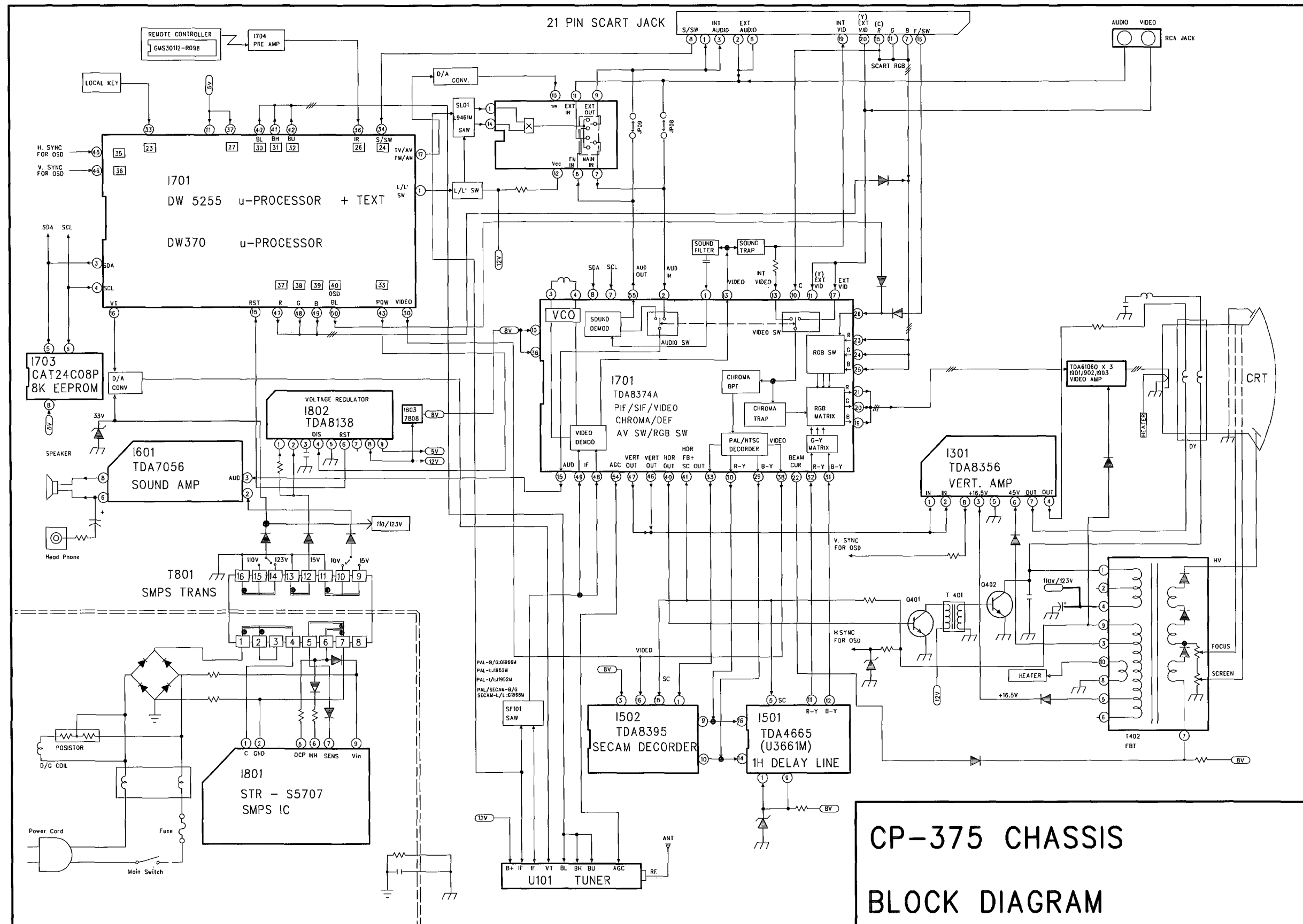
DIFFERENT PART FOR SPEAKER (OPTION)

| NO |       | 1SPK        | 2SPK      |
|----|-------|-------------|-----------|
| 1  | SP01  | 3W 16 OHM   | 3W 8 OHM  |
| 2  | SP02  | -           | 3W 8 OHM  |
| 3  | R608  | 1K          | 1.5K      |
| 4  | LP01  | -           | BEAD      |
| 5  | LP02  | BEAD        | -         |
| 6  | SP06  | WIRE COPPER | -         |
| 7  | P602  | -           | YW025-03  |
| 8  | MASKS | 14/20/21A5  | 20T1,20T2 |
|    |       | 14/20/21Q1  | 21T1,21T2 |

