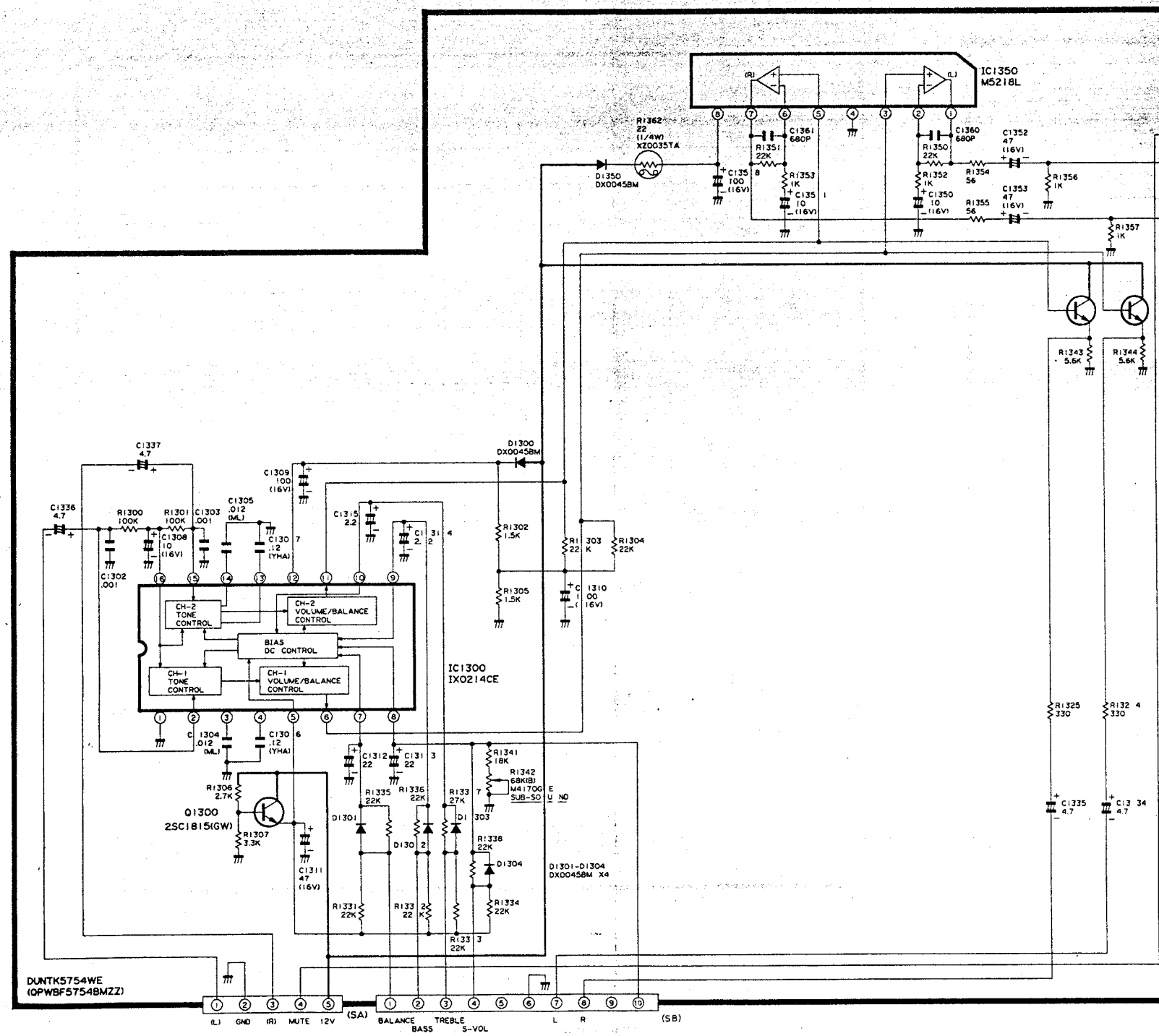
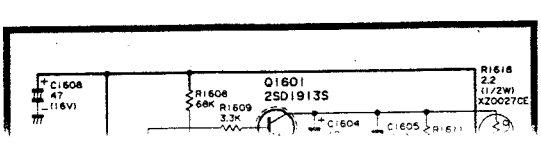
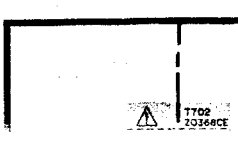
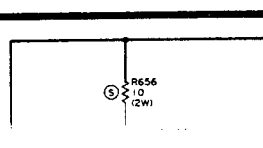
CT-2810S

