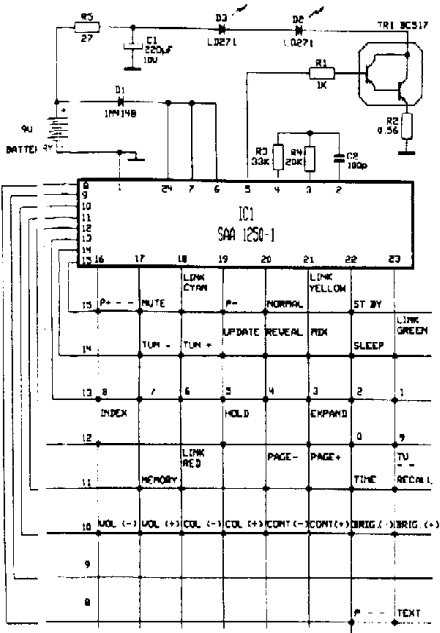
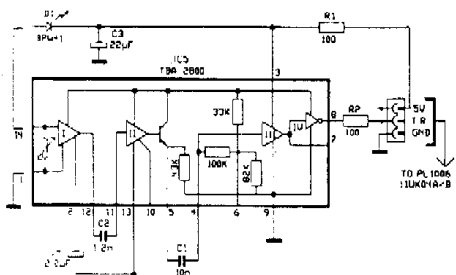


