FOR SECAM L/L'

IC303 LA7910

IC301 [MONO] CTV322S [STEREO] CTV352S

IC402 TDA7057AQ (STEREO)

IC401 TDA7056A (MONO)

IC101 TDA8362 (PAL/SECAM)

TDA8361 (PAL)

IC601 TDA3653

IC102 TDA4665 DELAY LINE

IC251 TDA8395 SECAM

IC451 SAA5254P

IC252 TDA9830

IC1 TDA4605

IC4 L7808

IC3 LM317

IC2 L7805

EM101 SAMSUNG-TUNER

EM301 10.00MHz

EM102 4.433619MHz

EM451 27MHz

EM1 2 x 74MH

EM2 PTH451A

FI101 SAF38.9MS51P

FI251 L9453M

CN101

CN102

CN103

CN302

CN303

CN401

CN401A

CN451

CN602 (VERT.) V.DEFLYOKE

CN603

CN601 (HORIZ.) HOR.DEFL. YOKE

CN652

CN653

CN1 DEGAUSS

CN2 2.5M

CN301

CN651 21PIN

IR. MODULE

LED301 RED

EM302 TFMS1360

V.LINEARITY

V.AMP

V.SHIFT

H.SHIFT

R G B SHIFT

VERT.PULSE (TXT)

VERT.SUP (H.DRV)

SPEAKERS

VIDEO

SIMPLE TEXT

FOR MONO SECAM L/L'

D1–D4 4 x 1N4007

WHEN SERVICING THIS AREA, CONNECT AN ISOLATING TRASFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.

B/G SOUND & MOD. POLARITY SWITCH FOR MONO SECAM L/L'

Telestar 4155T 1/2

1) 5µsn/div 100volt/div — DRAIN OF Q1

2) 20µsn/div 2volt/div — IC 301 pin 26

3) 5msn/div 2volt/div — IC 301 pin 27

4) 5msn/div 0.5volt/div — IC 101 pin 41

5) 5msn/div 1volt/div — IC 601 pin 3

6) 5msn/div 20volt/div — IC 601 pin 5

7) 20µsn/div 2volt/div — IC 101 pin 38

8) 20µsn/div 2volt/div — IC 101 pin 20

9) 20µsn/div 2volt/div — IC 101 pin 19

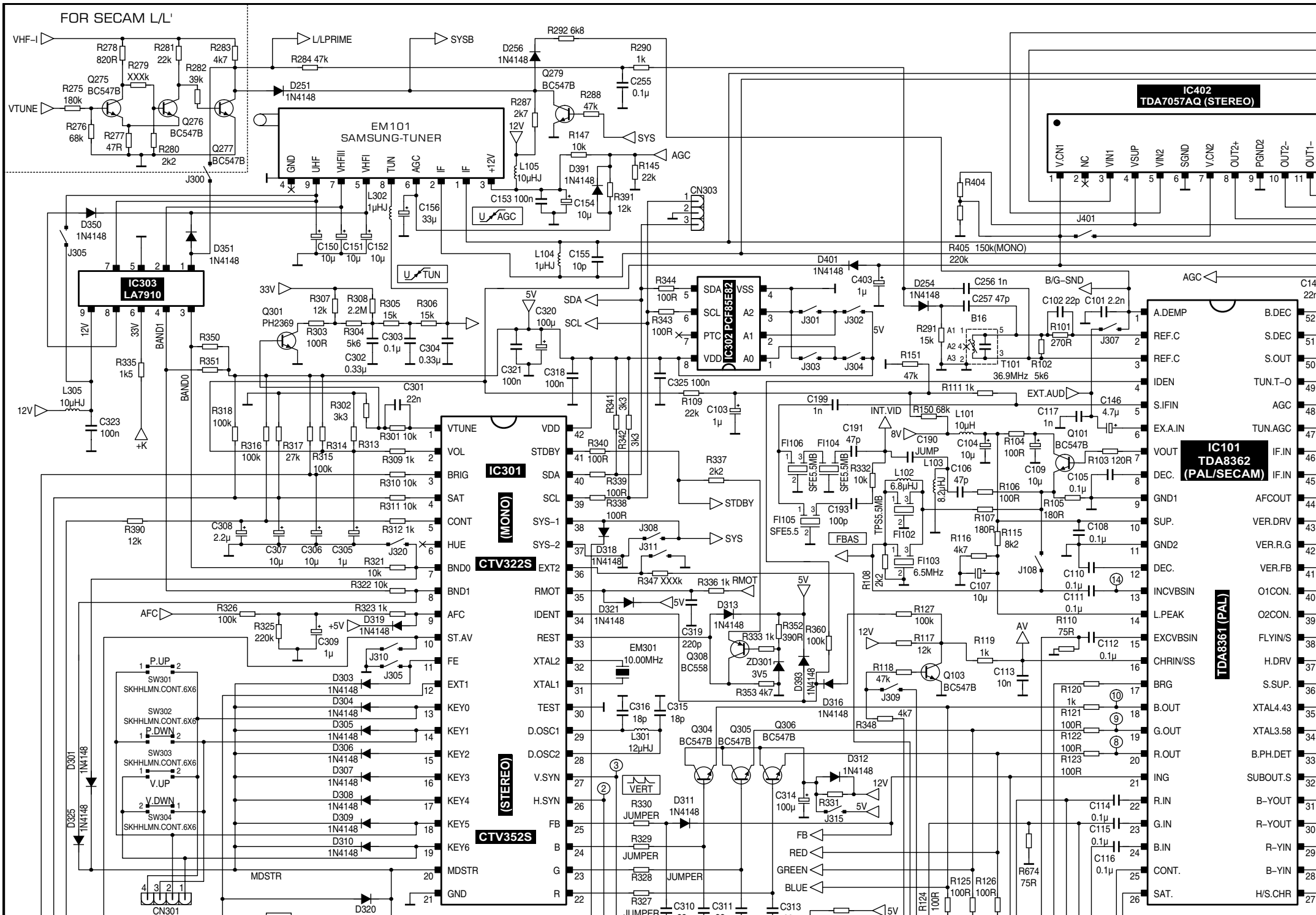
10) 10µsn/div 2volt/div — IC 101 pin 18

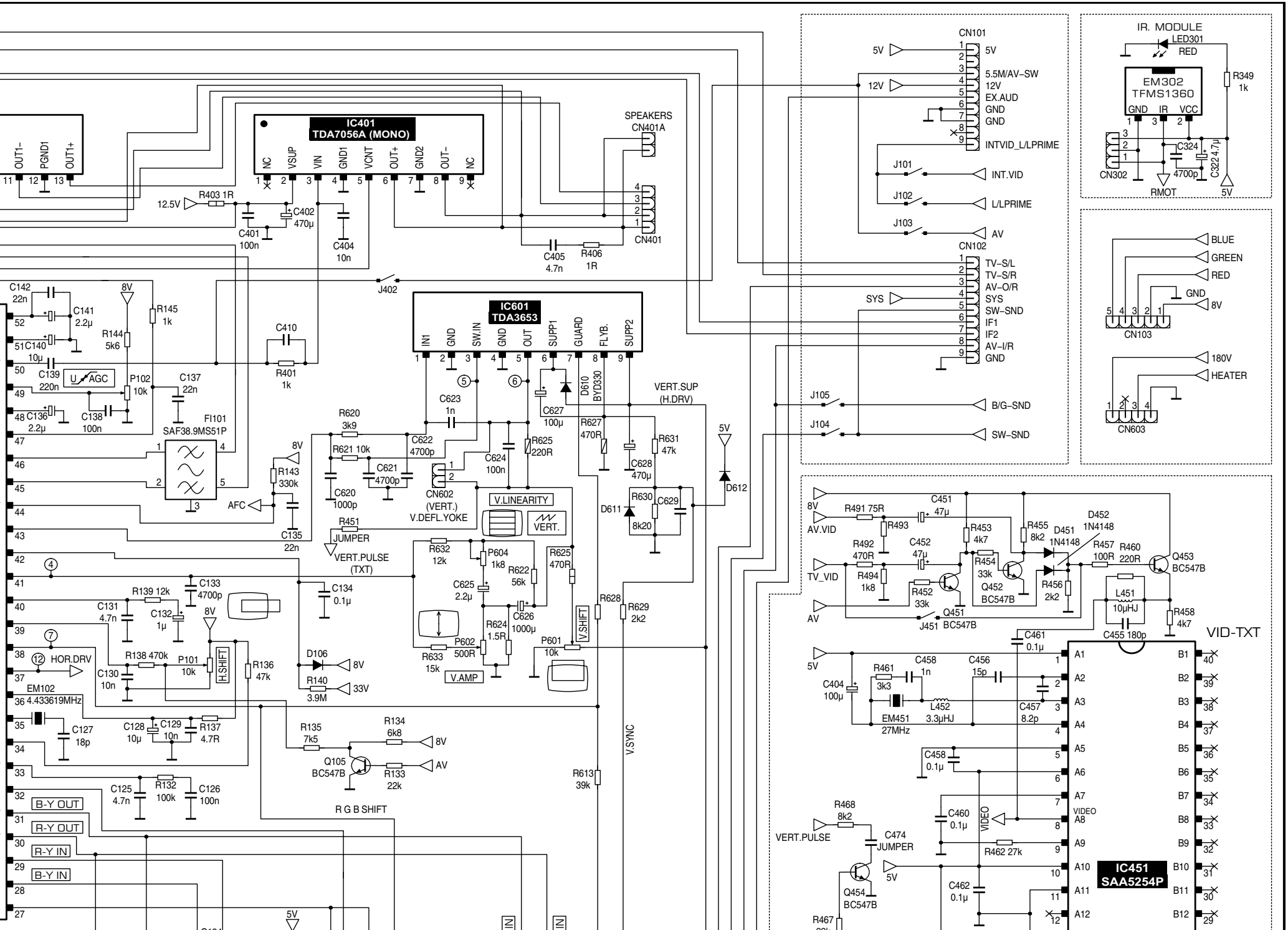
11) 10µsn/div 250volt/div — Collector of Q602

