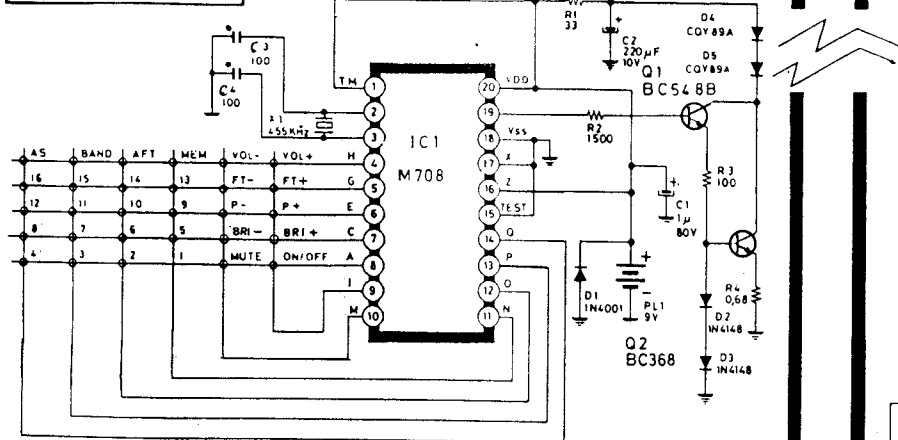
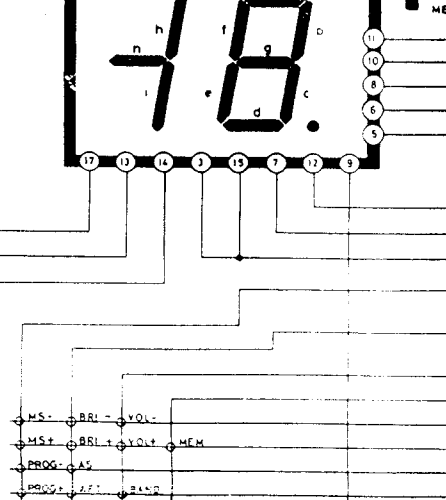
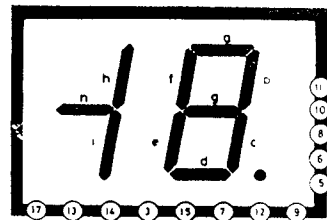


TRANSMITTER PCB 75-1239



DISPLAY PCB 75-1251

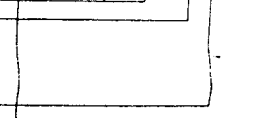
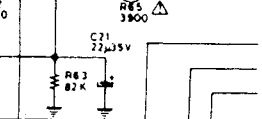
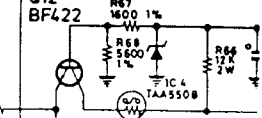
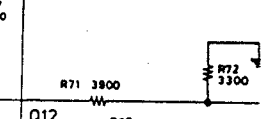
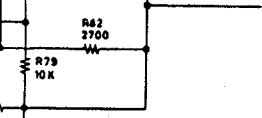
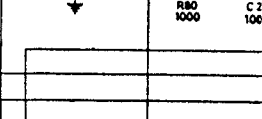
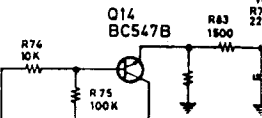
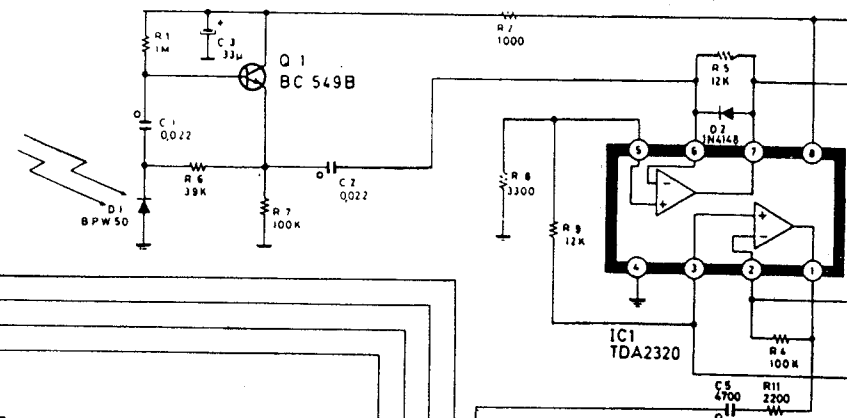
LD1



