SERVICE REF. NO. CTP 7375-00
CHASSIS SERIES 83S-C21

SANYO

Q740	
	Volt.
B	5V
C	0.5V
E	5V

Q701	
	Volt.
B	12.8V
C	52V
E	12V

Q702	
	Volt.
B	5.5V
C	14.5V
E	5V

Q790	
	Volt.
B	0.8V
C	0V
E	–

Q785	
	Volt.
B	0.4V
C	6V
E	–

Q780	
	Volt.
B	0.5V
C	1.6V
E	–

Q781	
	Volt.
B	4.5V
C	12V
E	4.5V

Q742	
	Volt.
B	0.5V
C	0.5V
E	0.5V

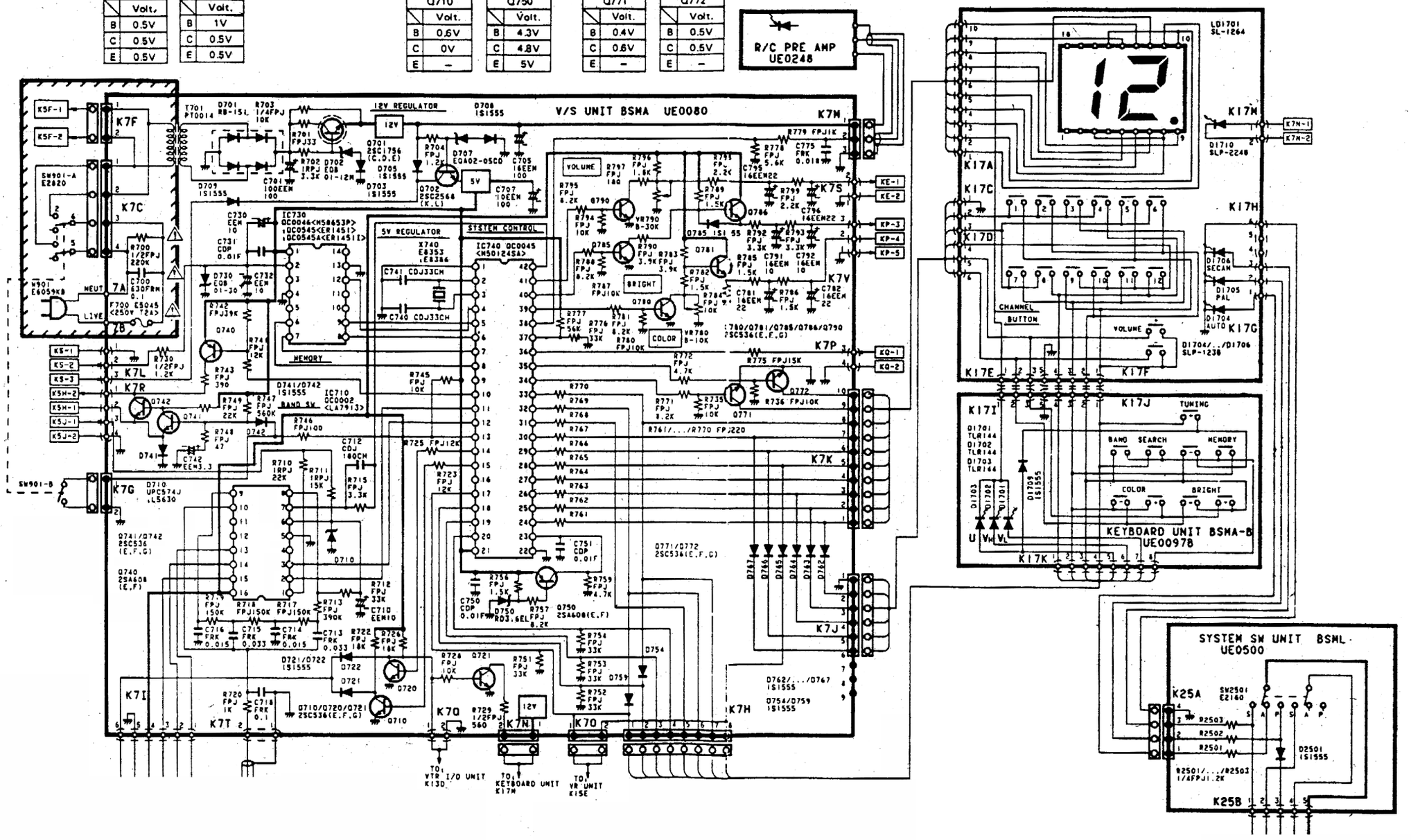
Q741	
	Volt.
B	1V
C	0.5V
E	0.5V

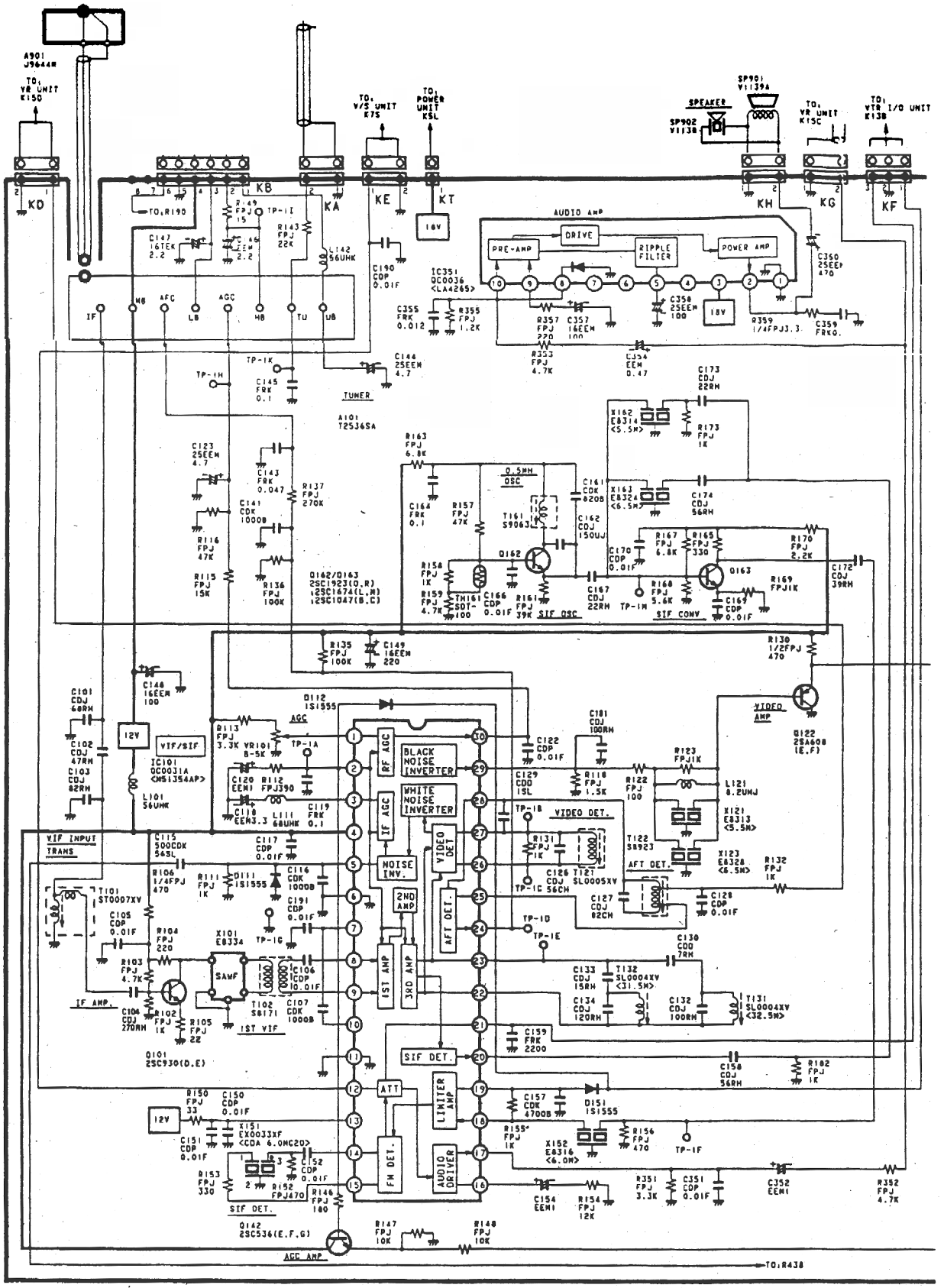
Q710	
	Volt.
B	0.6V
C	0V
E	–

Q750	
	Volt.
B	4.3V
C	4.8V
E	5V

Q771	
	Volt.
B	0.4V
C	0.6V
E	–

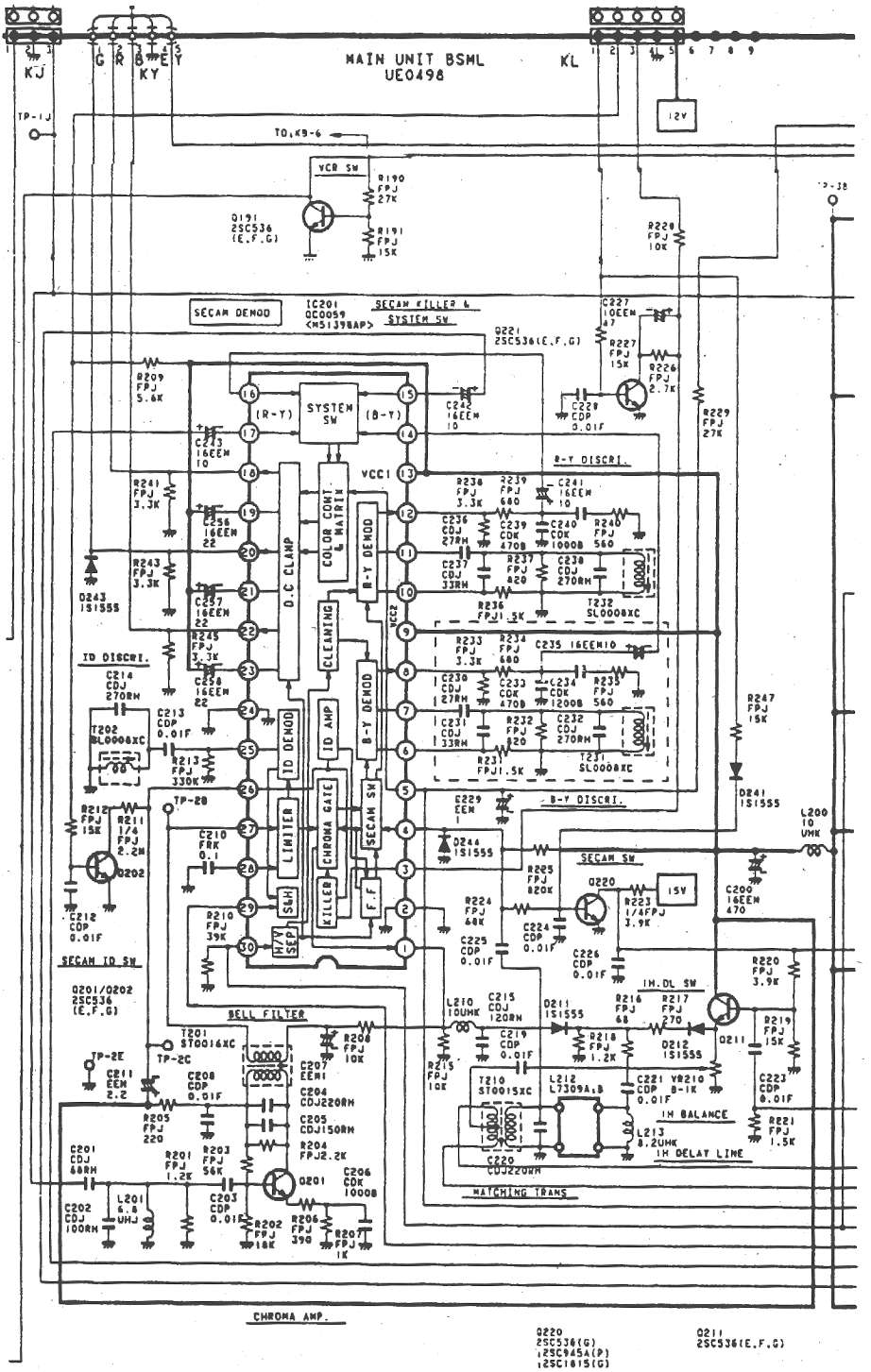
Q772	
	Volt.
B	0.5V
C	0.5V
E	–





TP1J

2Vp-p Horiz.