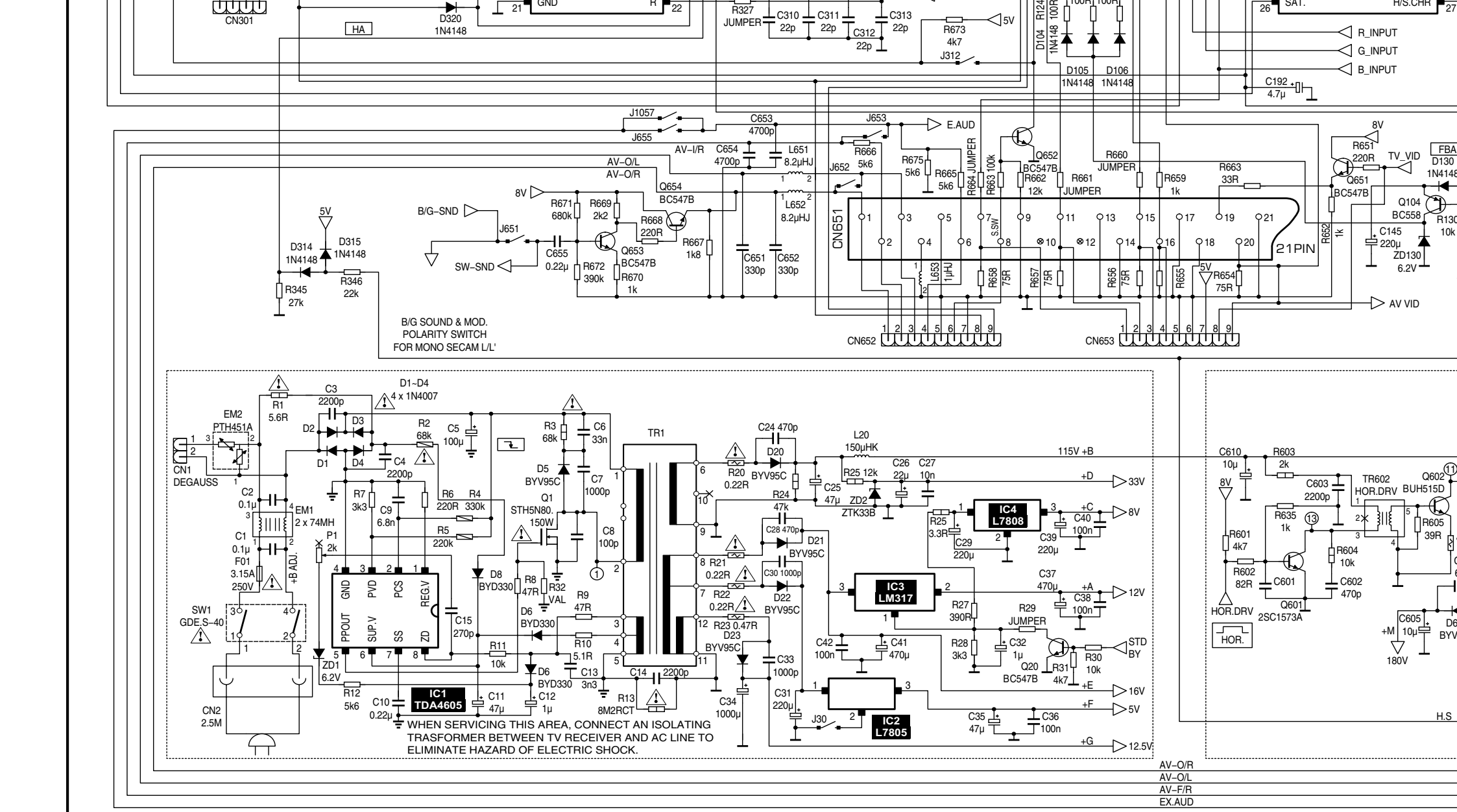
12) 20µsn/div 0.2volt/div — IC 101 pin 37

13) 20µsn/div 50volt/div — Collector of Q601

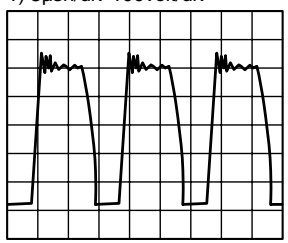
14) 20µsn/div 1volt/div — IC 101 pin 13


FOR SECAM L/L'
IC303
LA7910
IC301
(MONO)
CTV322S
(STEREO)
CTV352S
IC402
TDA7057AQ (STEREO)
IC101
TDA8362
(PAL/SECAM)
TDA8361 (PAL)
EM101
SAMSUNG-TUNER
IC302 PCF8582
SW301 SKHHLMN.CONT.6X6
SW302 SKHHLMN.CONT.6X6
SW303 SKHHLMN.CONT.6X6
SW304 SKHHLMN.CONT.6X6
P.UP
P.DWN
V.UP
V.DWN
VHF-I
VTUNE
L/LPRIME
SYSB
AGC
SYS
STDBY
RMOT
AFC
MDSTR
FBAS
EXT.AUD
B/G-SND
INT.VID
VERT
FB
RED
GREEN
BLUE
10.00MHz
T101 36.9MHz
R405 150k(MONO) 220k


IC401
TDA7056A (MONO)
NC VSUP VIN GND1 VCNT OUT+ GND2 OUT− NC
OUT1− PGND1 OUT1+
SPEAKERS
CN401A
CN401
12.5V
R403 1R
C401 100n
C402 470µ
C404 10n
C405 4.7n
R406 1R
J402
IC601
TDA3653
IN1 GND SW.IN GND OUT SUPP1 GUARD FLYB. SUPP2
C142 22n
C141 2.2µ
C140 10µ
C139 220n
C136 2.2µ
C138 100n
R144 5k6
R145 1k
C410
R401 1k
U_AGC
P102 10k
C137 22n
FI101
SAF38.9MS51P
AFC
R143 330k
C135 22n
R620 3k9
R621 10k
C620 1000p
C622 4700p
C621 4700p
C623 1n
C624 100n
R625 220R
CN602
(VERT.)
V.DEFL.YOKE
V.LINEARITY
VERT.
C627 100µ
D610 BYD330
R627 470R
C628 470µ
R631 47k
D611
R630 8k20
C629
D612
VERT.SUP
(H.DRV)
5V
R451
JUMPER
VERT.PULSE
(TXT)
R632 12k
P604 1k8
R622 56k
C625 2.2µ
C626 1000µ
R624 1.5R
R633 15k
P602 500R
V.AMP
P601 10k
V.SHIFT
R625 470R
R628
R629 2k2
V.SYNC
R613 39k
C134 0.1µ
R139 12k
C133 4700p
C131 4.7n
C132 1µ
HOR.DRV
R138 470k
P101 10k
H.SHIFT
R136 47k
C130 10n
D106
R140 3.9M
33V
EM102
4.433619MHz
C127 18p
C128 10µ
C129 10n
R137 4.7R
R135 7k5
R134 6k8
Q105
BC547B
R133 22k
AV
C125 4.7n
R132 100k
C126 100n
B-Y OUT
R-Y OUT
R-Y IN
B-Y IN
R G B SHIFT
CN101
5V
12V
5.5M/AV−SW
12V
EX.AUD
GND
GND
INTVID_L/LPRIME
J101
INT.VID
J102
L/LPRIME
J103
AV
CN102
TV−S/L
TV−S/R
AV−O/R
SYS
SW−SND
IF1
IF2
AV−I/R
GND
SYS
J105
B/G−SND
J104
SW−SND
IR. MODULE
LED301
RED
EM302
TFMS1360
GND IR VCC
R349 1k
C324
C322 4.7µ
4700p
CN302
RMOT
5V
BLUE
GREEN
RED
GND
8V
CN103
180V
HEATER
CN603
8V
AV.VID
R491 75R
C451 47µ
R493
R453 4k7
R455 8k2
D451 1N4148
D452 1N4148
R492 470R
C452 47µ
R457 100R
R460 220R
Q453 BC547B
TV_VID
R494 1k8
R454 33k
Q452 BC547B
R456 2k2
R452 33k
Q451 BC547B
J451
L451 10µHJ
R458 4k7
C455 180p
VID-TXT
C461 0.1µ
C458 1n
C456 15p
C404 100µ
R461 3k3
EM451 27MHz
L452 3.3µHJ
C457 8.2p
C458 0.1µ
R468 8k2
VERT.PULSE
C474 JUMPER
C460 0.1µ
VIDEO
R462 27k
Q454 BC547B
C462 0.1µ
R467
IC451
SAA5254P
A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12
B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12