LD2 LD3 LD4

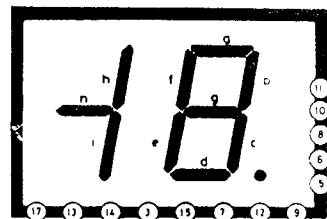
R37 2700

B6



DISPLAY PCB 75-1251

LD1



ME

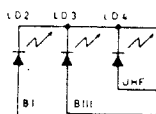
R21 680
R22 680
R23 750
R24 680
R25 680

R26 680
R27 680
R28 330 V2W

D11 1N4148
D12 1N4148

R37 2700

MS- BRL- VOL-
MS+ BRL+ VOL+ MEM
PROG- AS
PROG+ APT RAND



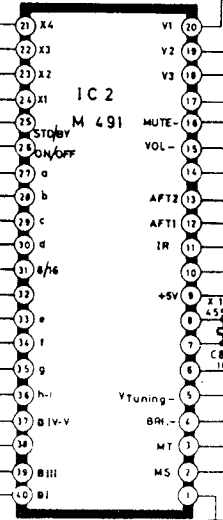
B1 B11

UHF

VR12 10K
VR11 10K

CONTRAST

TUNNING PCB 75-1250



Q4 BC 558
Q5 BC 558
Q6 BC 558

R31 8200
R32 10K
R33 10K
R34 10K
R35 8200
R36 10K

R37 2700
R38 960
R39 1500

R40 100
R41 82K
R42 1000
R43 1000
R44 5600
R45 1000
R46 47K
R47 470
R48 47K
R49 67K

R50 1000
R51 3300
R52 1600 1%
R53 5600 1%
R54 12K 2W
R55 3900
R56 82K
R57 220 35V

R58 1600 1%
R59 5600 1%
R60 12K 2W
R61 6800
R62 4700
R63 82K
R64 220 35V

R65 1600 1%
R66 5600 1%
R67 12K 2W
R68 3900
R69 82K
R70 220 35V

R71 3900
R72 3300
R73 1600 1%
R74 5600 1%
R75 12K 2W
R76 3900
R77 82K
R78 220 35V

R79 1600 1%
R80 5600 1%
R81 12K 2W
R82 3900
R83 82K
R84 220 35V

R85 1600 1%
R86 5600 1%
R87 12K 2W
R88 3900
R89 82K
R90 220 35V

R91 1600 1%
R92 5600 1%
R93 12K 2W
R94 3900
R95 82K
R96 220 35V

R97 1600 1%
R98 5600 1%
R99 12K 2W
R100 3900
R101 82K
R102 220 35V

R103 1600 1%
R104 5600 1%
R105 12K 2W
R106 3900
R107 82K
R108 220 35V

R109 1600 1%
R110 5600 1%
R111 12K 2W
R112 3900
R113 82K
R114 220 35V

R115 1600 1%
R116 5600 1%
R117 12K 2W
R118 3900
R119 82K
R120 220 35V

R121 1600 1%
R122 5600 1%
R123 12K 2W
R124 3900
R125 82K
R126 220 35V

R127 1600 1%
R128 5600 1%
R129 12K 2W
R130 3900
R131 82K
R132 220 35V

R133 1600 1%
R134 5600 1%
R135 12K 2W
R136 3900
R137 82K
R138 220 35V

R139 1600 1%
R140 5600 1%
R141 12K 2W
R142 3900
R143 82K
R144 220 35V

R145 1600 1%
R146 5600 1%
R147 12K 2W
R148 3900
R149 82K
R150 220 35V

R151 1600 1%
R152 5600 1%
R153 12K 2W
R154 3900
R155 82K
R156 220 35V

R157 1600 1%
R158 5600 1%
R159 12K 2W
R160 3900
R161 82K
R162 220 35V

R163 1600 1%
R164 5600 1%
R165 12K 2W
R166 3900
R167 82K
R168 220 35V

R169 1600 1%
R170 5600 1%
R171 12K 2W
R172 3900
R173 82K
R174 220 35V

R175 1600 1%
R176 5600 1%
R177 12K 2W
R178 3900
R179 82K
R180 220 35V

R181 1600 1%
R182 5600 1%
R183 12K 2W
R184 3900
R185 82K
R186 220 35V

R187 1600 1%
R188 5600 1%
R189 12K 2W
R190 3900
R191 82K
R192 220 35V

R193 1600 1%
R194 5600 1%
R195 12K 2W
R196 3900
R197 82K
R198 220 35V

R199 1600 1%
R200 5600 1%
R201 12K 2W
R202 3900
R203 82K
R204 220 35V

R205 1600 1%
R206 5600 1%
R207 12K 2W
R208 3900
R209 82K
R210 220 35V

R211 1600 1%
R212 5600 1%
R213 12K 2W
R214 3900
R215 82K
R216 220 35V

R217 1600 1%
R218 5600 1%
R219 12K 2W
R220 3900
R221 82K
R222 220 35V

R223 1600 1%
R224 5600 1%
R225 12K 2W
R226 3900
R227 82K
R228 220 35V

R229 1600 1%
R230 5600 1%
R231 12K 2W
R232 3900
R233 82K
R234 220 35V

R235 1600 1%
R236 5600 1%
R237 12K 2W
R238 3900
R239 82K
R240 220 35V

R241 1600 1%
R242 5600 1%
R243 12K 2W
R244 3900
R245 82K
R246 220 35V

R247 1600 1%
R248 5600 1%
R249 12K 2W
R250 3900
R251 82K
R252 220 35V

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R254 5600 1%
R255 12K 2W
R256 3900
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R258 220 35V

