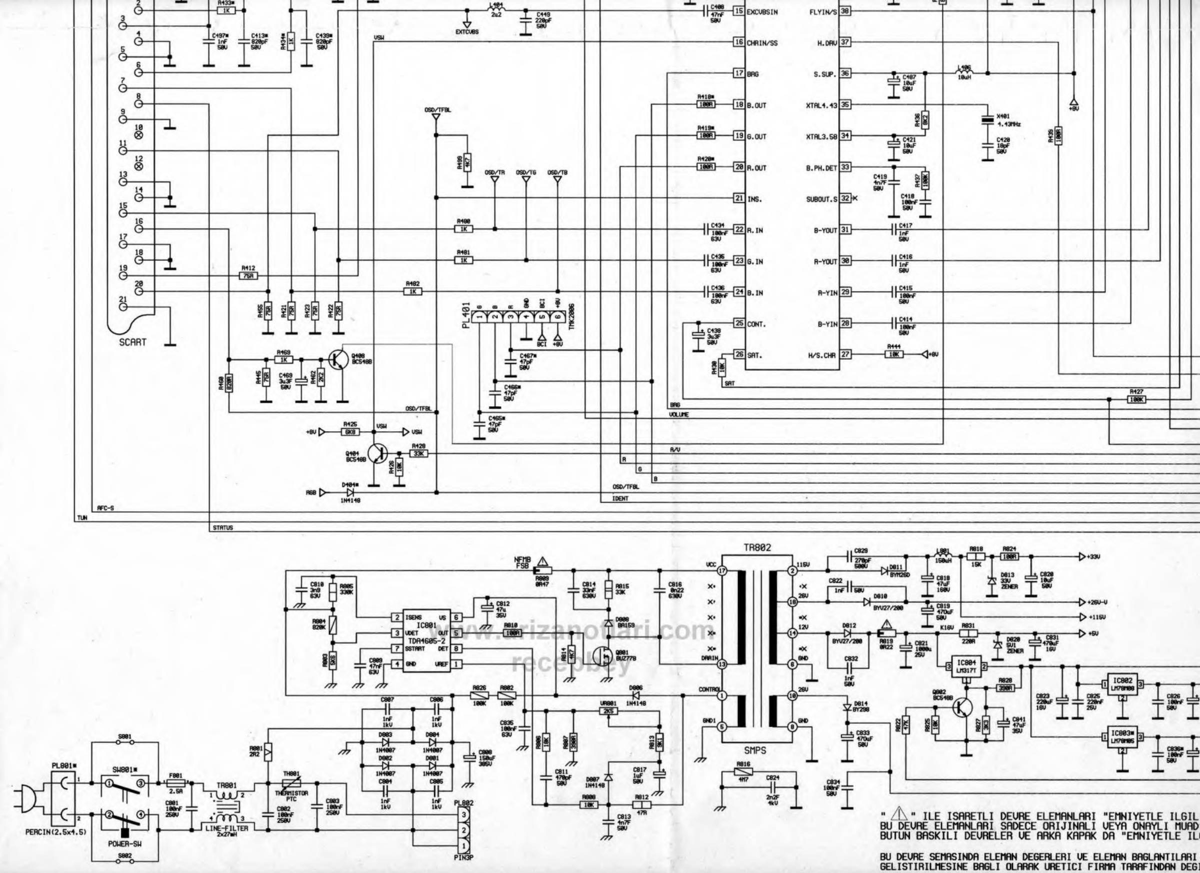
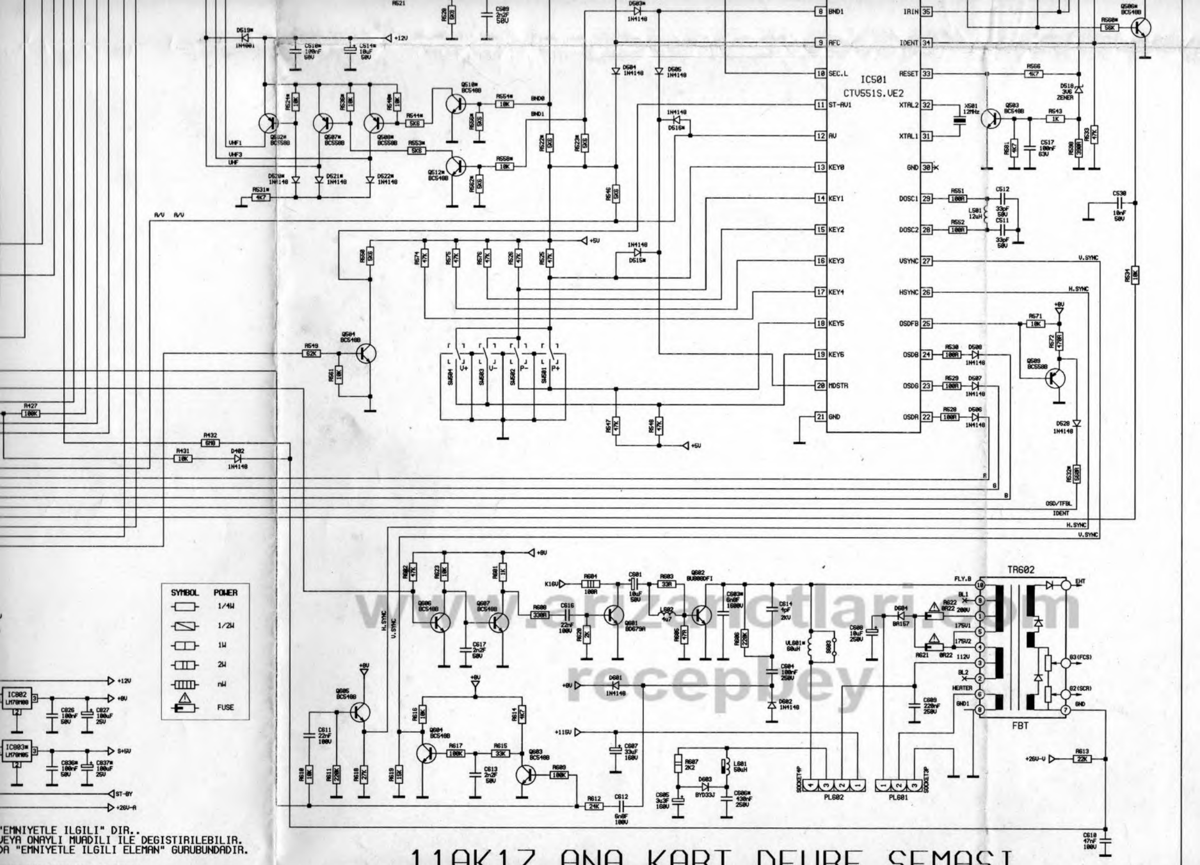


" ⚠ " ILE ISARETLI DEVRE ELEMANLARI "EMNIYETLE ILGIL
BU DEVRE ELEMANLARI SADECE ORIJINALI VEYA ONAYLI MUAD
BUTUN BASKILI DEVRELER VE ARKA KAPAK DA "EMNIYETLE IL

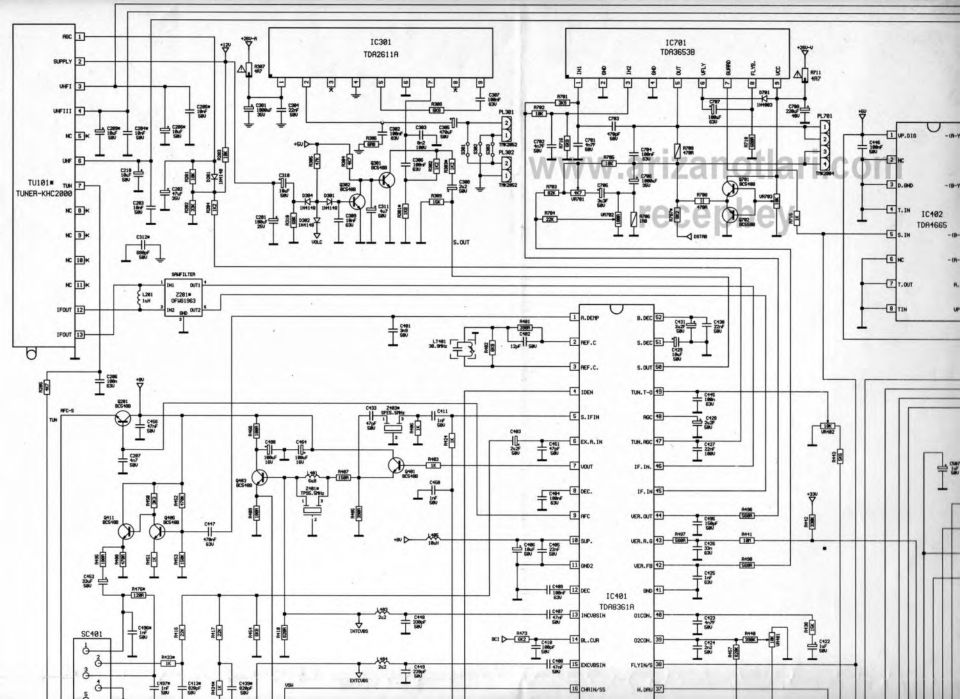
BU DEVRE SEMASINDA ELEMAN DEGERLERI VE ELEMAN BAGLANTILARI
GELISTIRILMESINE BAGLI OLARAK URETICI FIRMA TARAFINDAN DEGI

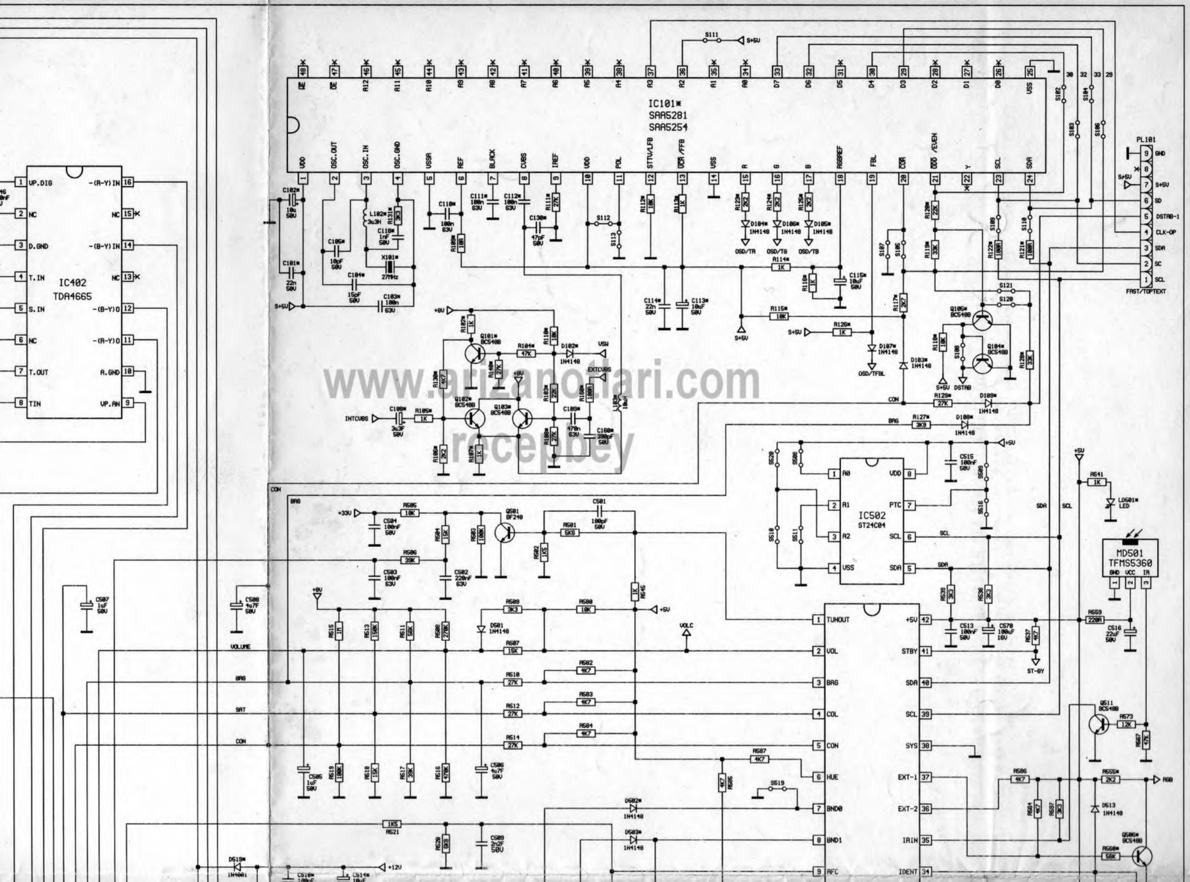


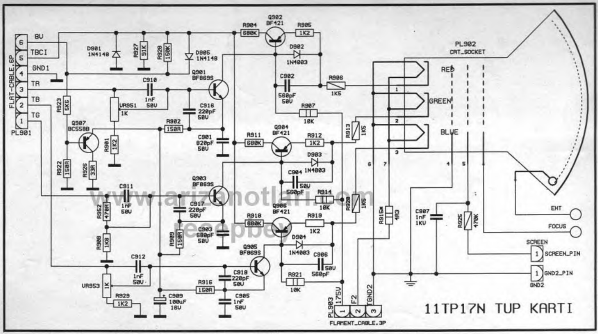