Q202	
	Volt.
B	6.6V(A)
C	0V
E	–

Q201			
	Volt.	Waveform	Waveform
B	2.5V		
C	11.5V	3.2Vp-p Horiz. (PAL)	1.6Vp-p Horiz. (SECAM)
E	1.6V		

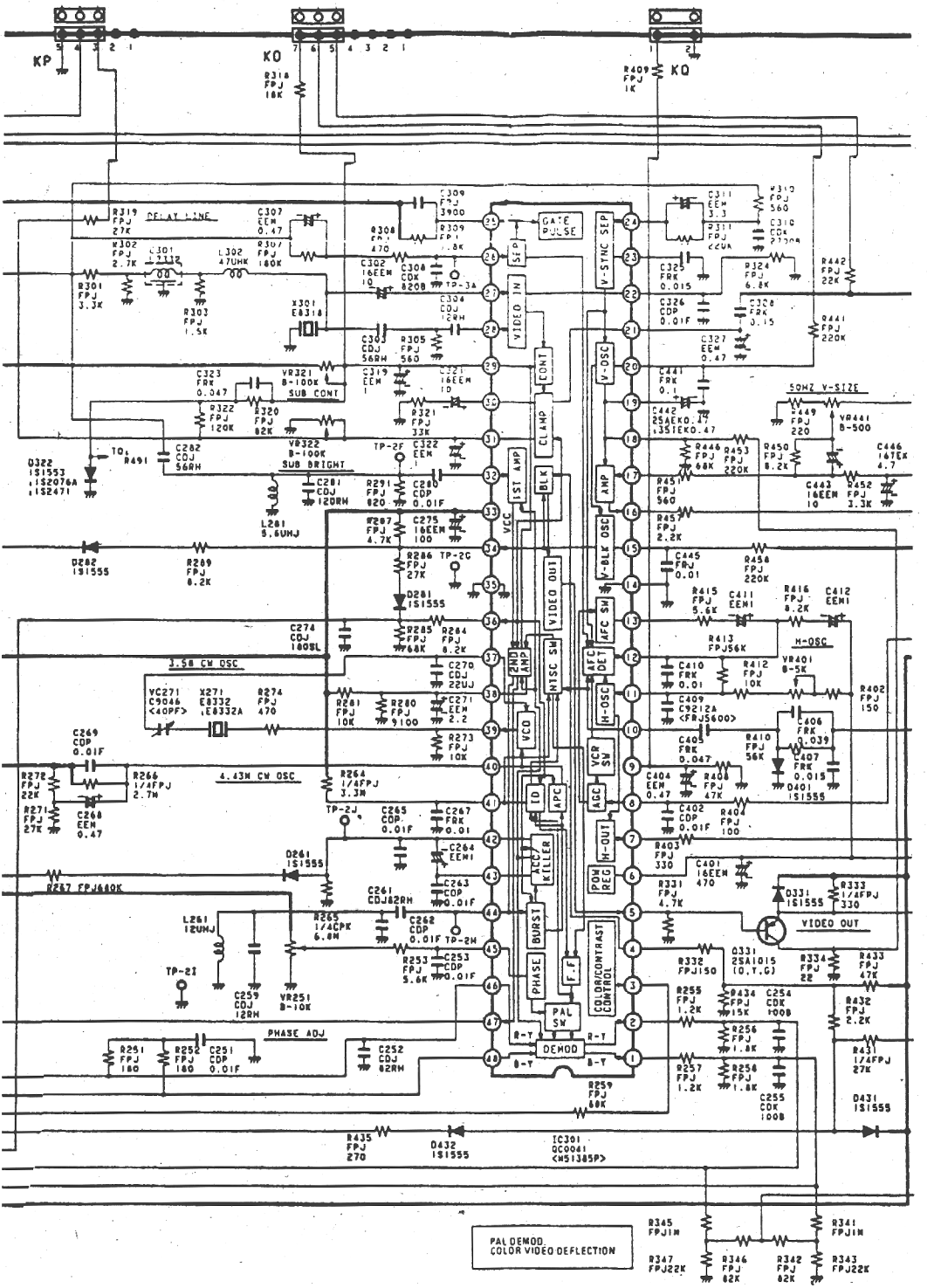
Q191	
	Volt.
B	0V
C	4V
E	–

Q221	
	Volt.
B	0V
C	0V
E	–

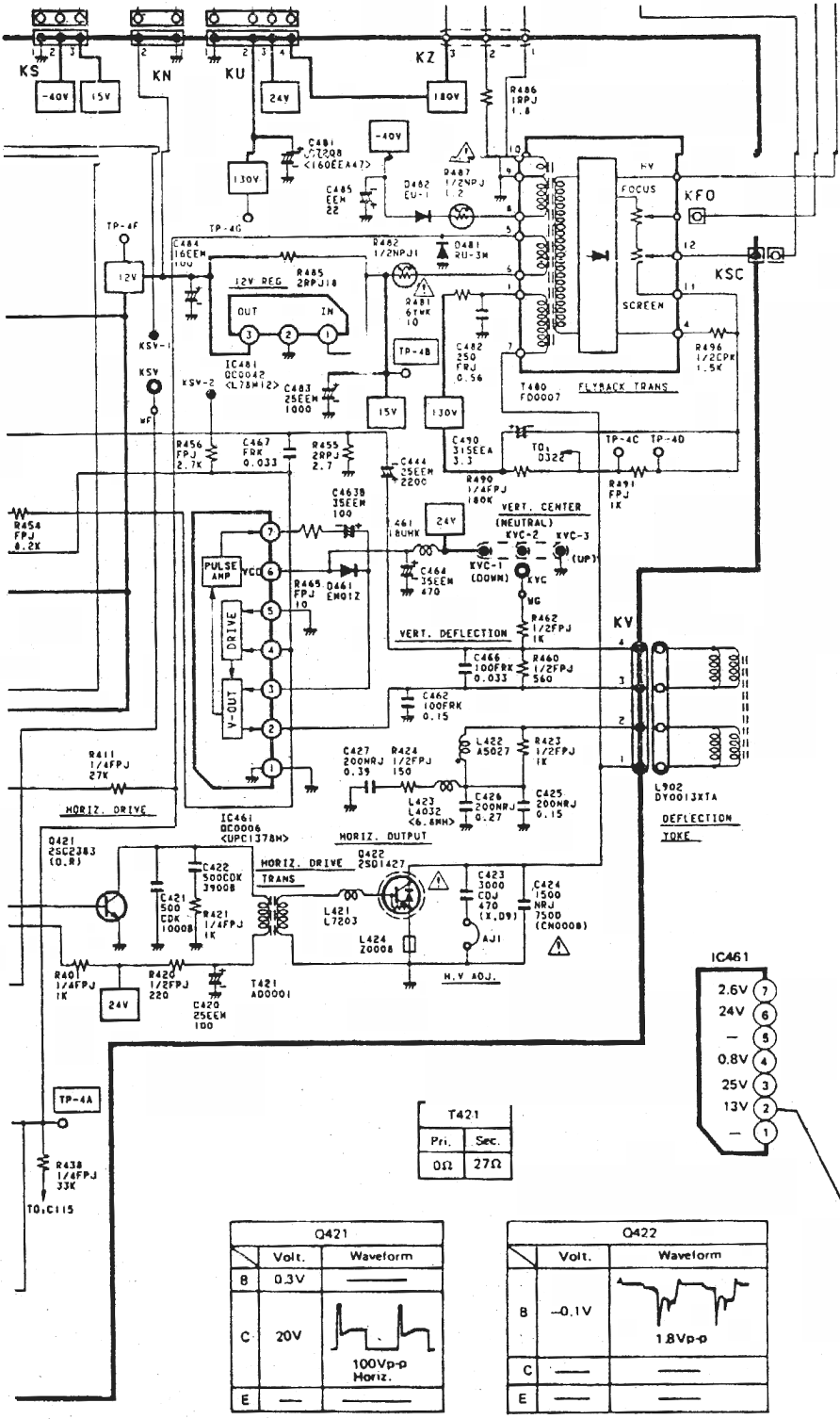
Q220	
	Volt.
B	0.65V(S)
C	0.15V(S)
E	–

Q211	
	Volt.
B	3.1
C	12V
E	2.5V

IC351	PIN	1	2	3	4	5	6	7	8	9	10
	Volt.	–	10V	19.5V	0V	19.5V	10V	0.5V	0V	0.5V	0V



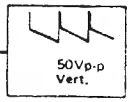
Q331	
	Volt.
B	6.3V