1) 5µsn/div 100volt/div



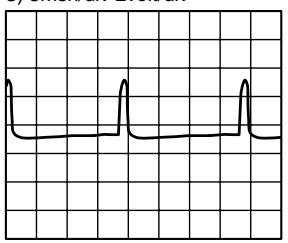
DRAIN OF Q1

2) 20µsn/div 2volt/div



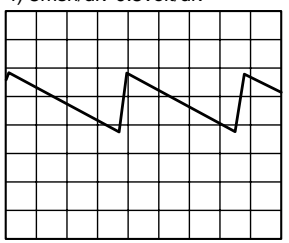
IC 301 pin 26

3) 5msn/div 2volt/div



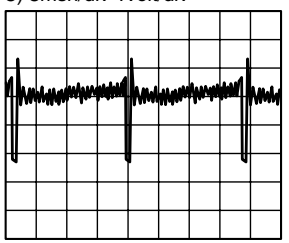
IC 301 pin 27

4) 5msn/div 0.5volt/div



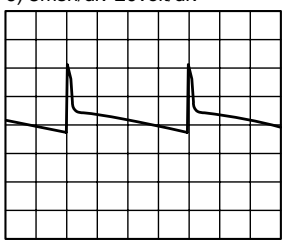
IC 101 pin 41

5) 5msn/div 1volt/div



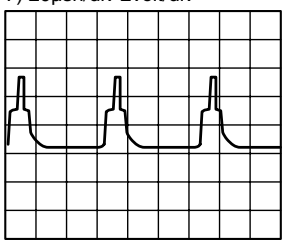
IC 601 pin 3

6) 5msn/div 20volt/div



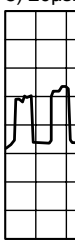
IC 601 pin 5

7) 20µsn/div 2volt/div

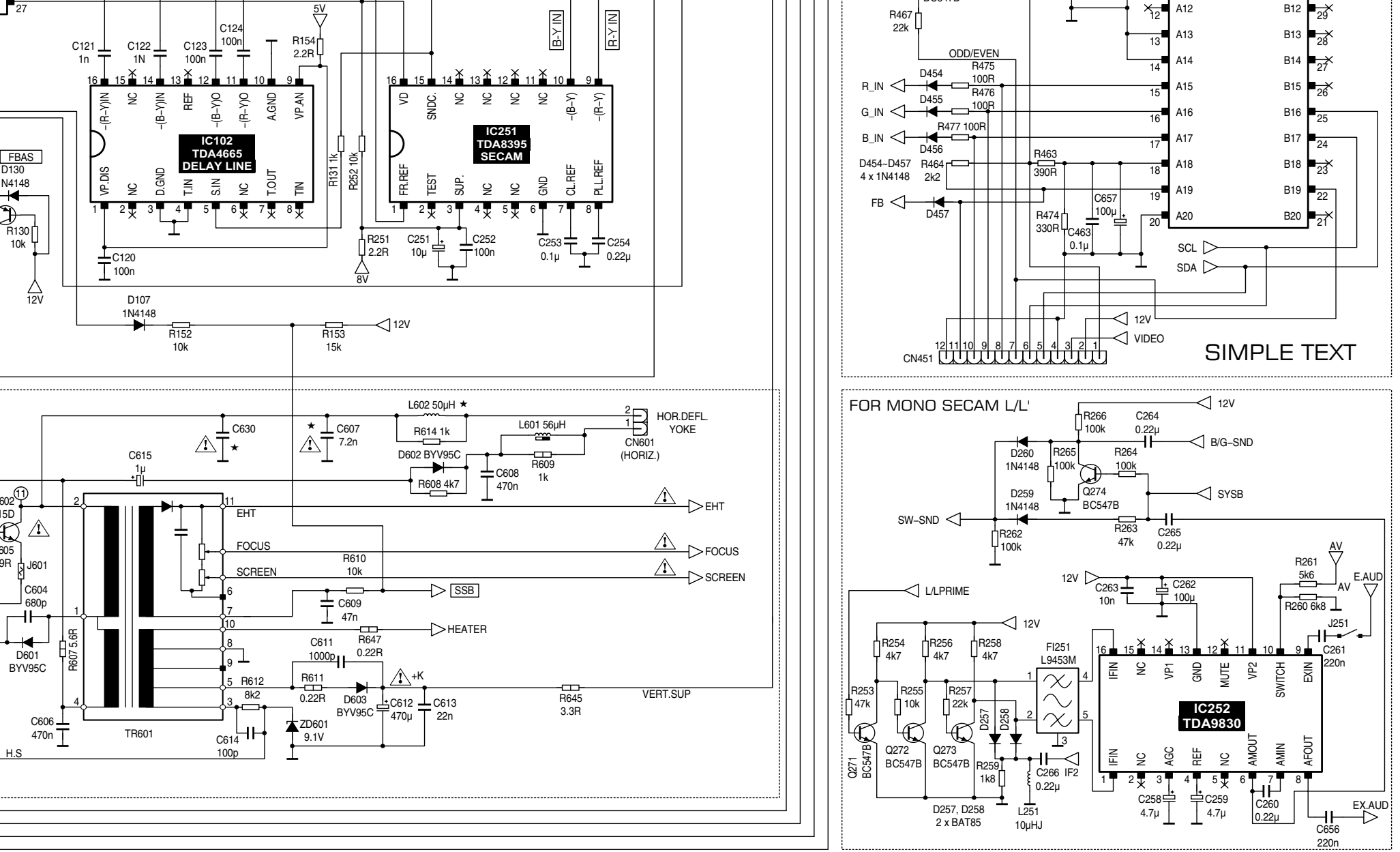


IC 101 pin 38

8) 20µsn

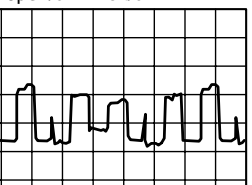


