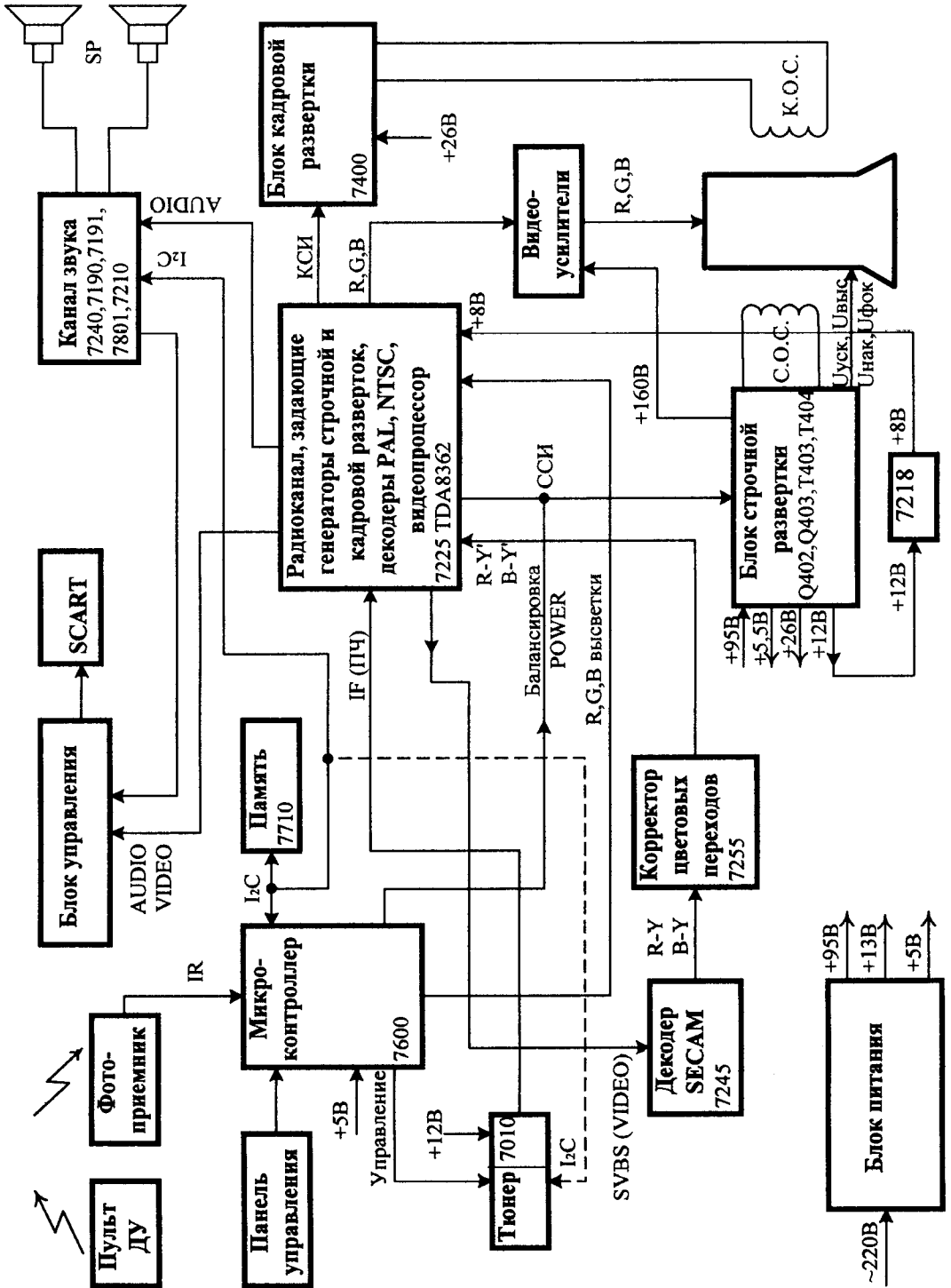
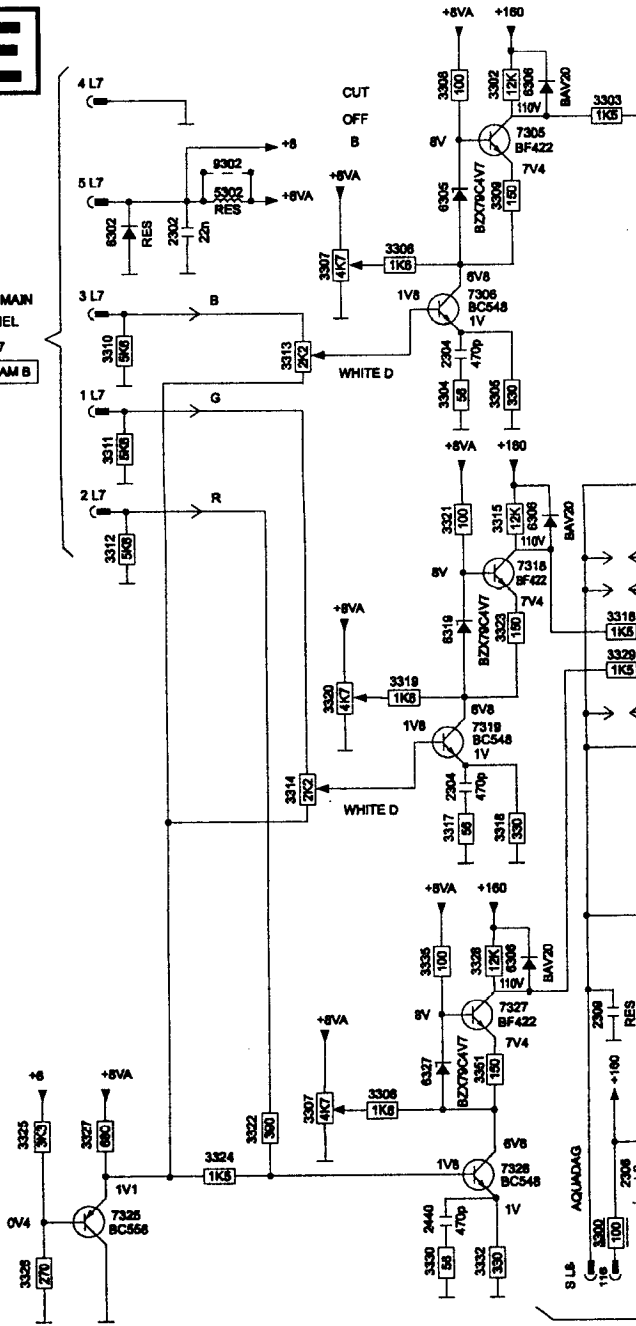
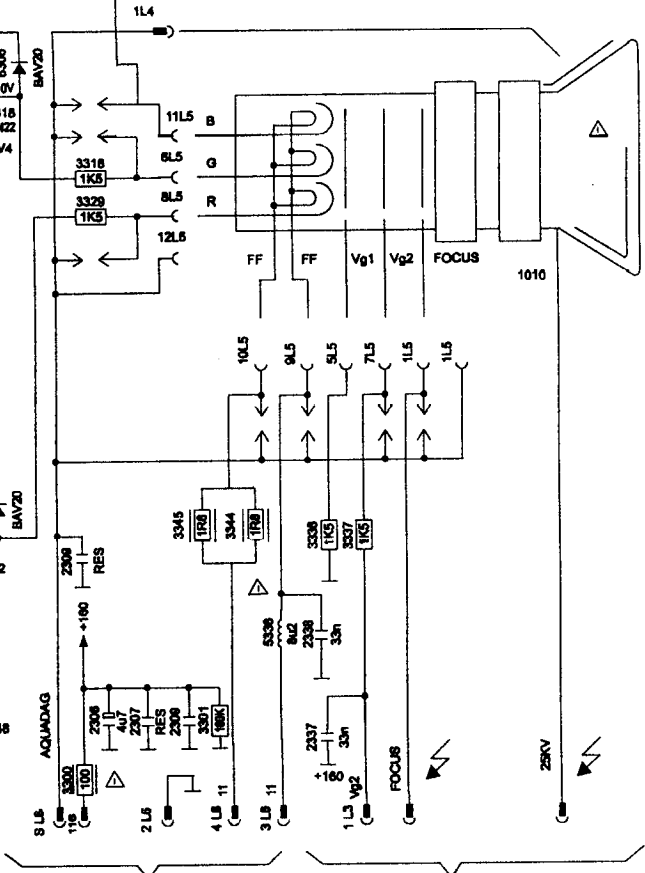
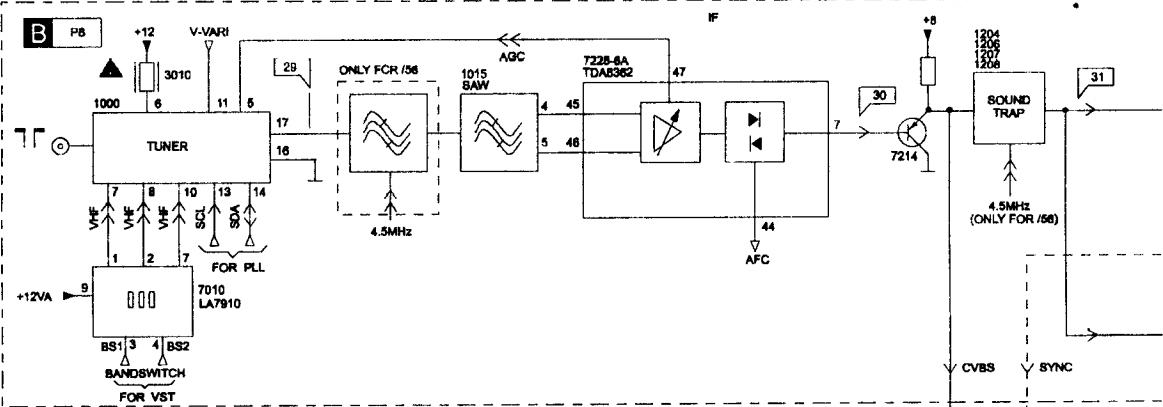


Структурная схема.