C	0.5V
E	6.8V



T480	
PIN	Ω
8 – 10	0Ω
5 – 6	0Ω
1 – 7	0.8Ω

L902	
PIN	Ω
1 – 2	2.13Ω
3 – 4	8.64Ω

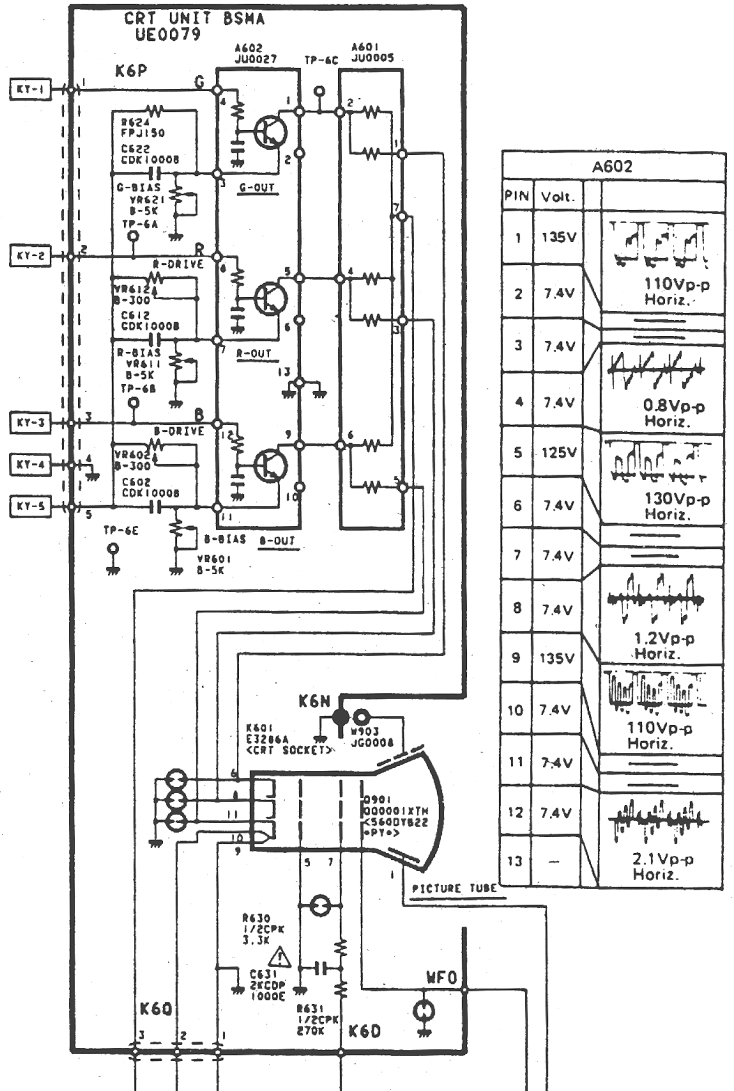
IC461



T421	
Pri.	Sec.
0Ω	27Ω

Q421		
	Volt.	Waveform
B	0.3V	
C	20V	100Vp-p Horiz.
E	—	

Q422		
	Volt.	Waveform
B	–0.1V	1.8Vp-p
C	—	—
E	—	—



A602		
PIN	Volt.	
1	135V	
2	7.4V	110Vp-p Horiz.
3	7.4V	
4	7.4V	0.8Vp-p Horiz.
5	125V	
6	7.4V	130Vp-p Horiz.
7	7.4V	
8	7.4V	1.2Vp-p Horiz.
9	135V	
10	7.4V	110Vp-p Horiz.
11	7.4V	
12	7.4V	2.1Vp-p Horiz.
13	—	