DIAGRAMMA SCHEMATICO DEL TELEVISO



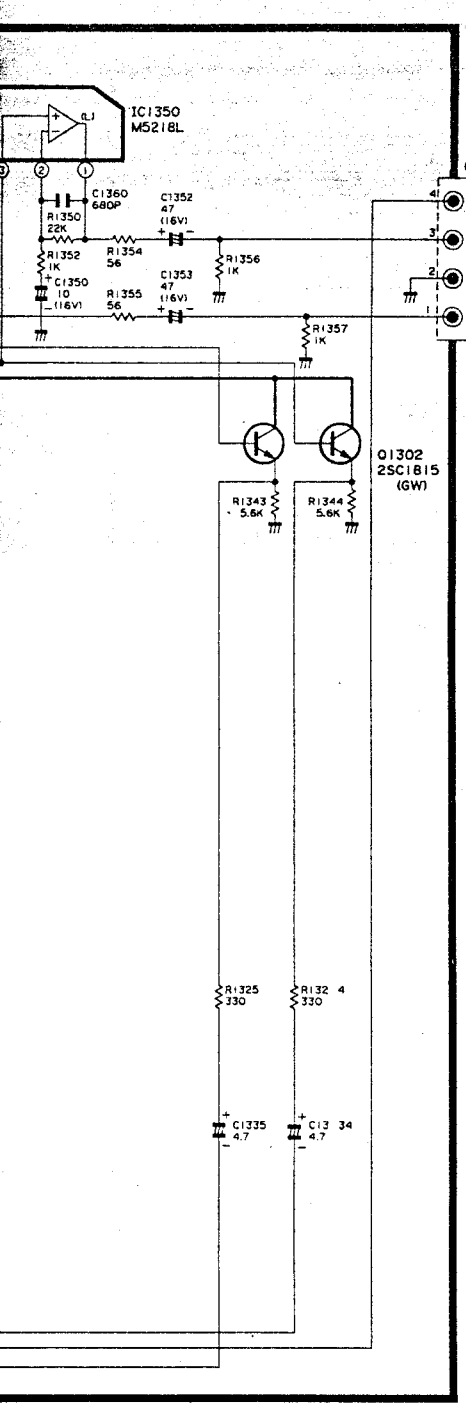


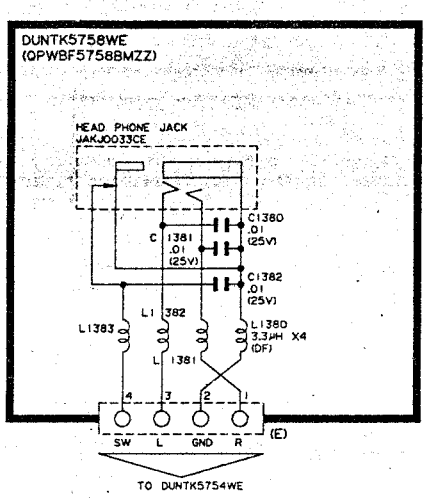


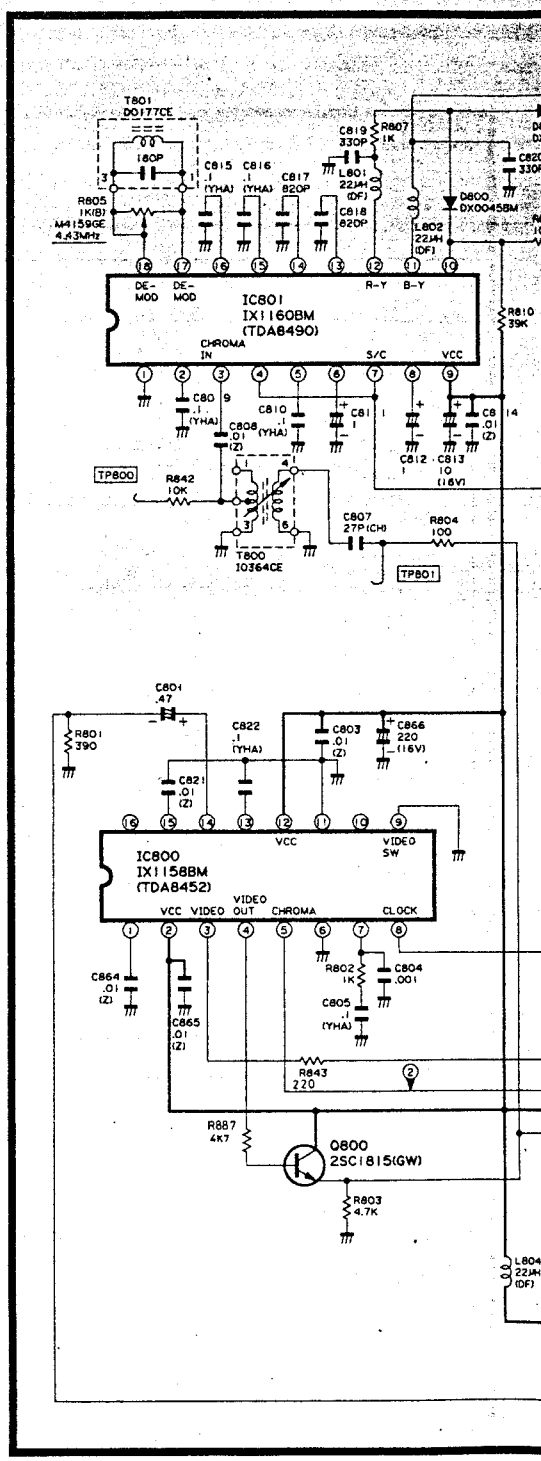


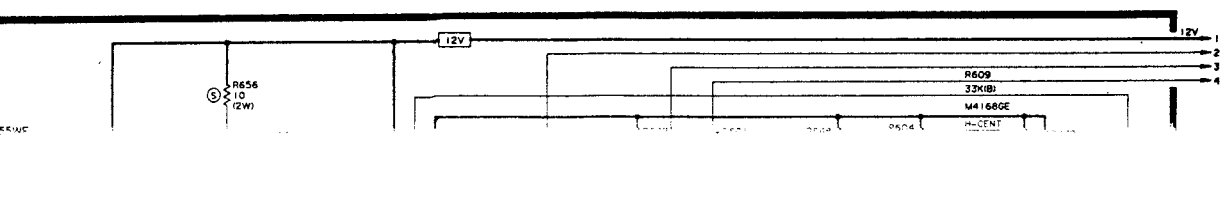
CT-2810S

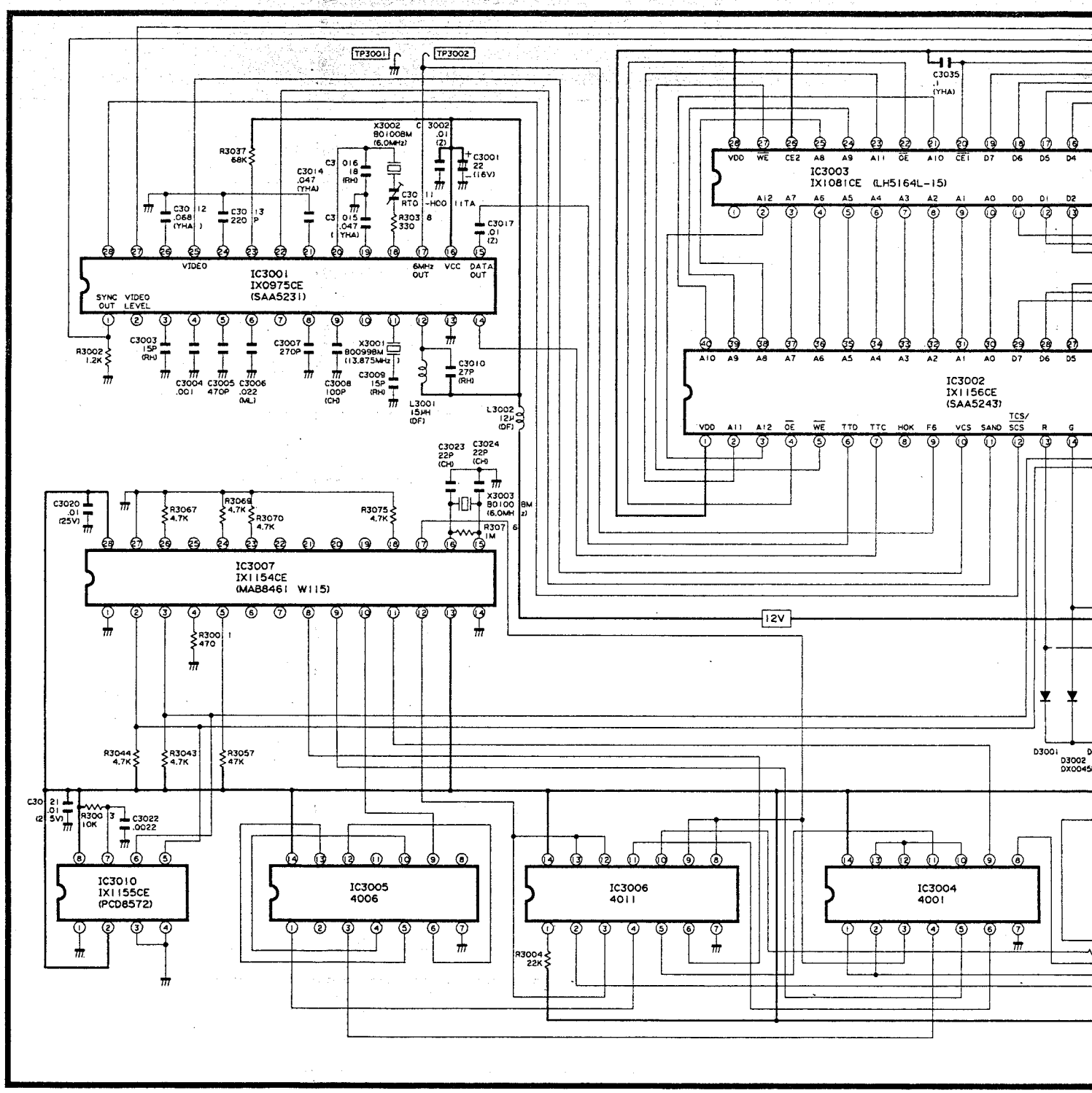
DEL TELEVISORE A COLORI CT-2510S
CT-2810S