"EMNIYETLE ILGILI" DIR..
VEYA ONAYLI MUADILI ILE DEGISTIRILEBILIR.
DA "EMNIYETLE ILGILI ELEMAN" GURUBUNDADIR.

EMAN BAGLANTILARI DEVRENIN
MA TARAFINDAN DEGISTIRILEBILIR.

# 11AK17 ANA KART DEVRE SEMASI


TU101*
TUNER-KHC2000
AGC 1
SUPPLY 2
UHFI 3
UHFIII 4
NC 5
UHF 6
TUN 7
NC 8
NC 9
NC 10
NC 11
IFOUT 12
IFOUT 13
IC301
TDA2611A
IC701
TDA3653B
IN1
GND
IN2
GND
OUT
VFLY
GUARD
FLYB.
VCC
+12V
+26V-A
+26V-V
R307 4R7
R711 4R7
C301 1000uF 35V
C304 22nF 50V
C307 100nF 63V
R308 6K8
R306 6R8
C302 100nF 63V
C303 8n2 100V
C305 470uF 50V
C306 100nF 63V
R302 1K2
R303* 1K2
C308 2u2 50V
R309 15K
PL301
PL302
TMK2052
S301
S302
S303
S.OUT
+5V
R305 47K
R304 4K7
Q301 BC548B
Q302 BC548B
D304 1N4148
D301 1N4148
D302 1N4148
VOLC
C309 10nF 63V
C311 4u7 50V
R301* 1K8
R310 68K
C201 100uF 25V
C310 10uF 50V
C205* 10nF 50V
C209* 10uF 50V
C204* 10nF 50V
C208* 10uF 50V
C210 10uF 50V
C202 47uF 35V
C203 10nF 50V
R201 10K
R202 33K
D201 1N4148
R203 10K
R204 1K2
C312* 680pF 50V
SAWFILTER
Z201*
OFW61963
IN1
IN2
OUT1
OUT2
GND
L201 1uH
R701 3K9
R702 10K
D701 1N4003
C707 100uF 63V
C708 220uF 40V
C703 470pF 50V
C702 4n7F 50V
R716 6K8
C701 4n7F 50V
R705 10K
C704 100nF 63V
R709 470R
R710 680K
PL701
TMK2004
R703 82K
VR701 4K7
C705 3u3F 50V
C706 1000uF 35V
R708 470R
Q701 BC548B
Q702 BC558B
VR703 10K
R704 22K
VR702 100K
R706 1R0
R707* 8K2
R715 1K
DSTAB
+5V
C446 100nF 50V
IC402
TDA4665
1 VP.DIG
2 NC
3 D.GND
4 T.IN
5 S.IN
6 NC
7 T.OUT
8 TIN
-(R-Y
-(B-Y
-(B-
-(R-
R.