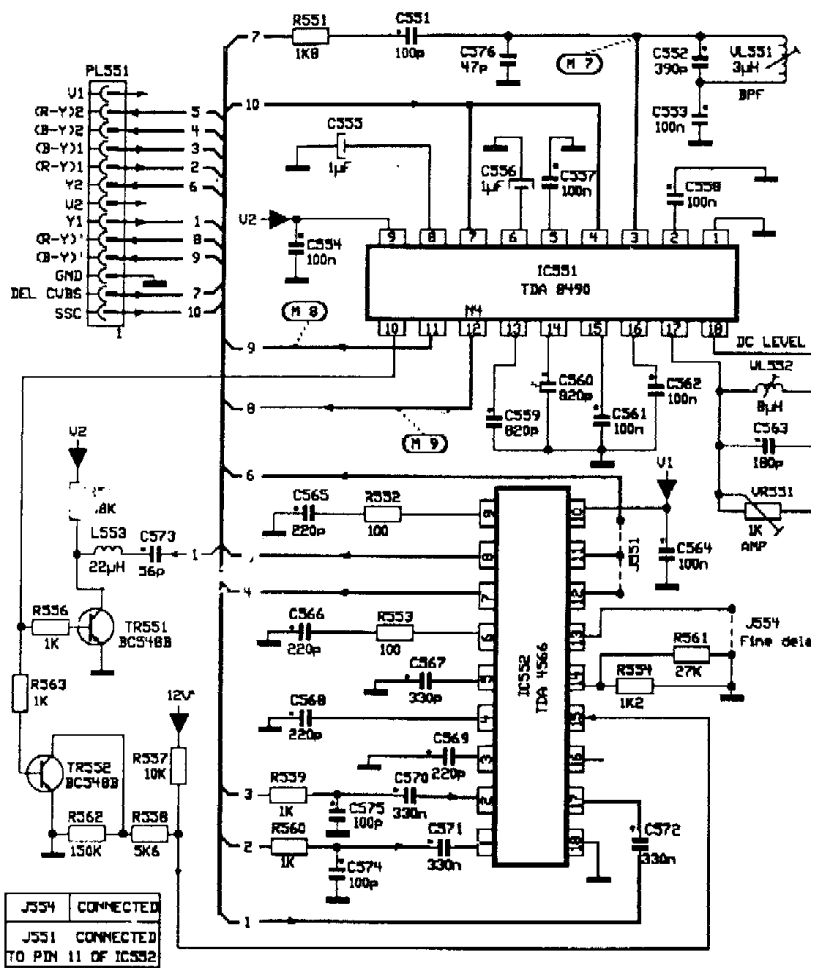
11 UV 04 RC Transmitter Diagram



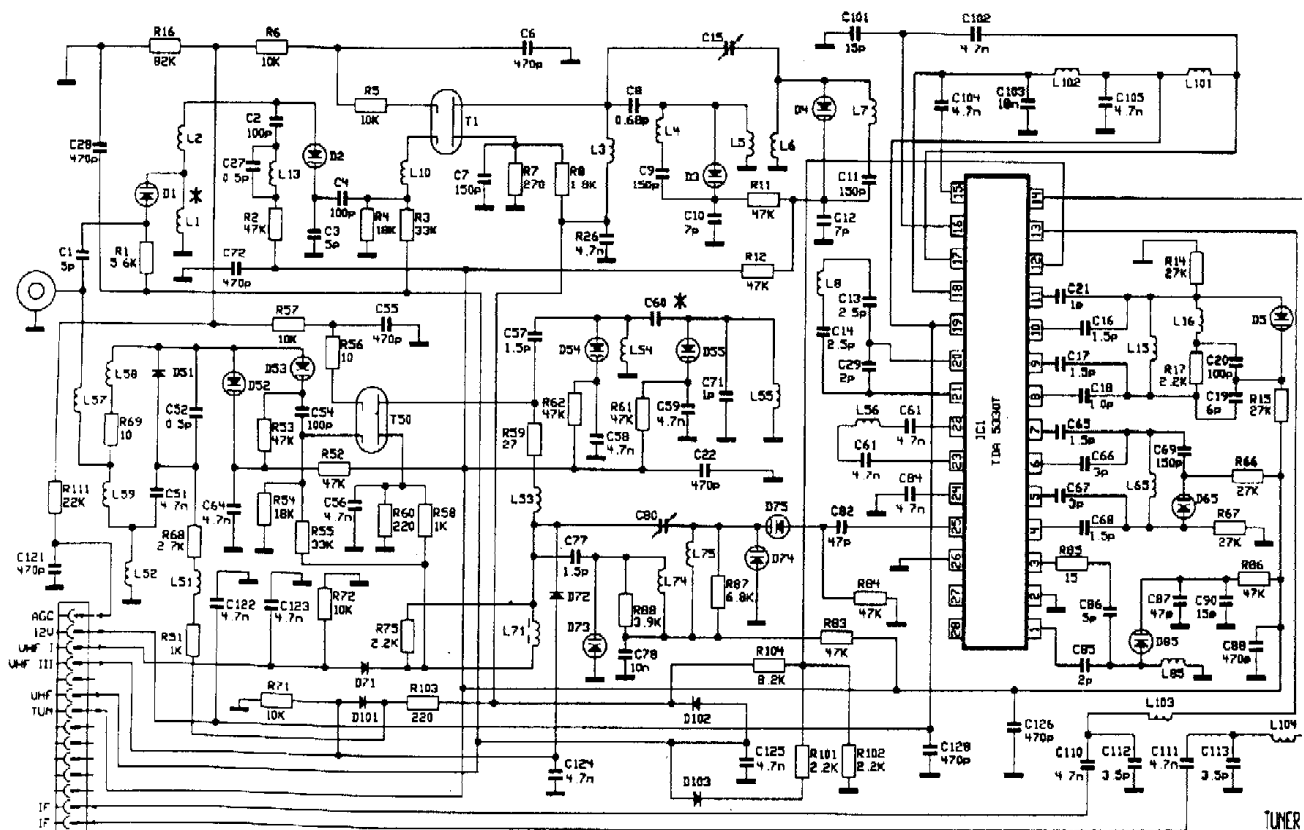
11 OY 01 IR Pre-Amp Diagram



11 SC 01 SECAM & CTI Diagram

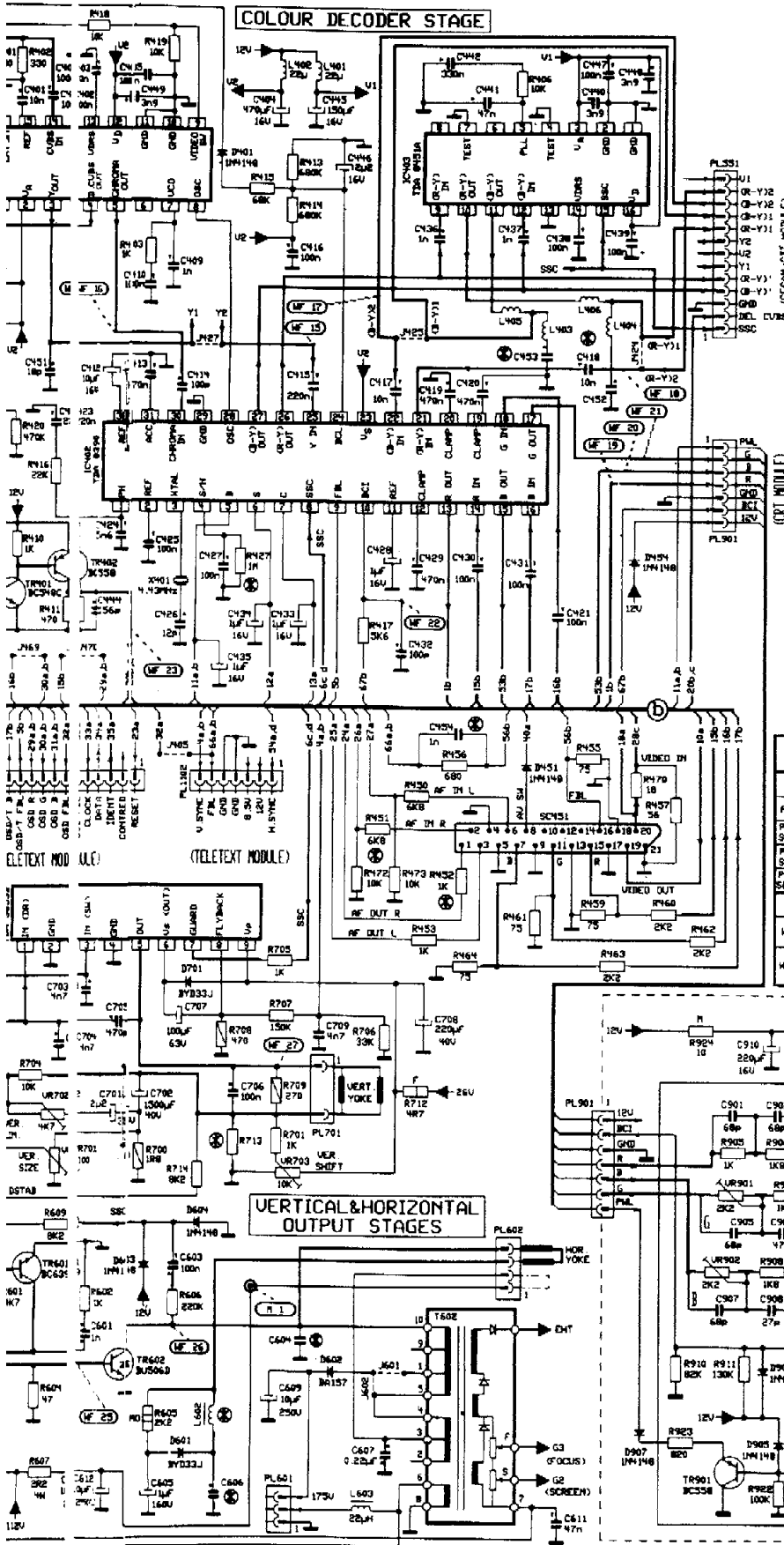


Tuner Diagram



TUNER

Main Diagram



| Component Symbol | Carbon | Polystyrene | Polyester |
|------------------|--------|-------------|-----------|
| 100n | ±10% | ±5% | ±10% |
| 1µF | ±10% | ±5% | ±10% |
| 10µF | ±10% | ±5% | ±10% |
| 100µF | ±10% | ±5% | ±10% |
| 1mF | ±10% | ±5% | ±10% |
| 10mF | ±10% | ±5% | ±10% |