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R270 220 35V

R271 1600 1%
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R273 12K 2W
R274 3900
R275 82K
R276 220 35V

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R285 12K 2W
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R291 12K 2W
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R293 82K
R294 220 35V

R295 1600 1%
R296 5600 1%
R297 12K 2W
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R299 82K
R300 220 35V

R301 1600 1%
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R303 12K 2W
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R306 220 35V

R307 1600 1%
R308 5600 1%
R309 12K 2W
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R311 82K
R312 220 35V

R313 1600 1%
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R315 12K 2W
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R317 82K
R318 220 35V

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R323 82K
R324 220 35V

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R326 5600 1%
R327 12K 2W
R328 3900
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R330 220 35V

R331 1600 1%
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R335 82K
R336 220 35V

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R341 82K
R342 220 35V

R343 1600 1%
R344 5600 1%
R345 12K 2W
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R347 82K
R348 220 35V

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R351 12K 2W
R352 3900
R353 82K
R354 220 35V

R355 1600 1%
R356 5600 1%
R357 12K 2W
R358 3900
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R360 220 35V

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R365 82K
R366 220 35V

R367 1600 1%
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R369 12K 2W
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R371 82K
R372 220 35V

R373 1600 1%
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R375 12K 2W
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R377 82K
R378 220 35V

R379 1600 1%
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R381 12K 2W
R382 3900
R383 82K
R384 220 35V

R385 1600 1%
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R387 12K 2W
R388 3900
R389 82K
R390 220 35V

R391 1600 1%
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R393 12K 2W
R394 3900
R395 82K
R396 220 35V

R397 1600 1%
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R399 12K 2W
R400 3900
R401 82K
R402 220 35V

R403 1600 1%
R404 5600 1%
R405 12K 2W
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R407 82K
R408 220 35V

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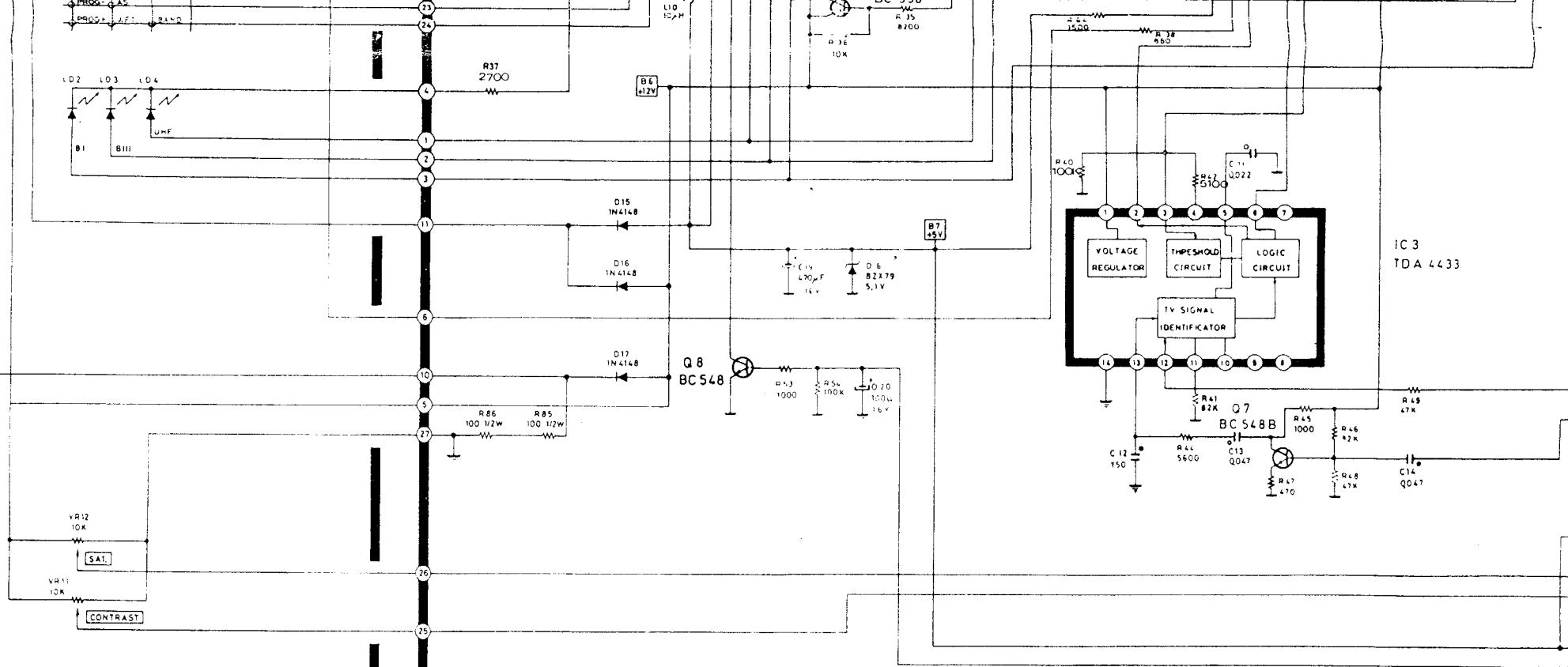
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R623 82K
R624 220 35V