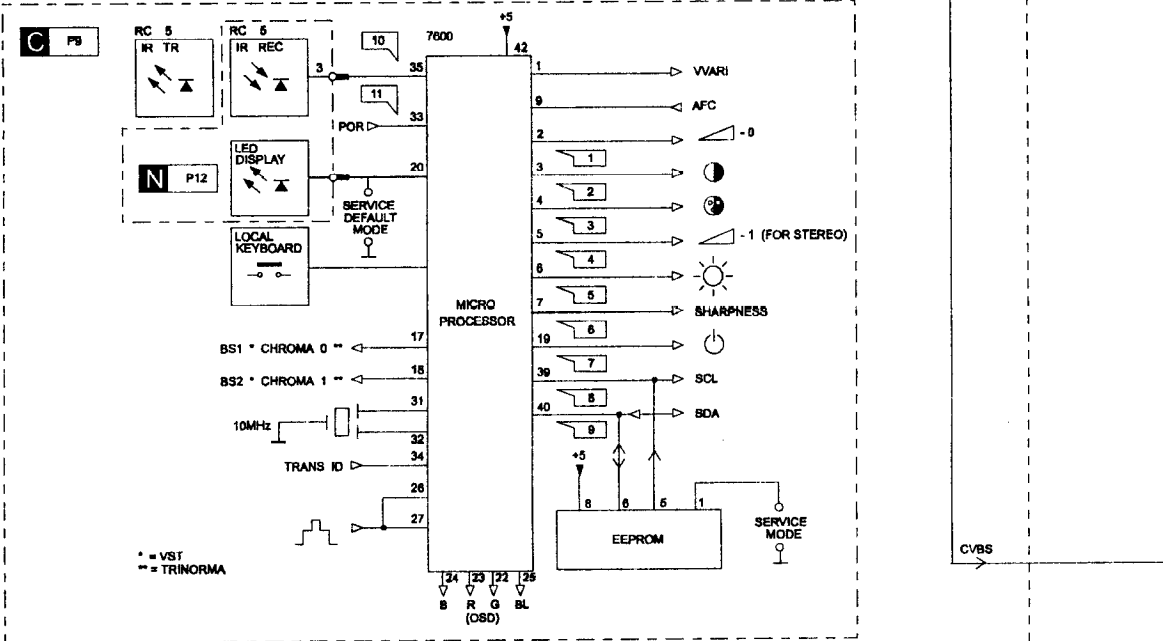


EFROM MAIN
PANEL
M7
DIAGRAM BFROM MAIN
PANEL
M6
DIAGRAM A3122.227.15430 MINI-NECK
3122.227.15700 NARROW-NECKFROM MAIN
PANEL
(LDI)
DIAGRAM A

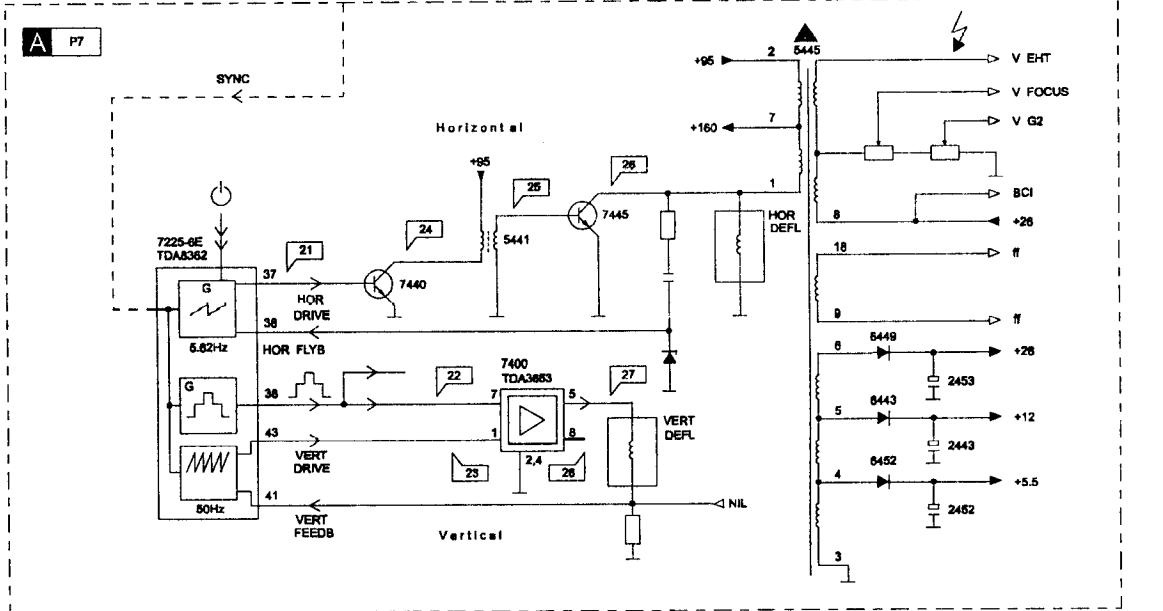
VIDEO

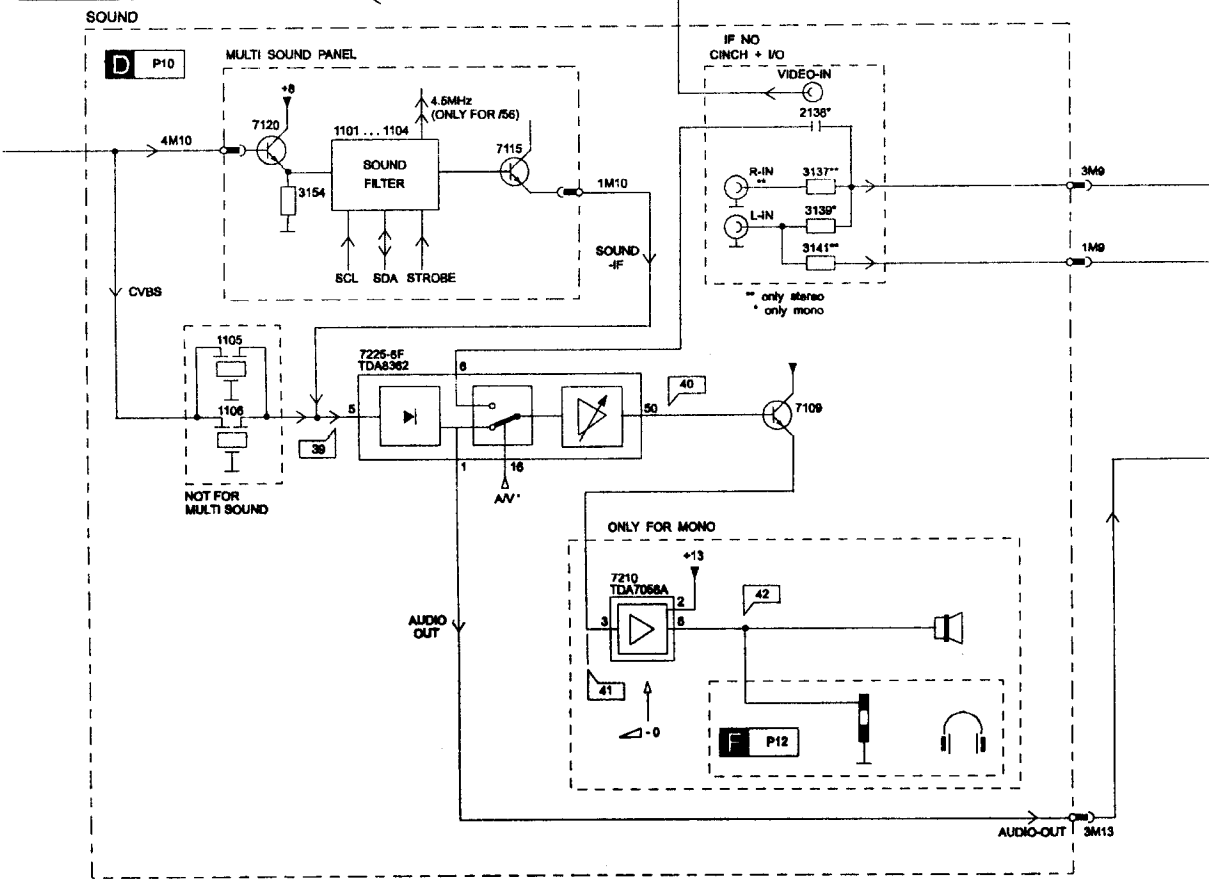
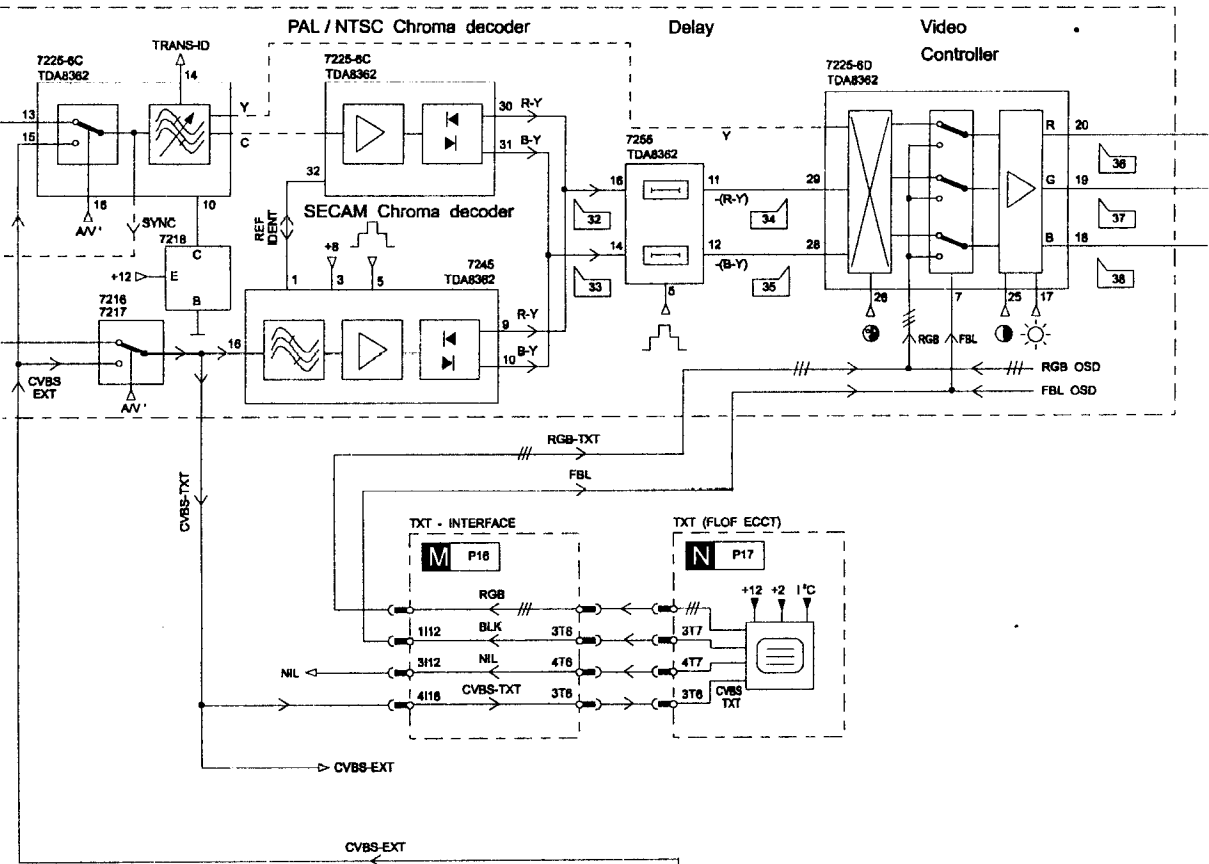