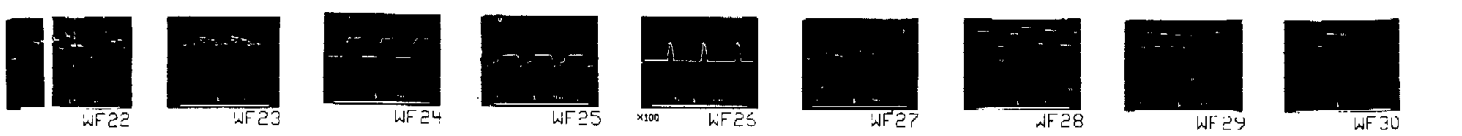
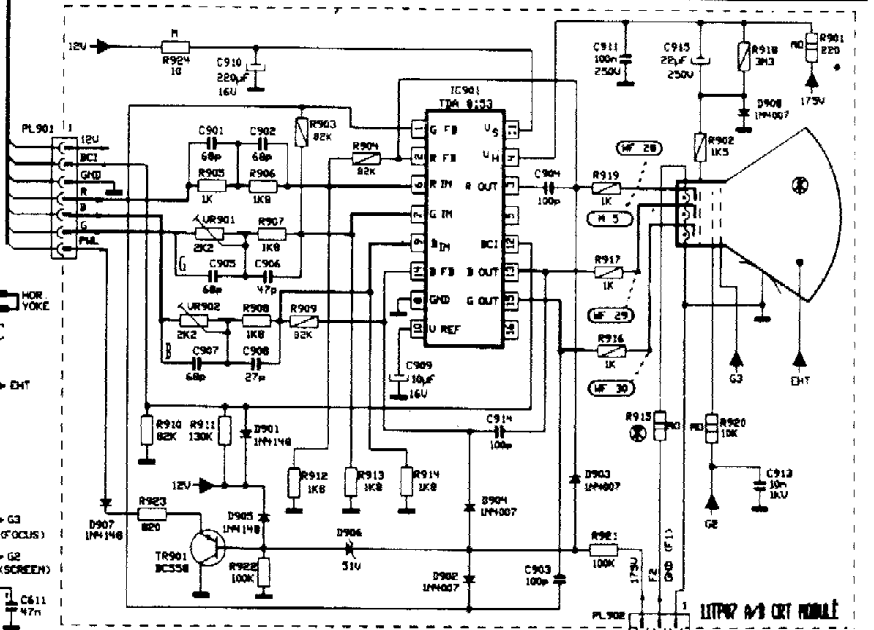
R Metal film resistor
 F Fusible resistor
 MO Metal oxide film resistor
 - J - Insert Jumper acc to the following tables
 s From original source only

N.B. Safety components marked with Δ must be replaced with original or approved components only
 All printed boards and the back cover are also safety components
 The manufacturer reserves the right to change the design and specification without prior notice or variance