R625 1600 1%
R626 5600 1%
R627 12K 2W
R628 3900
R629 82K
R630 220 35V

R631 1600 1%
R632 5600 1%
R633 12K 2W
R634 3900
R635 82K
R636 220 35V

R637 1600 1%
R638 5600 1%
R639 12K 2W
R640 3900
R641 82K
R642 2



TUNNING PCB 75-1250



COLOUR TELEVISION

Model FTM 636
Model FTM 642
Model FTM 651
Chassis 057

PRODUCT SAFETY NOTICE

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by a mark  in this circuit diagram show components whose value have special significance to product safety. It is particularly recommended that only parts specified on the parts list of service manual be used for components replacement pointed out by the mark.

CIRCUIT DIAGRAM NOTES:

1. All resistance values in ohms K = 1,000 M = 1,000,000.
2. Unless otherwise noted in circuit diagram all capacitor values less than 1 are expressed in μF , and the values more than 1 are in pF.
3. Voltage reading taken with "VOM" from point indicated to chassis ground.
Voltage reading taken using colour bar signal, all controls at normal. Some voltage may vary with signal strength.
4. Waveforms were taken with colour bar signal and controls adjusted for normal picture. Waveforms were taken using a wide band oscilloscope and low capacity probe.
5. All resistance values for transformers must be measured under unwired condition.
6. This circuit diagram covers basic or representative chassis only. There may be some component or partial circuit difference between actual chassis and circuit diagram.

11

12

13

15

16

17

18

19

20

21

22

4Vp-p Horiz.

0.2Vp-p Horiz.

0.25Vp-p Horiz.

15Vp-p Horiz.

6.4Vp-p Horiz.

6.2Vp-p Horiz.

10.5Vp-p Horiz.

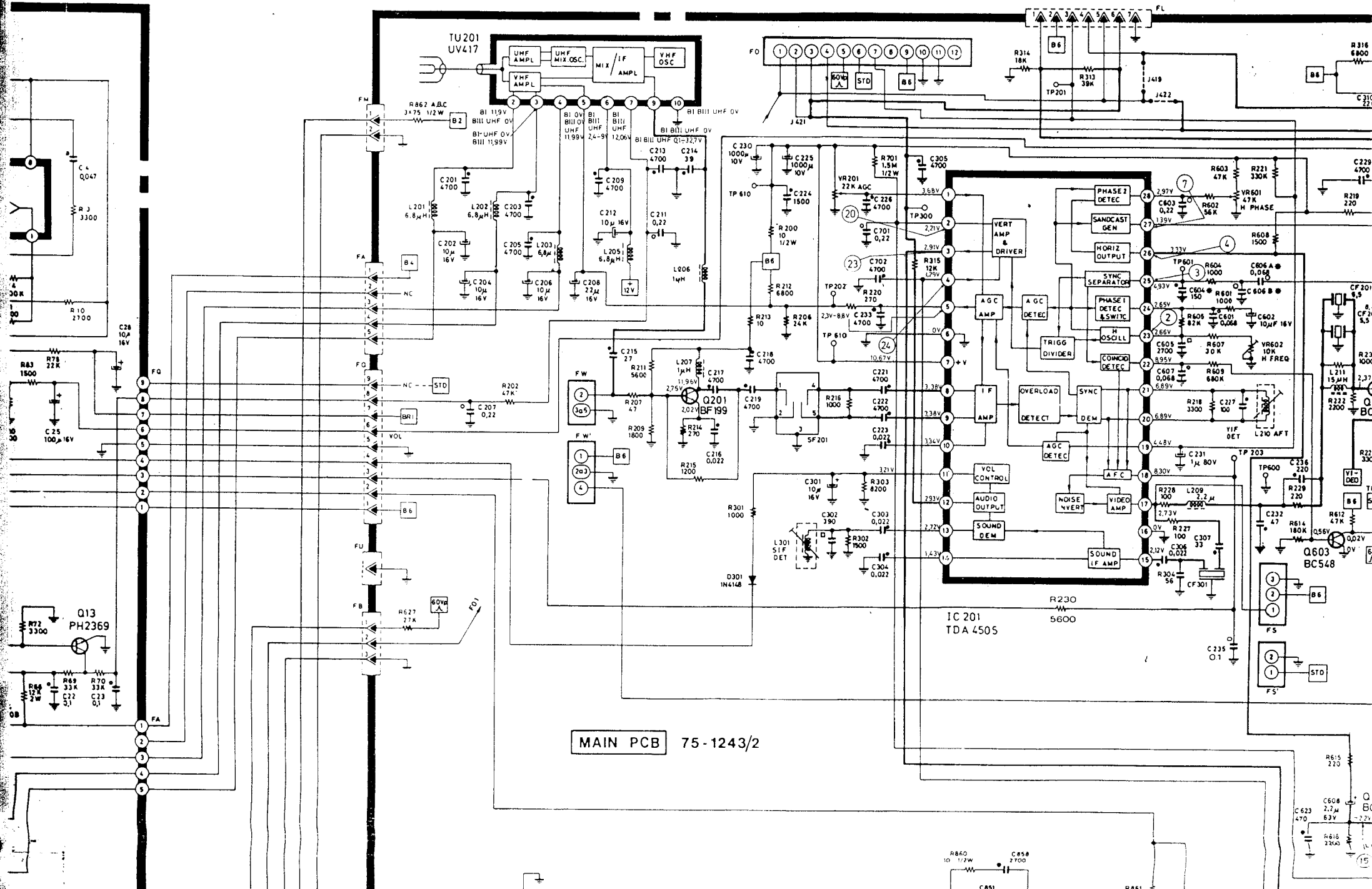
930Vp-p Horiz.