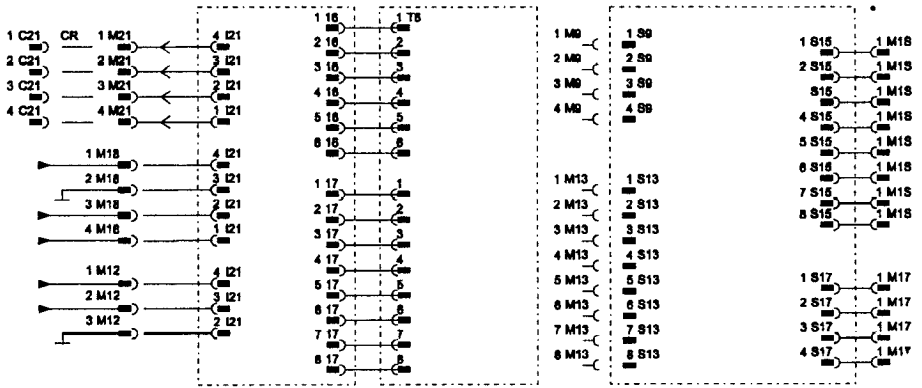
CONTROL



SYNC & DEFLECTION

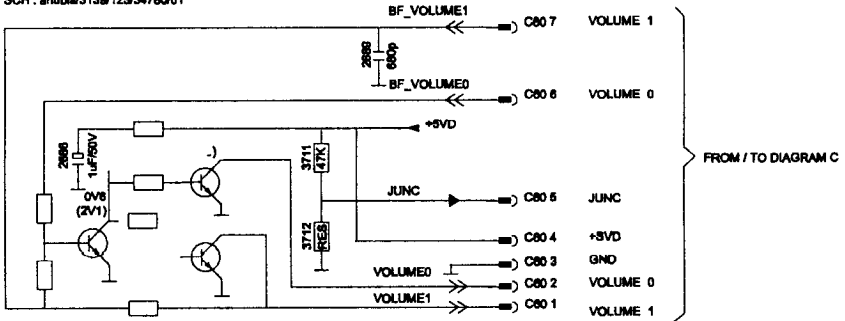






VOLUME CONTROL PANEL

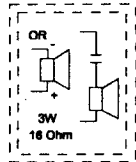
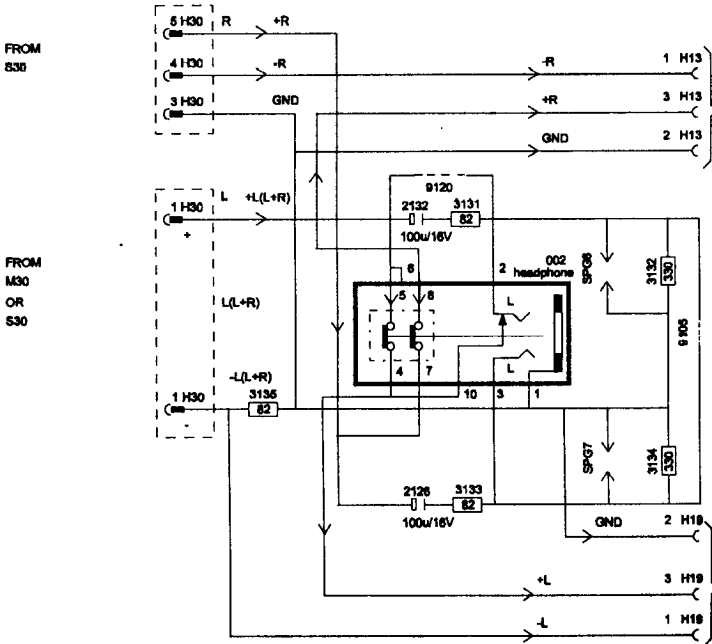
SCH : anubia/3139/123/34780/01



.V. = SOUND
(.V.) = MUTE

HEADPHONE PANEL

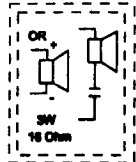
SCH : anubia/3139/123/34780/01



STEREO (R)

INTERNAL LOUDSPEAKERS

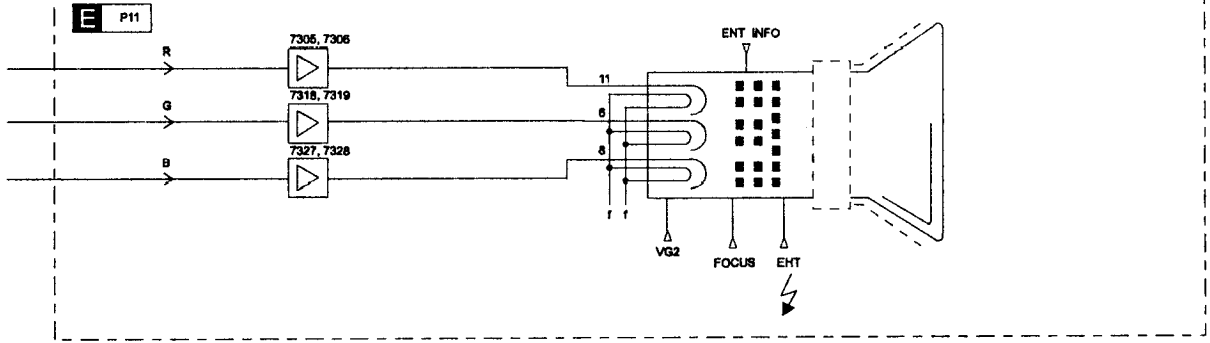
	MONO	STEREO
2125	-	100u/16V
2126	-	100u/16V
3131	-	82
3132	66	330
3133	-	82
3134	-	330
3136	82	-
9105	JMP	-
9110	JMP	-
X13	-	WTB
X14	WTB	WTB



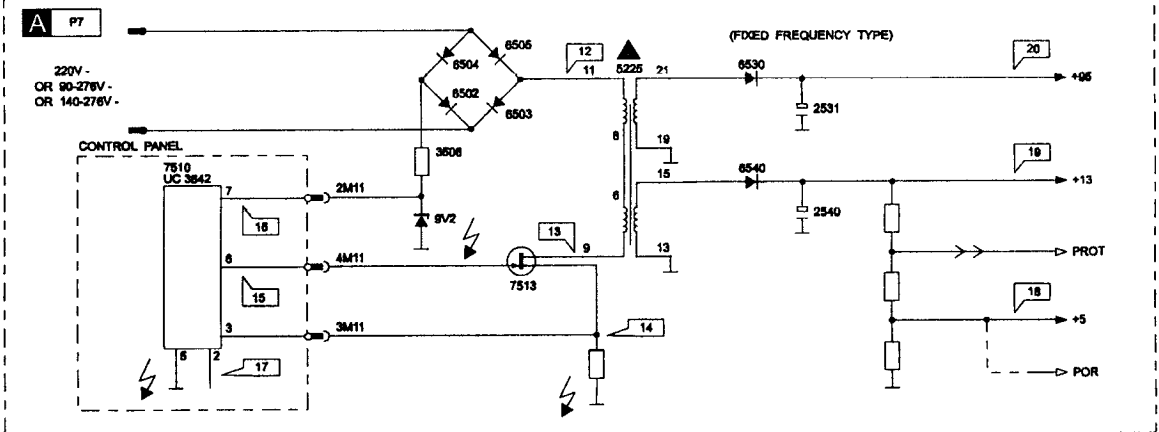
MONO (L+R)
STEREO (L)