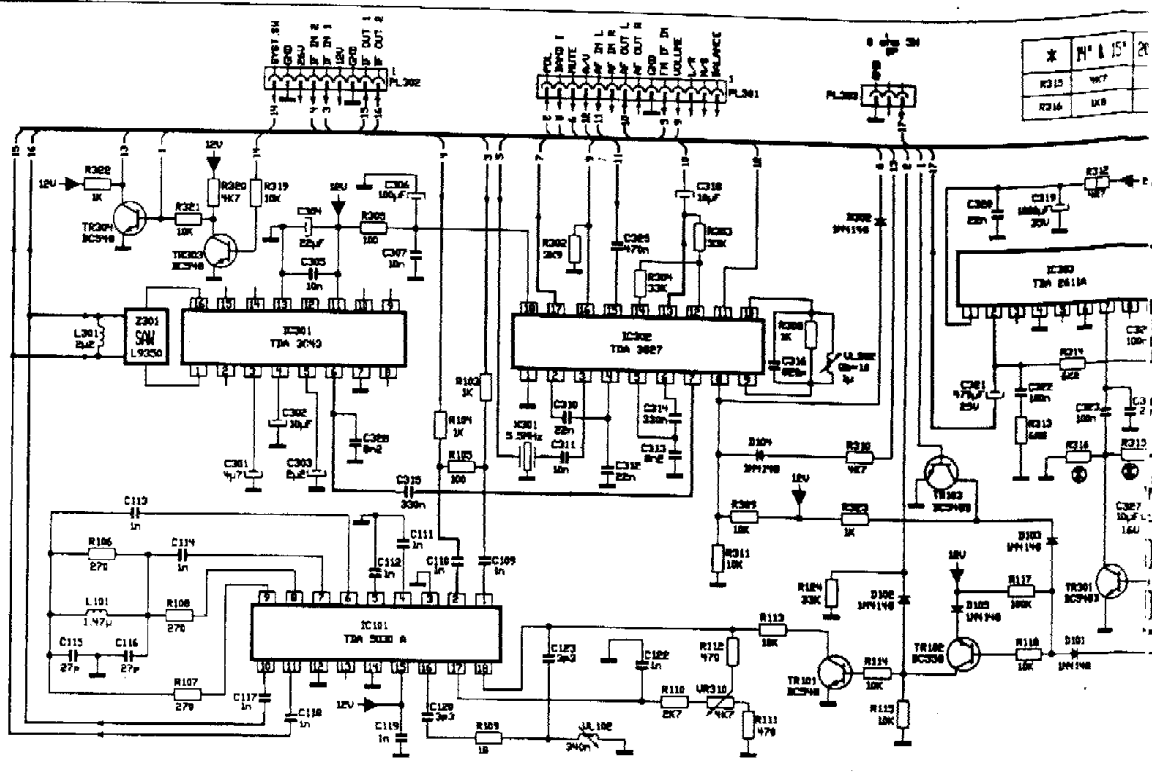
| CRT POS. | COMPONENT DIFFERENCES DEPENDING ON CRT | | | | | | | |
|-----------|--|--------------------------------|------------------------|--|------------------------------|------------------------------|------------------------------|------------------------------|
| | 21" | 20" | 15" | 14" | | | | |
| ATTACH NO | RETACH A31, A54, A53 | GOLDSTAR 3107E, 3107E2, 3107E3 | SAMSUNG S100B95, X-TC | HITACHI A34, JAPANESE & TORSHIMA A34, JAPANESE | HITACHI 370L, H022-TC02 | GOLDSTAR 370A, H022 | SAMSUNG 370A, H022 | SAMSUNG 370A, H022 |
| C604 | 7n3 1600V | 7n3 1600V | 7n3 1600V | 6n8 1600V | 8.2n 1600V | 8.2n 1600V | 8.2n 1600V | 8.2n 1600V |
| L402 | TERMAL 21" & 14" 2400 101024 | TERMAL 20" 2400 101024 | TERMAL 20" 2400 101024 | TERMAL 15" 2400 101024 | TERMAL 21" & 14" 2400 101024 | TERMAL 21" & 14" 2400 101024 | TERMAL 21" & 14" 2400 101024 | TERMAL 21" & 14" 2400 101024 |
| R913 | 2R2 | 2R2 | 2R7 | 5R6 | 4R7 | 5R6 | 5R2 | 2R2 |
| R608 | 6K8 | 6K8 | 6K8 | 1K8 | 10K | 10K | 10K | 8K2 |
| R713 | 1K8 | 4K7 | 4K7 | 1K8 | 1K8 | 1K8 | 6K8 | 4K7 |
| C606 | 330n 400V | 330n 400V | 330n 400V | 330n 400V | 330n 400V | 330n 400V | 330n 400V | 330n 400V |

| SYSTEM | COMPONENT DIFFERENCES DEPENDING ON SYSTEM, MONO / STEREO, CTT AND TEXT | | | | | |
|---------------------------|--|---------------|-------------|------------------------------------|------------------|---------------|
| | 201 | 106, 107, 209 | CTT | 403, 406 | 402, 404 | 432, 433 |
| PAL I | DEFI 1953 | CONNECTED | WITH CTT | 47µH | JUMPER CONNECTED | 270µF |
| PAL 2/3/4 SECAM 2/3 | DPFK 1962 | CONNECTED | WITHOUT CTT | JUMPER CONNECTED | 10µH | 180µF |
| PAL 2/3/4 SECAM 2/3 & 2/4 | DPFK 1962 | CONNECTED | MONO/STEREO | R451 | R452 | R472 |
| PAL 2/3/4 SECAM 2/3 & L/L | DPFK 1962 | NOT CONNECTED | MONO | NOT CONNECTED | NOT CONNECTED | NOT CONNECTED |
| TEXT | J405, 407, 468, 469, 470 | C434 | STEREO | 4K8 | 1K | 10K |
| WITH TEXT | NOT CONNECTED | In | OTHERS | R451, R452, R453, R454, J 453 C208 | NOT CONNECTED | CONNECTED |
| WITHOUT TEXT | CONNECTED | NOT CONNECTED | OTHERS | R451, R452, R453, R454, J 453 C208 | NOT CONNECTED | CONNECTED |