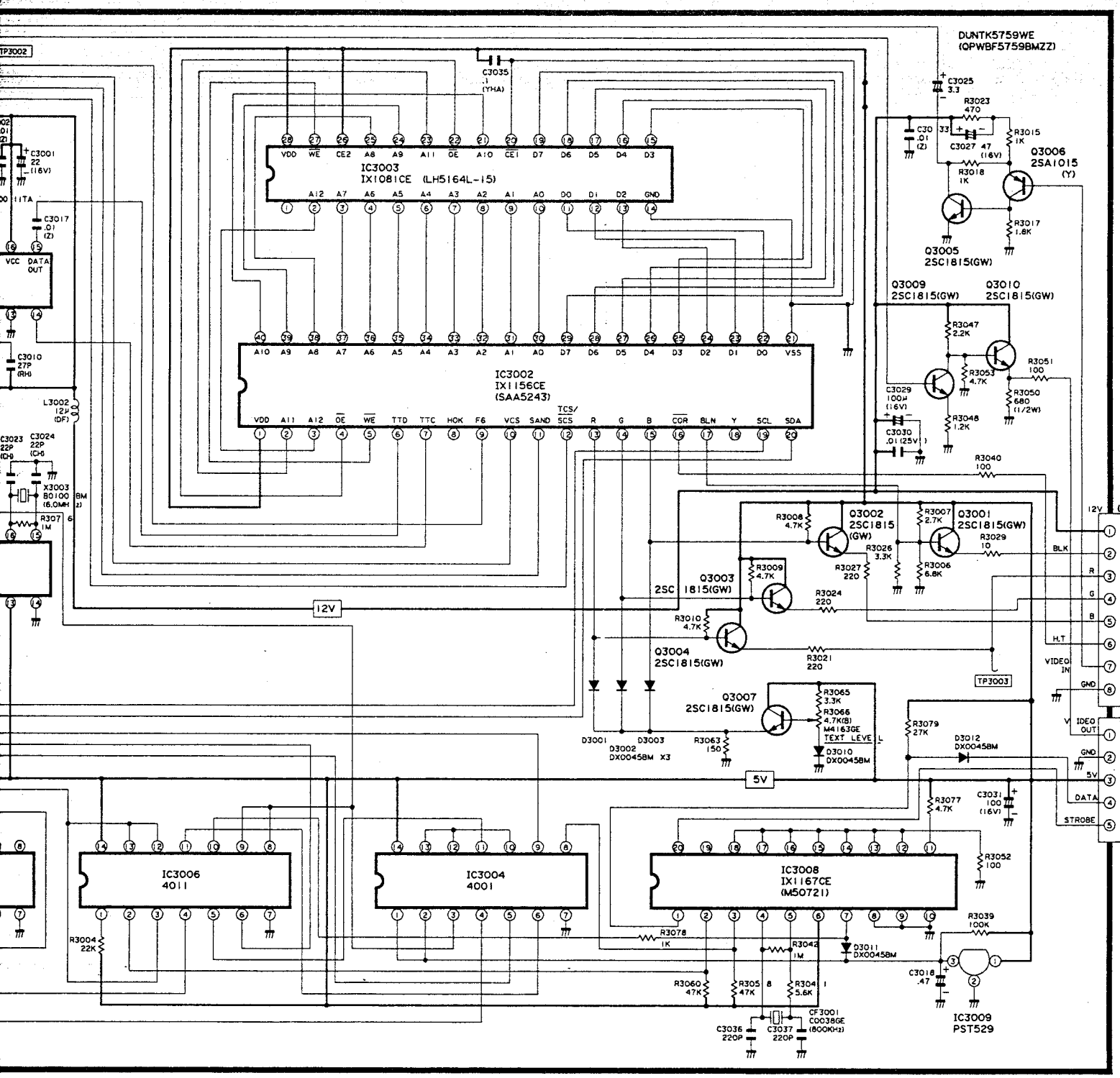


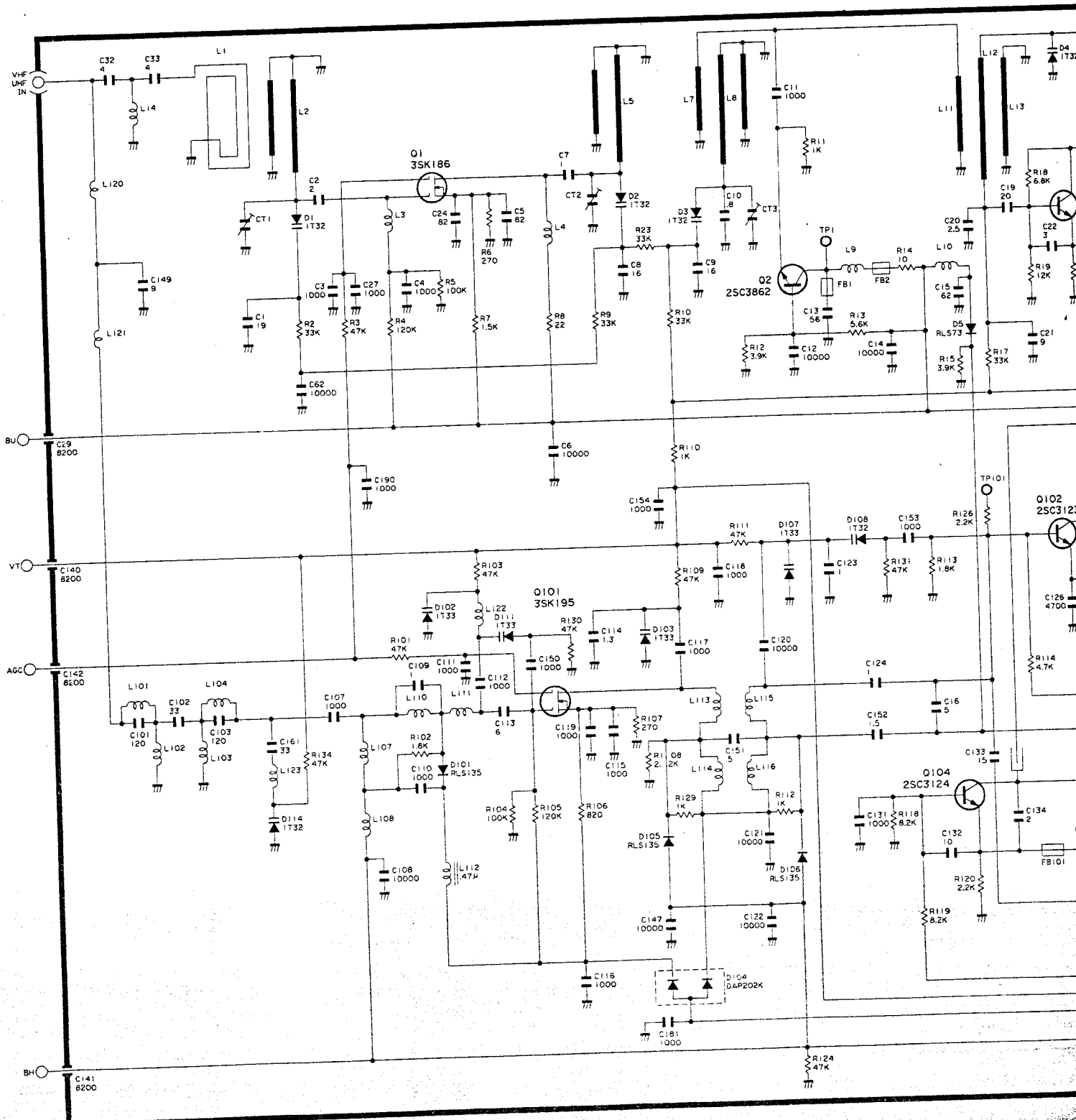


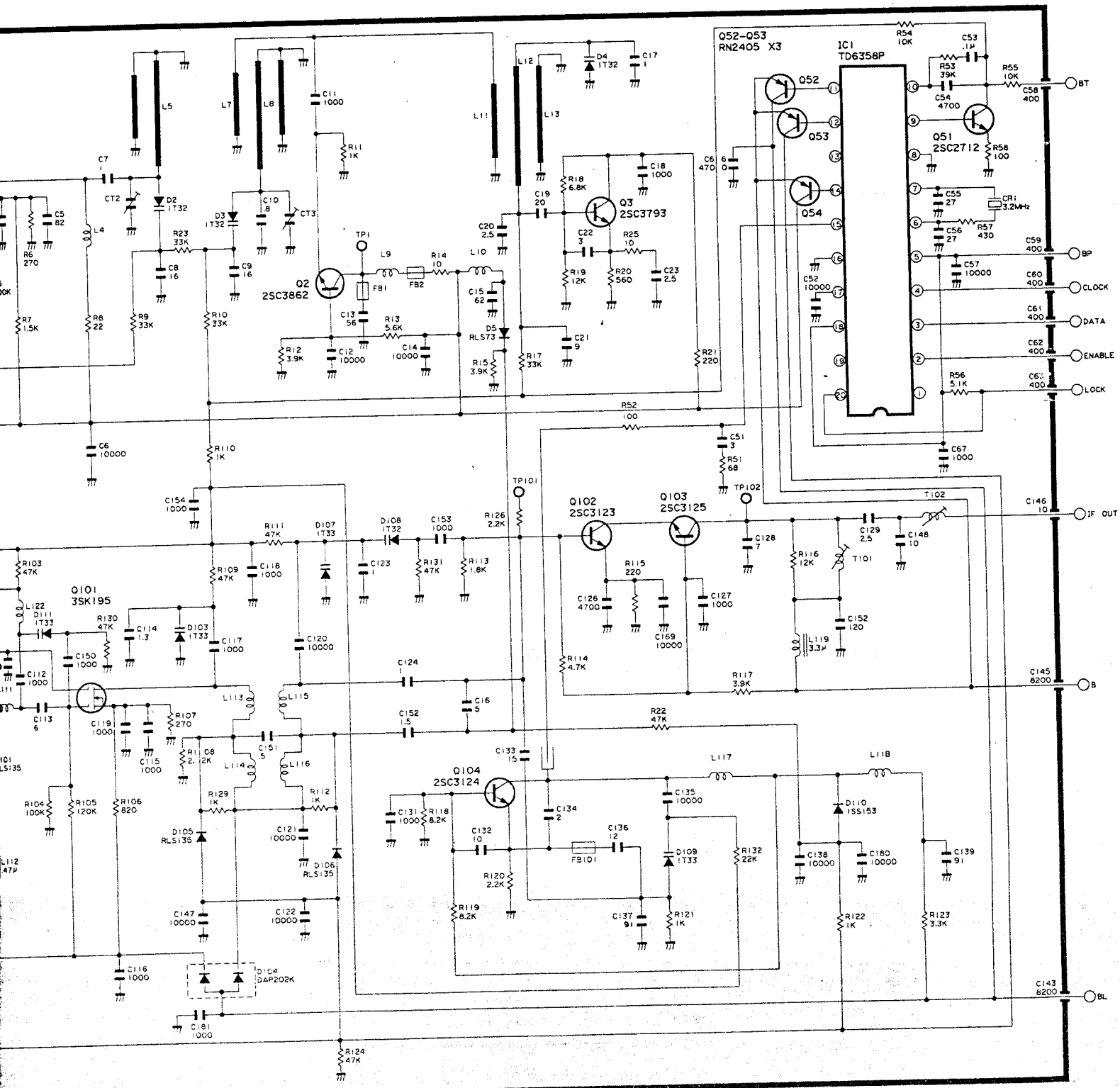


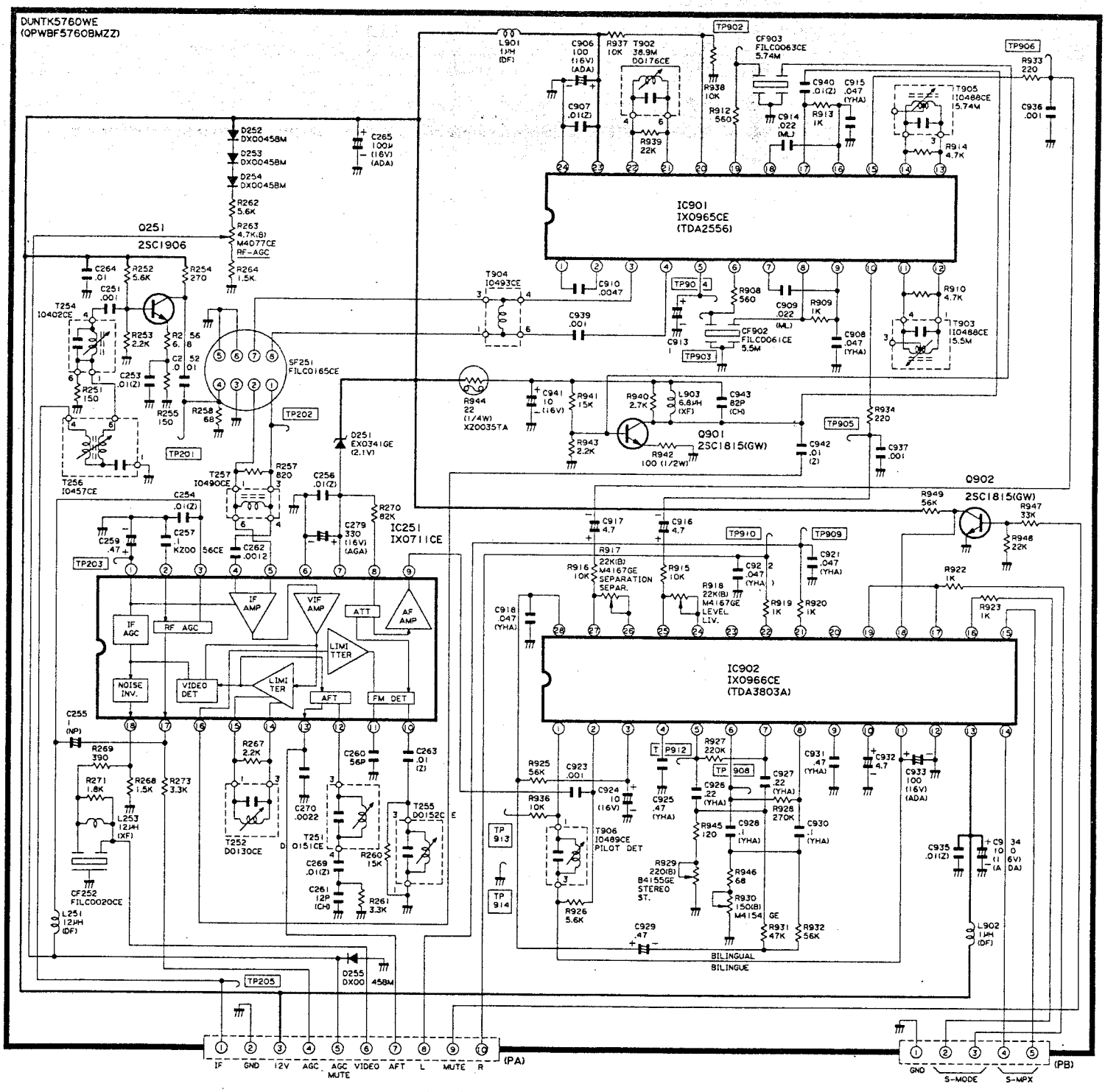



TP3001
TP3002
IC3001
IX0975CE
(SAA5231)
IC3003
IX1081CE (LH5164L-15)
IC3002
IX1156CE
(SAA5243)
IC3007
IX1154CE
(MAB8461 W115)
IC3010
IX1155CE
(PCD8572)
IC3005
4006
IC3006
4011
IC3004
4001
12V
X3002
80100BM
(6.0MHz)
X3001
80099BM
(13.875MHz)
X3003
80100
(6.0MHz)
L3001
15μH
(DF)
L3002
12μ
(DF)
R3037
68K
R3002
1.2K
R3067
4.7K
R3069
4.7K
R3070
4.7K
R3075
4.7K
R3044
4.7K
R3043
4.7K
R3057
47K
R3004
22K
C3001
22
(16V)
C3035
1
(YHA)
C3017
.01
(Z)
C3023
22P
(CH)
C3024
22P
(CH)
C3010
27P
(RH)
C3007
270P
C3008
100P
(CH)
C3009
15P
(RH)
C3003
15P
(RH)
C3004
.001
C3005
470P
C3006
.022
(ML)
C3020
.01
(25V)
C3022
.0022
R3001
470
R3002
10K
D3001
D3002

