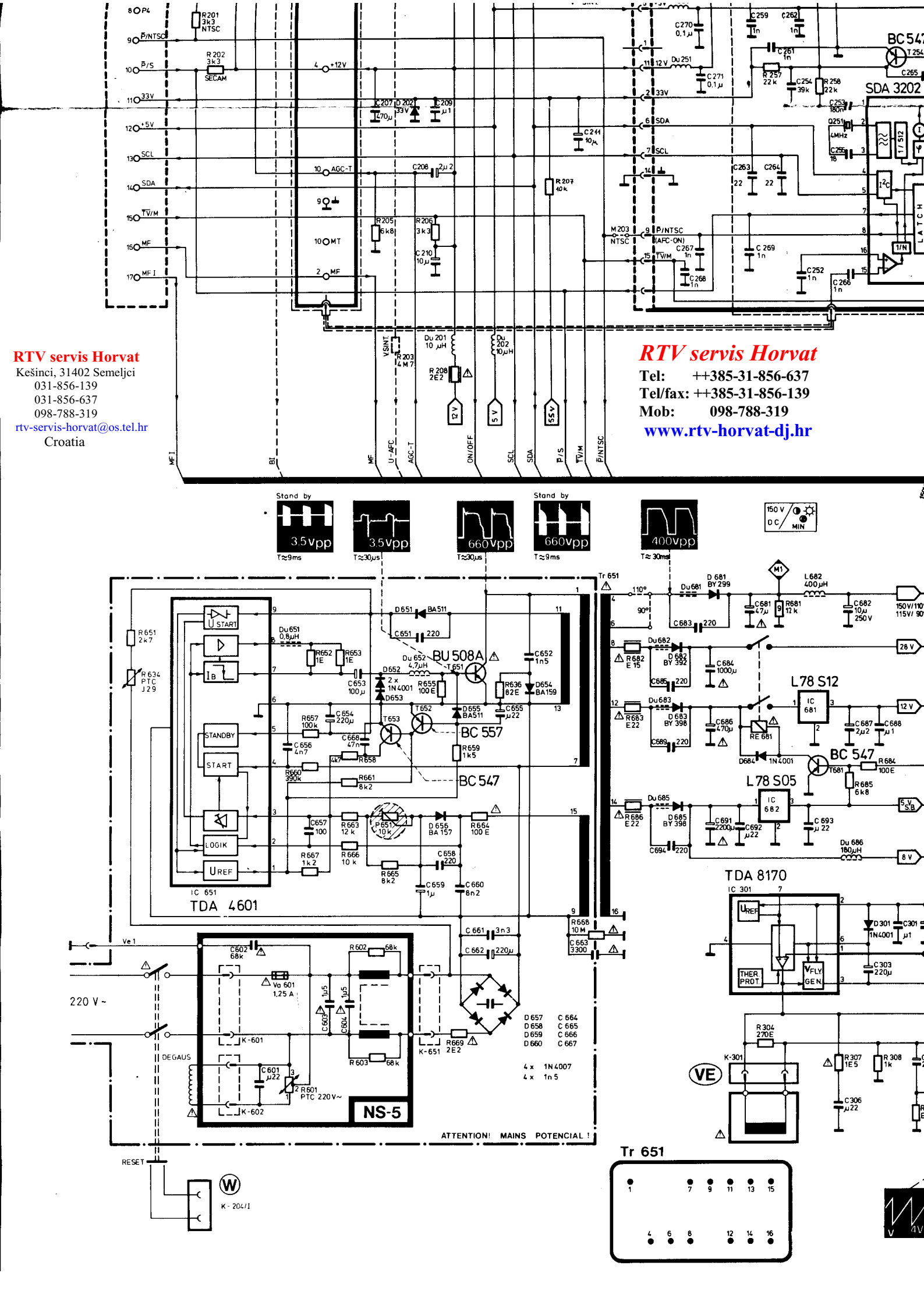
This file is provided FREE OF CHARGE from the electromaniacs.com community
You are free to distribute this file to other persons who needs it , but without of charge