Δ R451, R452, R453, R454, J 453 C208
 R451, R452, R453, R454, J 453 C208



11 SO 01 Sound Diagram (L/L & B/G)



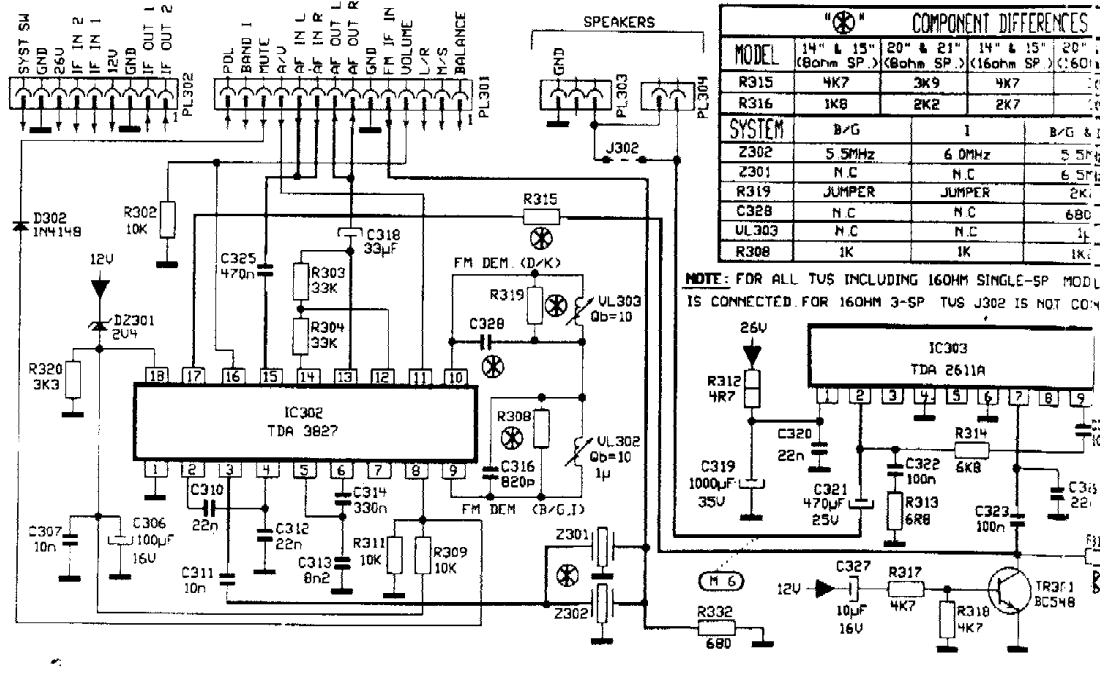
Electrical Parts List IC's

- IC302 IC TDA 3827 - 013242352
- IC303 IC TDA 2611A - 013242402
- IC201 IC TDA 4504A - 013242472
- IC401 IC TDA 8452A - 013242522
- IC402 IC TDA 8390 4 - 013242582
- IC403 IC TDA 8451A - 013242602
- IC701 IC TDA 3853B - 013229812
- IC801 IC TDA 4601 - 013223402
- IC802 IC LM 317T - 013242102
- IC901 IC TDA 8153 - 013242802
- IC1001 IC LM 78L05 - 013240852
- IC1003 IC MDA 2062 - 013200320
- IC1003 IC MDA 2062 - 013200330
- IC1002 IC 7805 - 013226002
- IC1004 IC TPO 2066 VES 05 - 013242412
- IC1005 IC LM 2901 - 013206302
- IC1102 IC DPU 2543 - 013240352
- IC1103 IC LM 317T - 013242102
- IC1104 IC TPU 2732 - 013230852
- IC1105 IC HM 4164 - 013231352

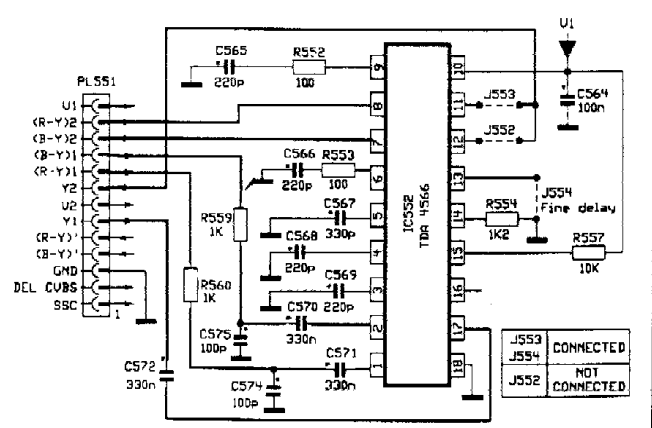
Transistors

- TR201 TR BC548B - 013120702
- TR202 TR BC548B - 013120702
- TR401 TR BC548C - 013120712
- TR402 TR BC548B - 013120902
- TR601 TR BC639 - 013100902
- TR602 TR BU506D - 013118082
- TR801 TR BU508A - 013108102
- TR802 TR BC548B - 013120702
- TR1002 TR BC848B SMD - 013720882
- TR1003 TR BC848B SMD - 013720882
- TR1004 TR BC848B SMD - 013720882
- TR1006 TR BF240 - 013115102
- TR1007 TR BC848B SMD - 013720882
- TR1010 SMD JUMPER WIRE - 014031441
- TR1011 TR BC848B SMD - 013720882
- TR1012 TR BC848B SMD - 013720882
- TR1014 TR BC548B - 013120702
- TR1102 TR BC548B - 013120702
- TR1103 TR BF240 - 013115102
- TR1104 TR BC548B - 013120702
- TR1105 TR BC548B - 013120702
- TR1106 TR BC548B - 013120702
- TR1107 TR BC548B - 013120702
- TR1108 TR BC548B - 013120702
- TR1109 TR BC548B - 013120702
- TR1110 TR BC548B - 013120702
- TR1111 TR BC548B - 013120702
- TR1112 TR BC548B - 013120702
- TR1113 TR BC548B - 013120702

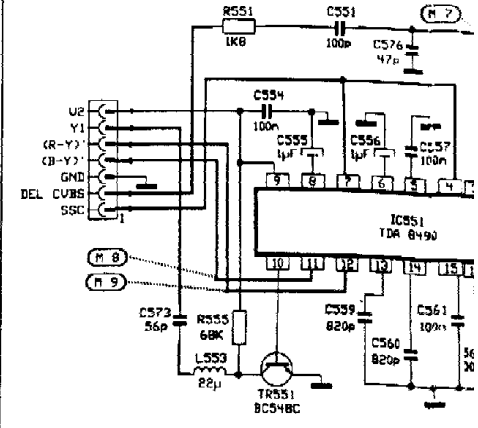
11 SD 01 - C Sound Diagram (B/G,I,D/K)