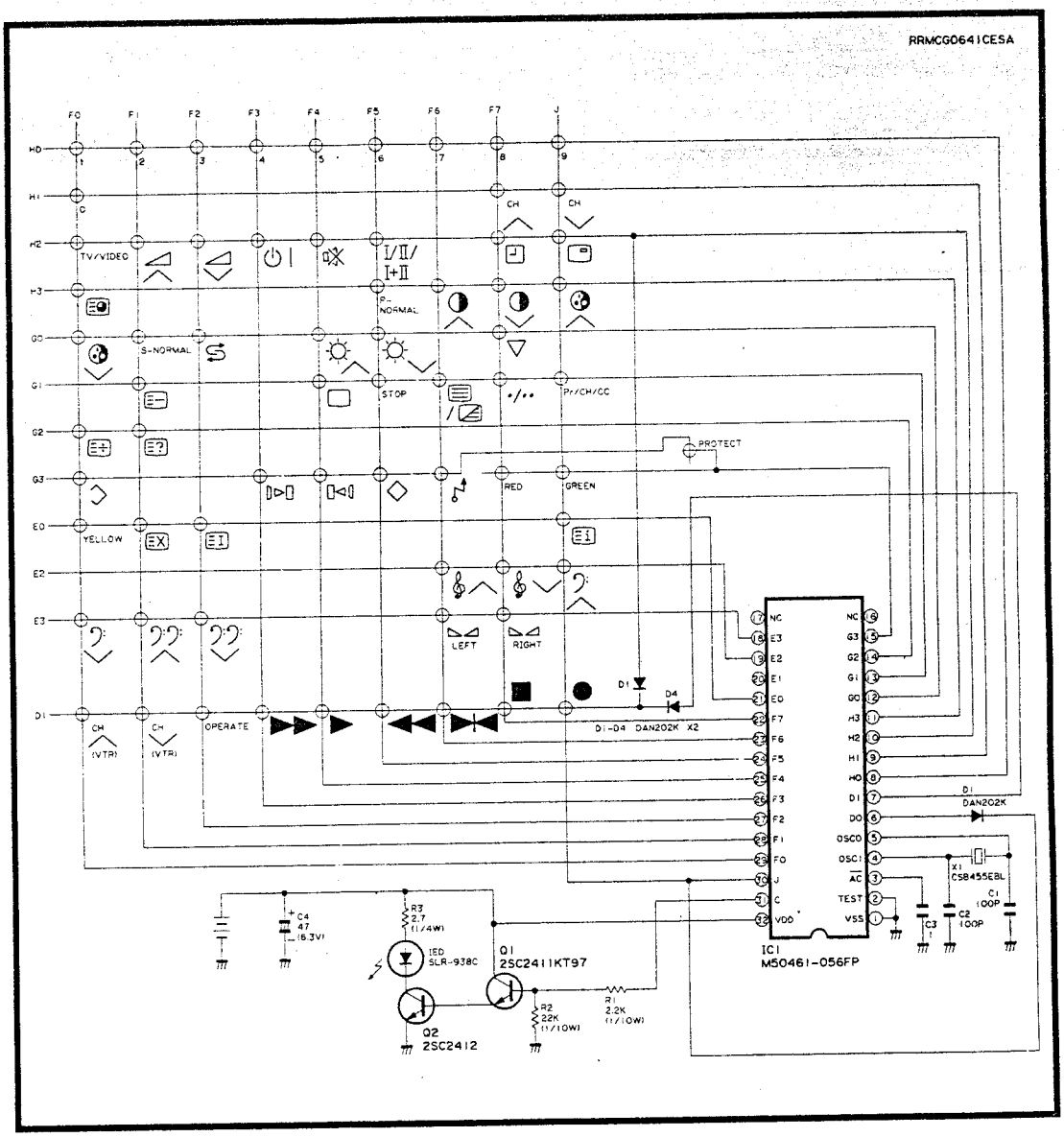

DUNTK5759WE
(QPWBF5759BMZZ)
IC3003
IX1081CE (LH5164L-15)
IC3002
IX1156CE
(SAA5243)
Q3005
2SC1815(GW)
Q3006
2SA1015
(Y)
Q3009
2SC1815(GW)
Q3010
2SC1815(GW)
Q3002
2SC1815
(GW)
Q3001
2SC1815(GW)
Q3003
2SC 1815(GW)
Q3004
2SC1815(GW)
Q3007
2SC1815(GW)
IC3006
4011
IC3004
4001
IC3008
IX1167CE
(M50721)
IC3009
PST529
12V
5V
TP3002
TP3003
(TA)
(TB)
BLK
R
G
B
H.T
VIDEO IN
GND
VIDEO OUT
DATA
STROBE

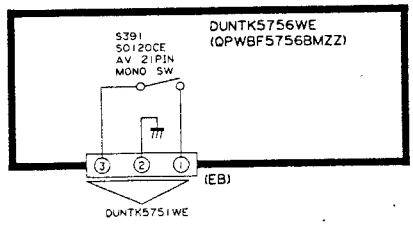

VHF
UHF
IN
BU
VT
AGC
BH
C32 4
C33 4
L1
L14
L2
L120
L121
C149 9
Q1 3SK186
C7
C2 2
CT1
D1 1T32
L3
C24 82
C5 82
R6 270
L4
CT2
D2 1T32
L5
R23 33K
C8 16
C62 10000
C3 1000
C27 1000
C4 1000
R5 100K
C1 19
R2 33K
R3 47K
R4 120K
R7 1.5K
R8 22
R9 33K
L7
L8
C11 1000
R11 1K
D3 1T32
C10 .8
CT3
C9 16
R10 33K
TP1
Q2 2SC3862
L9
FB1
FB2
R14 10
L10
C13 56
R13 5.6K
R12 3.9K
C12 10000
C14 10000
D5 RLS73
R15 3.9K
L11
L12
L13
D4 1T32
R18 6.8K
C19 20
C20 2.5
C22 3
R19 12K
C15 62
R17 33K
C21 9
C29 8200
C190 1000
C6 10000
R110 1K
C154 1000
TP101
Q102 2SC3123
R126 2.2K
C140 8200
R111 47K
D107 1T33
D108 1T32
C153 1000
C123 1
R131 47K
R113 1.8K
R103 47K
R109 47K
C116 1000
C126 4700
Q101 3SK195
D102 1T33
L122
D111 1T33
R130 47K
C114 1.3
D103 1T33
C117 1000
C120 10000
R114 4.7K
C142 8200
R101 47K
C109 1
C111 1000
C112 1000
C150 1000
C124 1
L101
L104
C102 33
C101 120
L102
C103 120
L103
C107 1000
L110
L111
C113 6
C119 1000
R107 270
L113
L115
C16 5
C152 1.5
C161 33
L123
R134 47K
L107
R102 1.6K
C110 1000
D101 RLS135
C115 1000
R108 2.2K
C151 5
L114
L116
C133 15
Q104 2SC3124
C131 1000
R118 8.2K
C134 2
C132 10
FB101
R120 2.2K
R119 8.2K
D114 1T32
R104 100K
R105 120K
R106 820
R129 1K
R112 1K
D105 RLS135
C121 10000
D106 RLS135
L108
C108 10000
L112 .47μ
C147 10000
C122 10000
C118 1000
D104 DAP202K
C181 1000
R124 47K