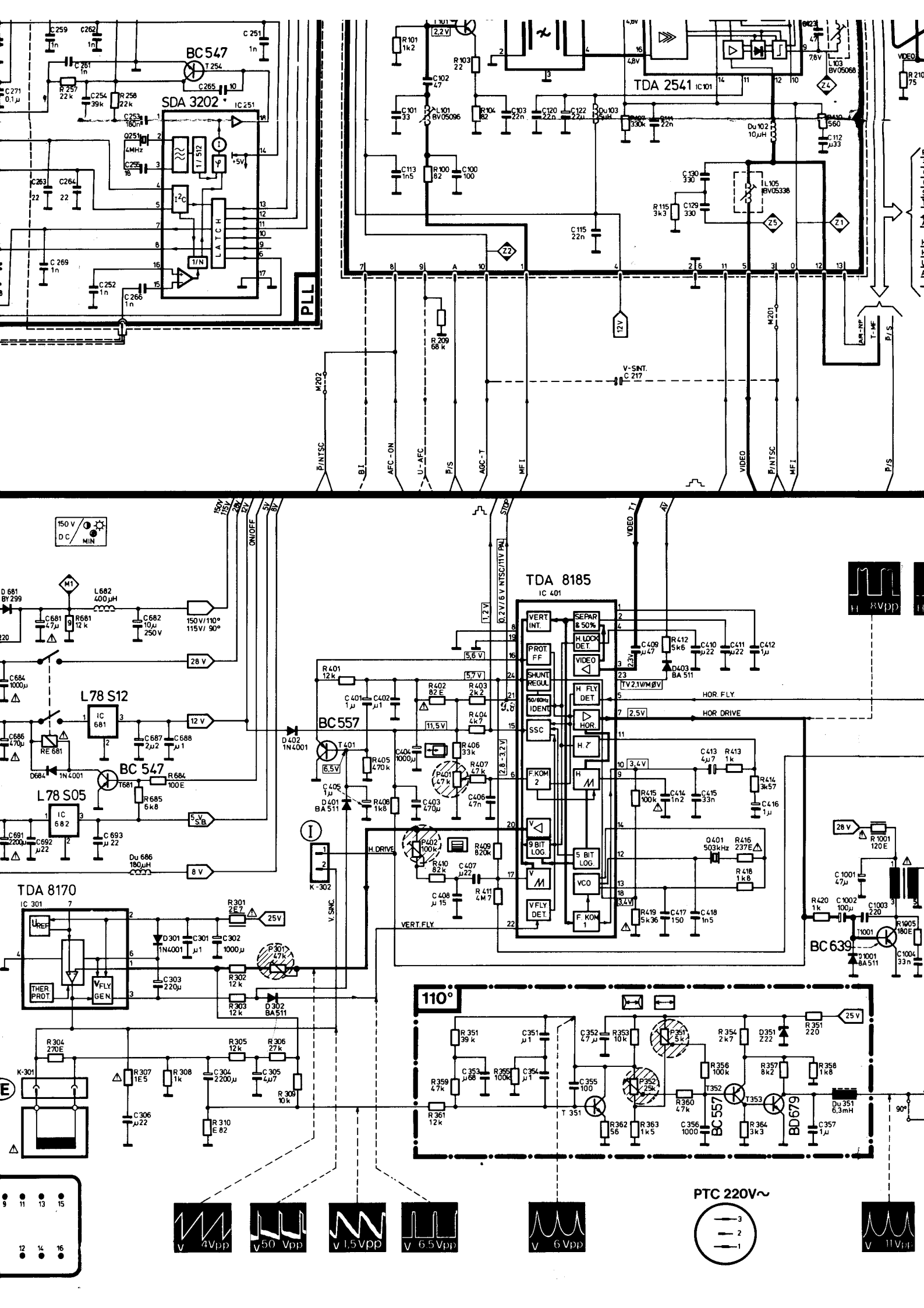
Also on http://electromaniacs.com you can find thousands of service manuals , schematics free of charge