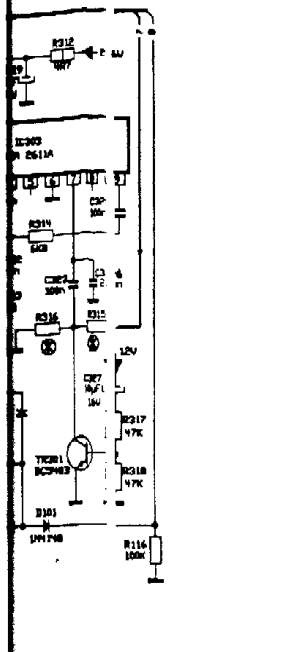
11 CT 01 CTI Diagram



11 SM 01 SECAM Diagram

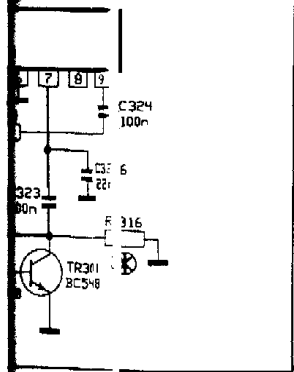


| | | | |
|------|-----|-----|----|
| * 11 | 11 | 11 | 21 |
| 110 | 117 | 119 | |
| 116 | 118 | 122 | |

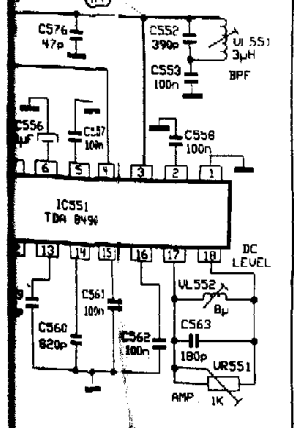


| | |
|-------------|--------|
| DIFFERENCES | |
| 11 & 15 | 21 |
| 11m SP | 11m SP |
| 4K7 | C9 |
| 2K7 | C9 |
| B/G L | D/K |
| 5.5 | 12 |
| 6.5 | 12 |
| 2K | |
| 68C | |
| 1K | |

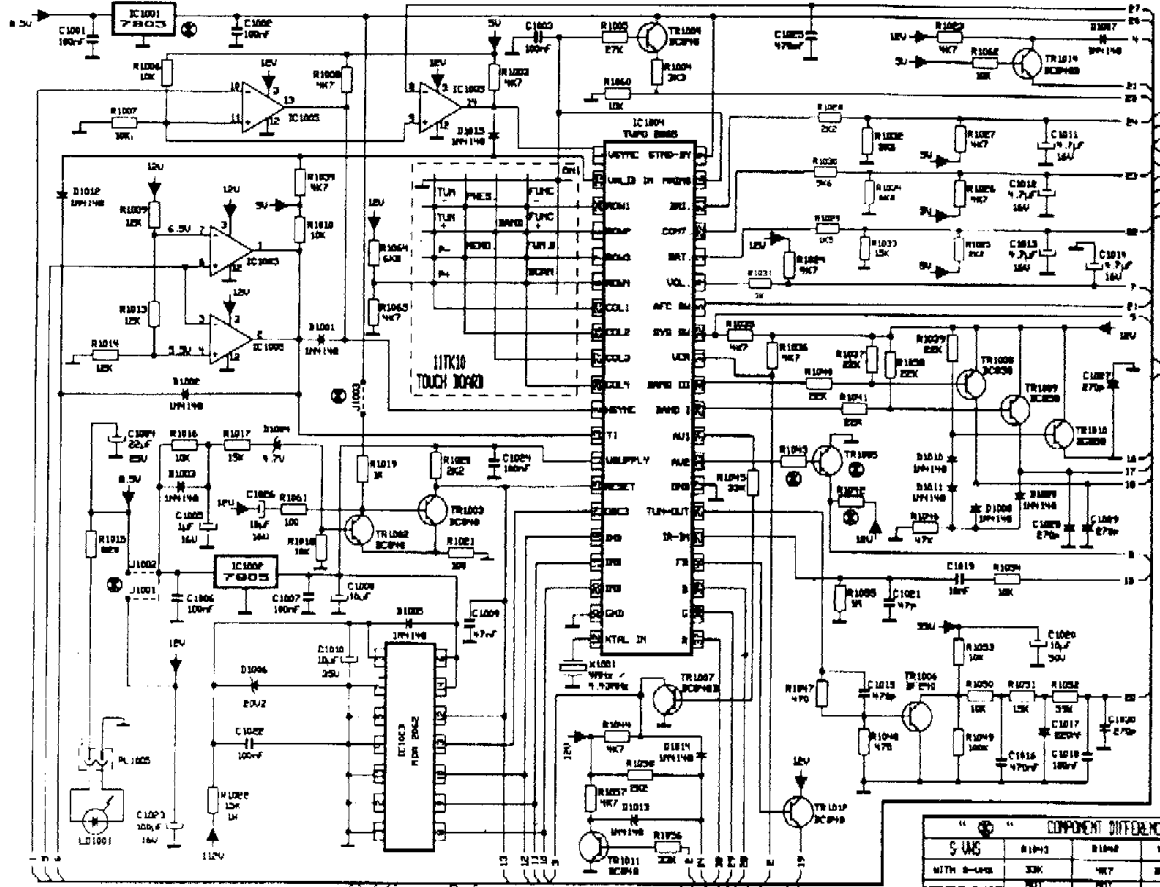
ANGLE-SP MOD LS J302
 002 IS NOT CO NECTED