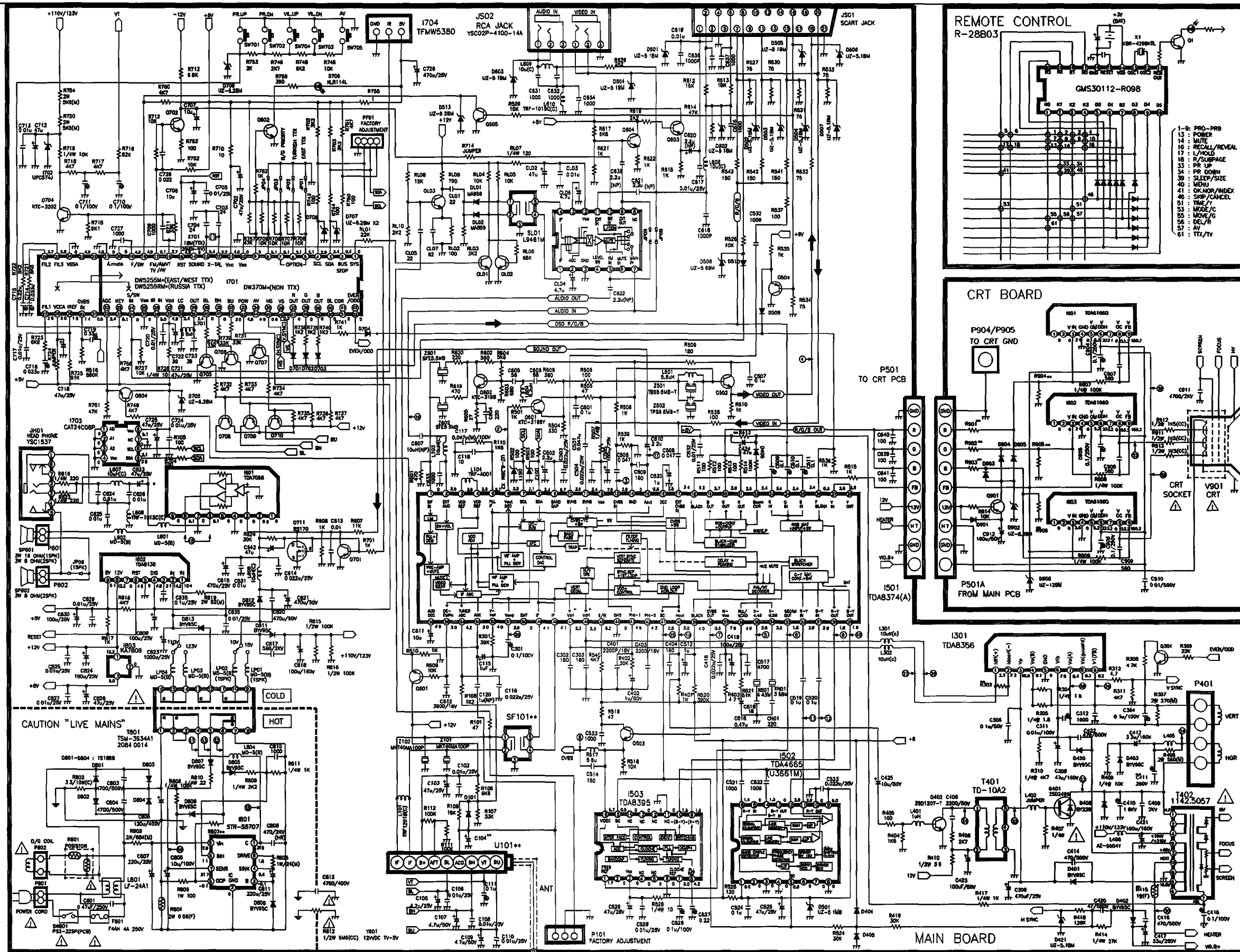
DIFFERENT PARTS FOR SIZE

[illegible]