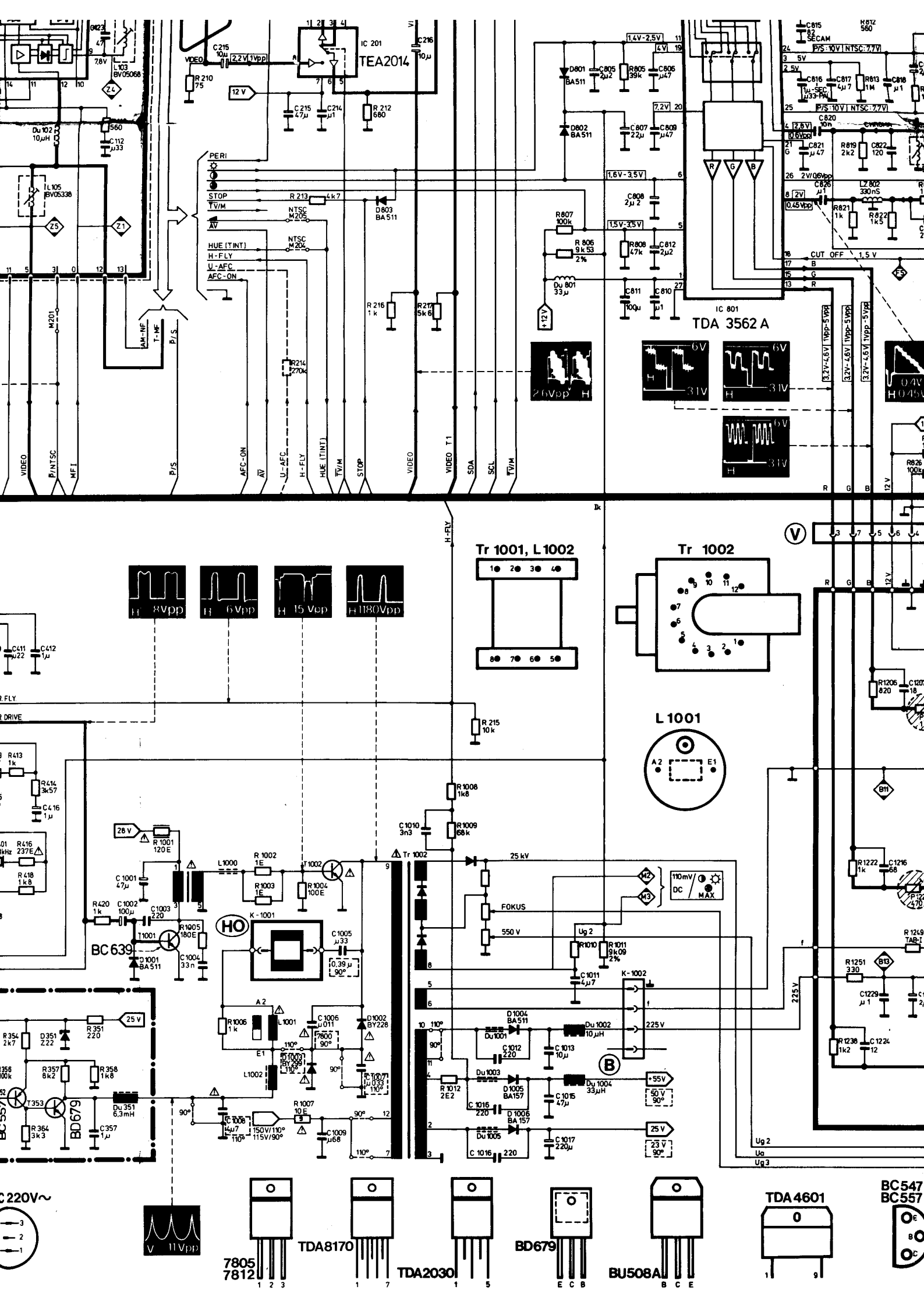


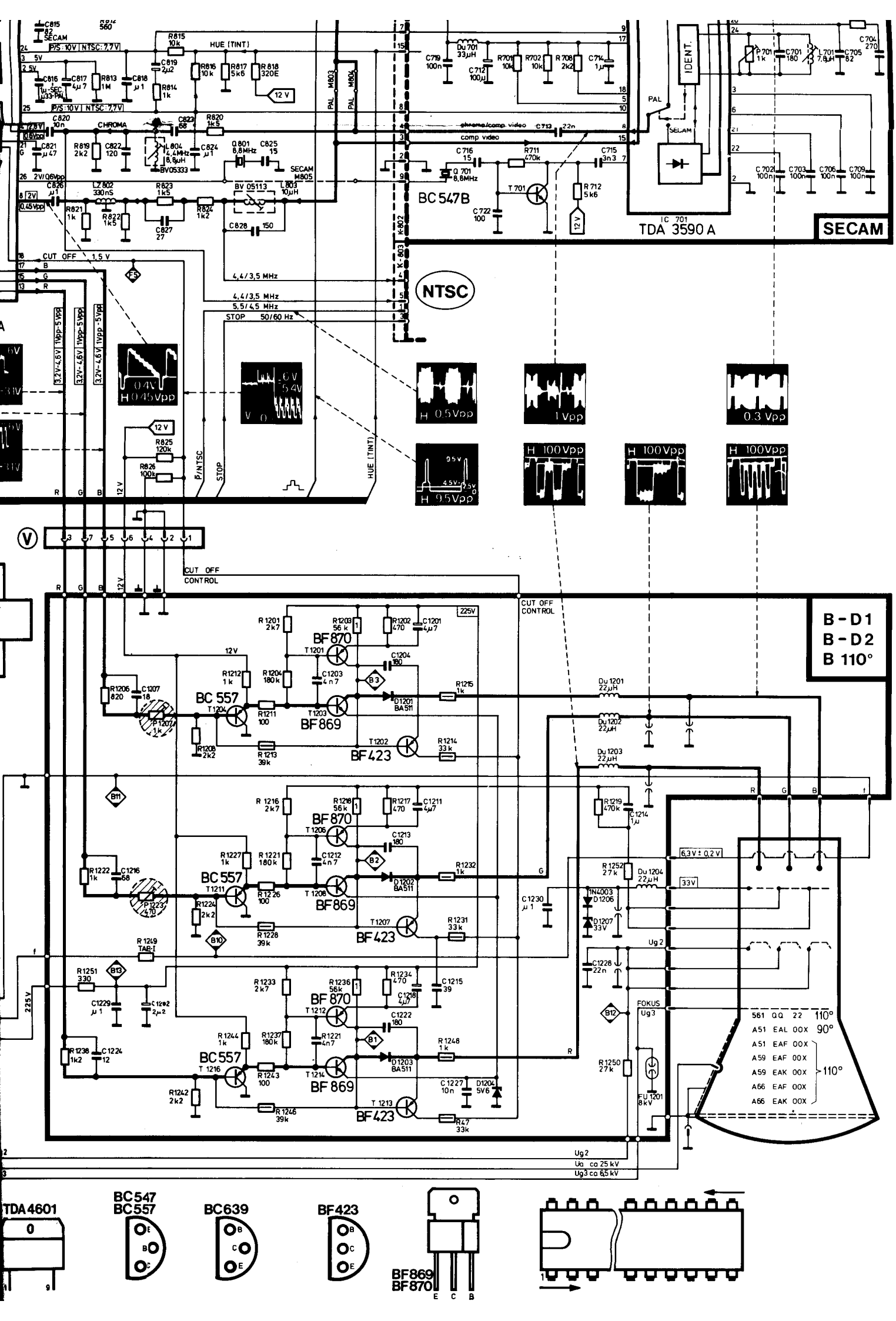
RTV servis Horvat
Kešinci, 31402 Semeljci
031-856-139
031-856-637
098-788-319
rtv-servis-horvat@os.tel.hr
Croatia