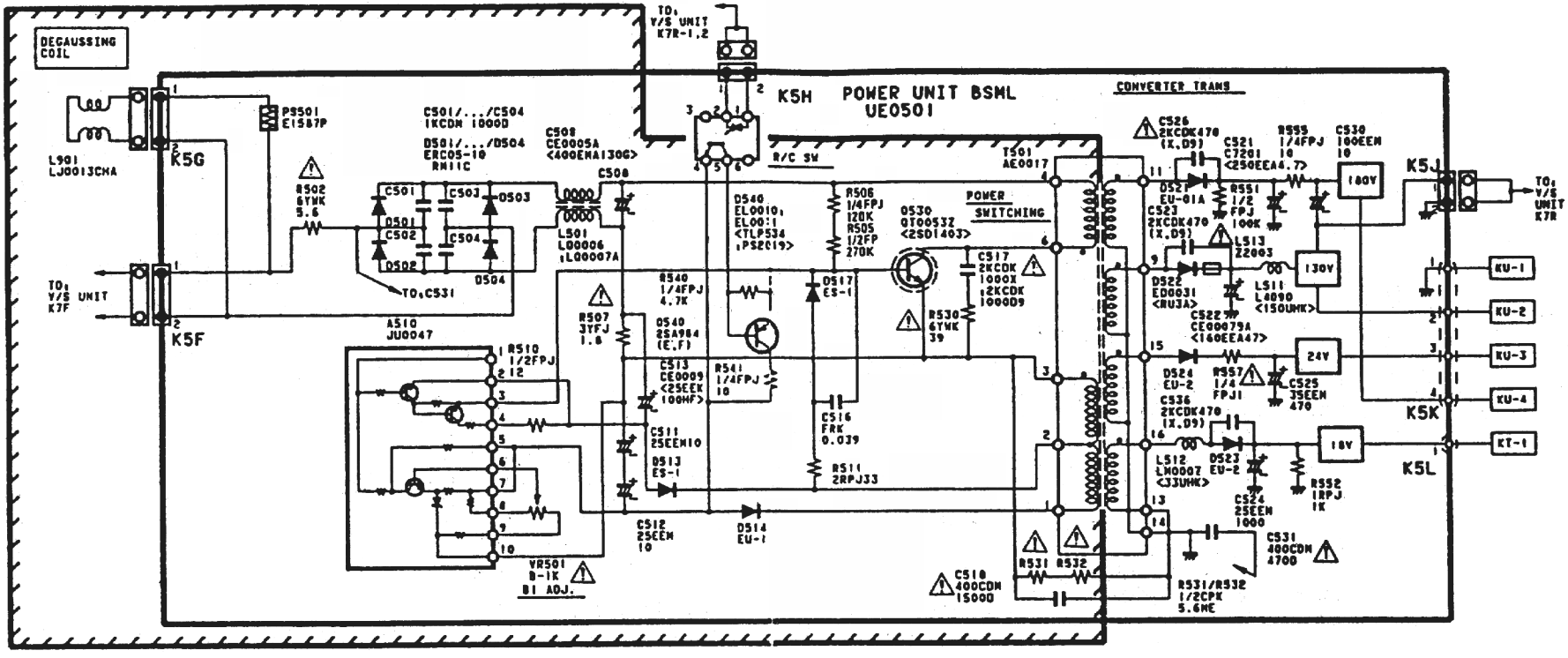
Q101	
	Volt.
B	1V
C	3.4V
E	0.2V

Q162	
	Volt.
B	0V
C	0V
E	0V

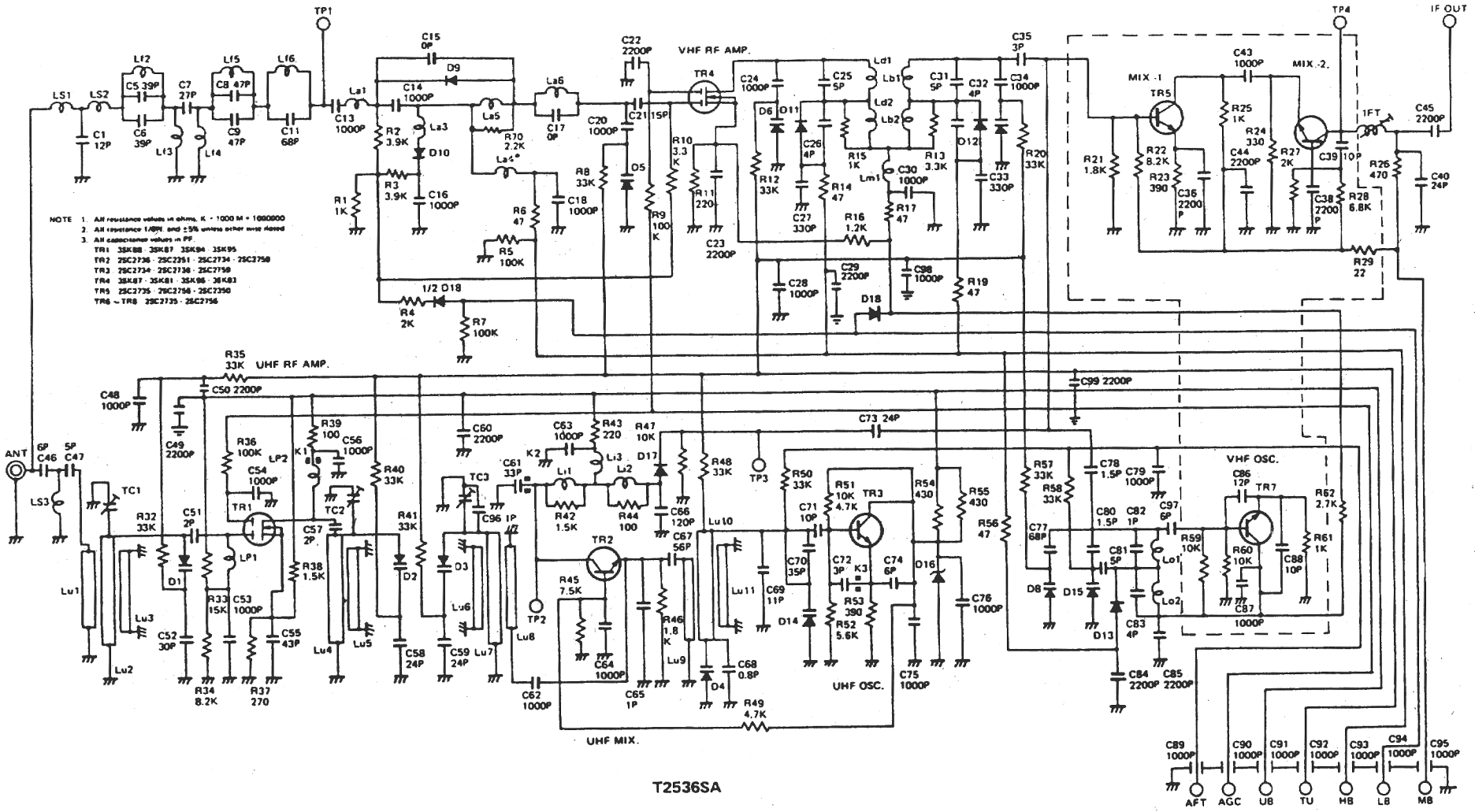
Q163	
	Volt.
B	3.5V
C	8V
E	2.8V

Q142	
	Volt.
B	4.5V
C	12V
E	4V

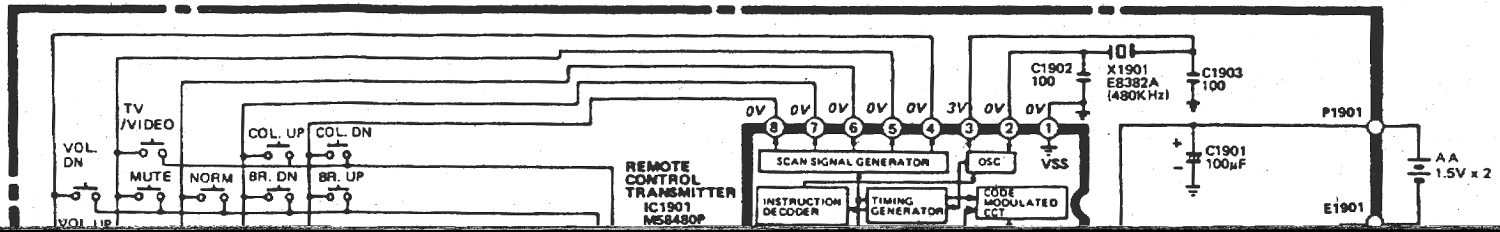
Q122	
	Volt.
B	4V
C	—
E	4.2V

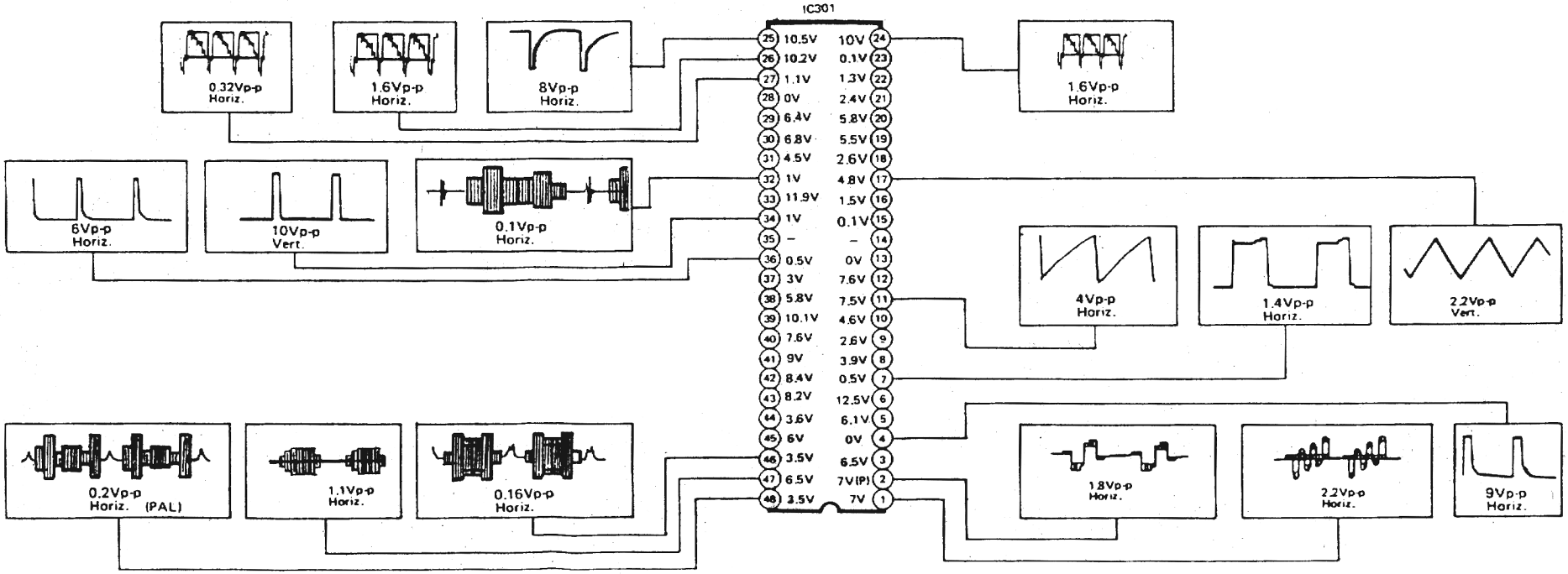

DEGAUSSING COIL
TO; V/S UNIT K7R-1,2
K5H
POWER UNIT BSML
UE0501
CONVERTER TRANS
L901 LJ0013CHA
K5G
PS501 E1587P
CS01/.../CS04 1KCDN 1000D
DS01/.../DS04 ERC05-10 RM11C
CS08 CE0005A <400EMA130G>
R/C SW
TS01 AE0017
CS26 2KCDK470 (X,D9)
CS21 C7201 <250EEA4.7>
RS55 1/4FPJ 10
CS30 100EEM 10
180V
K5J
TO; V/S UNIT K7R
TO; V/S UNIT K7F
K5F
RS02 6YWK 5.6
TO; CS31
AS10 JU0047