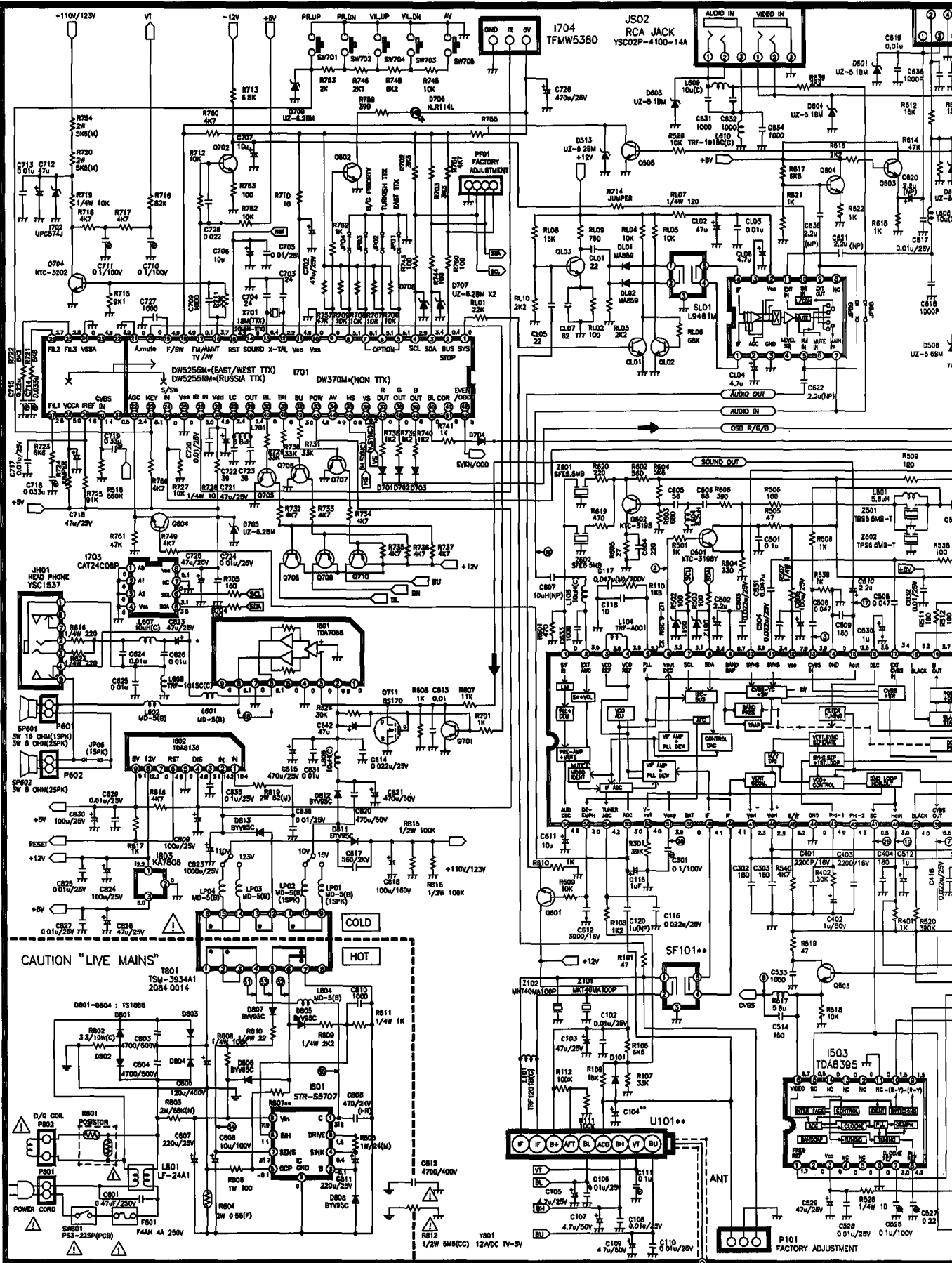
# BLOCK DIAGRAM



## CP-375 CHASSIS SCHEMATIC DIAGRAM



# CP-375 CHASSIS SCHEMATIC DIAGRAM

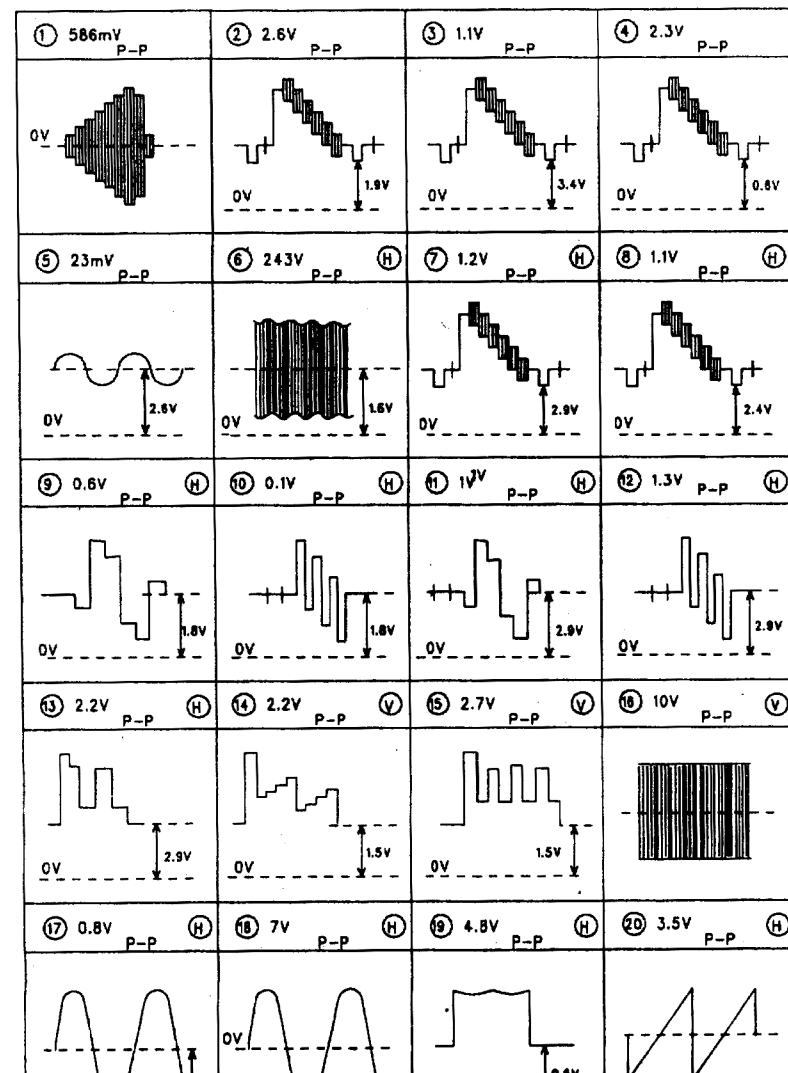




# WAVE FORMS

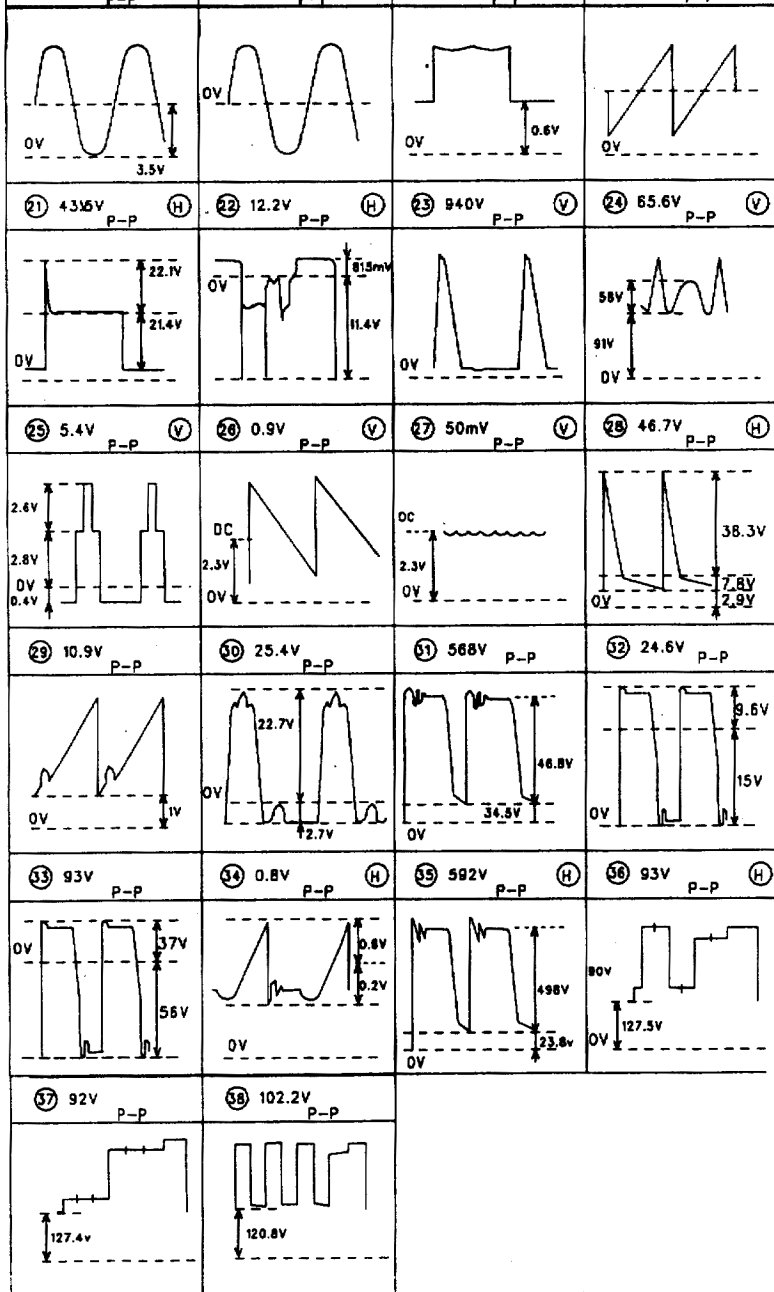
VIDEO : 8 STEP PAL COLOR BAR 87.5% AM

AUDIO : 1KHz SINE WAVE 60% FM



## DIFFERENT PART FOR SYSTEM

| NO | LOC   | NAME          | P-B/G<br>[TF] | P/S-B/G/D/K<br>N-3/4 (AV)<br>[TK] | P-I<br>[TU] | P/S-B/G<br>S-L/L'<br>[TA] |
|----|-------|---------------|---------------|-----------------------------------|-------------|---------------------------|
| 1  | PWC1  | POWER CORD    | CW4232        | KKP419C                           | CW3222      | CW4232                    |
| 2  | UI01  | TUNER         | 3303KHC       | 3303KHC                           | DT2-1V17D   | 3303KHC                   |
| 3  | SF101 | SAW FILTER    | G1966M        | K2950M                            | J1952M      | G1966M                    |
| 4  | Z501  | CERA FILTER   | TPS5.5MB      | TPS5.5MB                          | TPS6.0MB    | TPS5.5MB                  |
| 5  | Z502  | CERA FILTER   | -             | TPS6.5MB                          | -           | -                         |
| 6  | Z601  | CERA FILTER   | SFSH5.5MCB-   | SFSH5.5MCB-                       | SFE6.0MB    | SFSH5.5MCB-               |
| 7  | Z602  | CERA FILTER   | -             | SFSH6.5MCB-                       | -           | -                         |