INTERNAL LOUDSPEAKERS

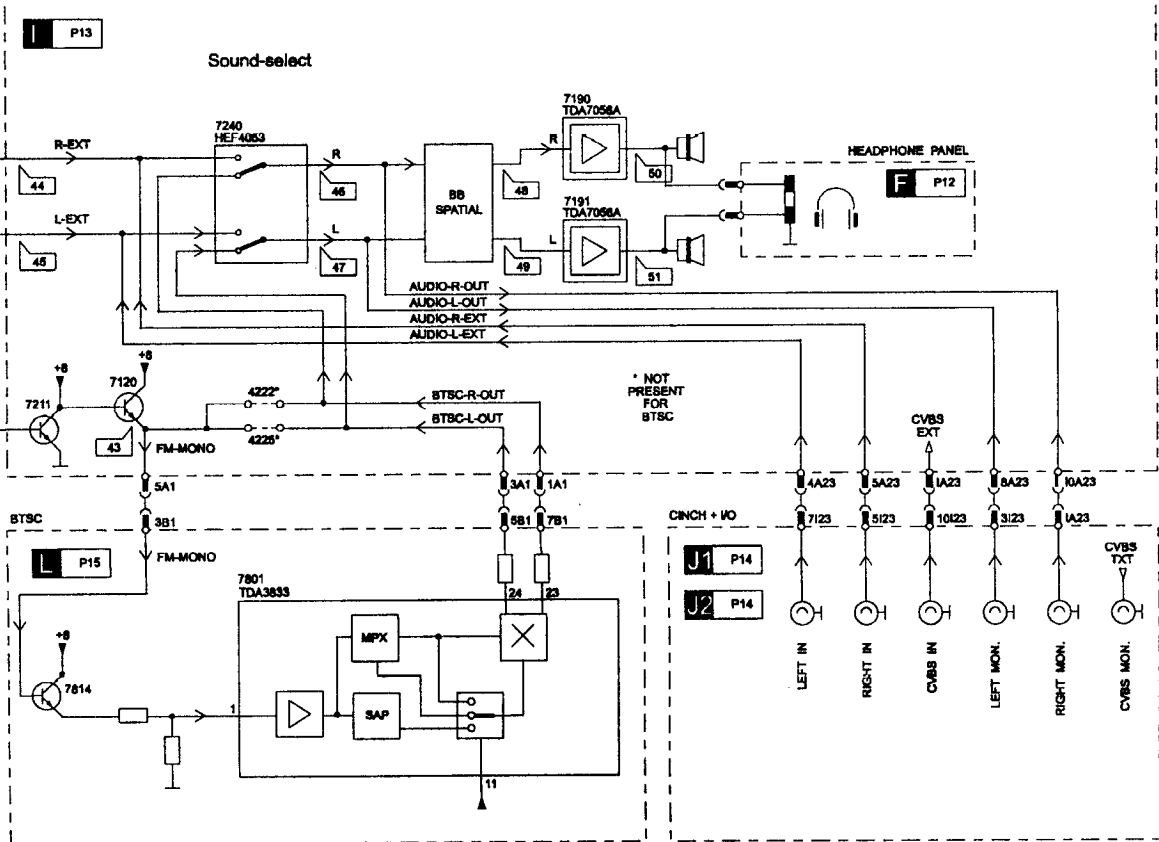
CRT



POWER SUPPLY



INTERFACE + AMPLIFIER

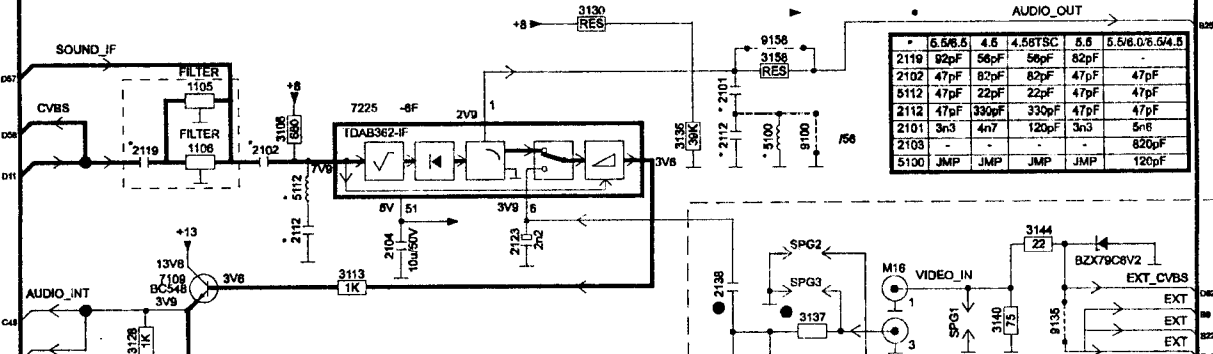
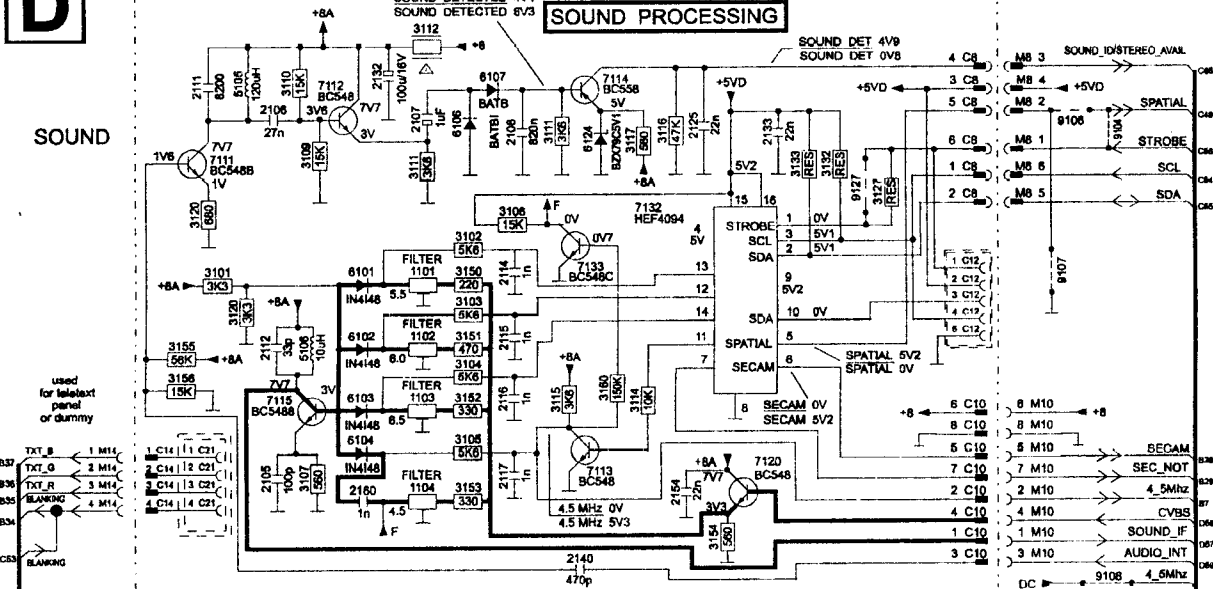


D

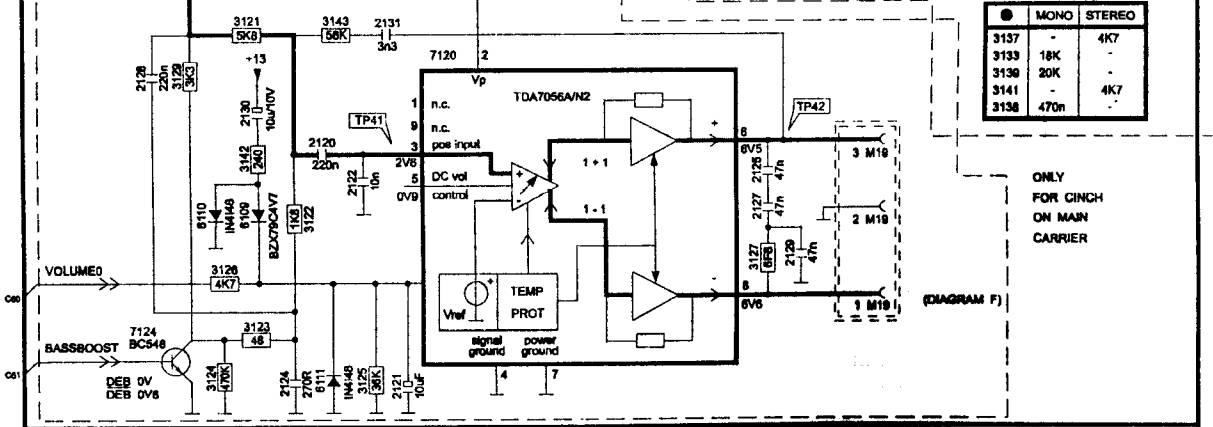
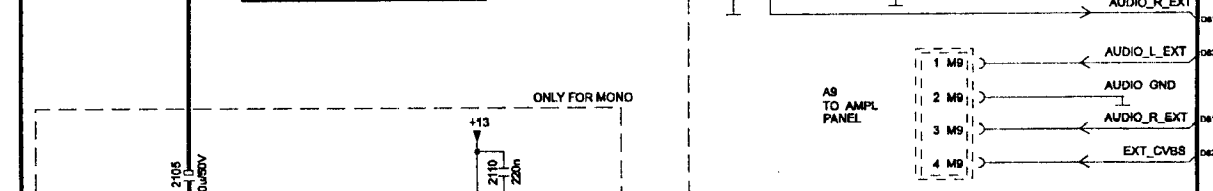
MULTISOUND PANEL