IC 101 p



8) 20µsn/div 2volt/div

101 pin 20



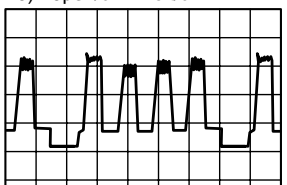
9) 20µsn/div 2volt/div

IC 101 pin 19



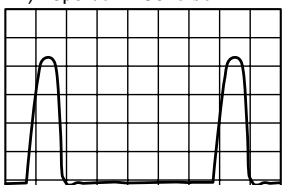
10) 10µsn/div 2volt/div

IC 101 pin 18



11) 10µsn/div 250volt/div

Collector of Q602



12) 20µsn/div 0.2volt/div

IC 101 pin 37



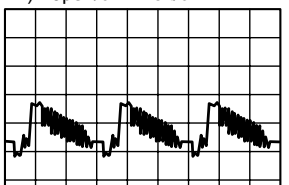
13) 20µsn/div 50volt/div

Collector of Q601

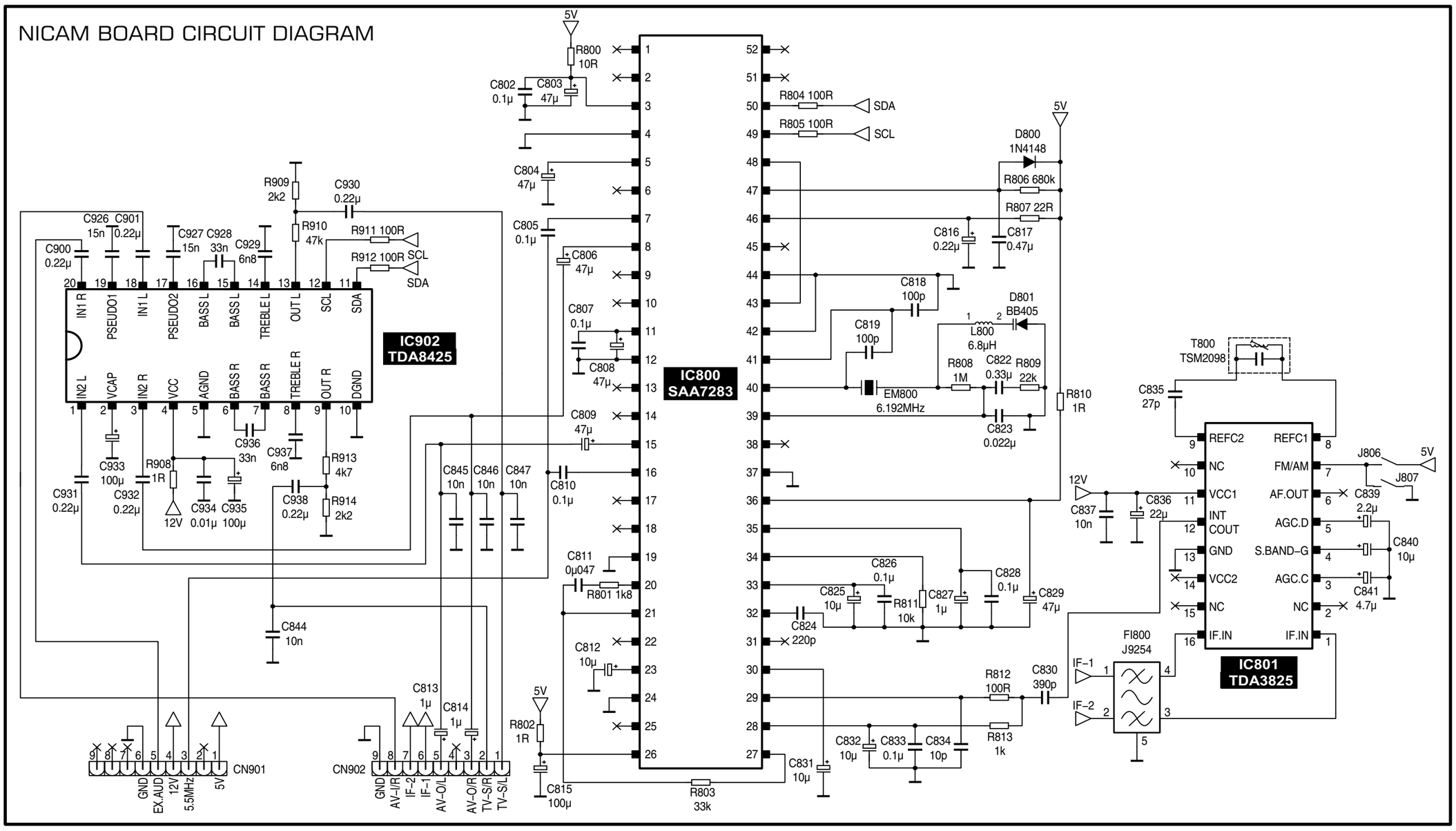


14) 20µsn/div 1volt/div

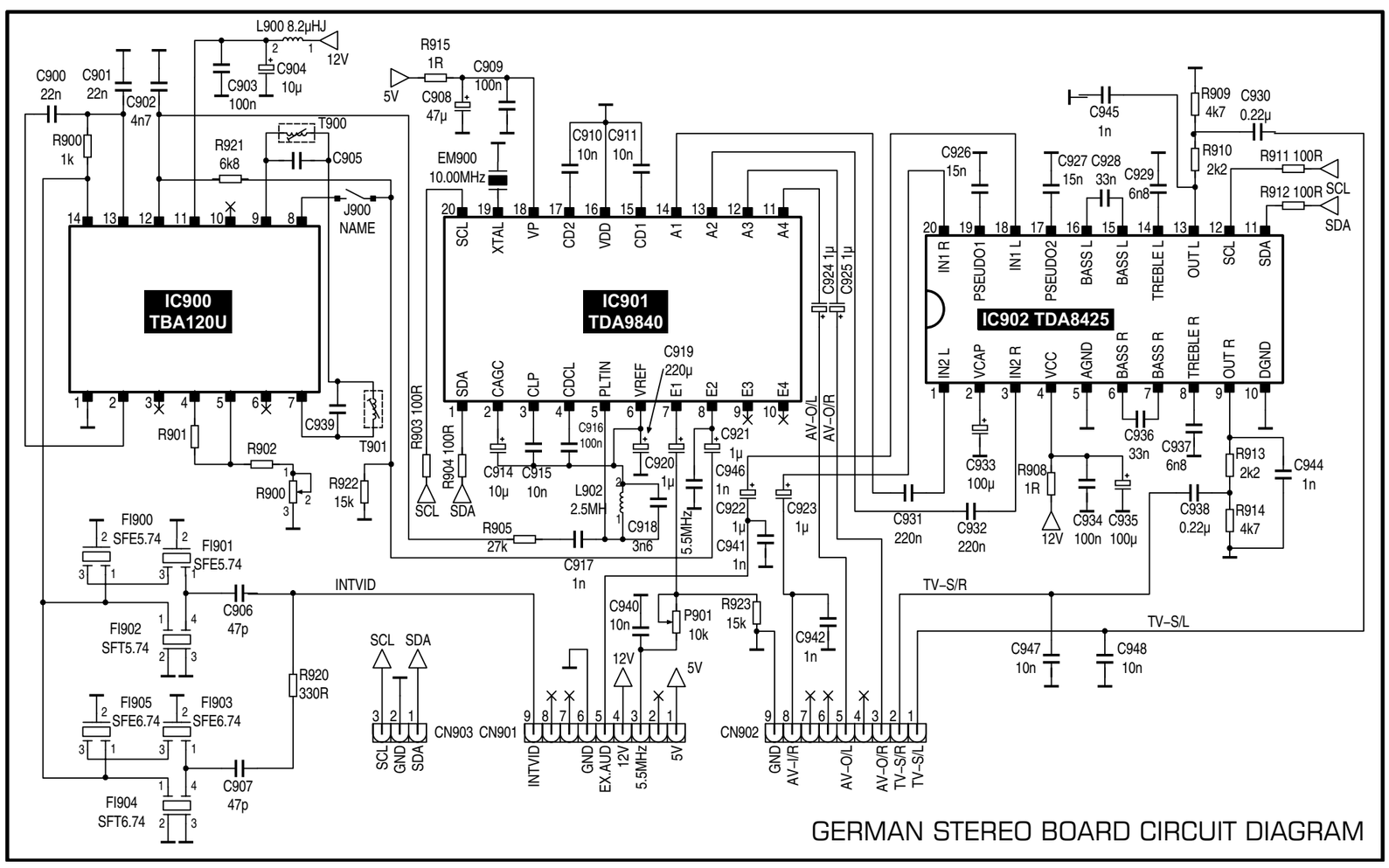
IC 101 pin 13

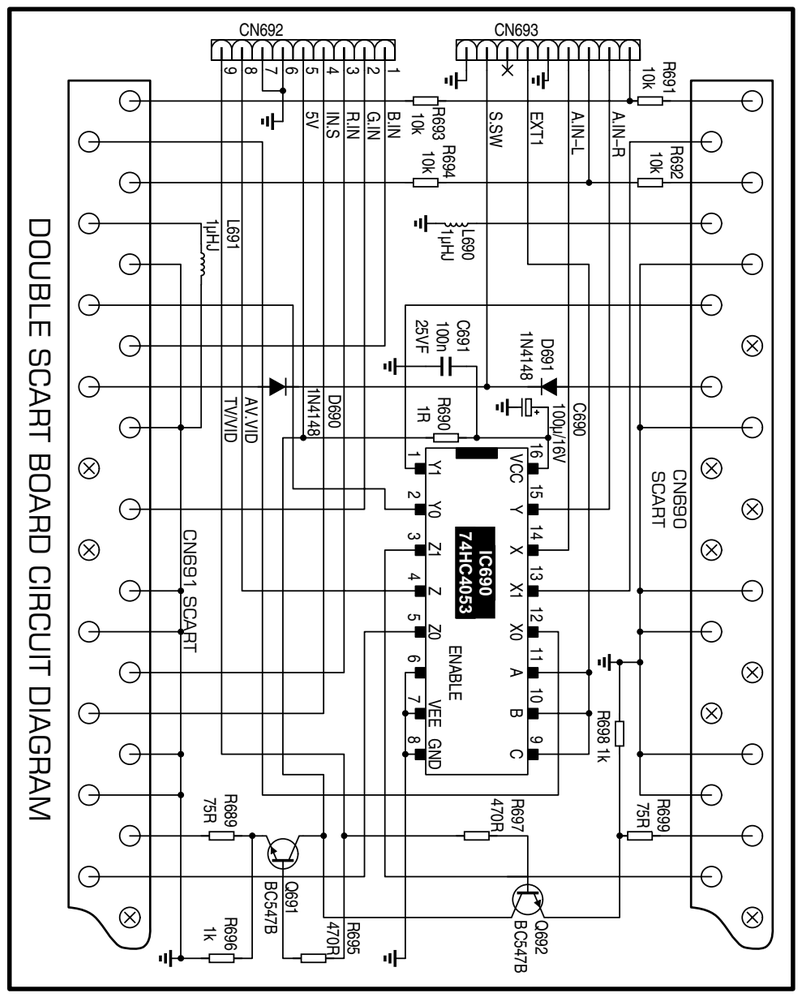


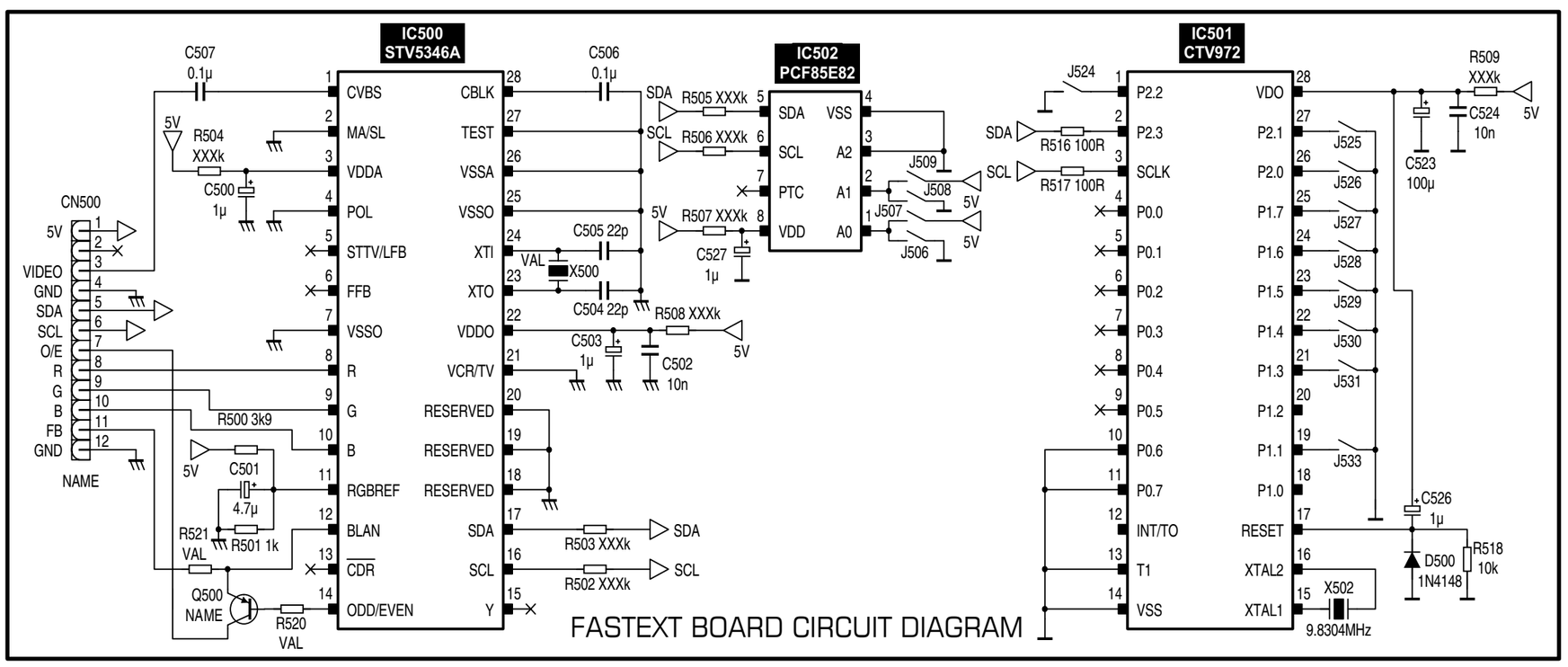