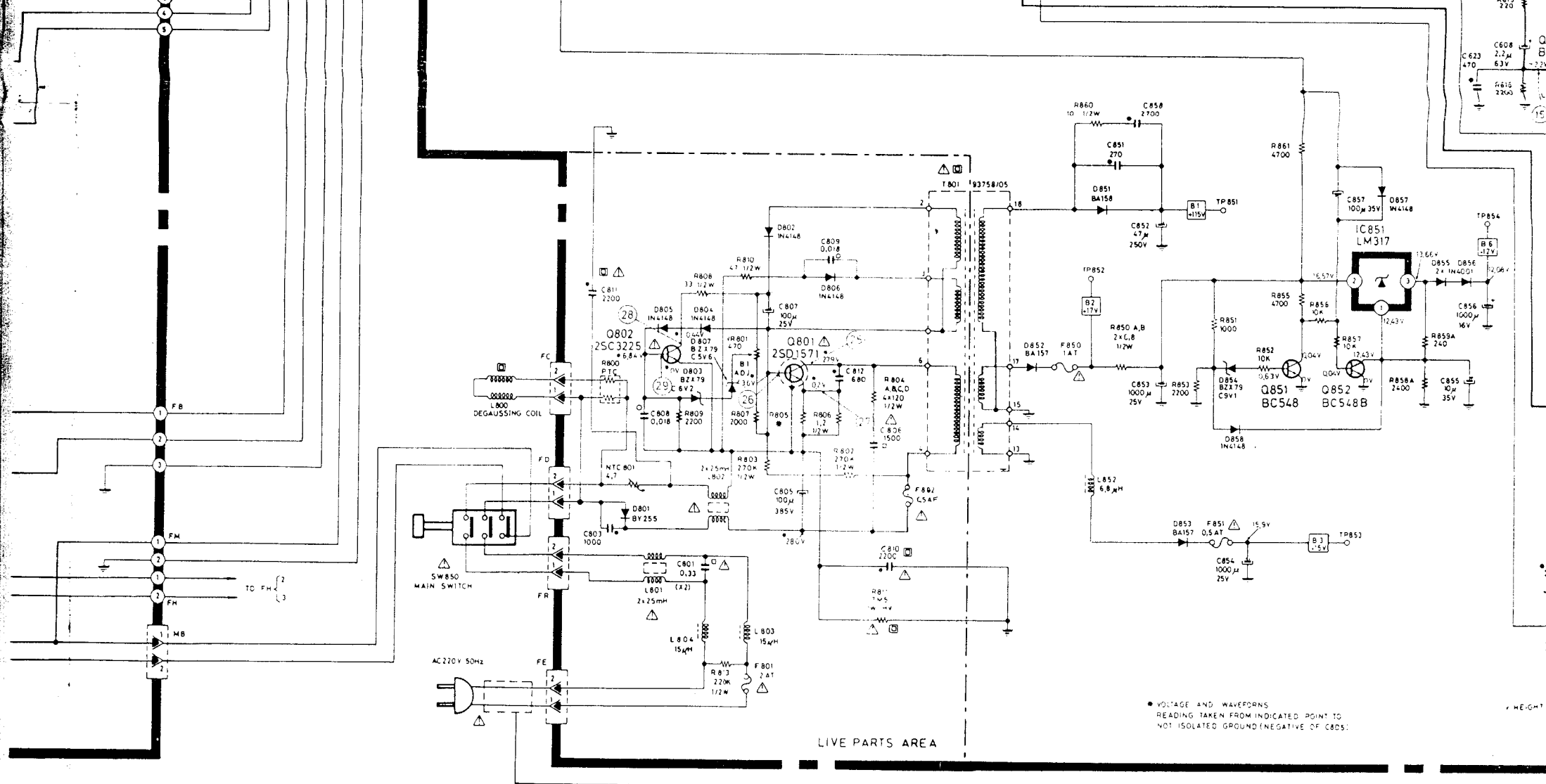
27Vp-p Vert.