SCH: anublr/3122/223/31910/1

SOUND PROCESSING



SOUND PROCESSING

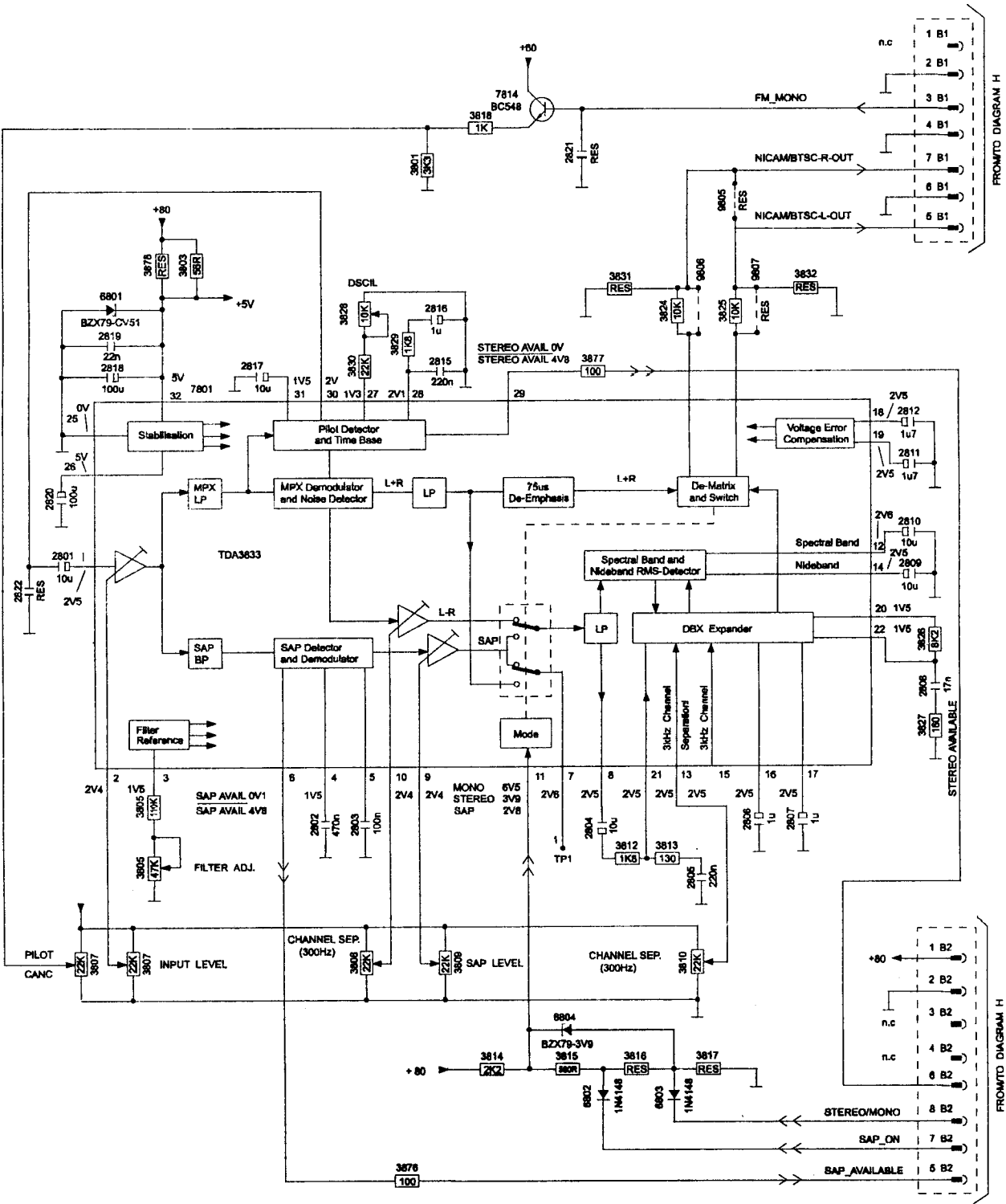


MONO SOUND AMPLIFIER

TO DIAGRAM ABC/DF



BTSC



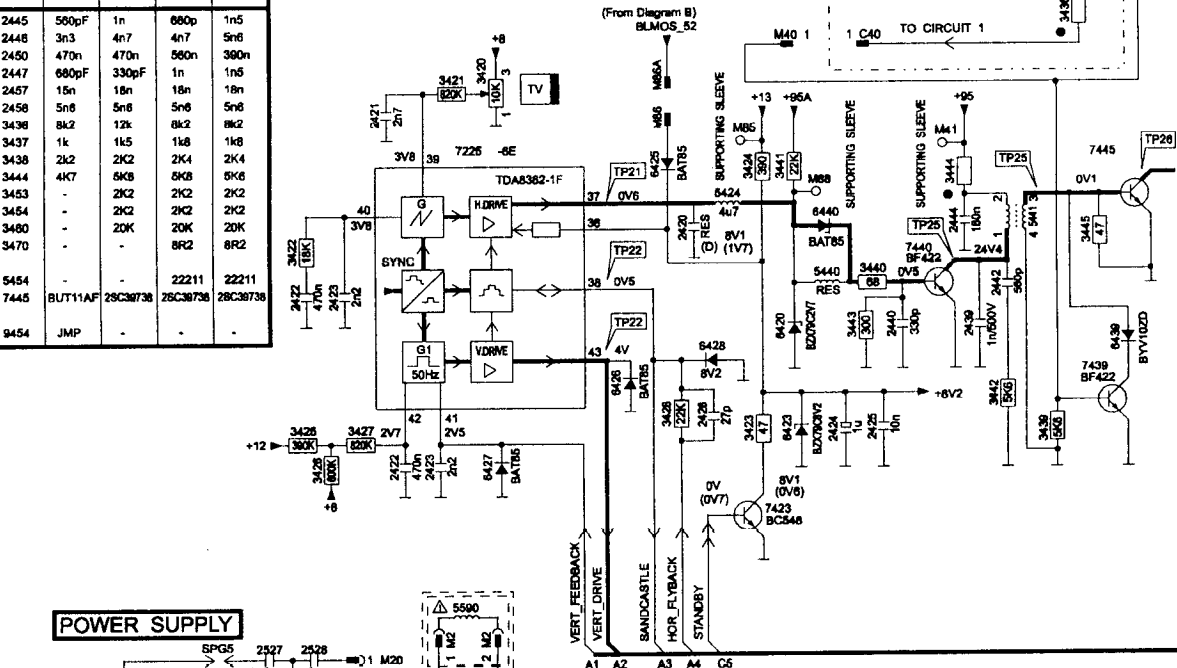
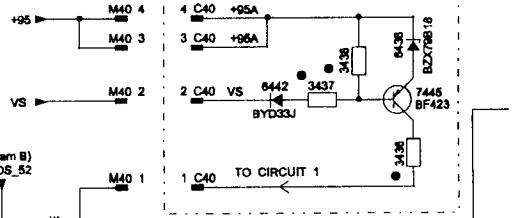
FROM I/O DIAGRAM H

FROM I/O DIAGRAM H

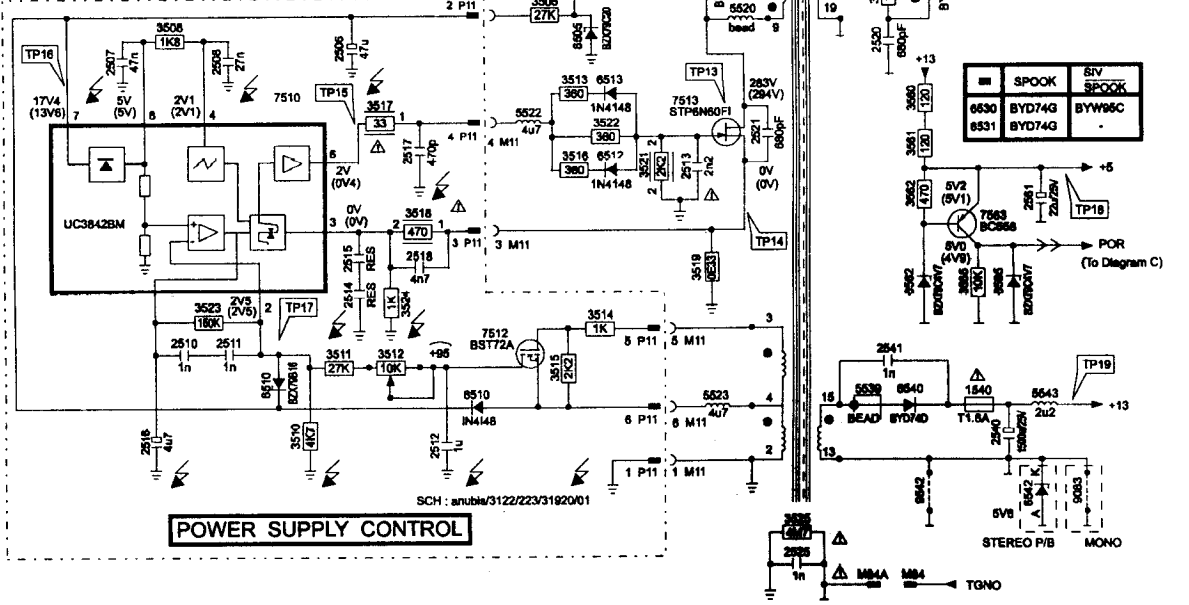
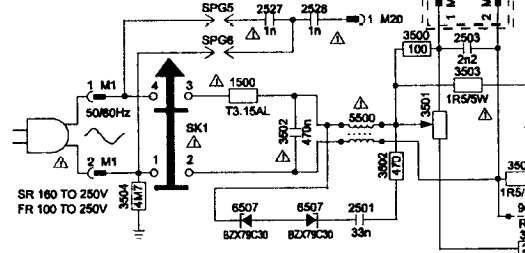


●	14'	20'	21'	21'A03
2445	560pF	1n	660p	1n5
2446	3n3	4n7	4n7	5n6
2450	470n	470n	560n	390n
2447	680pF	330pF	1n	1n5
2457	15n	18n	18n	18n
2456	5n6	5n6	5n6	5n6
3436	8k2	12k	8k2	8k2
3437	1k	1k5	1k8	1k8
3438	2k2	2K2	2K4	2K4
3444	4K7	5K8	5K8	5K8
3453	-	2K2	2K2	2K2
3454	-	2K2	2K2	2K2
3480	-	20K	20K	20K
3470	-	-	8R2	8R2
5454	-	-	22211	22211
7445	BUT11AF	25C38738	25C38738	25C38738
9454	JMP	-	-	-