DS40 EL0010; EL0011 <TLP534 ;PSE019>
R506 1/4FPJ 120K
RS05 1/2FP 270K
POWER SWITCHING
QS30 QT0053Z <2SD1403>
DS27 EU-01A
CS23 2KCDK470 (X,D9)
RS51 1/2 FPJ 100K
LS13 Z2003
130V
DS22 ED0031 <RU3A>
LS11 L4090 <150UMK>
CS22 CE00079A <160EEA47>
K5K
DS17 ES-1
CS17 2KCDK 1000X ;2KCDK 1000D9
R507 3YFJ 1.8
R540 1/4FPJ 4.7K
DS40 2SA984 (E,F)
R541 1/4FPJ 10
CS13 CE0009 <25EEK 100MF>
R530 6YWK 39
DS24 EU-2
RS57 1/4 FPJ1
CS25 35EEM 470
24V
CS36 2KCDK470 (X,D9)
K5L
CS16 FRK 0.039
RS10 1/2FPJ 2.2K
CS11 25EEM10
DS13 ES-1
RS11 2RPJ33
LS12 LN0007 <33UMK>
DS23 EU-2
RS52 1RPJ 1K
18V
CS24 25EEM 1000
CS12 25EEM 10
DS14 EU-1
VR501 B-1K B1 ADJ.
CS31 400CDM 4700
CS10 400CDM 15000
RS31 RS32
RS31/RS32 1/2CPK 5.6ME
KU-1
KU-2
KU-3
KU-4
KT-1