| 8  | I501  | IC VCD        | TDAB374A      | TDAB374A                          | TDAB374A    | DTAB374                   |
| 9  | I503  | IC SECAM      | -             | TDAB395                           | -           | TDAB395                   |
| 10 | C801  | C LINE ACROSS | 250V 0.47u    | 250V 0.1u                         | 250V 0.47u  | 250V 0.47u                |
| 11 | C802  | C LINE ACROSS | 250V 0.47u    | 250V 0.1u                         | 250V 0.47u  | 250V 0.47u                |
| 12 | XN01  | X-TAL         | -             | 3.58MHz                           | -           | -                         |
| 13 | CN01  | C CERA        | -             | 50V 220                           | -           | -                         |
| 14 | Q705  | TR            | KTC3198C      | KTC3198C                          | -           | KTC3198Y                  |
| 15 | Q706  | TR            | KTC3198C      | KTC3198C                          | -           | KTC3198Y                  |
| 16 | Q708  | TR            | KTA1266Y      | KTA1266Y                          | -           | KTA1266Y                  |
| 17 | Q709  | TR            | KTA1266Y      | KTA1266Y                          | -           | KTA1266Y                  |
| 18 | R729  | R C-FILM      | 33K           | 33K                               | -           | 33K                       |
| 19 | R730  | R C-FILM      | 33K           | 33K                               | -           | 33K                       |