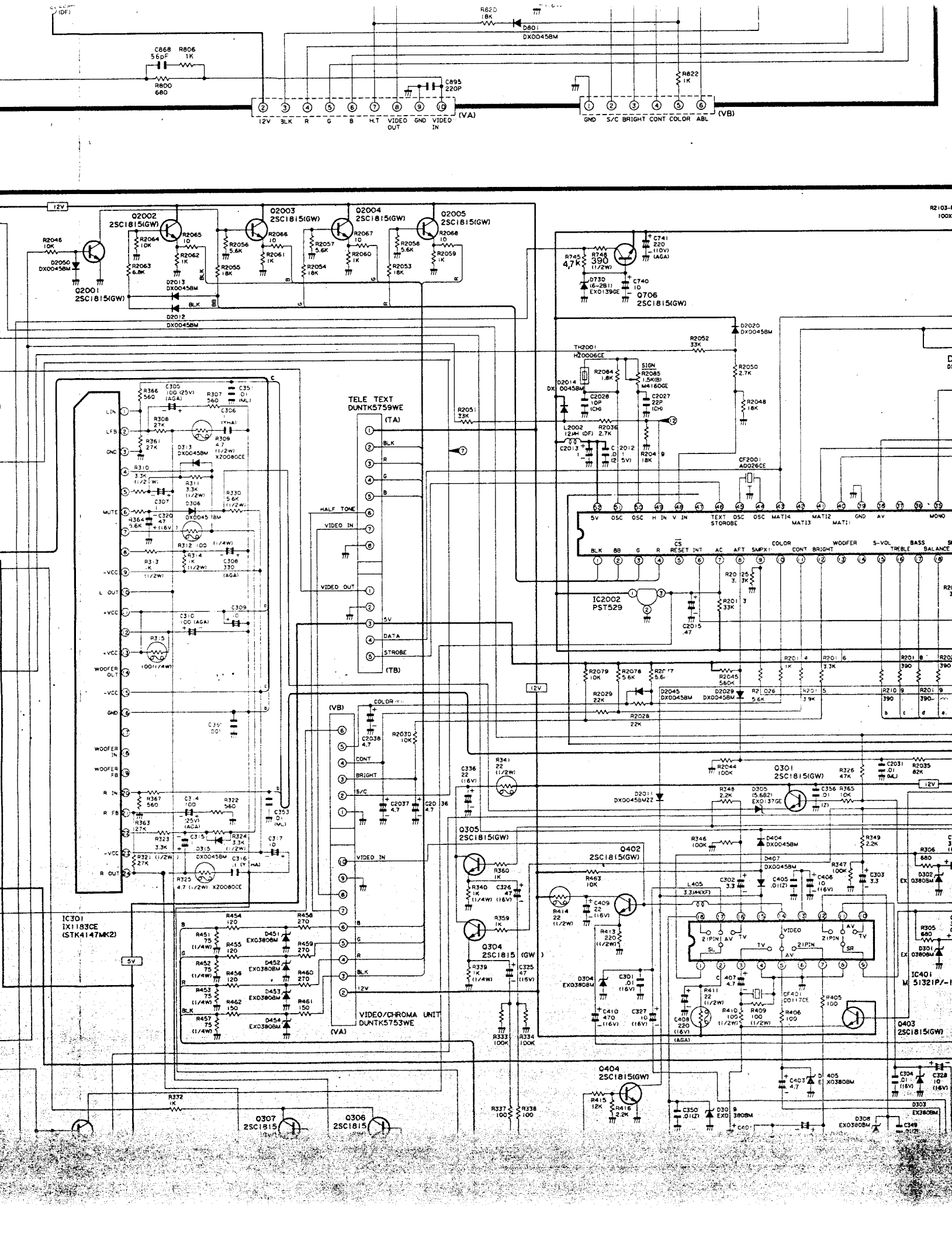

Q52-Q53
RN2405 X3
IC1
TD6358P
Q52
Q53
Q54
Q51
2SC2712
Q3
2SC3793
Q2
2SC3862
Q101
3SK195
Q102
2SC3123
Q103
2SC3125
Q104
2SC3124
BT
BP
CLOCK
DATA
ENABLE
LOCK
IF OUT
B
BL
TP1
TP101
TP102
T101
T102
FB1
FB2
FB101
CR1
3.2MHz
D104
DAP202K

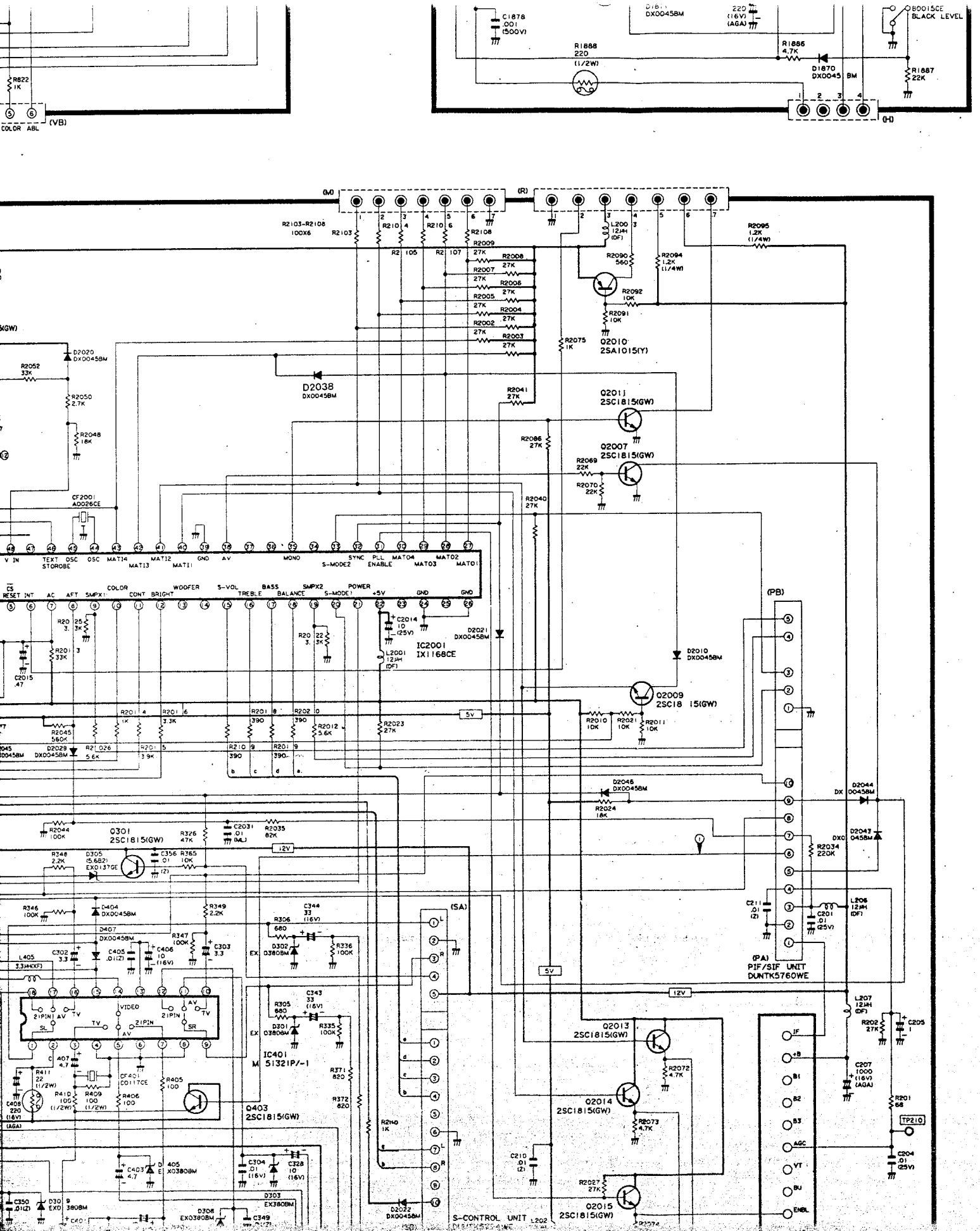

DUNTK5760WE
(QPWBF5760BMZZ)
IC901
IX0965CE
(TDA2556)
IC902
IX0966CE
(TDA3803A)
IC251
IX0711CE
Q251
2SC1906
Q901
2SC1815(GW)
Q902
2SC1815(GW)
IF AMP
VIF AMP
ATT
AF AMP
IF AGC
RF AGC
LIMI TTER
NOISE INV.
VIDEO DET
AFT
FM DET
BILINGUAL
BILINGUE
IF GND 12V AGC AGC MUTE VIDEO AFT L MUTE R (PA)
GND S-MODE S-MPX (PB)