0.95Vp-p Vert.

1.7Vp-p Vert.

57Vp-p Vert.



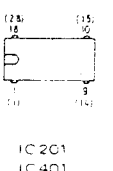
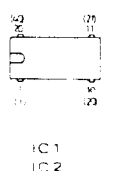


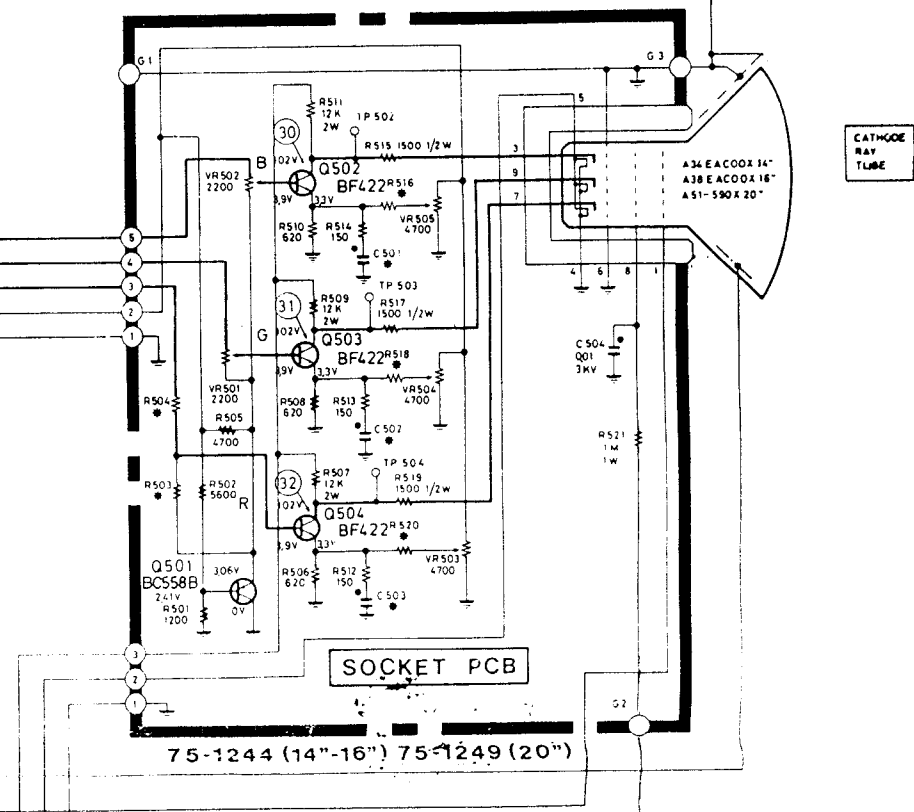
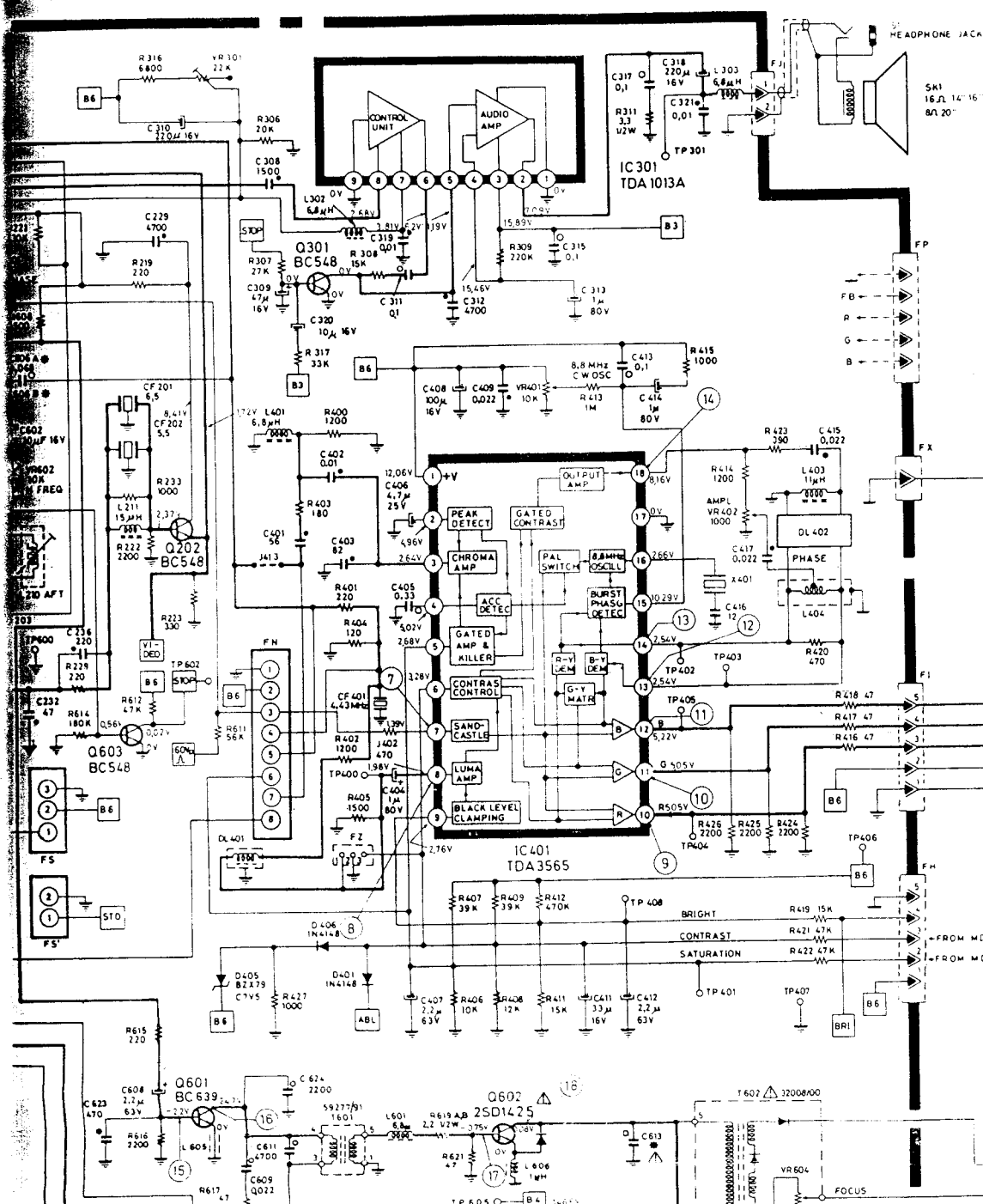
PRODUKTSICHERUNGSBESTIMMUNGEN