| 20 | R732  | R C-FILM      | 4.7K          | 4.7K                              | -           | 4.7K                      |
| 21 | R733  | R C-FILM      | 4.7K          | 4.7K                              | -           | 4.7K                      |
| 22 | R736  | R -CFILM      | 4.7K          | 4.7K                              | -           | 4.7K                      |
| 23 | R737  | R C-FILM      | 4.7K          | 4.7K                              | -           | 4.7K                      |
| 24 | C104  | C ELECTRO     | 50V 4.7u      | 50V 4.7u                          | 50V 4.7u    | 50V 33u                   |
| 25 | C105  | C ELECTRO     | 50V 4.7u      | 50V 4.7u                          | -           | 50V 4.7u                  |
| 26 | C106  | C CERA        | 25V 0.01u     | 25V 0.01u                         | -           | 25V 0.01u                 |
| 27 | C107  | C ELECTRO     | 50V 4.7u      | 50V 4.7u                          | -           | 50V 4.7u                  |
| 28 | C108  | C CERA        | 25V 0.01u     | 25V 0.01u                         | -           | 25V 0.01u                 |
| 29 | Z101  | CERA FILTER   | -             | -                                 | -           | MKT40MA100P               |
| 30 | Z102  | CERA FILTER   | -             | -                                 | -           | MKT40MA100P               |
| 31 | IL01  | IC AM DEMOD   | -             | -                                 | -           | STV8225                   |