SCAN PROT CCT SCH: 3139/123/365/110/01



POWER SUPPLY



■	SPOOK	5V	SPOOK
6530	BYD74G	BYW96C	
6531	BYD74G		

SCH: anubis/3122/223/3192/01

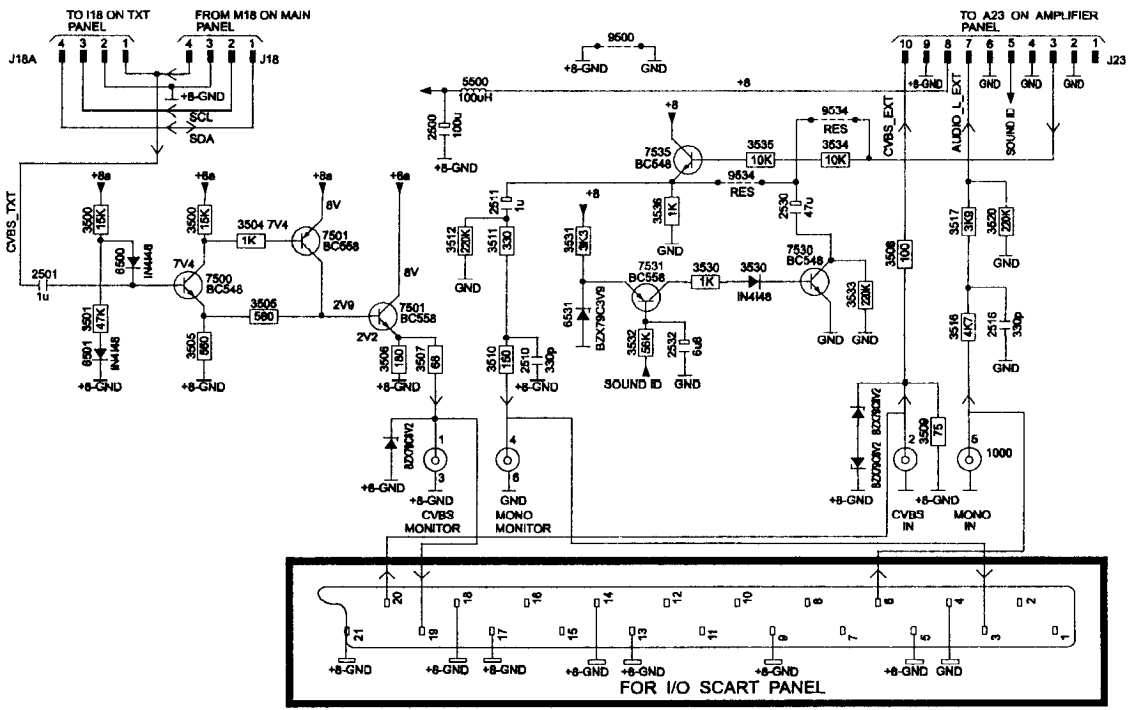
POWER SUPPLY CONTROL

STEREO P/B MONO

TGNO

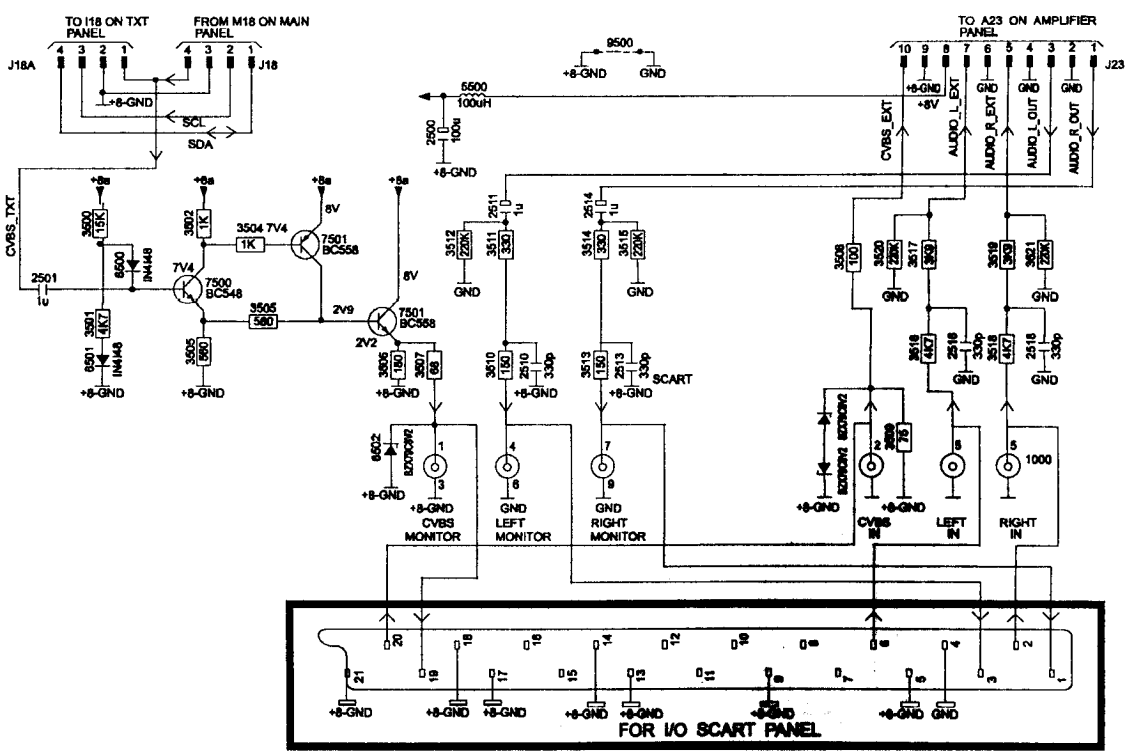
J1

FOR MONO ONLY



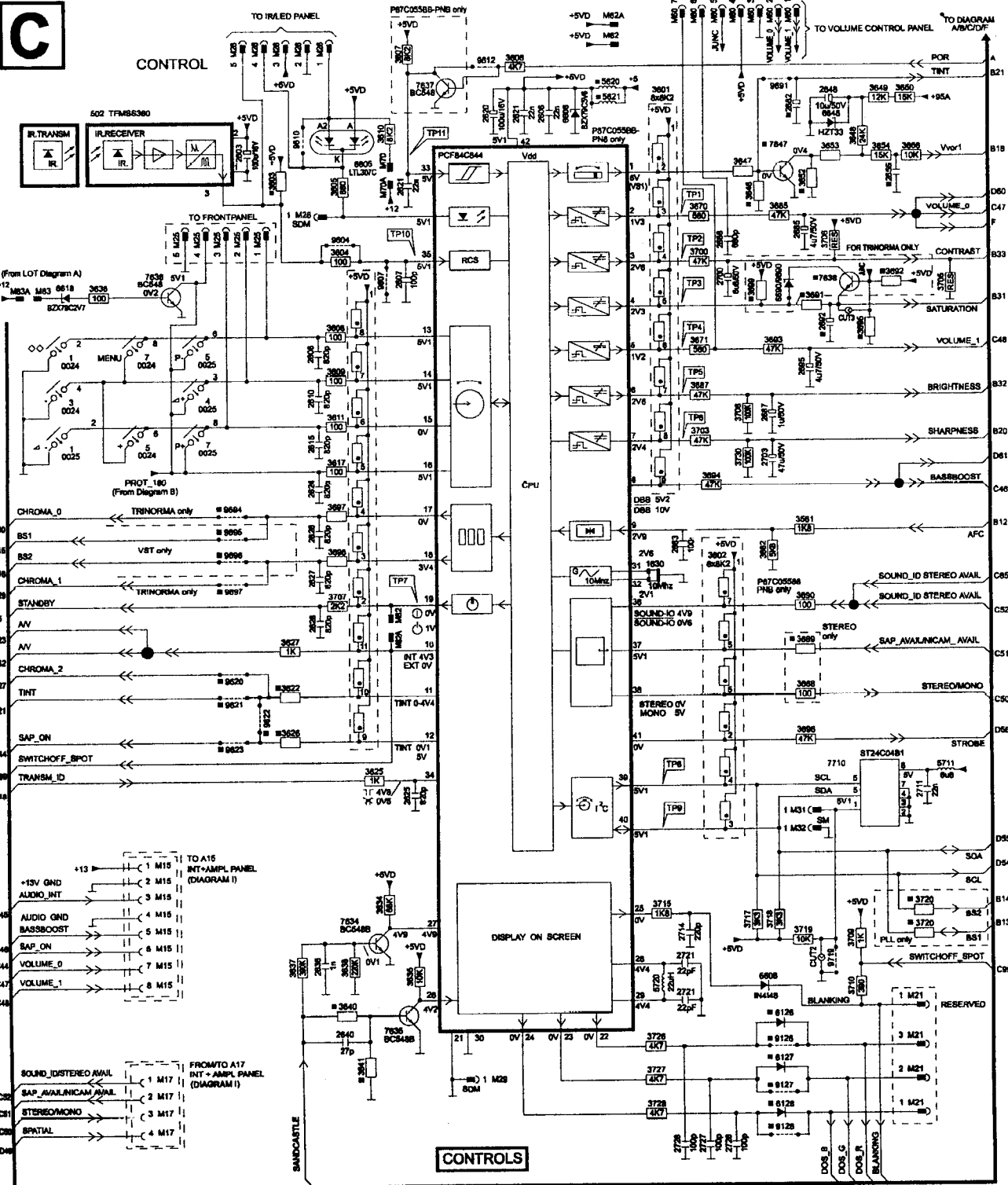
J2

FOR STEREO ONLY



C

CONTROL



CONTROLS

(From LOT Diagram A)
 +12 M3A M3 6618 3638 0V2
 82K7C2V7

CHROMA_0 <<< TRINORMA only # 9694
 BS1 <<< # 9696
 BS2 <<< VBT only # 9698
 CHROMA_1 <<< TRINORMA only # 9697

STANDBY <<< # 9697
 AV <<< # 9627
 AV <<< # 9627
 CHROMA_2 <<< # 9627
 TINT <<< # 9620 # 9622
 TINT 0-4V4 <<< # 9621 # 9623

SAP_ON <<< # 9623
 SWITCHOFF_SPOT <<< # 9623
 TRANSM_ID <<< # 9623

+15V GND <<< 1 M10
 AUDIO_INT <<< 2 M16
 3 M15
 AUDIO GND <<< 4 M15
 BASSBOOST <<< 5 M15
 SAP_ON <<< 6 M15
 VOLUME_0 <<< 7 M15
 VOLUME_1 <<< 8 M15

SOUND_IDSTEREO_AVAIL <<< 1 M17
 SAP_AVAILCAM_AVAIL <<< 2 M17
 STEREOCAMONO <<< 3 M17
 SPATIAL <<< 4 M17

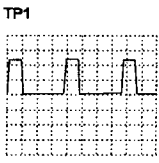
FROM TO A17 INT + AMPL PANEL (DIAGRAM I)