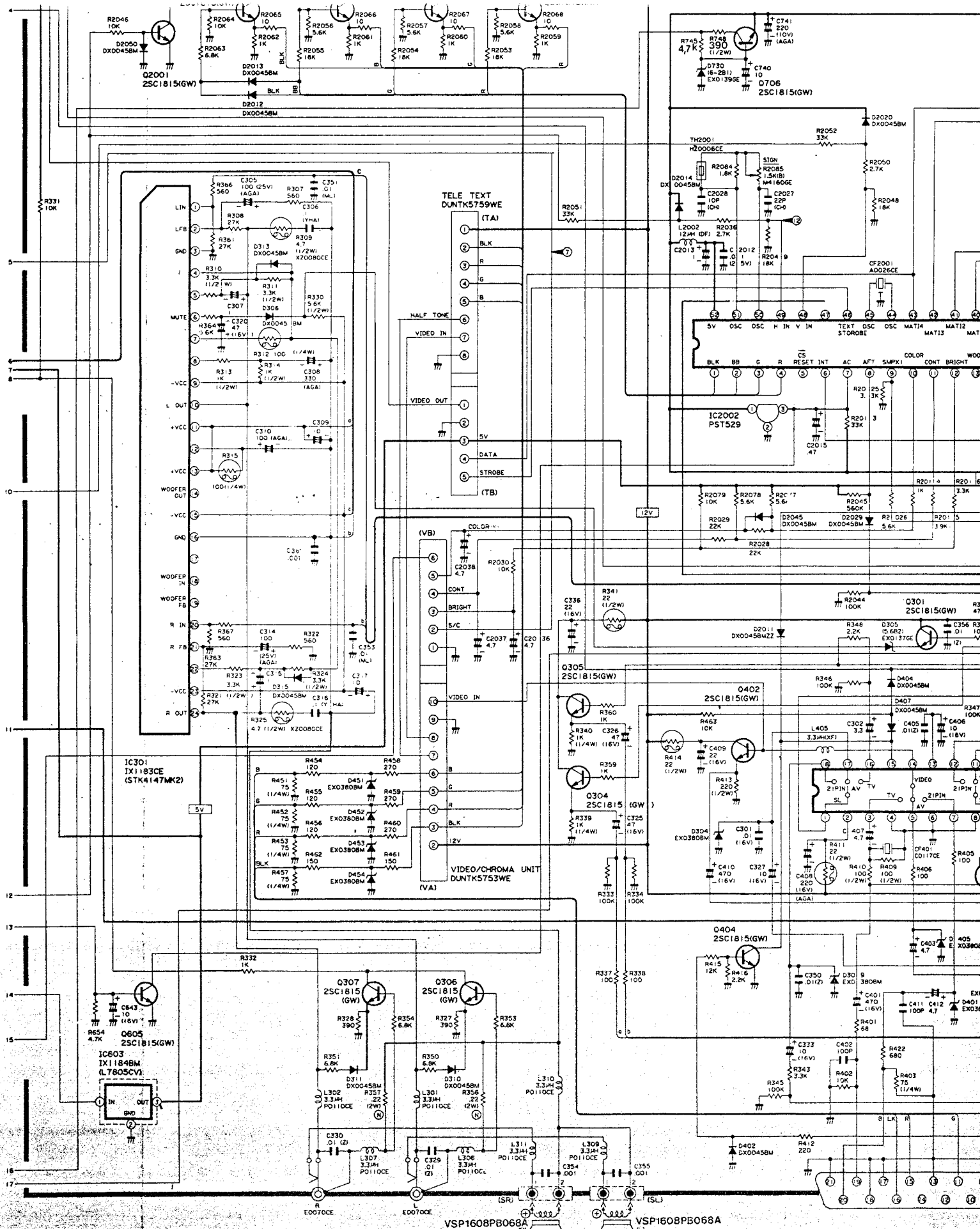
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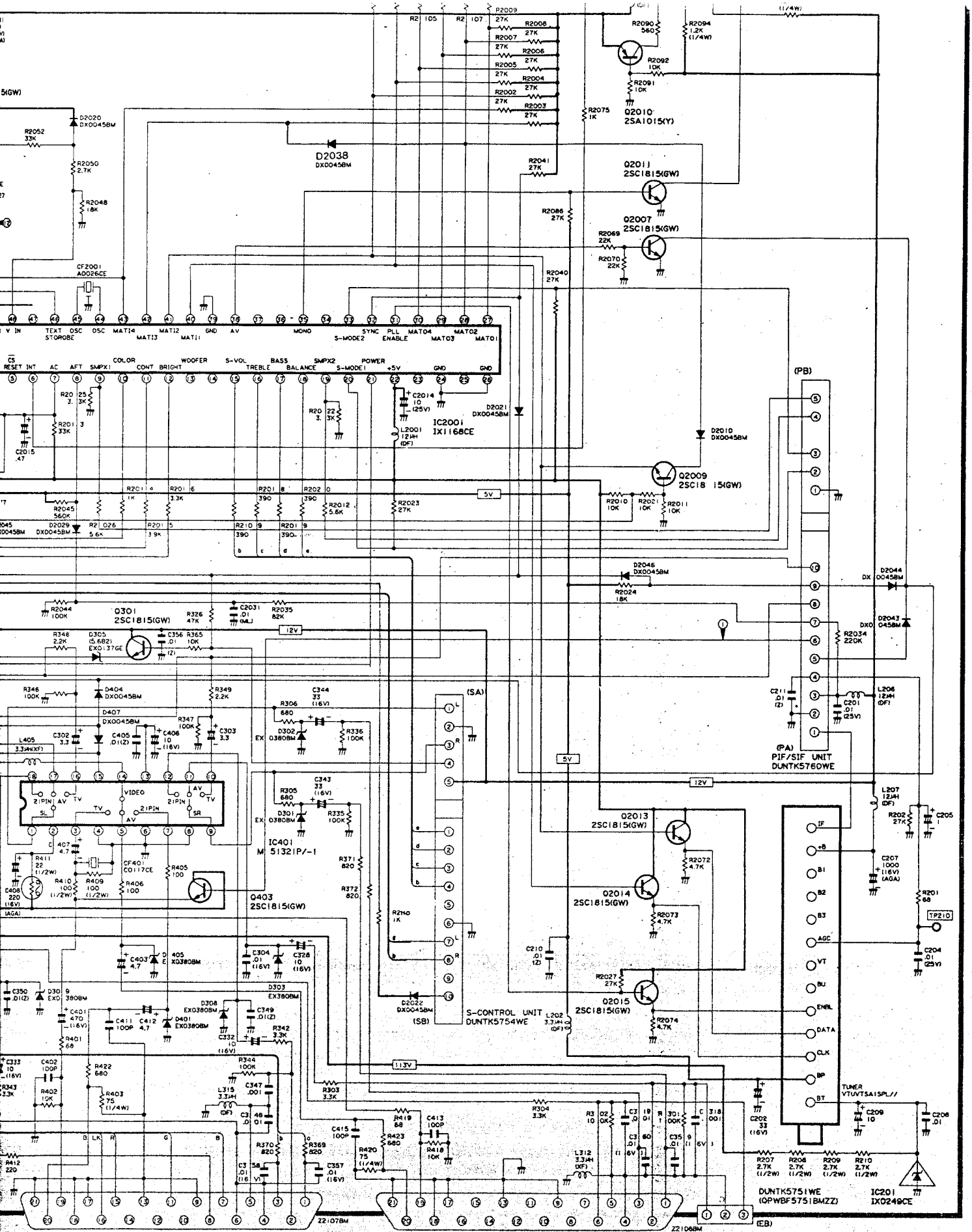