AM Diagram



11 UK 04A Remote Controller Diagram

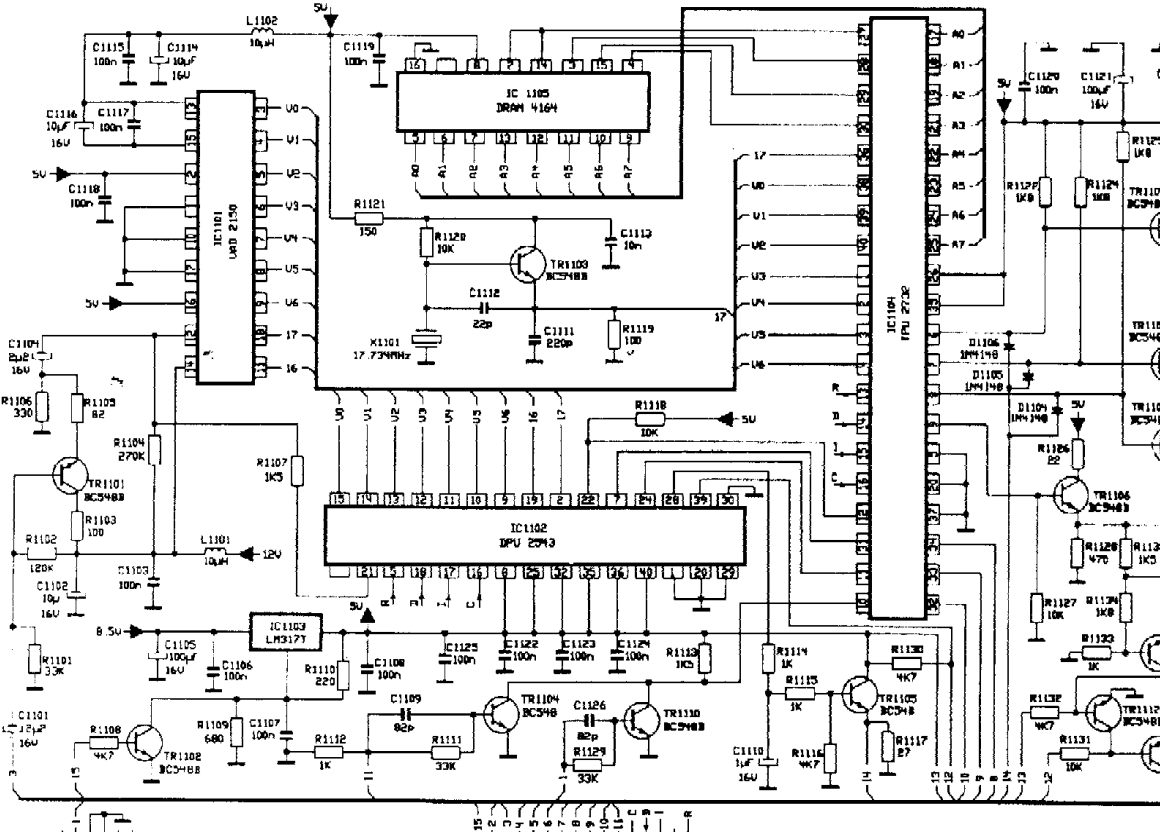


11UK04A REMOTE CONTROLLER (RC) MODULE

| COMPONENT DIFFERENCES | | | |
|-----------------------|---------------|---------------|---------------|
| 5 UKS | 11UKS | 11UKS | 11 |
| WITH 8-44S | 33K | 47K | 1K |
| WITHOUT 8-44S | NOT CONNECTED | CONNECTED | 11UKS |
| TEXT | J3001, J3002 | J3001, J3002 | J3001, J3002 |
| WITHOUT TEXT | CONNECTED | NOT CONNECTED | NOT CONNECTED |
| WITH TEXT | NOT CONNECTED | CONNECTED | CONNECTED |