RESERVED <<< 1 M21
 3 M21
 2 M21
 1 M21

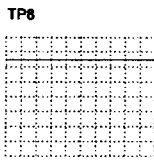
DOE_B
 DOE_G
 DOE_R
 BLANKING

840 838 838 D83

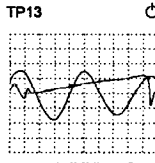
A3



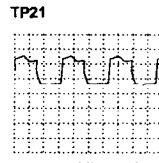
TP1
T=5 μ s
 $\Delta v=2V$



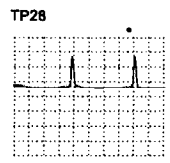
TP6
T=20ms
 $\Delta v=2V$



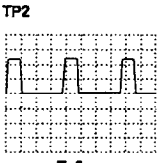
TP13
0,1V/div AC
1 μ s div



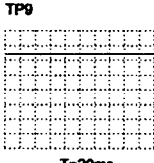
TP21
0,5V/div AC
20 μ s div



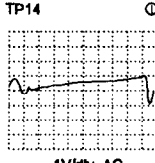
TP26
T=5ms
 $\Delta v=10V$



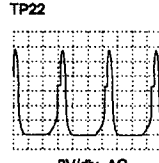
TP2
T=5 μ s
 $\Delta v=2V$



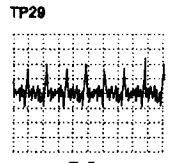
TP9
T=20ms
 $\Delta v=2V$



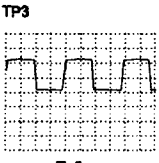
TP14
1V/div AC
0,5 μ s div



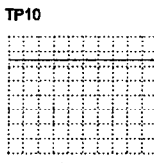
TP22
2V/div AC
20 μ s div



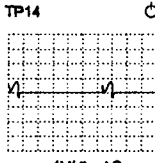
TP29
T=5ms
 $\Delta v=10V$



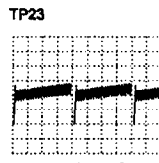
TP3
T=5 μ s
 $\Delta v=2V$



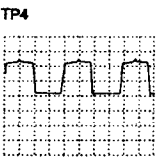
TP10
T=20ms
 $\Delta v=2V$



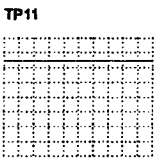
TP14
1V/div AC
5 μ s div



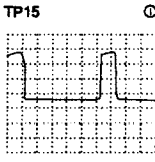
TP23
2V/div AC
5ms div



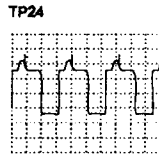
TP4
T=5 μ s
 $\Delta v=2V$



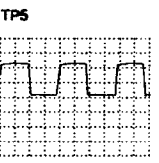
TP11
T=20ms
 $\Delta v=2V$



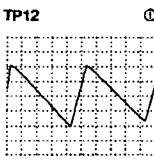
TP15
5V/div AC
5 μ s div



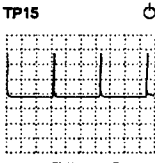
TP24
0,2V/div AC
20 μ s div



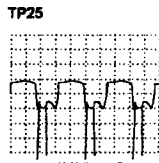
TP5
T=5 μ s
 $\Delta v=2V$



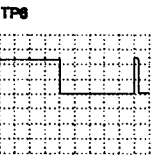
TP12
2V/div AC
2ms div



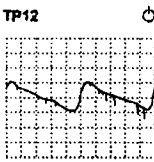
TP15
5V/div AC
10 μ s div



TP25
1V/div AC
20 μ s div

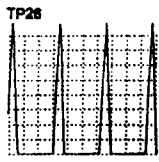


TP8
T=20ms
 $\Delta v=2V$



TP12
0,5V/div AC
2ms div

⊙ TP16 = DC 16V



TP26
100V/div AC
20 μ s div

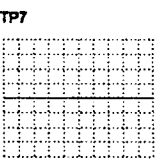
⊙ TP16 = DC 17V5

⊙ TP17 = DC 2V2

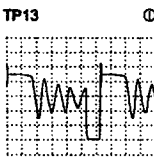
⊙ TP17 = DC 2V5

⊙ TP18 = DC 8V

⊙ TP18 = DC 8V



TP7
T=20ms
 $\Delta v=2V$



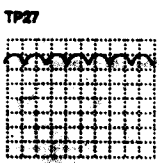
TP13
100V/div AC
5 μ s div

⊙ TP19 = DC 13V

⊙ TP19 = DC 13V

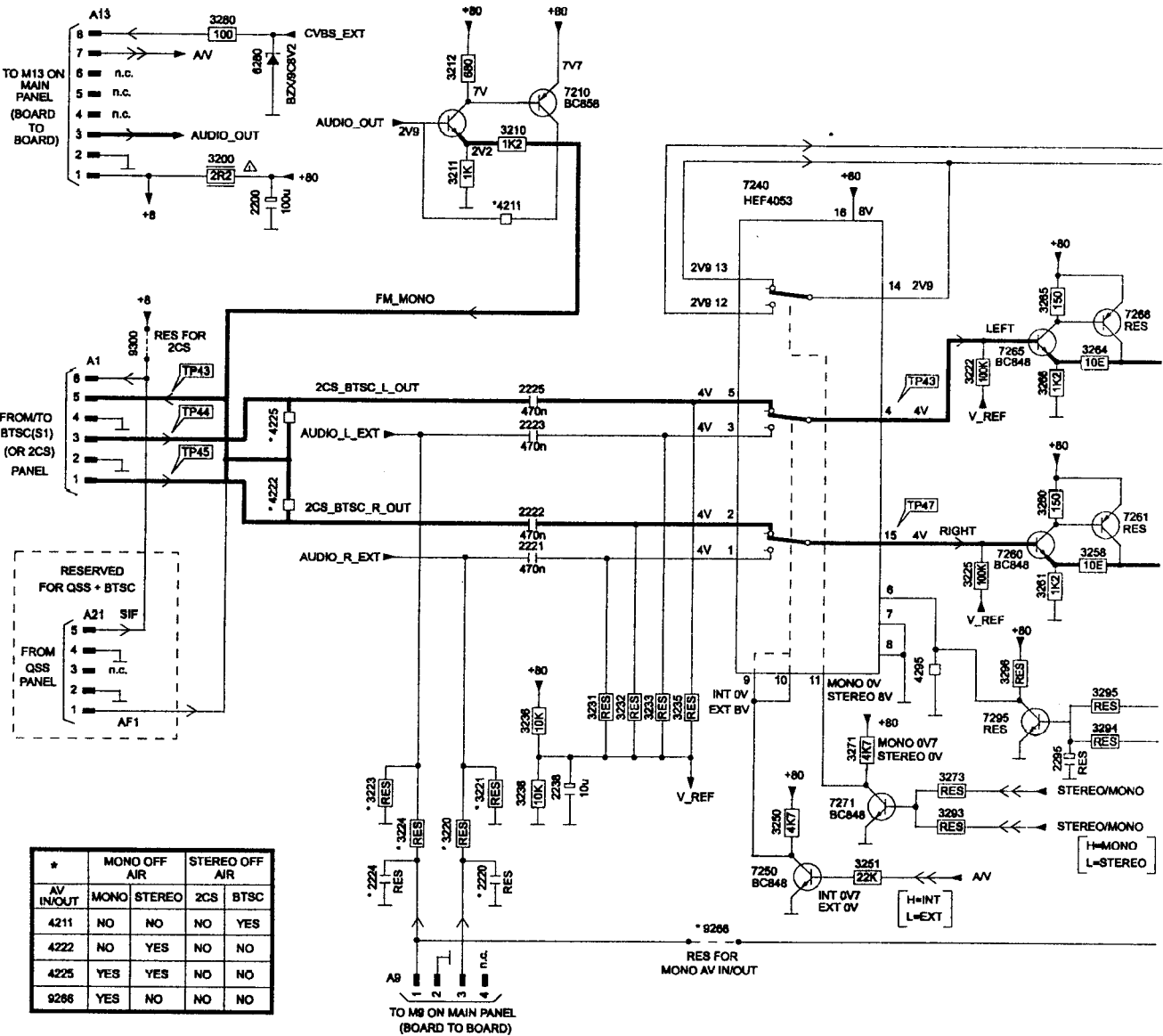
⊙ TP20 = DC 118V

⊙ TP20 = DC 422V



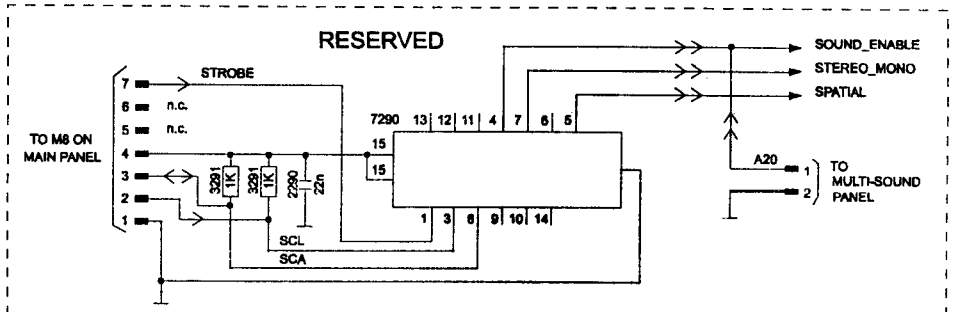
TP27
100V/div AC
20 μ s div

STEREO INTERFACE



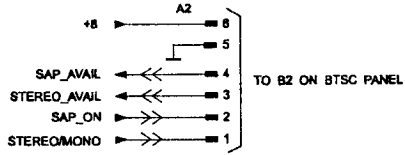
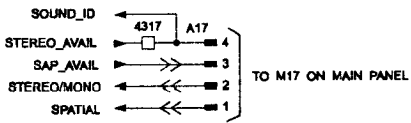
*	MONO OFF AIR		STEREO OFF AIR	
	MONO	STEREO	2CS	BTSC
4211	NO	NO	NO	YES
4222	NO	YES	NO	NO
4225	YES	YES	NO	NO
9286	YES	NO	NO	NO

*	STEREO AV IN ONLY		AV IN OUT	
	2220	330p	—	—
2224	330p	—	—	
3220	3K9	—	—	
3221	100K	—	—	
3223	100K	—	—	
3224	3K9	—	—	
4211	NO	NO	NO	
A23	NO	YES	—	