VP
R205 4K7
C206 100n 63V
RFC-S
TUN
Q201 BC548B
+8V
C456 47nF 50V
C207 4n7 50V
R466 100R
C460 100uF 16V
C464 100uF 16V
Q403 BC548B
Q401 BC548B
C433 47pF 50V
Z403* SFE5.5MHz
R496 1K
C411 1nF 50V
R424 1K
R403 1K
L401 6u8
R407 150R
Z401* TPS5.5MHz
C450 1nF 50V
R405 100R
R406 390R
Q411 BC548B
Q406 BC548B
R450 3K3
R462 470K
C447 470nF 63V
R495 100R
R400 470R
R451 1K
R453 150K
C452 33uF 50V
R476* 120R
C496* 1nF 50V
SC401
R433* 1K
R416 22K
R417 22K
R454 6K8
R418 820R
C497* 1nF 50V
C413* 820pF 50V
R434* 1K
C439* 820pF 50V
VSW
C401 3n9 50V
R401 390R
C402 12pF 50V
LT401 38.9MHz
R402 6K8
C403 2u2F 50V
C451 47pF 50V
C404 100nF 63V
+8V
L405 10uH
C406 10uF 50V
C405 22nF 50V
C409 100nF 63V
C407 47nF 50V
L403 2u2
C448 330pF 50V
INTCVBS
BCI
R473 6K2
C410 100pF 50V
C408 47nF 50V
L404 2u2
C449 220pF 50V
EXTCVBS
IC401
TDA8361A
1 A.DEMP
2 REF.C
3 REF.C.
4 IDEN
5 S.IFIN
6 EX.A.IN
7 VOUT
8 DEC.
9 AFC
10 SUP.
11 GND2
12 DEC
13 INCVBSIN
14 BL.CUR
15 EXCVBSIN
16 CHRIN/SS
B.DEC 52
S.DEC 51
S.OUT 50
TUN.T-O 49
AGC 48
TUN.AGC 47
IF.IN. 46
IF.IN 45
VER.OUT 44
VER.R.G 43
VER.FB 42
GND 41
O1CON. 40
O2CON. 39
FLYIN/S 38
H.DRV 37
C431 2u2F 50V
C430 22nF 50V
C429 10uF 50V
C445 100n 63V
C428 2u2F 50V
C427 22nF 100V
C495 150pF 50V
R496 560R
R497 560R
C426 33n 63V
R441 10M
R498 560R
C425 1nF 63V
C423 4n7F 50V
C424 2n2 50V
R440 390K
R457 820K
VR401 10K
R439 15K
C422 1uF 50V
10K VR402
R443 5K6
+33V
R442 330K
C501 1uF 50V


IC101*
SAA5281
SAA5254
VDD
OSC.OUT
OSC.IN
OSC.GND
VSSA
REF
BLACK
CVBS
IREF
POL
STTV/LFB
VCR/FFB
VSS
R
G
B
RGBREF
FBL
COR
ODD/EVEN
Y
SCL
SDA
OE
A12
A11
A10
A9
A8
A7
A6
A5
A4
R3
R2
A1
A0
D7
D6
D5
D4
D3
D2
D1
D0
S111
S+5V
X101* 27MHz
L102* 3u3H
C102* 10u 50V
C101* 22n 50V
C105* 10pF 50V
C104* 15pF 50V
C103* 100n 63V
C110* 1nF 50V
R131* 3K3
C110* 100n 63V
C111* 100n 63V
C112* 100n 63V
C130* 47pF 50V