NICAM BOARD CIRCUIT DIAGRAM

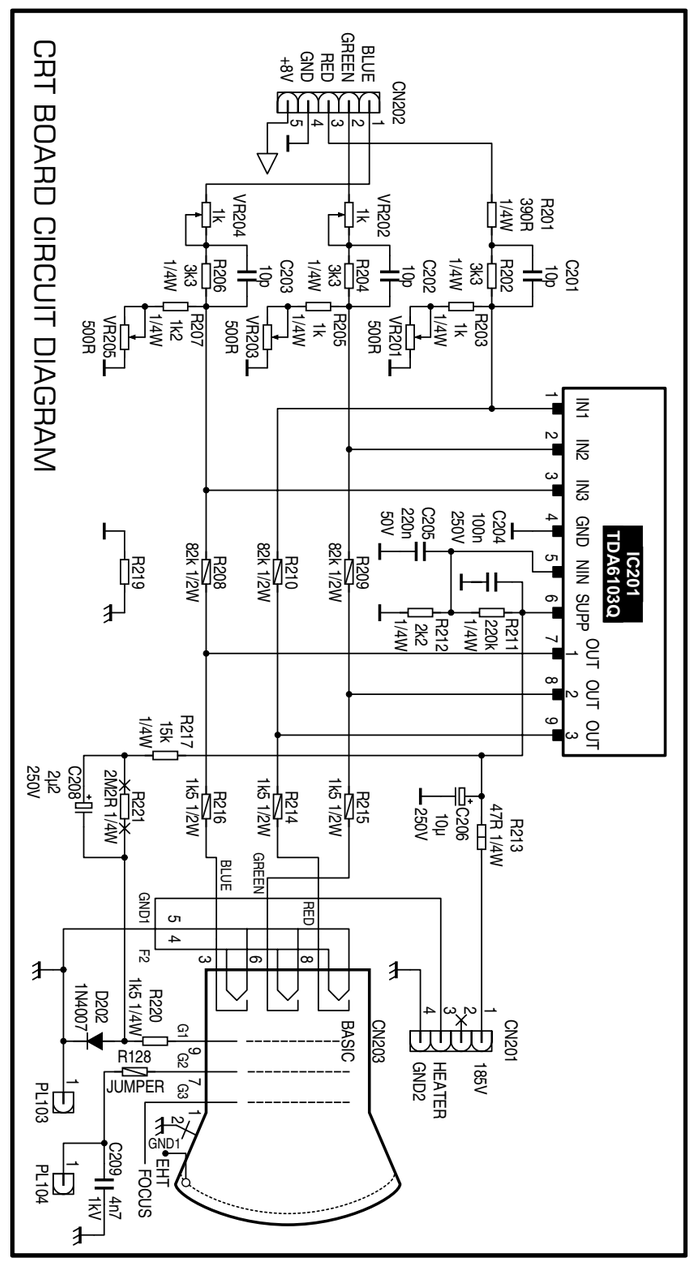


COMPONENT	C607	R647	L602	C608	R153
CRT					
20" SAMSUNG A48ECR 11X60	8.2nF 1600V	0.1R 1W	JUMPER	470nF 200V	15k 1/6W
20" SAMSUNG A48ECR 11X60	8.2nF 1600V	0.1R 1W	JUMPER	470nF 200V	15k 1/6W
21" SAMSUNG A51EER 11X38	7.8nF 1600V	0.1R 1W	56µH	470nF 200V	15k 1/6W
20" POLCOLOR A48EEV 13X01	7.8nF 1600V	0.1R 1W	110µH	470nF 200V	15k 1/6W
21" POLCOLOR A51EEV 13X01	6.8nF 1600V	0.1R 1W	110µH	470nF 200V	15k 1/6W
20" VIDEOCOLOR A48EBV 13X01	7.8nF 1600V	0.1R 1W	110µH	470nF 200V	15k 1/6W
21" VIDEOCOLOR A51EBV 13X09	6.8nF 1600V	0.1R 1W	56µH	470nF 200V	15k 1/6W