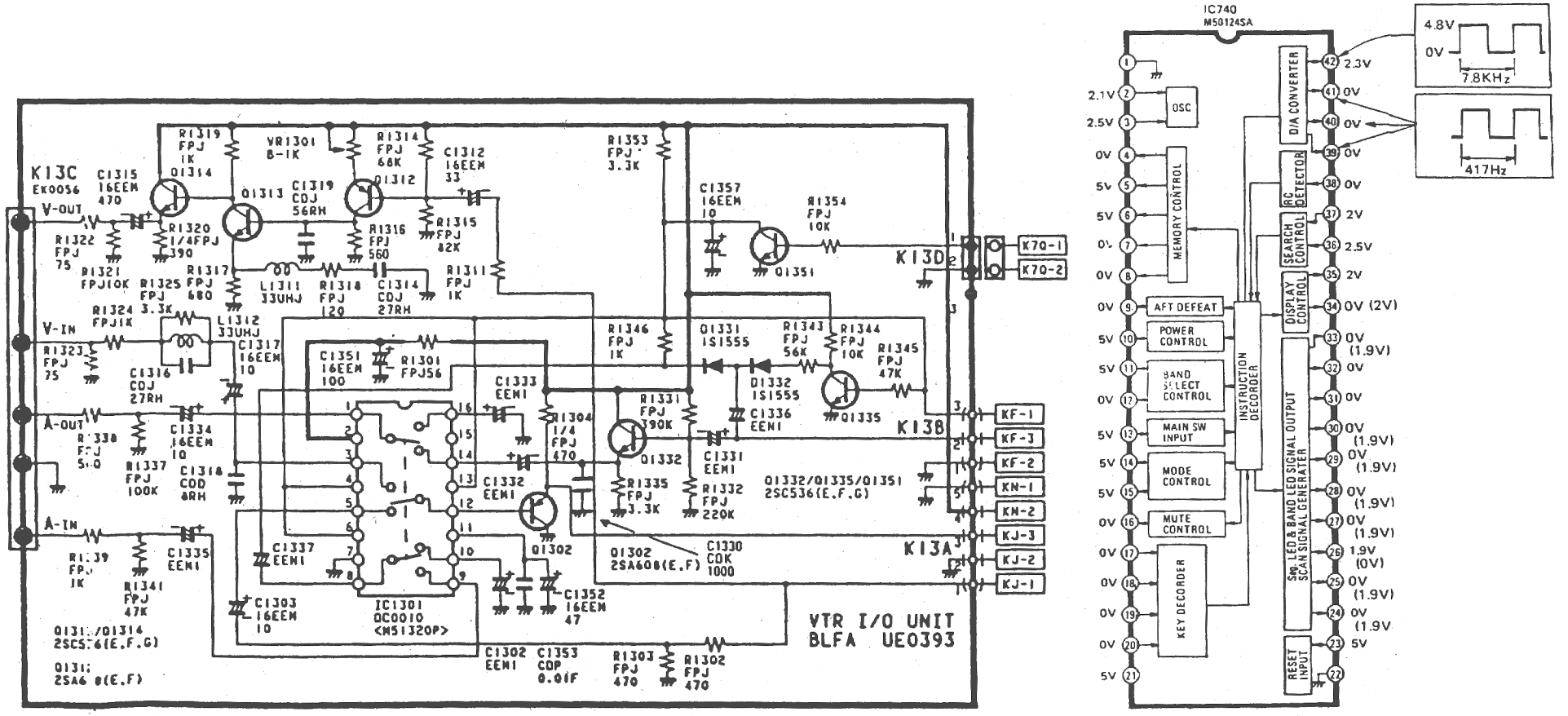
TUNER CIRCUIT DIAGRAM



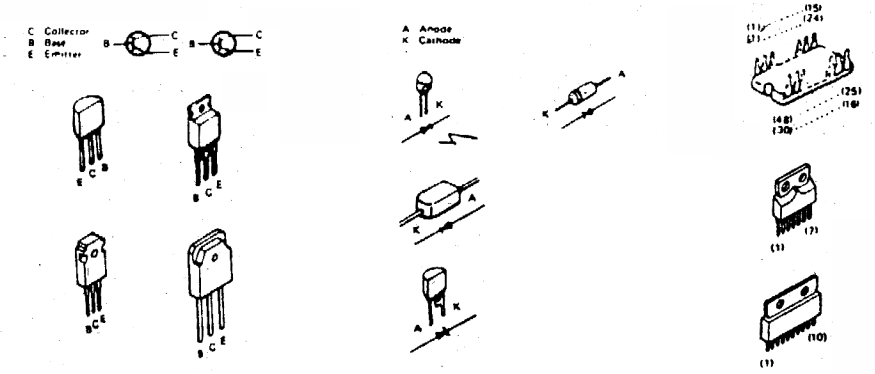
T2536SA


TV
/VIDEO
VOL.
DN
VOL. UP
MUTE
NORM
COL. UP
COL. DN
BR. DN
BR. UP
REMOTE
CONTROL
TRANSMITTER
IC1901
M58480P
0V
0V
0V
0V
0V
3V
0V
0V
8
7
6
5
4
3
2
1
SCAN SIGNAL GENERATOR
OSC
VSS
INSTRUCTION
DECODER
TIMING
GENERATOR
CODE
MODULATED
CCT
C1902
100
X1901
E8382A
(480KHz)
C1903
100
C1901
100μF
P1901
E1901
AA
1.5V x 2