R111* 27K
R109* 10R
S112
S113
R112* 10K
R113* 1K
C114* 22n 50V
C113* 10uF 50V
R123* 2K2
R124* 2K2
R125* 2K2
D104* 1N4148
D106* 1N4148
D105* 1N4148
OSD/TR
OSD/TG
OSD/TB
R114* 1K
R116* 1K
C115* 10uF 50V
R115* 10K
R126* 1K
D107* 1N4148
OSD/TFBL
R117* 2K7
D103* 1N4148
S107
S105
R120* 22K
R119* 33K
R122* 100R
R121* 100R
S109
S110
S121
S120
Q105* BC548B
Q104* BC548B
R118* 10K
S108
DSTAB
R128* 33K
R129* 27K
D109* 1N4148
R127* 3K9
D108* 1N4148
CON
BRG
S102
S103
S104
S106
30 32 33 29
PL101
GND
S+5V
SD
DSTAB-1
CLK-OP
SDA
SC
SCL
FRST/TOPTEXT
+8V
R102* 1K
Q101* BC548B
R104* 47K
R110* 10K
D102* 1N4148
VSW
EXTCVBS
R140* 27K
R130* 4K7
Q102* BC548B
Q103* BC548B
R103* 22K
R108* 100R
L103* 10uH
INTCVBS
C100* 3u3F 50V
R105* 1K
C109* 470n 63V
C160* 390pF 50V
R106* 2K2
R107* 1K
R100* 27K
IC402
TDA4665
VP.DIG
NC
D.GND
T.IN
S.IN
T.OUT
TIN
-(R-Y)IN
-(B-Y)IN
-(B-Y)O
-(R-Y)O
A.GND
VP.AN
IC502
ST24C04
A0
A1
A2
VSS
VDD
PTC
SCL
SDA
S520
S508
S510
S511
S509
S516
C515 100nF 50V
+5V
R541 1K
LD501* LED
MD501
TFMS5360
GND
VCC
IR
R539 3K3
R538 3K3
C513 100nF 50V
C570 100uF 16V
R537 4K7
ST-BY
R559 220R
C516 22uF 50V
+33V
R505 10K
C504 100nF 50V
R504 15K
R503 100K
Q501 BF240
C501 100pF 50V
R501 5K6
R502 1K5
R506 39K
C503 100nF 63V
C502 220nF 63V
R545 1K
C507 1uF 50V
C508 4u7F 50V
R509 3K3
R500 10K
D501 1N4148
R507 15K
R515 1M
R513 150K
R511 56K
R508 270K
VOLC
VOLUME
BRG
SAT
CON
R510 27K
R512 27K
R514 27K
R582 4K7
R583 4K7
R584 4K7
R587 4K7
R586 4K7
S519
C505 1uF 50V
R519 100K
R518 15K
R517 39K
R516 470K
C506 4u7F 50V
D502* 1N4148
D503* 1N4148
R521 1K5
R520 6K8
C509 2n2F 50V
D519* 1N4001
C510* 100uF
C514* 10uF
+12V
TUNOUT
VOL
BRG
COL
CON
HUE
BND0
BND1
AFC
+5V
STBY
SDA
SCL
SYS
EXT-1
EXT-2
IRIN
IDENT
Q511 BC548B
R573 12K
R567 47K
R596 4K7
R594 4K7
R597 3K3
R555* 2K2
RGB
D513 1N4148
Q506* BC548B
R560* 56K



11TP17N TUP KARTI