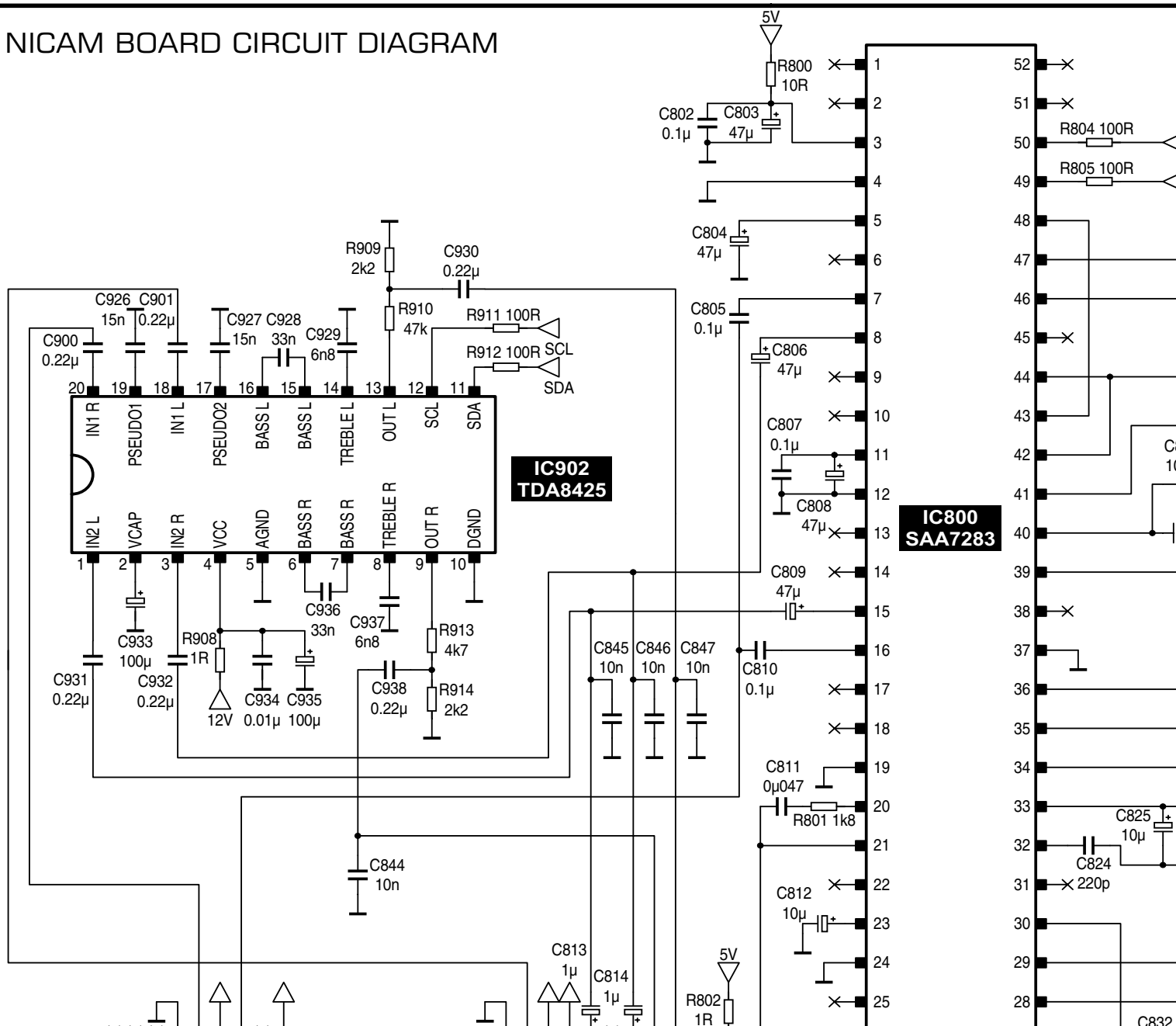


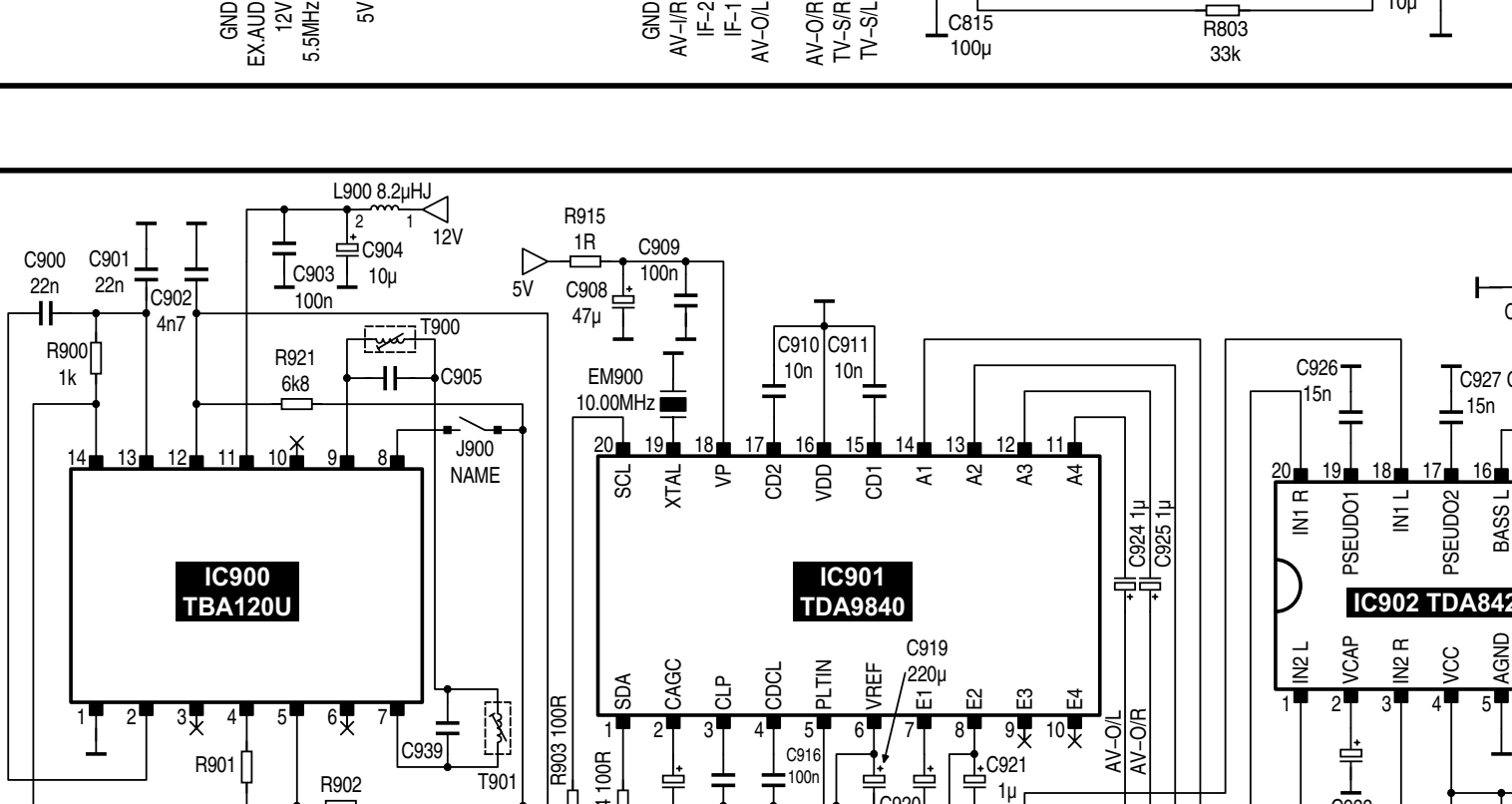




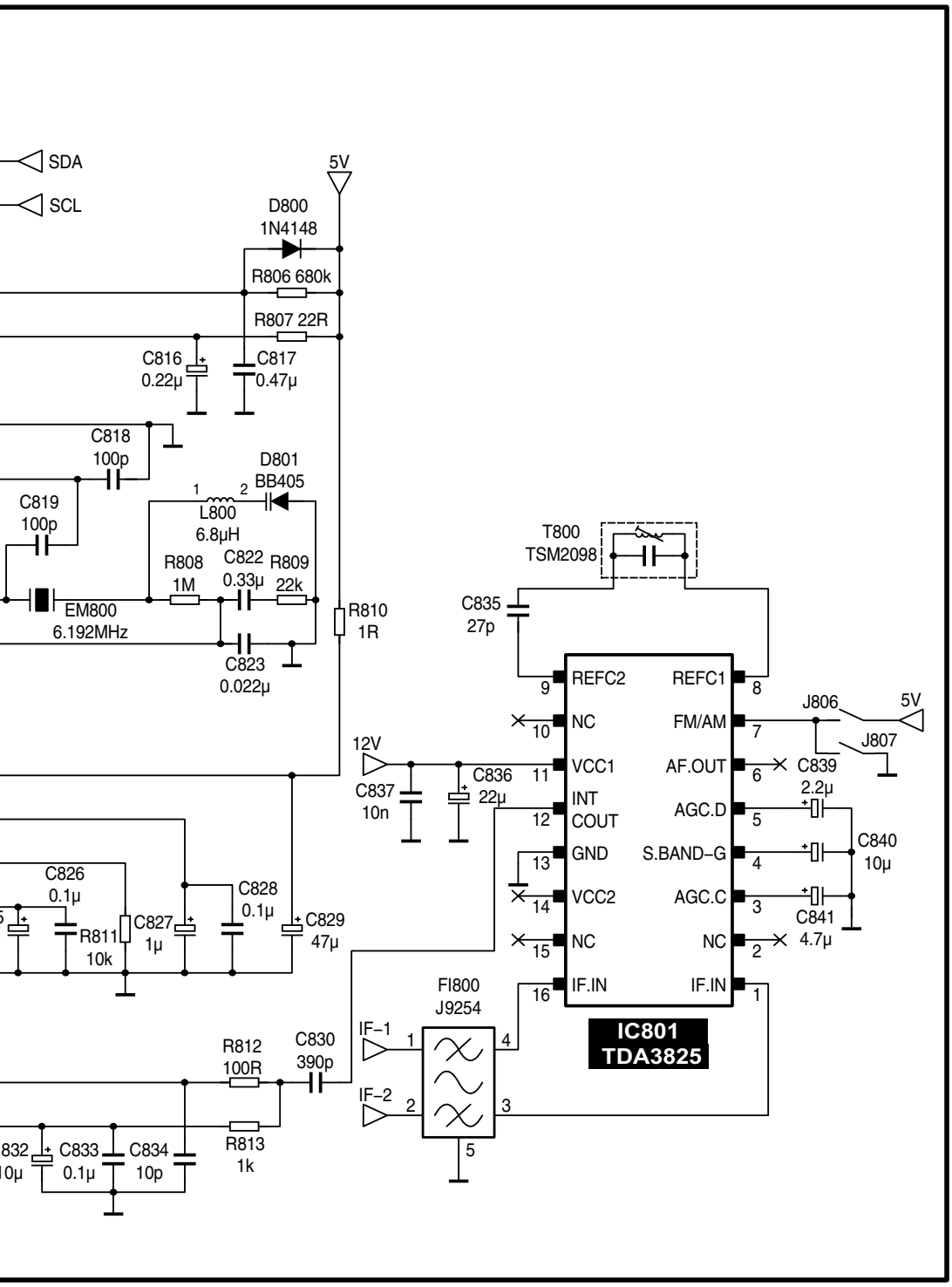
Telestar 4155T *2/2*

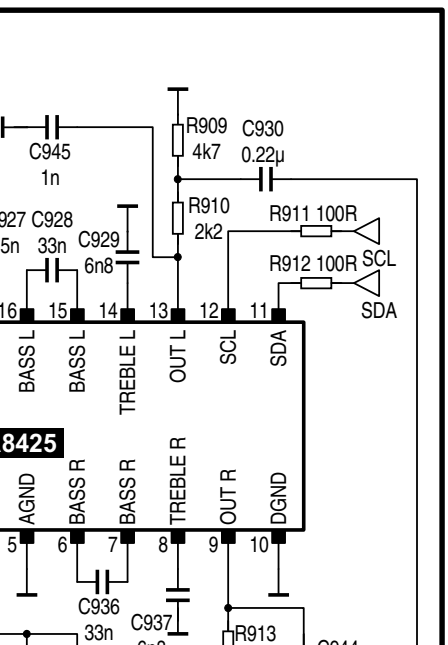
NICAM BOARD CIRCUIT DIAGRAM

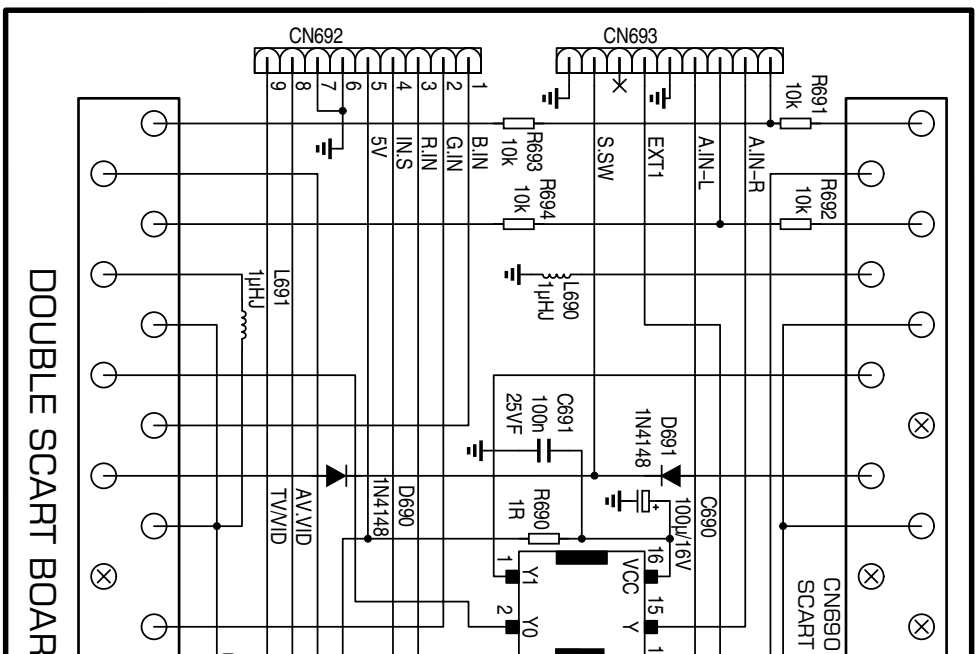


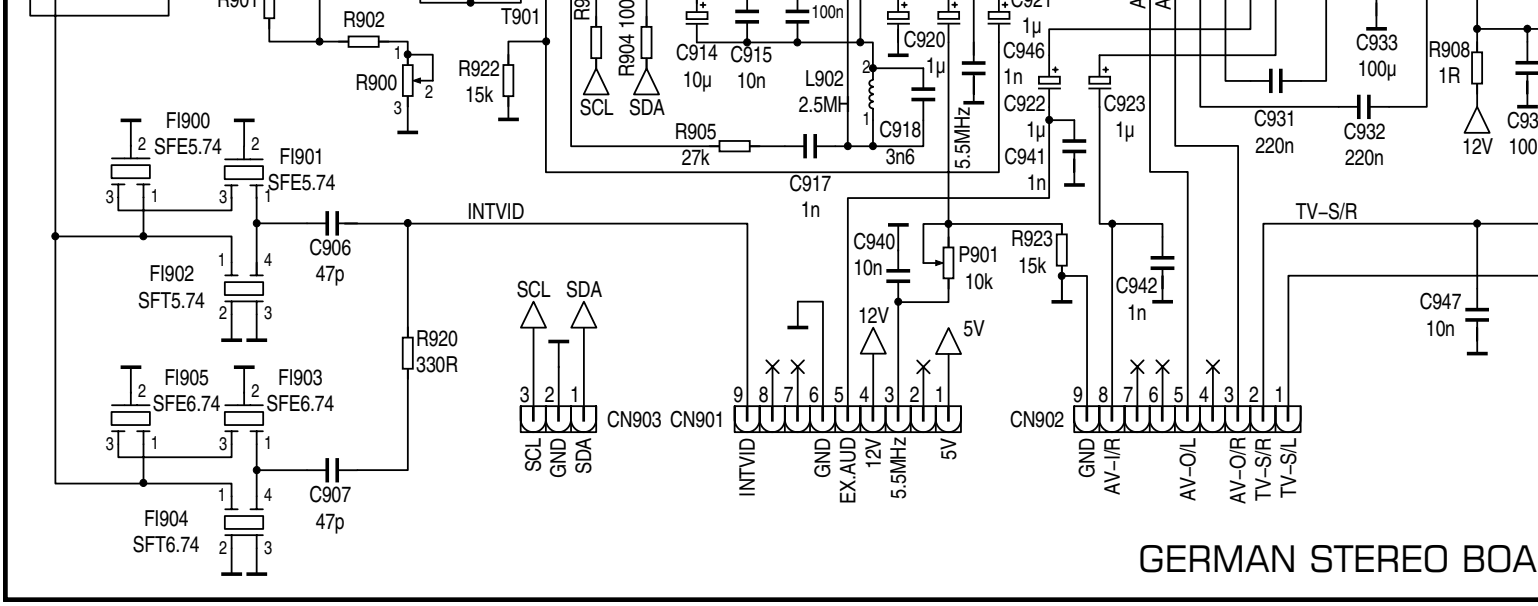


COMPONENT	C607	R647	L602	C608	R153
CRT					
20" SAMSUNG A48ECR 11X60	8.2nF 1600V	0.1R 1W	JUMPER	470nF 200V	15k 1/6W
20" SAMSUNG A48ECR 11X60	8.2nF 1600V	0.1R 1W	JUMPER	470nF 200V	15k 1/6W
21" SAMSUNG A51EER 11X38	7.8nF 1600V	0.1R 1W	56µH	470nF 200V	15k 1/6W
20" POLCOLOR A48EEV 13X01	7.8nF 1600V	0.1R 1W	110µH	470nF 200V	15k 1/6W
21" POLCOLOR A51EEV 13X01	6.8nF 1600V	0.1R 1W	110µH	470nF 200V	15k 1/6W
20" VIDEOCOLOR A48EBV 13X01	7.8nF 1600V	0.1R 1W	110µH	470nF 200V	15k 1/6W
21" VIDEOCOLOR A51EBV 13X09	6.8nF 1600V	0.1R 1W	56µH	470nF 200V	15k 1/6W