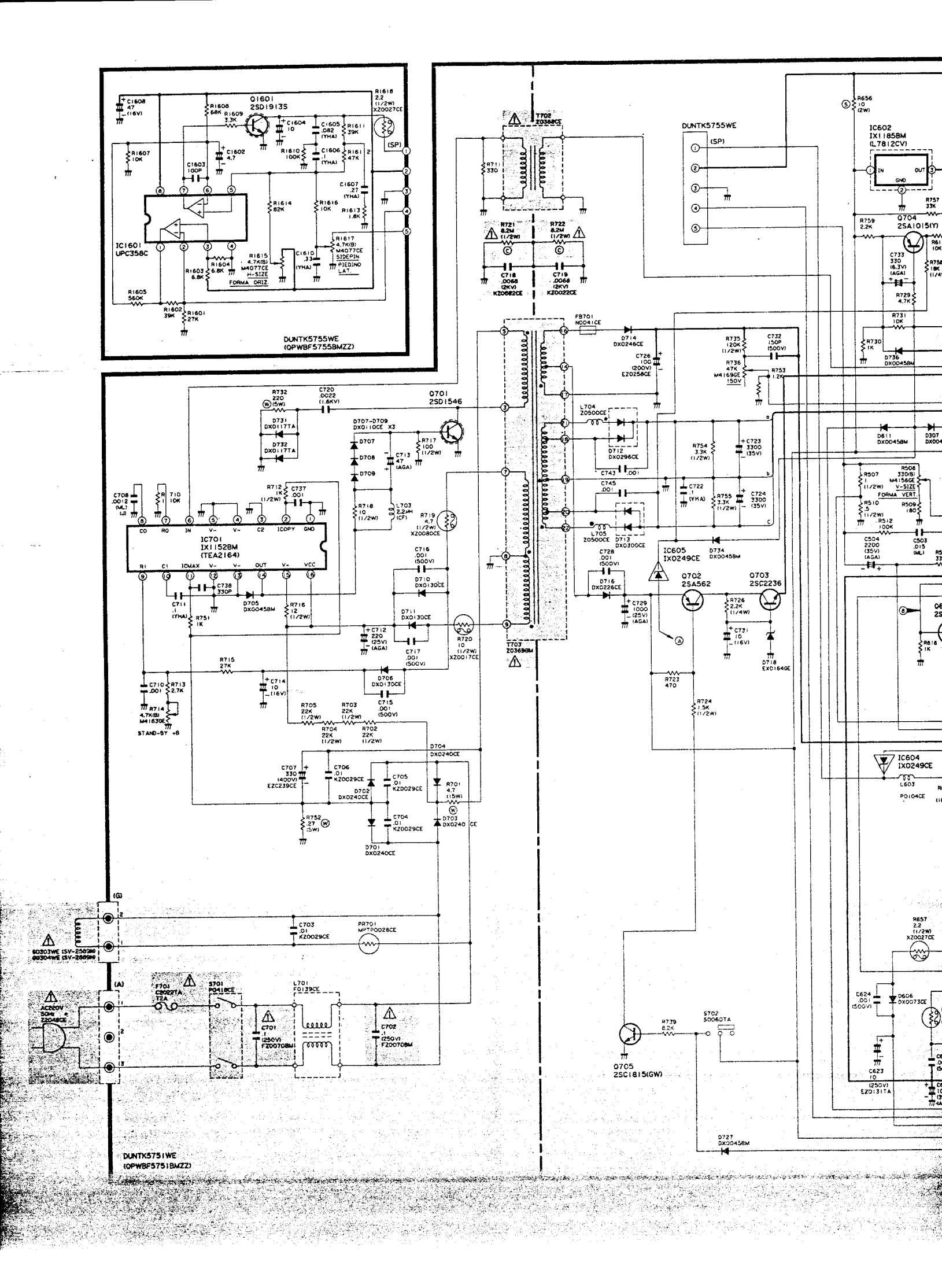


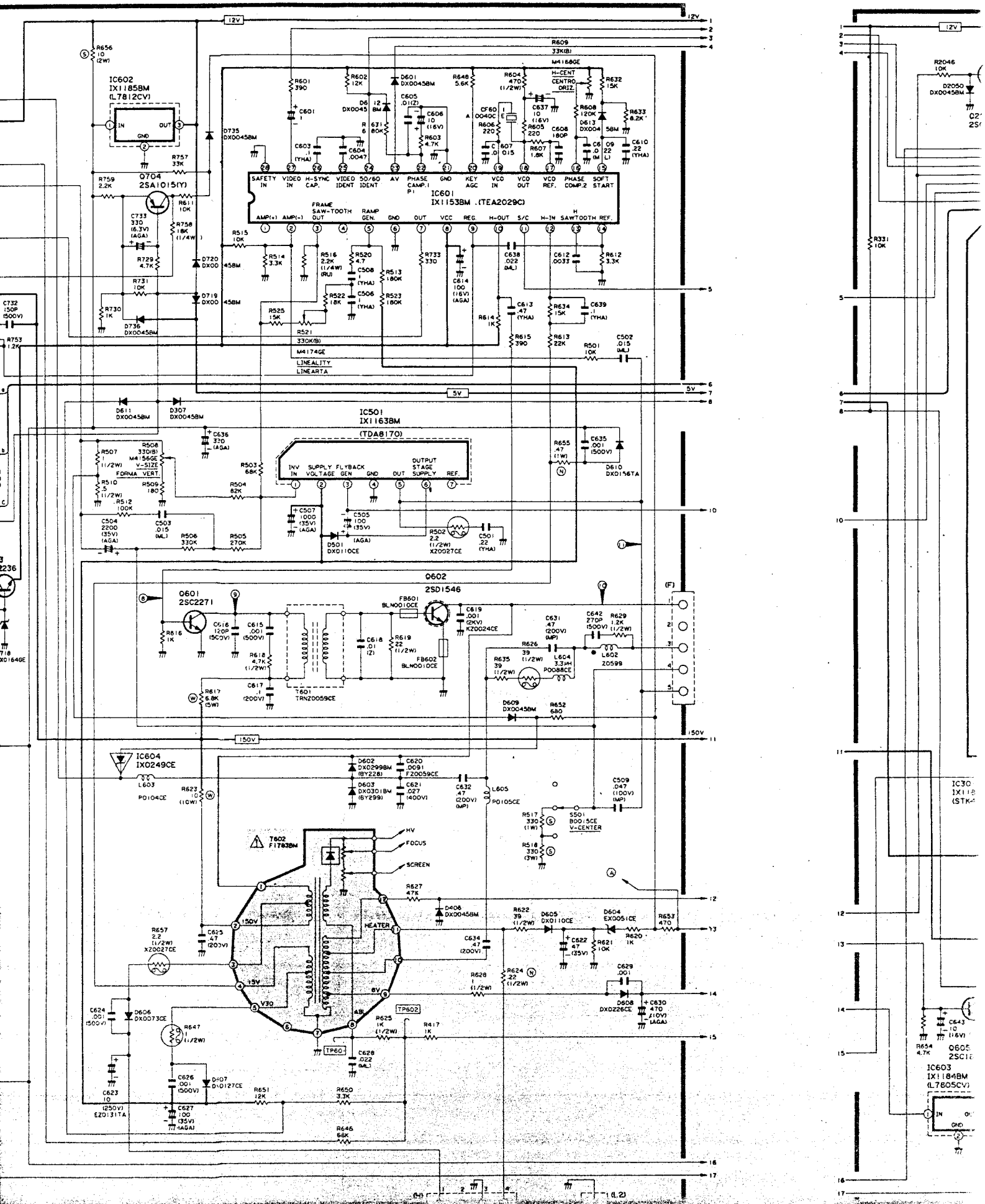

12V
Q2002 2SC1815(GW)
Q2003 2SC1815(GW)
Q2004 2SC1815(GW)
Q2005 2SC1815(GW)
Q2001 2SC1815(GW)
Q706 2SC1815(GW)
TELE TEXT DUNTK5759WE
(TA)
(TB)
IC2002 PST529
IC301 IX1183CE (STK4147MK2)
VIDEO/CHROMA UNIT DUNTK5753WE
(VA)
(VB)
Q301 2SC1815(GW)
Q402 2SC1815(GW)
Q305 2SC1815(GW)
Q304 2SC1815 (GW)
Q404 2SC1815(GW)
Q403 2SC1815(GW)
Q307 2SC1815
Q306 2SC1815
5V
12V
BLK
R
G
B
H.T
VIDEO OUT
GND
VIDEO IN
S/C
BRIGHT
CONT
COLOR
ABL
HALF TONE
DATA
STROBE
MUTE
L OUT
WOOFER OUT
WOOFER IN
WOOFER FB
R IN
R FB
R OUT
-VCC
+VCC
GND
LIN
LFB
5V OSC OSC H IN V IN TEXT STROBE OSC OSC MAT14 MAT13 MAT12 MAT11 GND AV MONO
BLK BB G R RESET INT AC AFT SMPX COLOR CONT BRIGHT WOOFER TREBLE S-VOL BASS BALANCE


R822 1K
COLOR ABL
(VB)
C1878 .001 (500V)
R1888 220 (1/2W)
D1870 DX0045BM
220 (16V) (AGA)
R1886 4.7K
D1870 DX0045BM
R1887 22K
B00015CE BLACK LEVEL
(H)
(M)
(R)
R2103-R2108 100X6
L200 12μH (DF)
R2095 1.2K (1/4W)
R2090 560
R2094 1.2K (1/4W)
R2092 10K
R2091 10K
Q2010 2SA1015(Y)
R2075 1K
D2038 DX0045BM
R2041 27K
Q2011 2SC1815(GW)
R2086 27K
Q2007 2SC1815(GW)
R2069 22K
R2070 22K
R2040 27K
D2020 DX0045BM
R2052 33K
R2050 2.7K
R2048 18K
CF2001 A0026CE
V IN
TEXT STOROBE
OSC
OSC
MAT14
MAT13
MAT12
MAT11
GND
AV
MONO
S-MODE2
SYNC
PLL ENABLE
MAT04
MAT03
MAT02
MAT01
CS RESET INT
AC
AFT
SMPX1
COLOR CONT
BRIGHT
WOOFER
S-VOL
TREBLE
BASS
BALANCE
SMPX2
S-MODE1
POWER +5V
GND
GND
C2014 10 (25V)
D2021 DX0045BM
IC2001 1X1168CE
L2001 12μH (DF)
C2015 .47
R2045 560K
D2029 DX0045BM
R2026 5.6K
R2012 5.6K
R2023 27K
5V
D2010 DX0045BM
Q2009 2SC1815(GW)
R2010 10K
R2021 10K
R2011 10K
(PB)
D2046 DX0045BM
R2024 18K
D2044 DX0045BM
D2043 DX0045BM
R2034 220K
R2044 100K
Q301 2SC1815(GW)
R326 47K
C2031 .01 (ML)
R2035 82K
12V
R348 2.2K
D305 (5.6BZ) EX0137GE
C356 .01 (Z)
R365 10K
R346 100K
D404 DX0045BM
R349 2.2K
D407 DX0045BM
R347 100K
C303 3.3
C302 3.3
C405 .01(Z)
C406 10 (16V)
L405 3.3MHXF
C344 33 (16V)
R306 680
D302 EX0380BM
R336 100K
C211 .01 (Z)
C201 .01 (25V)
L206 12μH (DF)
(PA)
PIF/SIF UNIT DUNTK5760WE
(SA)
C343 33 (16V)
R305 680
D301 EX0380BM
R335 100K
IC401 M 51321P/-1
Q403 2SC1815(GW)
R371 820
R372 820
R2140 1K
Q2013 2SC1815(GW)
R2072 4.7K
Q2014 2SC1815(GW)
R2073 4.7K
C210 .01 (Z)
R2027 27K
Q2015 2SC1815(GW)
R2074
D2022 DX0045BM
S-CONTROL UNIT L202
L207 12μH (DF)
R202 27K
C205 1
C207 1000 (16V) (AGA)
R201 68
TP210
C204 .01 (25V)
IF
+B
B1
B2
B3
AGC
VT
BU
ENBL
C411 22 (1/2W)
C408 220 (16V) (AGA)
R410 100 (1/2W)
R409 100 (1/2W)
R406 100
R405 100
CF401 CO117CE
C407 4.7
C403 4.7
D405 EX0380BM
C304 .01 (16V)
C328 10 (16V)
D303 EX380BM
D306 EX0380BM
C349 .01 (Z)
C350 .01 (Z)
D309 EX0380BM