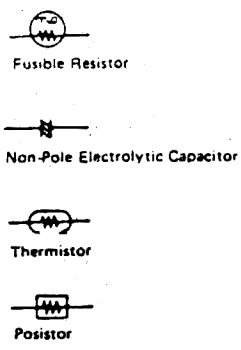

IC301
0.32Vp-p Horiz.
1.6Vp-p Horiz.
8Vp-p Horiz.
6Vp-p Horiz.
10Vp-p Vert.
0.1Vp-p Horiz.
0.2Vp-p Horiz. (PAL)
1.1Vp-p Horiz.
0.16Vp-p Horiz.
1.6Vp-p Horiz.
4Vp-p Horiz.
1.4Vp-p Horiz.
2.2Vp-p Vert.
1.8Vp-p Horiz.
2.2Vp-p Horiz.
9Vp-p Horiz.
25 10.5V
26 10.2V
27 1.1V
28 0V
29 6.4V
30 6.8V
31 4.5V
32 1V
33 11.9V
34 1V
35 –
36 0.5V
37 3V
38 5.8V
39 10.1V
40 7.6V
41 9V
42 8.4V
43 8.2V
44 3.6V
45 6V
46 3.5V
47 6.5V
48 3.5V
10V 24
0.1V 23
1.3V 22
2.4V 21
5.8V 20
5.5V 19
2.6V 18
4.8V 17
1.5V 16
0.1V 15
– 14
0V 13
7.6V 12
7.5V 11
4.6V 10
2.6V 9
3.9V 8
0.5V 7
12.5V 6
6.1V 5
0V 4
6.5V 3
7V(P) 2
7V 1

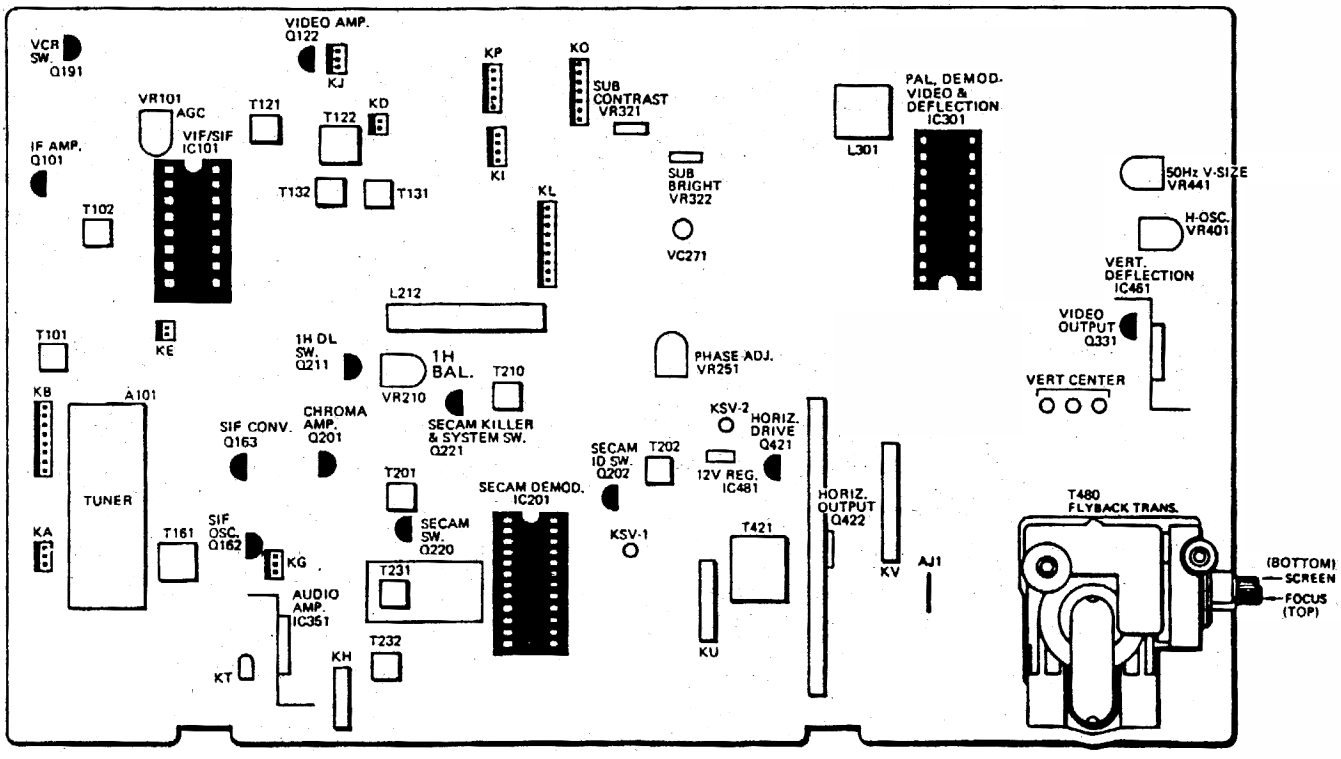

K13C
EK0056
V-OUT
V-IN
A-OUT
A-IN
K13D
K13B
K13A
K7Q-1
K7Q-2
KF-1
KF-3
KF-2
KN-1
KN-2
KJ-3
KJ-2
KJ-1
IC1301
0C0010
<M51320P>
Q1312
Q1313
Q1314
Q1351
Q1335
Q1332
Q1302
Q1331/Q1314
2SC536(E,F,G)
Q1331
2SA608(E,F)
Q1332/Q1335/Q1351
2SC536(E,F,G)
VTR I/O UNIT
BLFA UE0393
IC740
M50124SA
OSC
MEMORY CONTROL
AFT DEFEAT
POWER CONTROL
BAND SELECT CONTROL
MAIN SW INPUT
MODE CONTROL
MUTE CONTROL
KEY DECODER
INSTRUCTION DECODER
D/A CONVERTER
AC DETECTOR
SEARCH CONTROL
DISPLAY CONTROL
Sep. LED & BAND LED SIGNAL OUTPUT
SCAN SIGNAL GENERATER
RESET INPUT
4.8V
0V
7.8KHz
417Hz
2.1V
2.5V
2.3V
1.9V (0V)
5V

TRANSISTOR, DIODE & INTEGRATED CIRCUIT TERMINAL GUIDE



PARTICULAR PARTS SYMBOL



COMPONENT LOCATION

MAIN UNIT