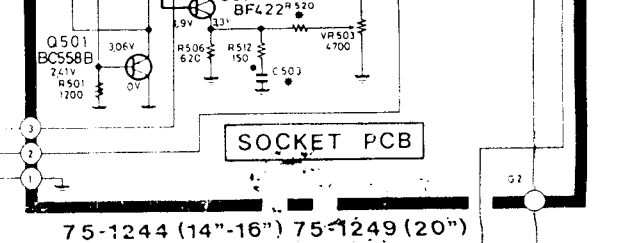
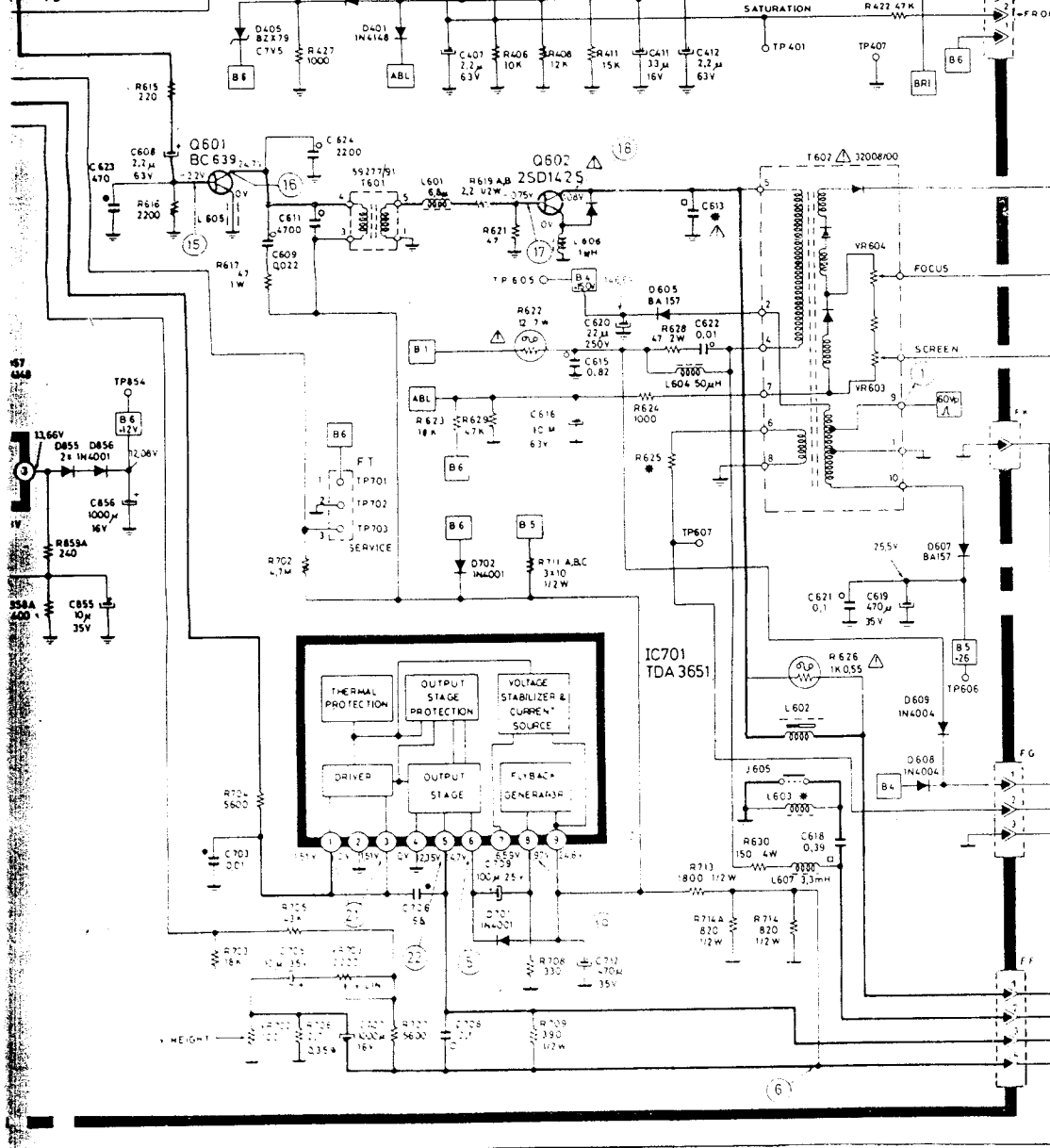
Bei jeden Bauteilwechsel im Gerät sind die Bestimmungen der Produktsicherung zu beachten. Bauteile, die im Schaltplan mit  gekennzeichnet sind unterliegen bestimmten Sicherheitsbestimmungen. Als Ersatz für solche mit  gekennzeichneten Bauteile dürfen nur Originalteile verwendet werden, die in diesem Manual ausdrücklich empfohlen werden.