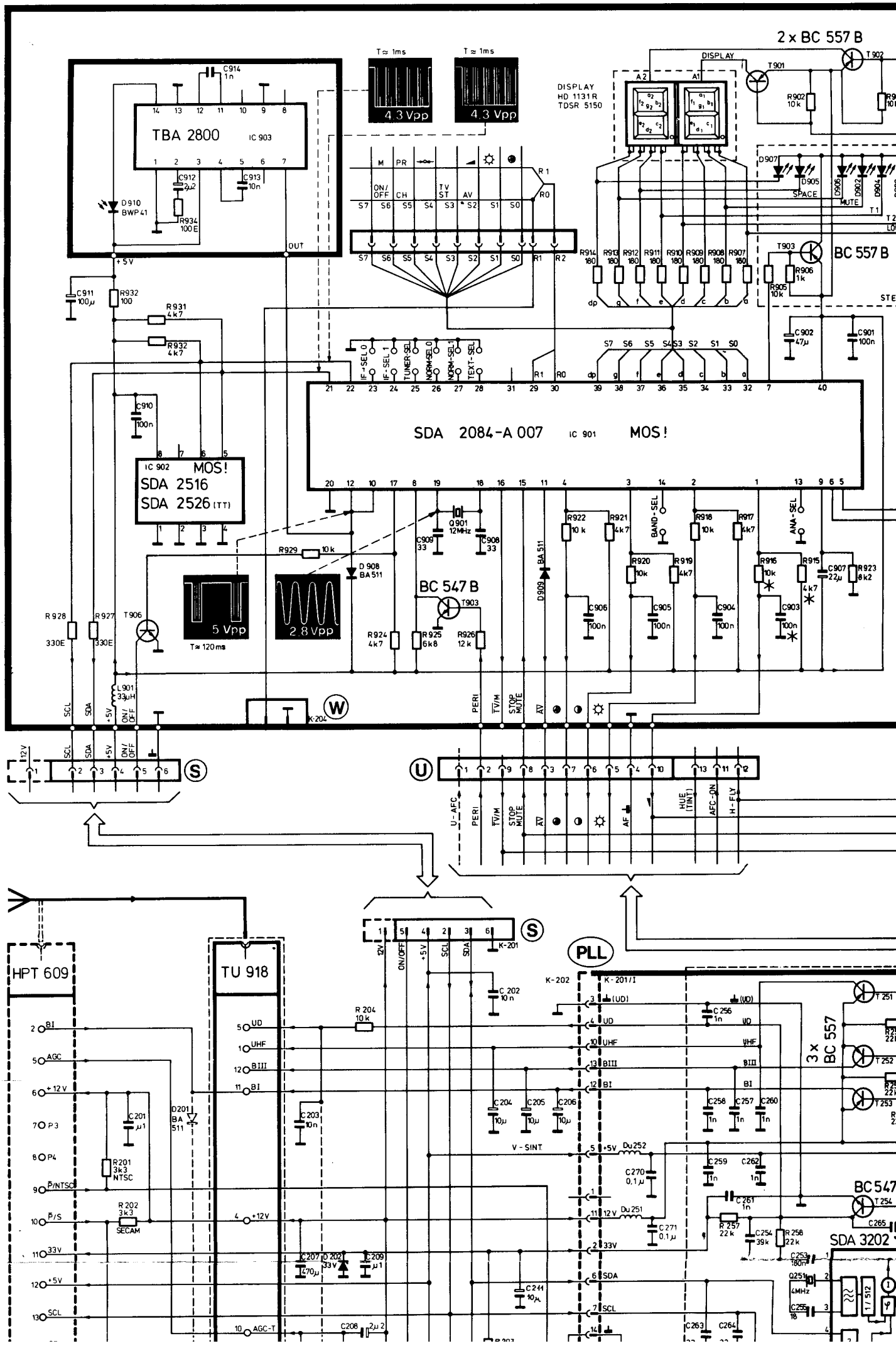
RTV servis Horvat
Tel: ++385-31-856-637
Tel/fax: ++385-31-856-139
Mob: 098-788-319
www.rtv-horvat-dj.hr