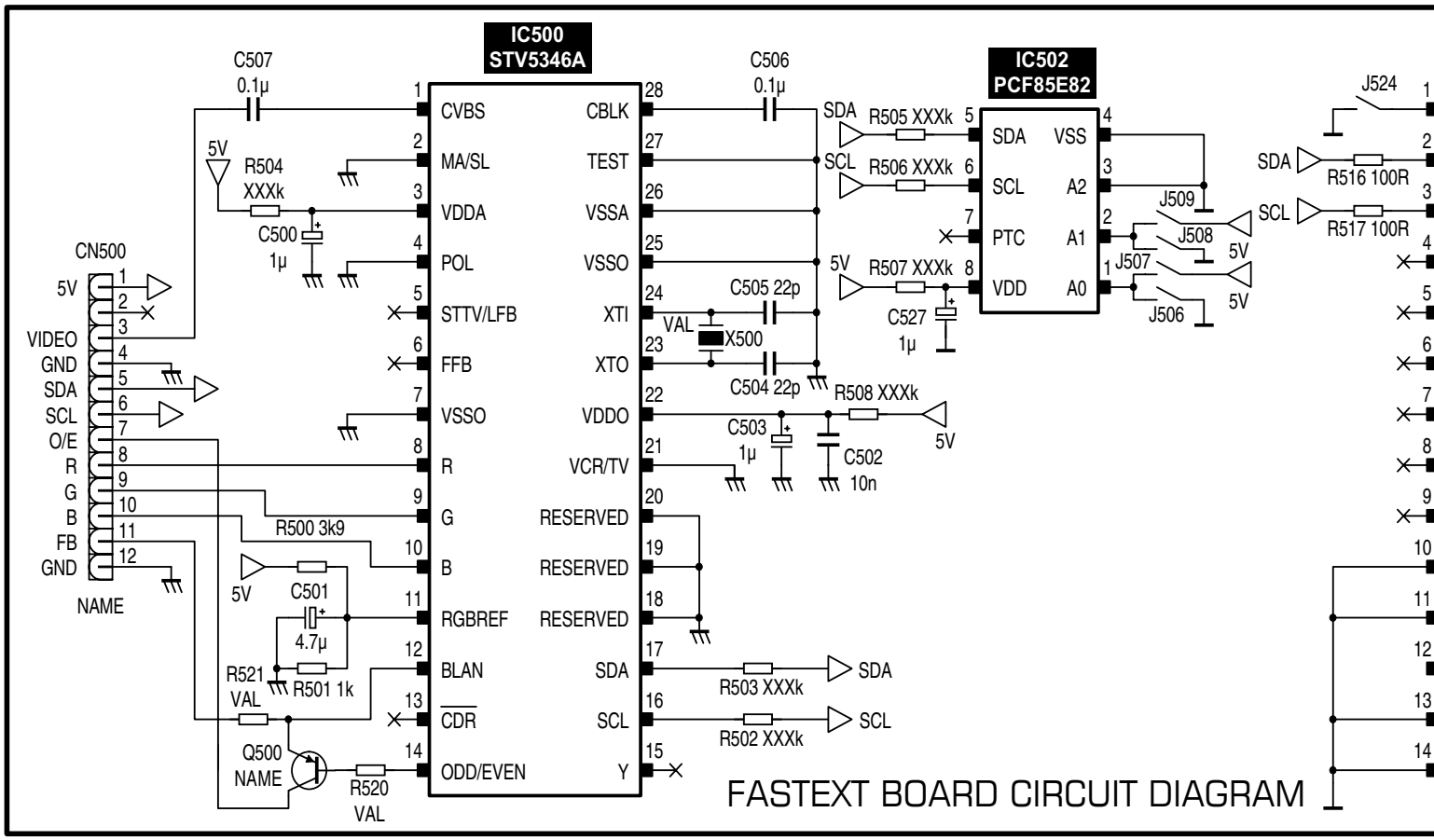




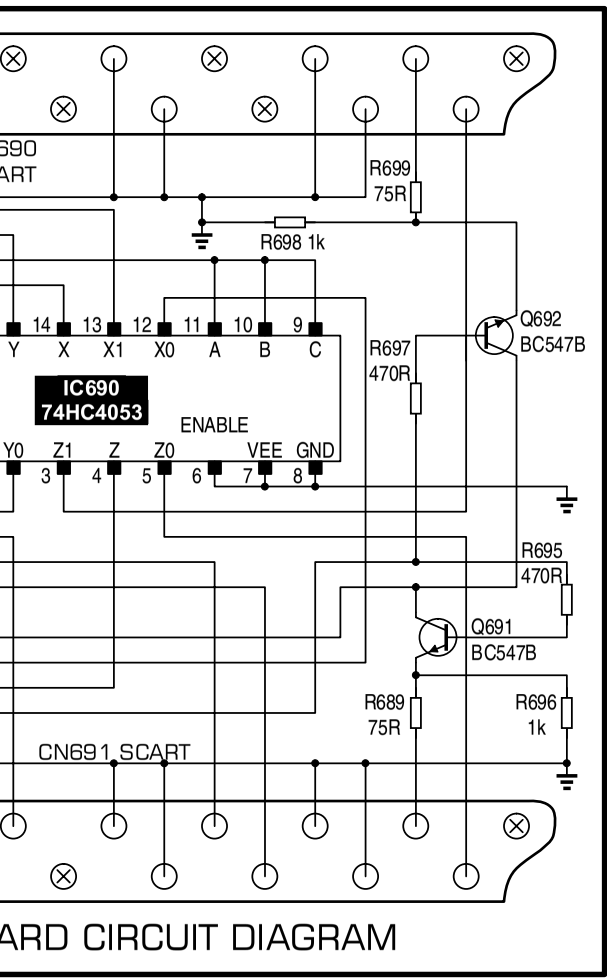




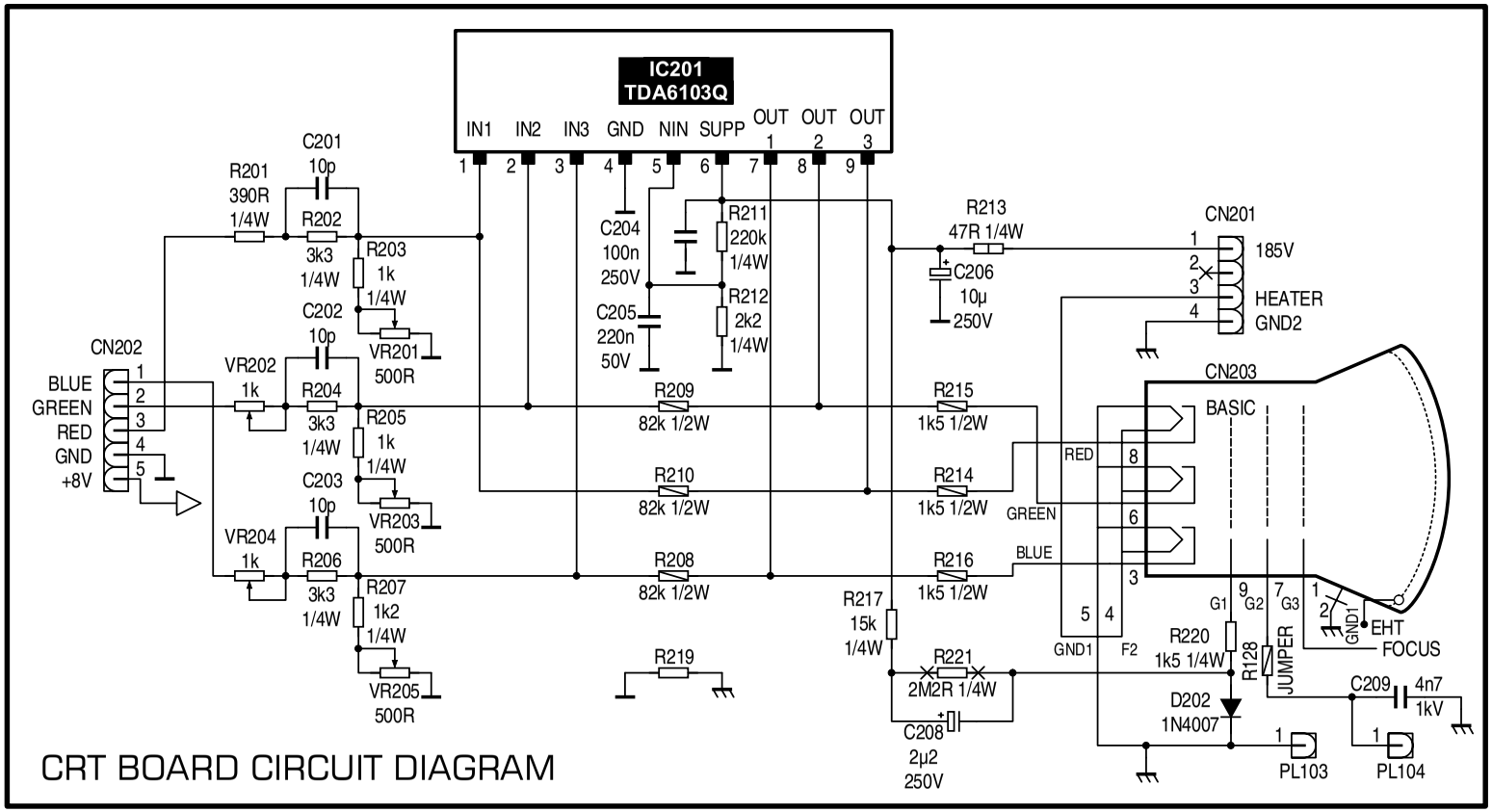
GERMAN STEREO BOA



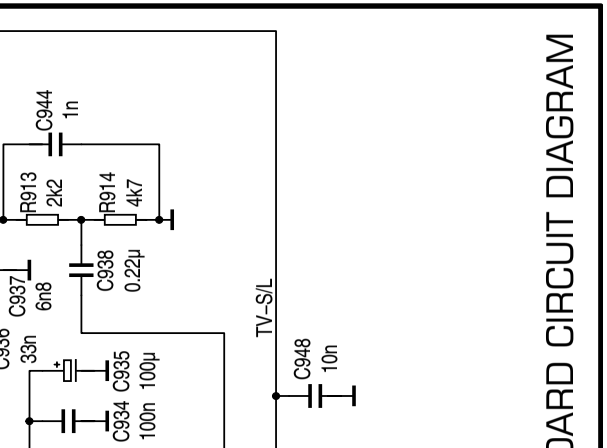
FASTEXT BOARD CIRCUIT DIAGRAM



ARD CIRCUIT DIAGRAM



CRT BOARD CIRCUIT DIAGRAM



OARD CIRCUIT DIAGRAM