ZUR BEACHTUNG

1. Alle Wertangaben für Widerstände in ohm, K = 1.000 / M = 1.000.000.
2. Sofern nicht anderslautend im Schaltplan vermerkt, sind alle Kondensatorenwerte unter in μ F und über 1 in pF ausgewiesen.
3. Spannungsangaben sind gegen Chassis Masse bezogen. Alle Spannungen gemessen bei Normaleinstellung mit Farbbalken-Signal. Einige Spannungsangaben können mit dem Antennensignal variieren.
4. Alle Oszillogramme sind bezogen auf Empfang eines Farbbalken-Signals und Normaleinstellung sowie gemessen mit einem breitbandigen Oszilloskope unter Verwendung kapazitätsarmer Tastköpfe.
5. Alle Widerstandswerte von Transformatoren sind in unbelastetem Zustand gemessen.
6. Änderungen die dem technischen Fortschritt und der Verbesserung der Qualität unserer Produkte dienen behalten wir uns vor.



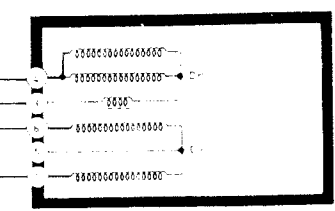




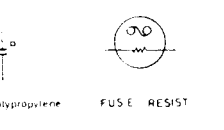
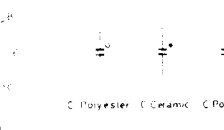
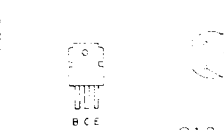
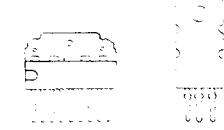
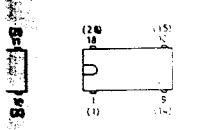
COMPONENT VALUES FOR EACH CRT TYPE

	C501	C502	C503	J504	R503	R504	R516	R518	R520	L603	C613	R625	R805
14	270	270	270	—	1500	680	3300	3300	3300	300μ	7500	1.8	1.5
16	270	270	270	—	1500	680	3300	3300	3300	200μ	7500	1.8	1.5
20"	470	470	470	Short	1800	330	2200	2200	2200	150μ	9100	0.82	1.0

RTV servis Horvat
 Kešinci, 31402 Semeljci
 Tel : 031-856-637
 Tel / fax : 031-856-139
 Mob : 098-788-319
rtv-servis-horvat@os.tel.hr



DEFLECTION
 Yoke
 AT 1625/20 16
 AT 1635/20 16
 AT 1736/20 20



IC201
IC401

IC301
IC701

Q602
Q801

Q1-2, Q1-5-6
Q7-8, Q9-11-13
Q14-20, Q2-301
Q501-603
Q851-852

Q201

C Polyester C Ceramic C Polypropylene

FUSE RESIST

A51-590X

A34EAC00X
A38EAC00X