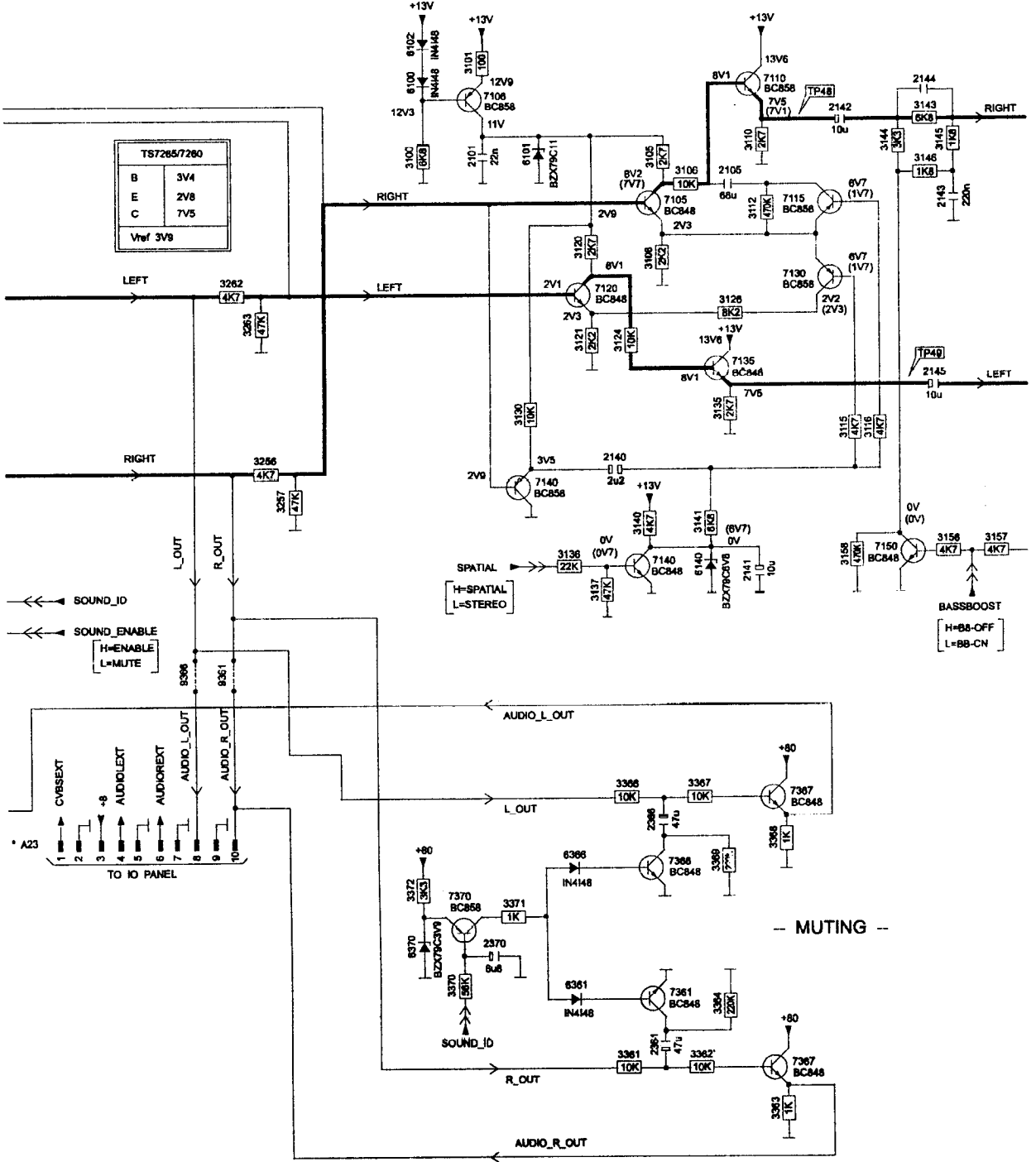




SPATIAL + BASSBOOST



T572657260	
B	3V4
E	2V8
C	7V5
Vref 3V8	



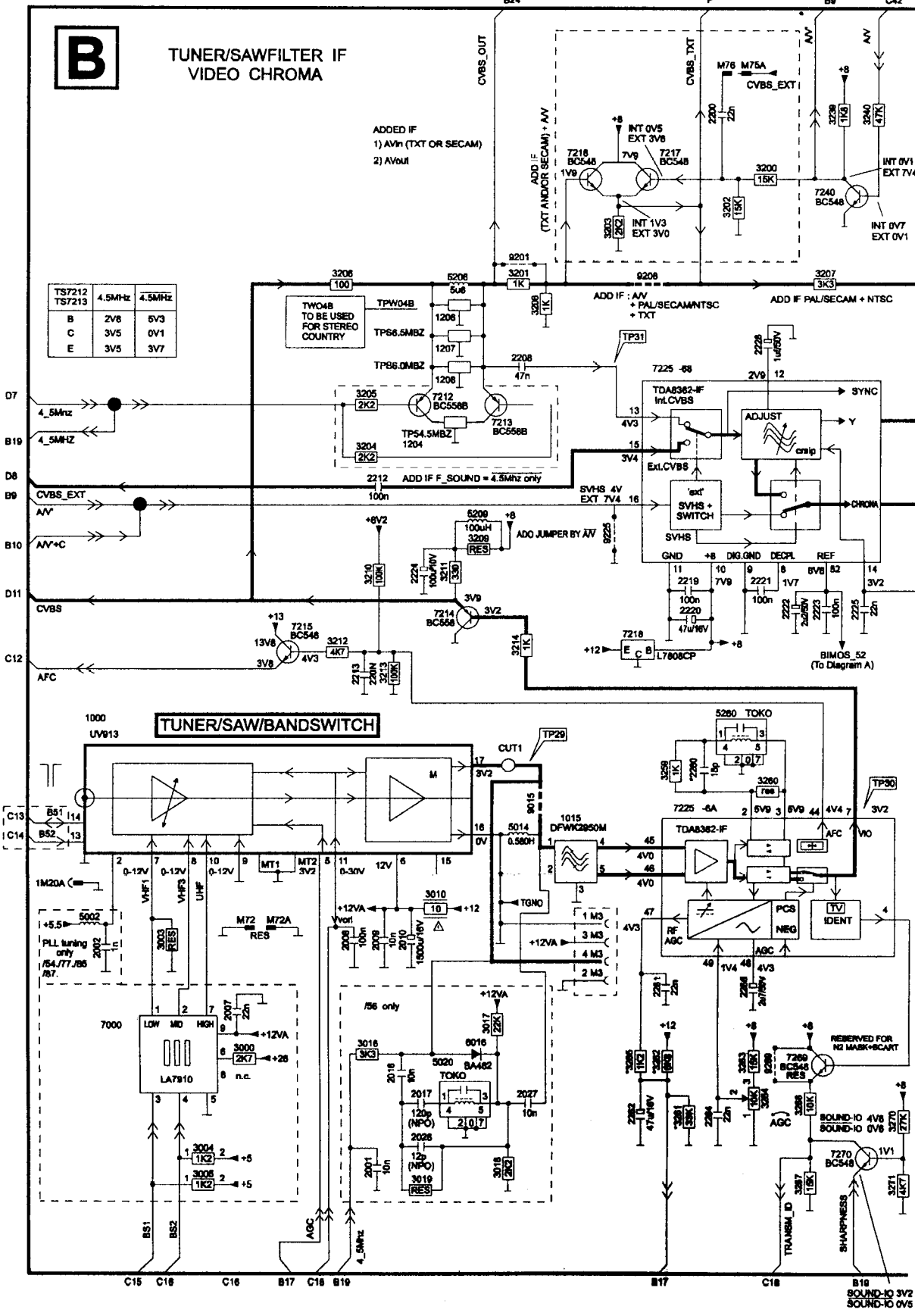


TUNER/SAWFILTER IF VIDEO CHROMA

ADDED IF
 1) AVn (TXT OR SECAM)
 2) AVout

TS7212	4.5MHz	4.5MHz
TS7213	4.5MHz	4.5MHz
B	2V8	5V3
C	3V5	0V1
E	3V5	3V7

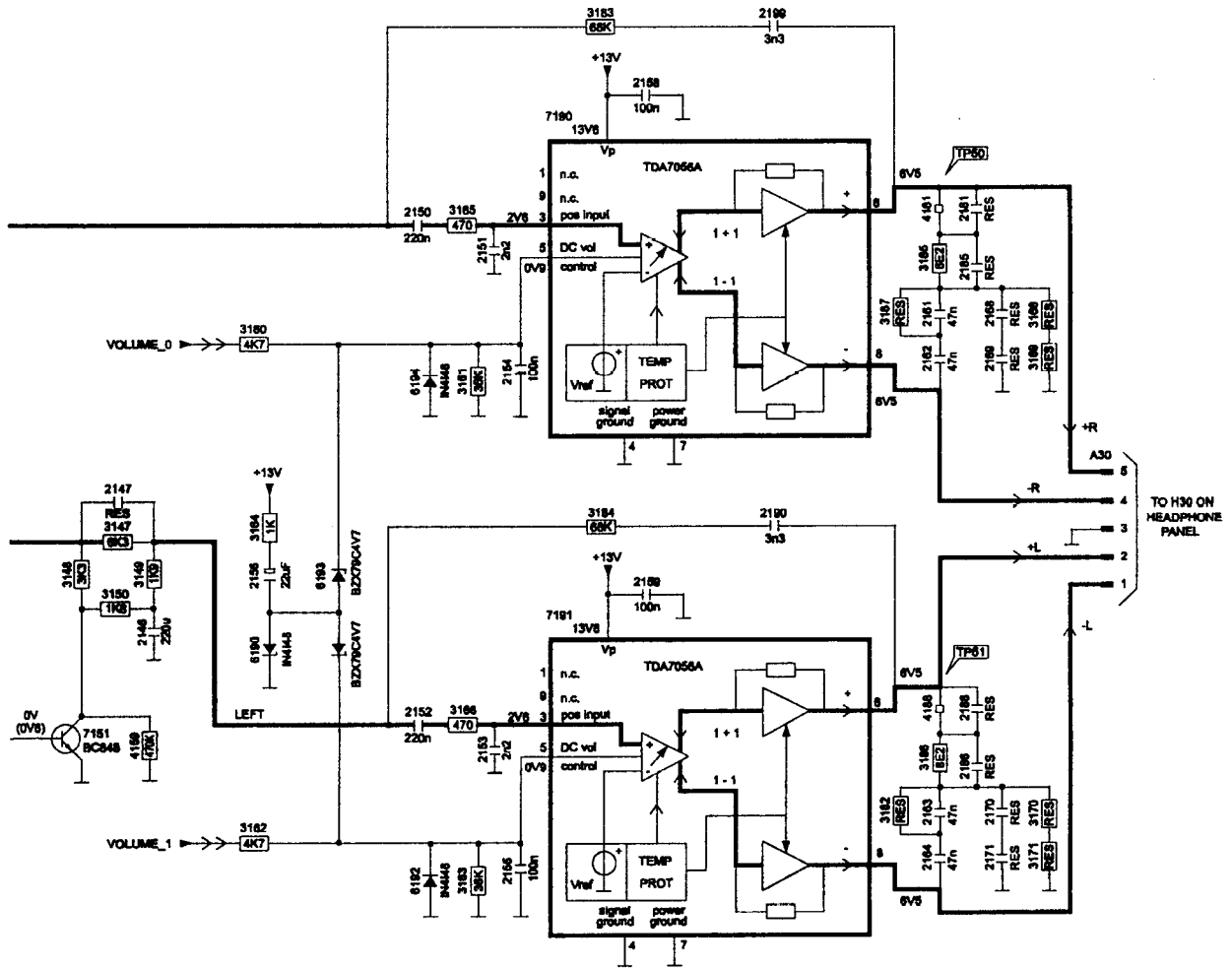
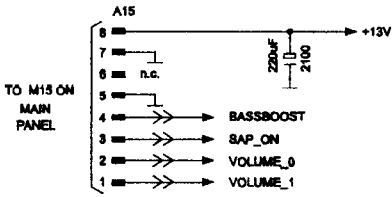
TWO48
 TO BE USED
 FOR STEREO
 COUNTRY



PLL ONLY
 (±2°C)

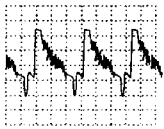
SOUND-IO 3V2
 SOUND-IO 0V6

STEREO AMPLIFIER



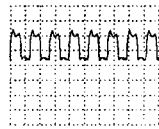
Muting circuitry	SOUND_ID = 4V9 No mute	SOUND_ID = 0V8 Mute
TS7370	B 4V9	2V
	E 3V2	2V7
	C 0V	2V6
TS7366/7361	B 0V	0V8
	E 0V	0V
	C 0V	0V
TS7367/7362	B 2V8	2V8
	E 2V1	2V1
	C 2V9	7V9

TP30



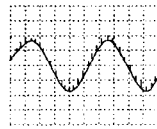
T=20 μ s
 $\Delta v=0,5$ AC

TP37



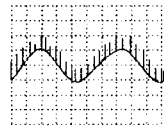
T=50 μ s
 $\Delta v=1$ V

TP44



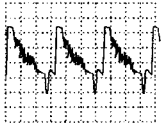
0,2V/div AC
0,2ms div

TP51



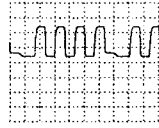
0,1V/div AC
0,2ms div

TP31



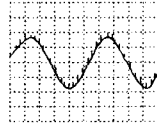
T=20 μ s
 $\Delta v=0,5$ AC

TP38



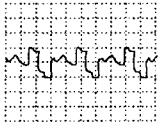
T=10 μ s
 $\Delta v=1$ V

TP45



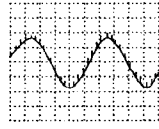
0,2V/div AC
0,2ms div

TP32



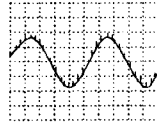
T=20 μ s
 $\Delta v=0,2$ AC

TP39



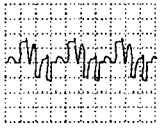
50mV/div AC
50ns div

TP46



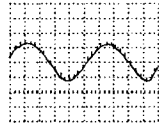
0,2V/div AC
0,2ms div

TP33



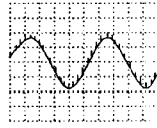
T=20 μ s
 $\Delta v=0,2$ AC

TP40



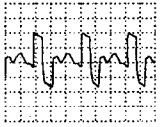
0,5V/div AC
0,2ms div

TP47



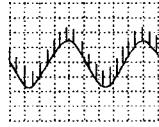
0,2V/div AC
0,2ms div

TP34



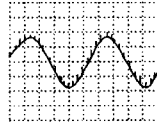
T=20 μ s
 $\Delta v=0,2$ AC

TP41



0,1V/div AC
0,2ms div

TP48



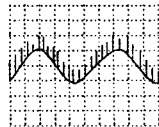
0,2V/div AC
0,2ms div

TP35



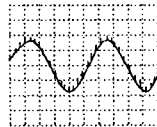
T=20 μ s
 $\Delta v=0,2$ AC

TP42



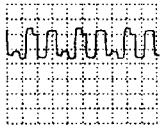
0,1V/div AC
0,2ms div

TP49



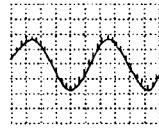
0,2V/div AC
0,2ms div

TP36



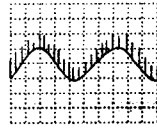
T=20 μ s
 $\Delta v=1$ V

TP43



0,2V/div AC
0,2ms div

TP50



0,1V/div AC
0,2ms div