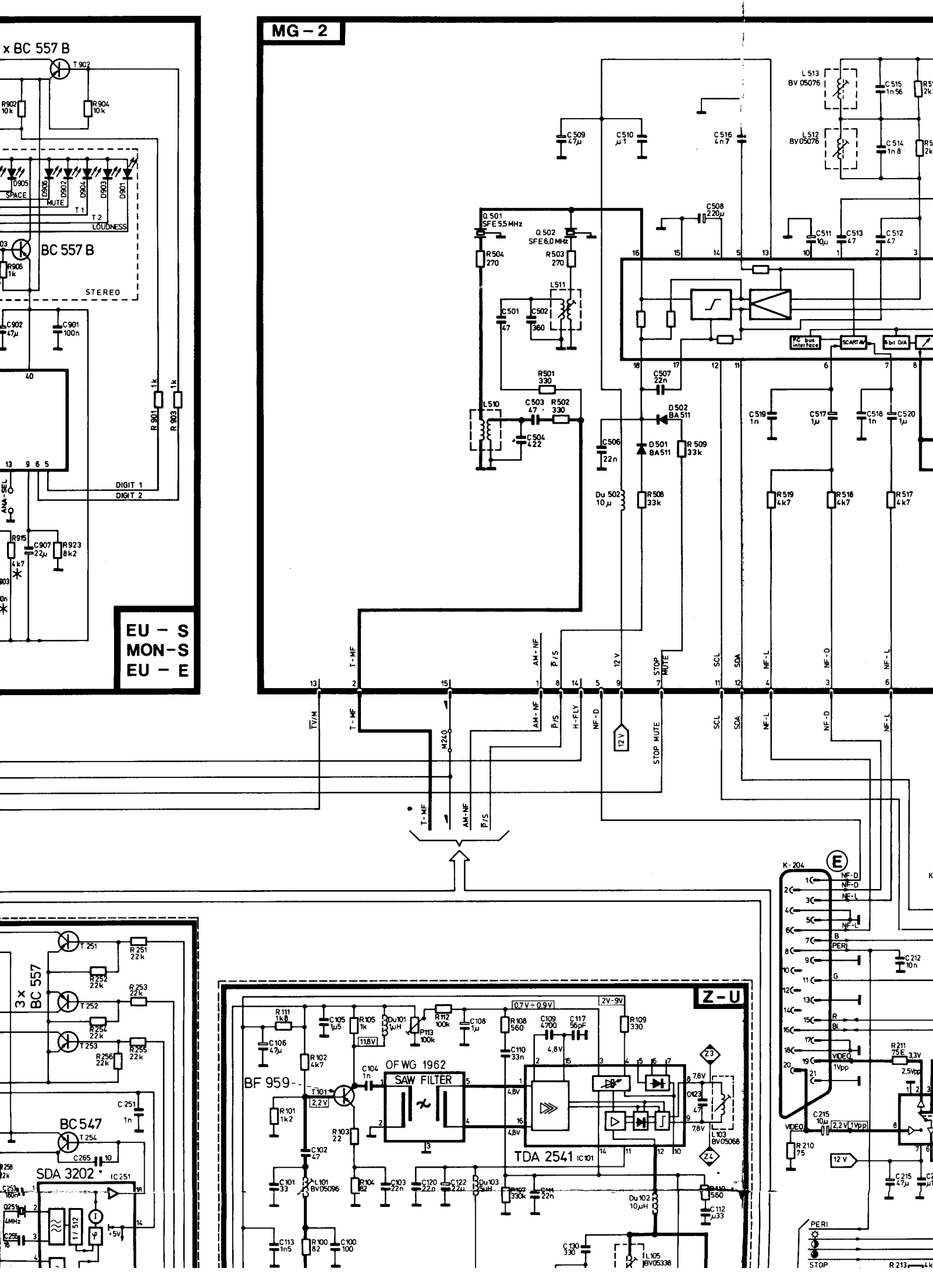


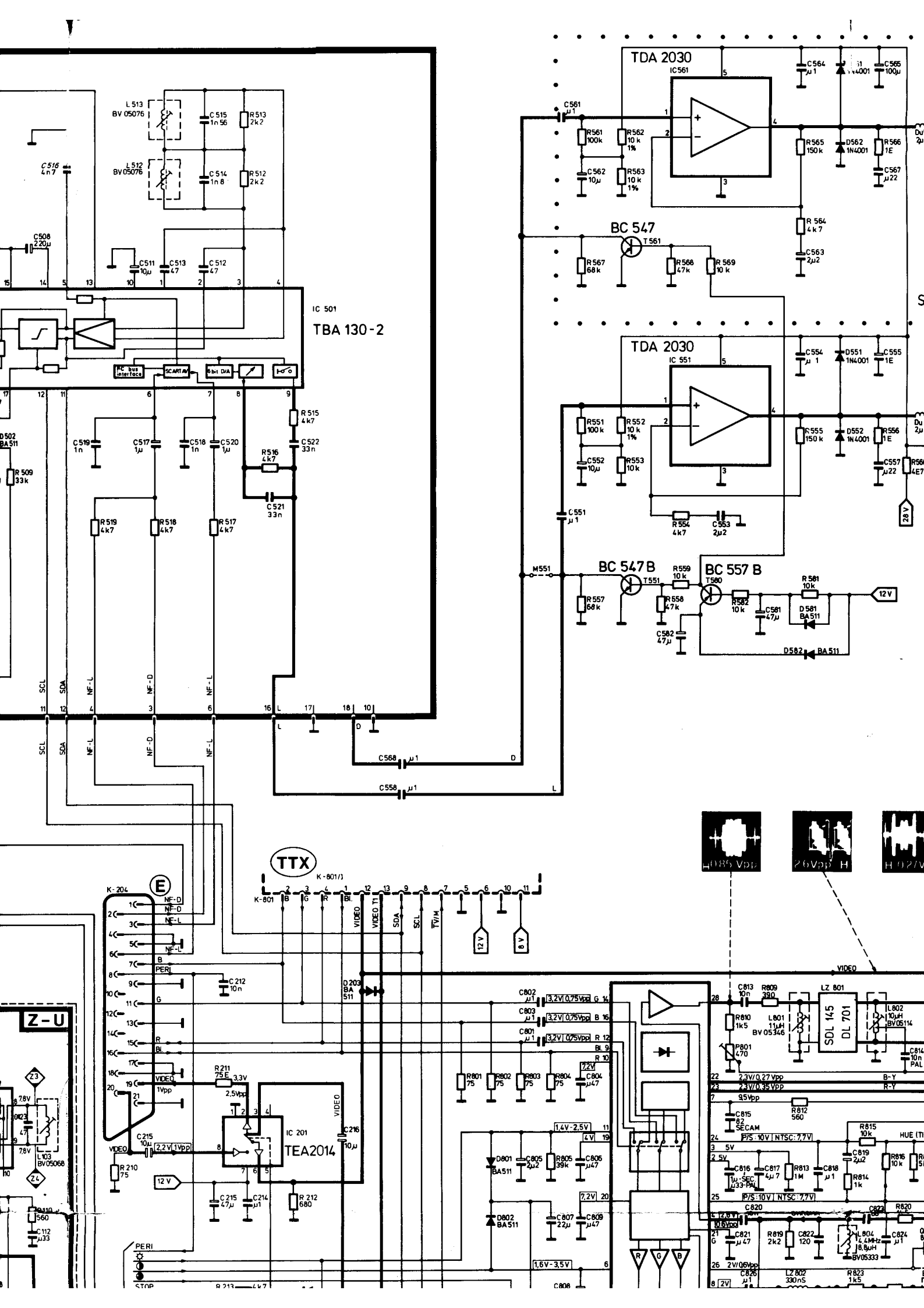

BC 547
SDA 3202
IC 251
PLL
TDA 2541 IC101
L 103 BV05068
L 101 BV05096
L 105 BV05338
Du 102 10µH
Du 103 5µH
Du 104 5µH
R 209 68 k
V-SINT.
C 217
M202
M201
P/NTSC
B1
AFC-ON
U-AFC
P/S
AGC-T
MFI
VIDEO
AM-NF
T-MF
12V
Z1
Z2
Z4
Z5
150 V DC MIN
ON/OFF
L78 S12
IC 681
L78 S05
IC 682
BC 547
BC557
TDA 8185
IC 401
VERT. INT.
PROT. FF
SHUNT REGUL.
50/60Hz IDENT.
SSC
F.KOM 2
9 BIT LOG.
V M
V.FLY GEN.
SEPAR & 50%
H.LOCK DET.
VIDEO
H.FLY DET.
HOR.
H.Z
H M
5 BIT LOG.
VCO
F. KOM 1
HOR. FLY.
HOR DRIVE
H.DRIVE
V.SINC.
VERT.FLY.
TDA 8170
IC 301
THER. PROT.
110°
BC 639
BD679
PTC 220V~
K-301
K-302
4Vpp
50 Vpp
1,5Vpp
6,5Vpp
6 Vpp
11Vpp
8Vpp