TUPO BEGS USED-04 VERSION OF CONTROLLER IC WILL BE USED FOR MODELS WITH TELETEXT

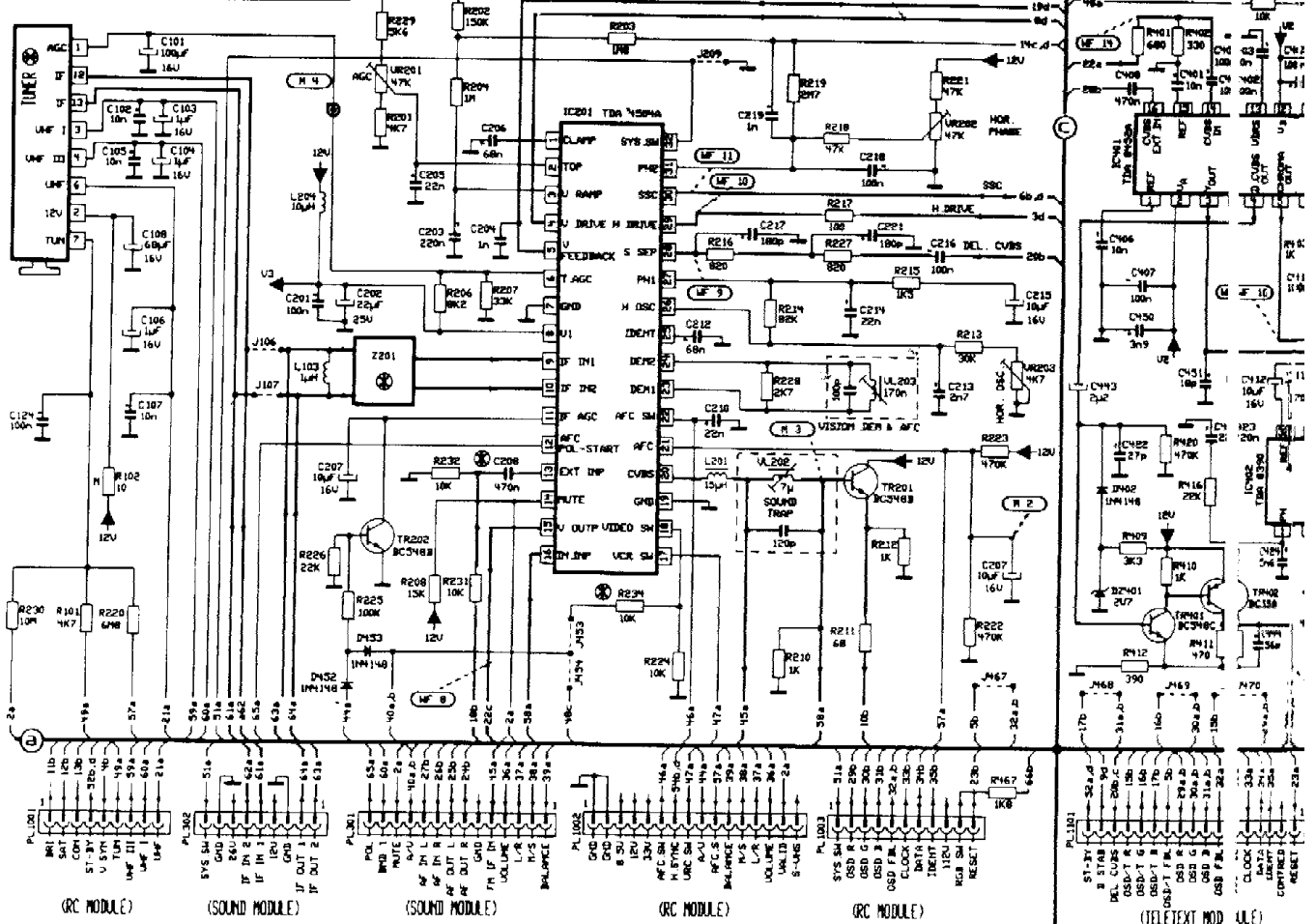
11 TT 03 Teletext Diagram



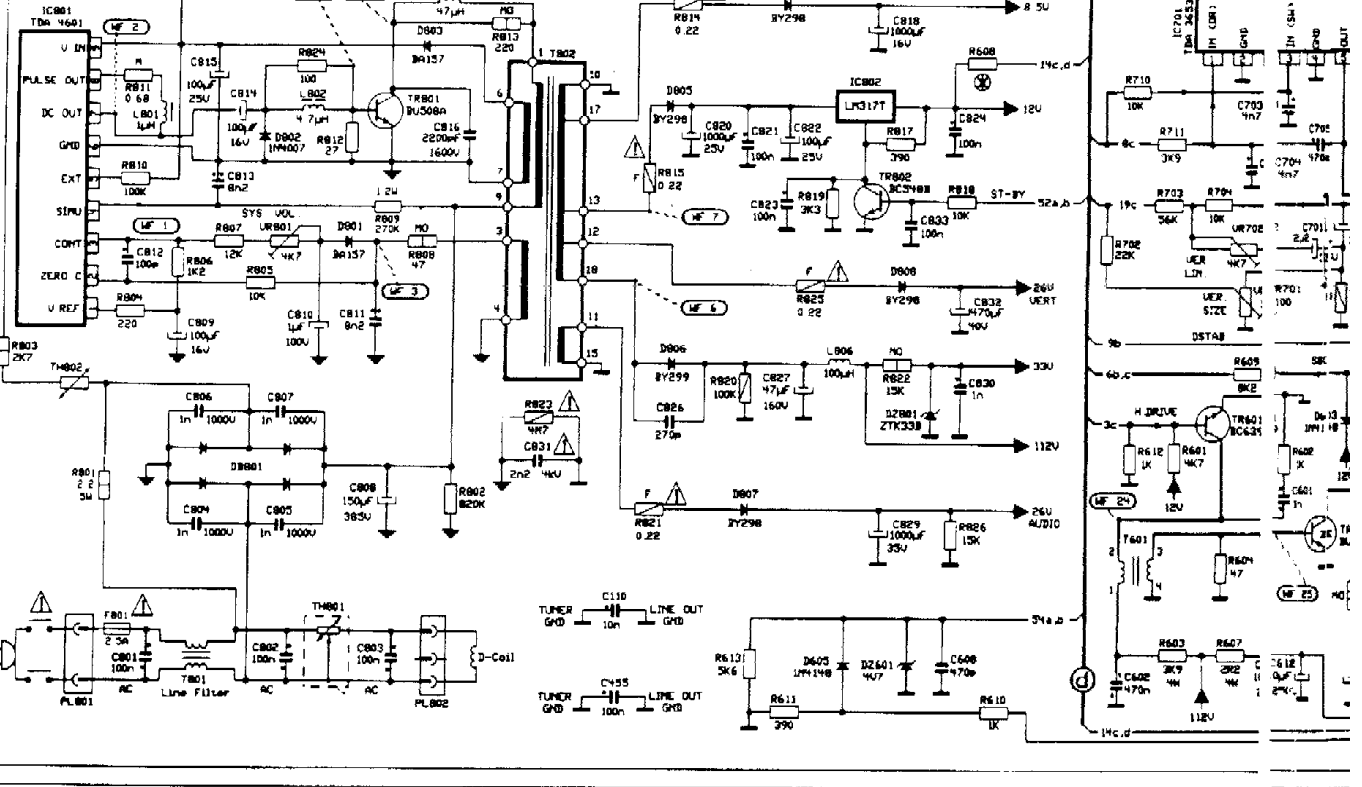
11TT03 TELETEXT MODULE

TR1112, TR1113, R1120, R1121, R1124, R1130, R1131 AND C1120 WILL NOT BE USED WITH TUPO BEGS USED-04 VERSION OF CONTROLLER IC.

IF & SYNC SEPARATOR STAGE



SMPS STAGE



- forms
- WF 1
- WF 2
- WF 3
- WF 4
- WF 5
- WF 6
- WF 7
- WF 8
- WF 9
- WF 9
- WF 10
- WF 11
- WF 12
- WF 13
- WF 14
- WF 15
- WF 16
- WF 17
- WF 17 (SECOND)
- WF 18
- WF 18 (SECOND)
- WF 19
- WF 20
- WF 21
- WF 22