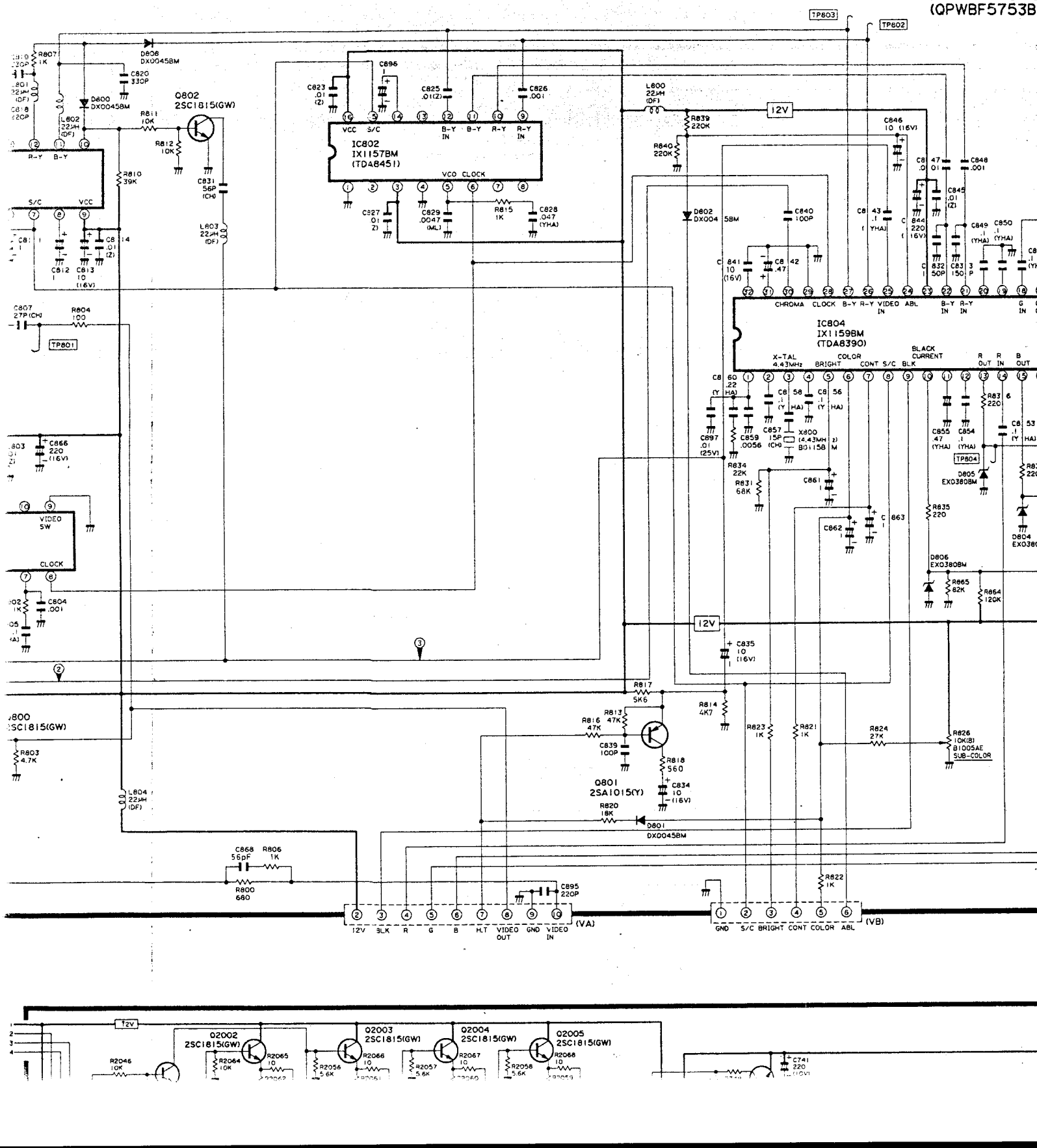

TELE TEXT
DUNTK5759WE
(TA)
(TB)
VIDEO/CHROMA UNIT
DUNTK5753WE
(VA)
(VB)
IC301
IX1183CE
(STK4147MK2)
IC1603
IX1184BM
(L7805CV)
IC2002
PST529
Q2001
2SC1815(GW)
Q0305
2SC1815(GW)
Q0304
2SC1815 (GW)
Q402
2SC1815(GW)
Q0301
2SC1815(GW)
Q404
2SC1815(GW)
Q307
2SC1815
(GW)
Q306
2SC1815
(GW)
Q605
2SC1815(GW)
0706
2SC1815(GW)
VSP1608PB068A
VSP1608PB068A
5V
12V


D2038
DX00458M
Q2010
2SA1015(Y)
Q2011
2SC1815(GW)
Q2007
2SC1815(GW)
IC2001
IX1168CE
Q2009
2SC1815(GW)
Q0301
2SC1815(GW)
Q0403
2SC1815(GW)
IC401
M51321P/-1
Q2013
2SC1815(GW)
Q2014
2SC1815(GW)
Q2015
2SC1815(GW)
(PA)
PIF/SIF UNIT
DUNTK5760WE
(SA)
S-CONTROL UNIT
DUNTK5754WE
(SB)
DUNTK5751WE
(QPWBF5751BMZZ)
IC201
IX0249CE
(EB)
TUNER
VTUVTSA1SPL//
5V
12V
13V


DUNTK5755WE
(QPWBF5755BMZZ)
DUNTK5751WE
(QPWBF5751BMZZ)
IC1601
UPC358C
Q1601
2SD1913S
IC1701
IX1152BM
(TEA2164)
Q701
2SD1546
IC602
IX1185BM
(L7812CV)
Q704
2SA1015(Y)
IC604
IX0249CE
IC605
IX0249CE
Q702
2SA562
Q703
2SC2236
Q705
2SC1815(GW)
STAND-BY +8
FORMA ORIZ.
H-SIZE
SIDEPIN
PIEDINO
LAT.
V-SIZE
FORMA VERT.


12V
5V
150V
IC602
IX11858M
(L7812CV)
IN
OUT
GND
R656
10
(2W)
R757
33K
Q704
2SA1015(Y)
R759
2.2K
R611
10K
R758
18K
(1/4W)
C733
330
(6.3V)
(AGA)
R729
4.7K
R731
10K
R730
1K
D736
DX00045BM
D720
DX00458M
D719
DX00458M
C732
150P
(500V)
R753
1.2K
R601
390
R602
12K
D601
DX00458M
D6
DX0045
12
8M
R631
80K
C605
.01(Z)
C606
10
(16V)
R603
4.7K
C601
1
C603
.1
(YHA)
C604
.0047
D735
DX00458M
R648
5.6K
R604
470
(1/2W)
H-CENT
CENTRO
ORIZ.
R632
15K
CF60
0040C
R606
220
R605
220
C637
10
(16V)
C608
180P
R607
1.8K
C607
.015
R608
120K
D613
DX004
58M
R633
8.2K
C609
22
(L)
C610
22
(YHA)
C6
.0
(M)
R609
33K(B)
M41686E
SAFETY IN
VIDEO IN
H-SYNC CAP.
VIDEO IDENT
50/60 IDENT
AV
PHASE CAMP.1
GND
KEY AGC
VCO IN
VCO OUT
VCO REF.
PHASE COMP.2
SOFT START
IC601
IX11538M .(TEA2029C)
FRAME SAW-TOOTH OUT
RAMP GEN.
GND
OUT
VCC
REG.
H-OUT
S/C
H-IN
H SAWTOOTH REF.
AMP(+)
AMP(-)
R515
10K
R514
3.3K
R516
2.2K
(1/4W)
(RU)
R520
4.7
C508
.1
(YHA)
R513
180K
R522
18K
C506
.1
(YHA)
R523
180K
R525
15K
R521
330K(B)
M41746E
LINEALITY
LINEARTA
R733
330
C614
100
(16V)
(AGA)
C638
.022
(M.)
C612
.0033
R612
3.3K
R614
1K
C613
.47
(YHA)
R634
15K
C639
.1
(YHA)
R615
390
R613
22K
R501
10K
C502
.015
(M.)
D611
DX00458M
D307
DX00458M
IC501
IX11638M
(TDA8170)
INV IN
SUPPLY VOLTAGE
FLYBACK GEN
GND
OUT
OUTPUT STAGE SUPPLY
REF.
C636
320
(AGA)
R507
(1/2W)
R506
330(B)
M41566E
V-SIZE
FORMA
VERT.
R510
5
(1/2W)
R509
180
R512
100K
R503
68K
R504
82K
C504
2200
(35V)
(AGA)
C503
.015
(M.)
R506
330K
R505
270K
C507
1000
(35V)
(AGA)
C505
100
(35V)
(AGA)
D501
DX0110CE
R502
2.2
(1/2W)
X20027CE
C501
.22
(YHA)
R655
.47
(1W)
(N)
C635
.001
(500V)
D610
DX0156TA
0601
2SC2271
R816
1K
C616
120P
(500V)
C615
.001
(500V)
R618
4.7K
(1/2W)
FB601
BLN0010CE
C619
.001
(2KV)
KZ0024CE
C618
.01
(Z)
R619
22
(1/2W)
FB602
BLN0010CE
T601
TRNZ0059CE
C617
.1
(200V)
R617
6.8K
(5W)
0602
2SD1546
C631
.47
(200V)
(MP)
C642
270P
(500V)
R629
1.2K
(1/2W)
R626
39
(1/2W)
L604
3.3μH
P0088CE
R635
39
(1/2W)
L602
Z0599
D609
DX00458M
R652
680
IC604
IX0249CE
L603
P0104CE
R623
10
(10W)
D602
DX0299BM
(BY228)
D603
DX0301BM
(6Y299)
C620
.0091
FZ0059CE
C621
.027
(400V)
C632
.47
(200V)
(MP)
L605
P0105CE
C509
.047
(100V)
(MP)
R517
330
(1W)
R518
330
(3W)
S501
B00I5CE
V-CENTER
T602
FIT83BM
HV
FOCUS
SCREEN
HEATER
R627
47K
D606
DX0073CE
R647
1
(1/2W)
C624
.001
(500V)
C623
10
(250V)
EZ0131TA
C626
.001
(500V)
D607
DX0127CE
C627
100
(35V)
(AGA)
R651
1.2K
R650
3.3K
R646
68K
R657
2.2
(1/2W)
X20027CE
C625
.47
(200V)
TP602
TP601
C628
.022
(M.)
R625
1K
(1/2W)
R417
1K
D608
DX0226CE
C630
470
(10V)
(AGA)
R628
1
(1/2W)
R624
.22
(1/2W)
(N)
C629
.001
C634
.47
(200V)
C622
.47
(35V)
R621
10K
D605
DX0110CE
D604
EX0051CE
R620
1K
R622
39
(1/2W)
R653
470
D406
DX00458M
C625
.47
(200V)
75V
V30
8V
4.5
R331
10K
R2046
10K
D2050
DX00458M
IC603
IX1184BM
(L7805CV)
R654
4.7K
C643
10
(16V)
0605
2SC1E
IC30
IX118
(STK-
(L.2)

DUNTK5753WE
(QPWBF5753B



When servicing this area, connect an isolating transformer between TV receiver and AC line to eliminate hazard of electric shock.

PRECAUZIONI PER LE RIPARAZIONI:

L'area compresa da questa linea (- - -) è collegata direttamente alla tensione c.a. d'alimentazione. Effettuando riparazioni nell'area, collegare un transformatore isolatore tra il ricevitore TV e la linea di corrente per evitare pericoli di scosse elettriche.

Parts marked with " ⚠ " ( ) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Le parti contrassegnate dal marchio " ⚠ " ( ) sono importanti riguardo alla sicurezza. Per i ricambi usare soltanto quelli perescritti per radioni di sicurezza e per garantire le prestazioni normali del televisore.

NOTE:

1. *All resistors are 1/8 W, unless otherwise noted.*
2. *All capacitors are 50 volts, unless otherwise noted.*
3. *All diodes are DX0045BM, unless otherwise noted.*

NOTE:

1. *Tutte le resistenze sono di 1/8w, salvo indicazione contraria.*
2. *Tutte le condensatori sono di 50volt, salvo indicazione contraria.*
3. *Tutte le diodi sono di DX0045BM, salvo indicazione contraria.*