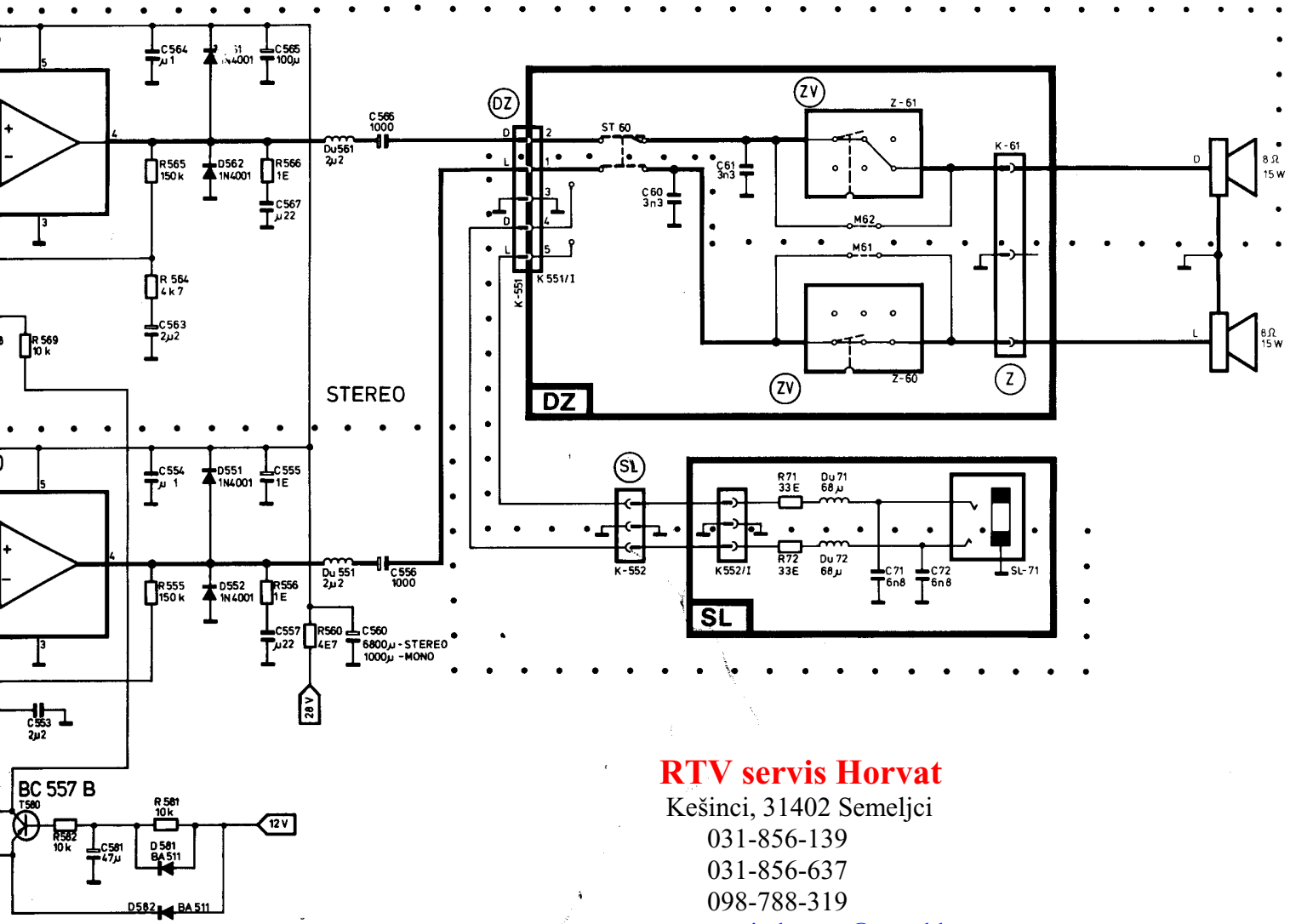

IC 201
TEA2014
IC 801
TDA 3562 A
Tr 1001, L 1002
Tr 1002
L 1001
K-1001
K-1002
HO
BC 639
BD679
PERI
STOP
TV/M
AV
HUE (TINT)
H-FLY
U-AFC
AFC-ON
VIDEO
P/NTSC
MFI
P/S
SDA
SCL
FOKUS
550 V
25 kV
+12V
+55V
225 V
25 V
28 V
12 V
CUT OFF
1,5 V
TDA8170
7805
7812
TDA2030
BD679
BU508A
TDA4601
BC547
BC557
220V~


SECAM
PAL
IDENT.
HUE (TINT)
CHROMA
BC 547B
TDA 3590 A
IC 701
SECAM
NTSC
CUT OFF CONTROL
B - D1
B - D2
B 110°
BC 557
BF 870
BF 869
BF 423
4,4/3,5 MHz
5,5/4,5 MHz
STOP 50/60 Hz
H 0,5Vpp
1 Vpp
0,3 Vpp
H 100Vpp
H 9,5Vpp
6,3V ± 0,2 V
33V
FOKUS
Ug2
Ug3
561 QQ 22 110°
A51 EAL 00X 90°
A51 EAF 00X
A59 EAF 00X
A59 EAK 00X
A66 EAF 00X
A66 EAK 00X
110°
Ug2
Ua ca 25 kV
Ug3 ca 6,5 kV
TDA 4601
BC547
BC557
BC639
BF423
BF869
BF870


2 x BC 557 B
DISPLAY
DISPLAY HD 1131R TDSR 5150
T 902
T 901
R 902 10 k
D 907
D 905
SPACE
D 906
D 902
D 904
MUTE
T 903
BC 557 B
R 906 1k
R 905 10k
TBA 2800 IC 903
C 914 1n
C 912 2µ2
C 913 10n
R 934 100E
D 910 BWP 41
OUT
+5V
4,3 Vpp
T ≈ 1ms
M PR
ON/ OFF CH TV ST AV
S7 S6 S5 S4 S3 S2 S1 S0
R1 R0
R914 180 R913 180 R912 180 R911 180 R910 180 R909 180 R908 180 R907 180
dp g f e d c b a
C 911 100µ
R 932 100
R 931 4k7
R 932 4k7
C 910 100n
C 902 47µ
C 901 100n
IF-SEL 0
IF-SEL 1
TUNER-SEL
NORM-SEL 0
NORM-SEL 1
TEXT-SEL
SDA 2084-A 007 IC 901 MOS!
IC 902 MOS!
SDA 2516
SDA 2526 (TT)
Q 901 12 MHz
C 909 33
C 908 33
R 929 10 k
D 908 BA 511
D 909 BA 511
BC 547 B
T 903
R 922 10 k
R 921 4k7
R 920 10k
R 919 4k7
R 918 10k
R 917 4k7
R 916 10k
R 915 4k7
C 907 22µ
R 923 8k2
BAND-SEL
ANA-SEL
C 906 100n
C 905 100n
C 904 100n
C 903 100n
R 928 330E
R 927 330E
T 906
5 Vpp
T ≈ 120 ms
2,8 Vpp
R 924 4k7
R 925 6k8
R 926 12 k
L 901 33µH
SCL
SDA
+5V
ON/ OFF
K-204
PERI
TV/M
STOP MUTE
AV
12V
S
U
U-AFC
AF
HUE (TINT)
AFC-ON
H-FLY
HPT 609
TU 918
K-201
K-202
PLL
K-201/1
R 204 10k
C 202 10n
C 203 10n
C 201 µ1
D 201 BA 511
R 201 3k3 NTSC
R 202 3k3 SECAM
C 207 470µ
D 202 33V
C 209 µ1
C 208 2µ2
C 244 10µ
C 204 10µ
C 205 10µ
C 206 10µ
C 256 1n
C 258 1n
C 257 1n
C 260 1n
C 259 1n
C 262 1n
C 261 1n
C 270 0,1µ
C 271 0,1µ
Du 252
Du 251
V-SINT
R 257 22k
C 254 39k
R 258 22k
C 253 180n
C 255 18
C 263
C 264
Q 251 4MHz
3x BC 557
BC 547
SDA 3202
T 251
T 252
T 253
T 254
BI
UHF
BIII
UD
AGC
+12V
P3
P4
P/NTSC
P/S
33V
SCL
SDA
AGC-T