|    |      |             |              |             |              |              |
|----|------|-------------|--------------|-------------|--------------|--------------|
| 27 | C107 | C ELECTRO   | 50V 4.7u     | 50V 4.7u    | -            | 50V 4.7u     |
| 28 | C108 | C CERA      | 25V 0.01u    | 25V 0.01u   | -            | 25V 0.01u    |
| 29 | Z101 | CERA FILTER | -            | -           | -            | MKT40MA100P  |
| 30 | Z102 | CERA FILTER | -            | -           | -            | MKT40MA100P  |
| 31 | IL01 | IC AM DEMOD | -            | -           | -            | STVB225      |
| 32 | SL01 | SAW FILTER  | -            | -           | -            | L9461M       |
| 33 | QL01 | TR          | -            | -           | -            | KTC 3198Y    |
| 34 | QL02 | TR          | -            | -           | -            | KTC 3198Y    |
| 35 | QL03 | TR          | -            | -           | -            | KTC 3198Y    |
| 36 | Q702 | TR          | -            | -           | -            | KTC 3198Y    |
| 37 | DL01 | DIODE       | -            | -           | -            | MA859        |
| 38 | DL02 | DIODE       | -            | -           | -            | MA859        |
| 39 | RL01 | R C-FILM    | -            | -           | -            | 22K          |
| 40 | RL02 | R C-FILM    | -            | -           | -            | 100          |
| 41 | RL03 | R C-FILM    | -            | -           | -            | 2.2K         |
| 42 | RL04 | R C-FILM    | -            | -           | -            | 10K          |
| 43 | RL05 | R C-FILM    | -            | -           | -            | 10K          |
| 44 | RL06 | R C-FILM    | -            | -           | -            | 68K          |
| 45 | RL07 | R C-FILM    | -            | -           | -            | 1/4W 12D     |
| 46 | RL08 | R C-FILM    | -            | -           | -            | 15K          |
| 47 | RL09 | R C-FILM    | -            | -           | -            | 750          |
| 48 | RL10 | R C-FILM    | -            | -           | -            | 2.2K         |
| 49 | R101 | R C-FILM    | -            | -           | -            | 47           |
| 50 | R712 | R C-FILM    | -            | -           | -            | 10K          |
| 51 | R713 | R C-FILM    | -            | -           | -            | 4.7K         |
| 52 | R752 | R C-FILM    | -            | -           | -            | 10K          |
| 53 | CL01 | C CERA      | -            | -           | -            | 50V 22       |
| 54 | CL02 | C EKECTRO   | -            | -           | -            | 50V 47u      |
| 55 | CL03 | C CERA      | -            | -           | -            | 50V 0.01u    |
| 56 | CL04 | C ELECTRO   | -            | -           | -            | 50V 4.7u     |
| 57 | CL05 | C CERA      | -            | -           | -            | 50V 22       |
| 58 | CL06 | C ELECTRO   | -            | -           | -            | 50V 4.7u     |
| 59 | CL07 | C CERA      | -            | -           | -            | 50V 82       |
| 60 | C707 | C ELECTRO   | -            | -           | -            | 50V 10u      |
| 61 | C728 | C CERA      | -            | -           | -            | 50V 16       |
| 62 | JP01 | WIRE COPPER | -            | WIRE COPPER | -            | -            |
| 63 | JP08 | WIRE COPPER | WIRE COPPER  | WIRE COPPER | WIRE COPPER  | -            |
| 64 | JP09 | WIRE COPPER | WIRE COPPER  | WIRE COPPER | WIRE COPPER  | -            |
| 65 | M721 | SHIELD CASE | SPTH-C T0.25 |             | SPTH-C T0.25 | SPTH-C T0.25 |