MG – 2
x BC 557 B
T 902
R902 10k
R904 10k
D905
D906
D902
D904
D903
D901
SPACE
MUTE
T 1
T 2
LOUDNESS
BC 557 B
R906 1k
STEREO
C902 47µ
C901 100n
40
R 901 1k
R 903 1k
13 9 6 5
DIGIT 1
DIGIT 2
ANA-SEL
R915 4k7
C907 22µ
R923 8k2
EU – S
MON-S
EU – E
L 513 BV 05076
C 515 1n 56
L 512 BV05076
C 514 1n 8
C 509 47µ
C 510 µ1
C 516 4n7
C508 220µ
Q 501 SFE 5,5 MHz
Q 502 SFE 6,0 MHz
R504 270
R503 270
L511
C501 47
C502 360
C511 10µ
C513 47
C512 47
I²C bus interface
SCART A/V
6 bit D/A
R501 330
C507 22n
L510
C503 47
R502 330
C504 422
D502 BA511
C506 22n
D501 BA511
R 509 33k
C519 1n
C517 1µ
C518 1n
C520 1µ
Du 502 10 µ
R508 33k
R519 4k7
R518 4k7
R517 4k7
T-MF
AM-NF
P/S
12 V
STOP MUTE
SCL
SDA
NF-L
NF-D
TV/M
H-FLY
M240
3x BC 557
T 251
R 251 22k
R252 22k
R 253 22k
T 252
R254 22k
T 253
R256 22k
R255 22k
C 251 1n
BC547
T 254
C265 10
SDA 3202
IC 251
Q251 4MHz
C255 18
17 512
+5V
Z-U
R111 1k8
C105 1µ5
R105 1k
Du101 1µH
P113 100k
R112 100k
C108 1µ
0,7 V ÷ 0,9 V
R108 560
C109 4700
C117 56pF
2V-9V
R109 330
C106 47µ
R102 4k7
11,8V
C104 1n
OFWG 1962
SAW FILTER
BF 959
T101
2,2 V
4,8V
C110 33n
4,8V
R101 1k2
R103 22
C102 47
TDA 2541 IC101
7,8V
L103 BV05068
C101 33
L101 BV05096
R104 82
C103 22n
C120 22n
C122 22µ
Du103 5µH
330k
22n
Du 102 10µH
C112 µ33
C113 1n5
R100 82
C100 100
C130 330
L105 BV05338
K-204
E
NF-D
NF-L
PERI
B
G
R
BL
VIDEO
1Vpp
2,5Vpp
R211 75E
3,3V
C215 10µ
2,2 V
R210 75
12 V
C212 10n
C215 47µ
STOP
R 213 4k


TDA 2030
IC561
C564 µ1
C565 100µ
C561 µ1
R561 100k
R562 10 k 1%
R563 10 k 1%
C562 10µ
R565 150k
D562 1N4001
R566 1E
C567 µ22
R 564 4k7
C563 2µ2
BC 547
T 561
R567 68k
R568 47k
R 569 10 k
TDA 2030
IC 551
C554 µ 1
D551 1N4001
C555 1E
R551 100k
R552 10 k 1%
R553 10k
C552 10µ
R555 150k
D552 1N4001
R556 1E
C557 µ22
R554 4k7
C553 2µ2
C551 µ1
M551
BC 547B
T551
R559 10 k
R557 68k
R558 47k
BC 557 B
T560
R582 10k
C581 47µ
R581 10k
12 V
D581 BA511
C582 47µ
D582 BA511
L 513 BV 05076
C 515 1n 56
R513 2k2
C516 4n7
L 512 BV05076
C 514 1n 8
R512 2k2
C508 220µ
C511 10µ
C513 47
C 512 47
IC 501
TBA 130-2
I²C bus interface
SCART
6 bit D/A
C519 1n
C517 1µ
C518 1n
C520 1µ
R516 4k7
C522 33n
R515 4k7
D502 BA511
R 509 33k
C 521 33n
R519 4k7
R518 4k7
R 517 4k7
SCL
SDA
NF-L
NF-D
NF-L
C568 µ1
C558 µ1
TTX
K-801/1
K-801
K-204
E
NF-D
NF-D
NF-L
NF-L
B
PERI
G
R
BL
VIDEO 1Vpp
C 212 10n
D 203 BA 511
R211 75 E
3,3V
2,5Vpp
IC 201
TEA2014
VIDEO
C216 10µ
C215 10µ
2,2V 1Vpp
R 210 75
12 V
C 215 47µ
C214 µ1
R 212 680
PERI
STOP
R 213 4k7
Z-U
L103 BV05068
R310 560
C112 µ33
C802 µ1
C803 µ1
C801 µ1
3,2V 0,75Vpp G 14
3,2V 0,75Vpp B 16
3,2V 0,75Vpp R 12
BL 9
R 10
R801 75
R802 75
R803 75
R804 75
C804 µ47
7,2V
1,4V-2,5V
4V
D801 BA511
C805 2µ2
R805 39k
C806 µ47
D802 BA511
C807 22µ
C809 µ47
7,2V
1,6V-3,5V
C808
VIDEO
C813 10n
R809 390
LZ 801
SDL 145
DL 701
L802 10µH BV05114
R810 1k5
L801 11µH BV 05346
P801 470
C814 10n PAL
2,3V/0,27 Vpp
B-Y
2,3V/0,35Vpp
R-Y
9,5Vpp
R812 560
C815 82 SECAM
R815 10k
HUE (TI
P/S : 10 V | NTSC: 7,7 V
5V
2,5V
C819 2µ2
R816 10k
C816 1µ-SEC. µ33-PAL
C817 4µ7
R813 1M
C818 µ1
R814 1k
P/S : 10 V | NTSC: 7,7 V
C820
R820
C821 µ47
R819 2k2
C822 120
L804 4,4MHz 8,8µH BV05333
C824 µ1
2V/06Vpp
C826 µ1
LZ 802 330nS
R823 1k5
8 2V
R
G
B
H 0,85 Vpp
2,6Vpp H
H 0,2V



RTV servis Horvat

Kešinci, 31402 Semeljci

031-856-139

031-856-637

098-788-319

rtv-servis-horvat@os.tel.hr

Croatia

