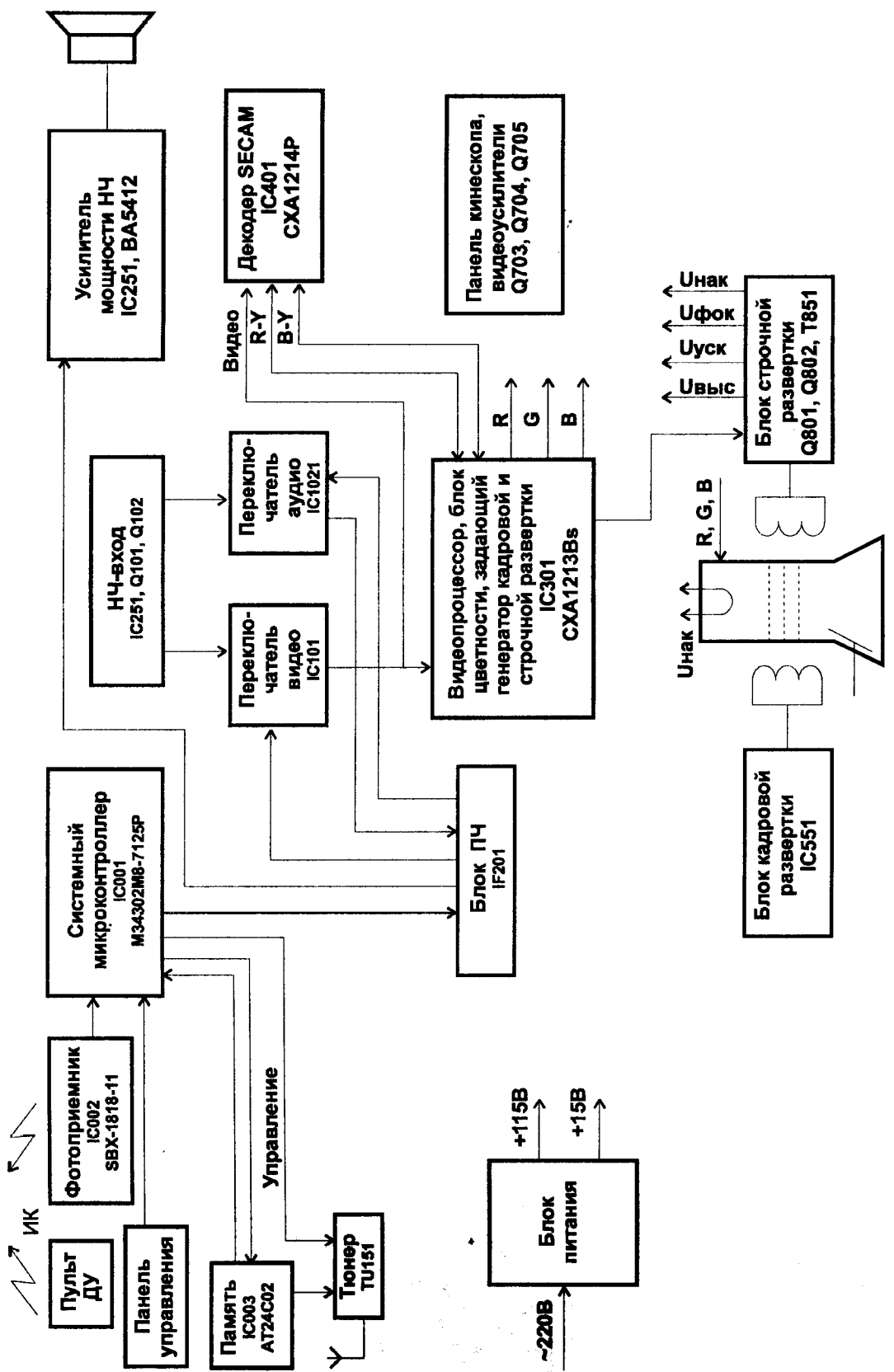
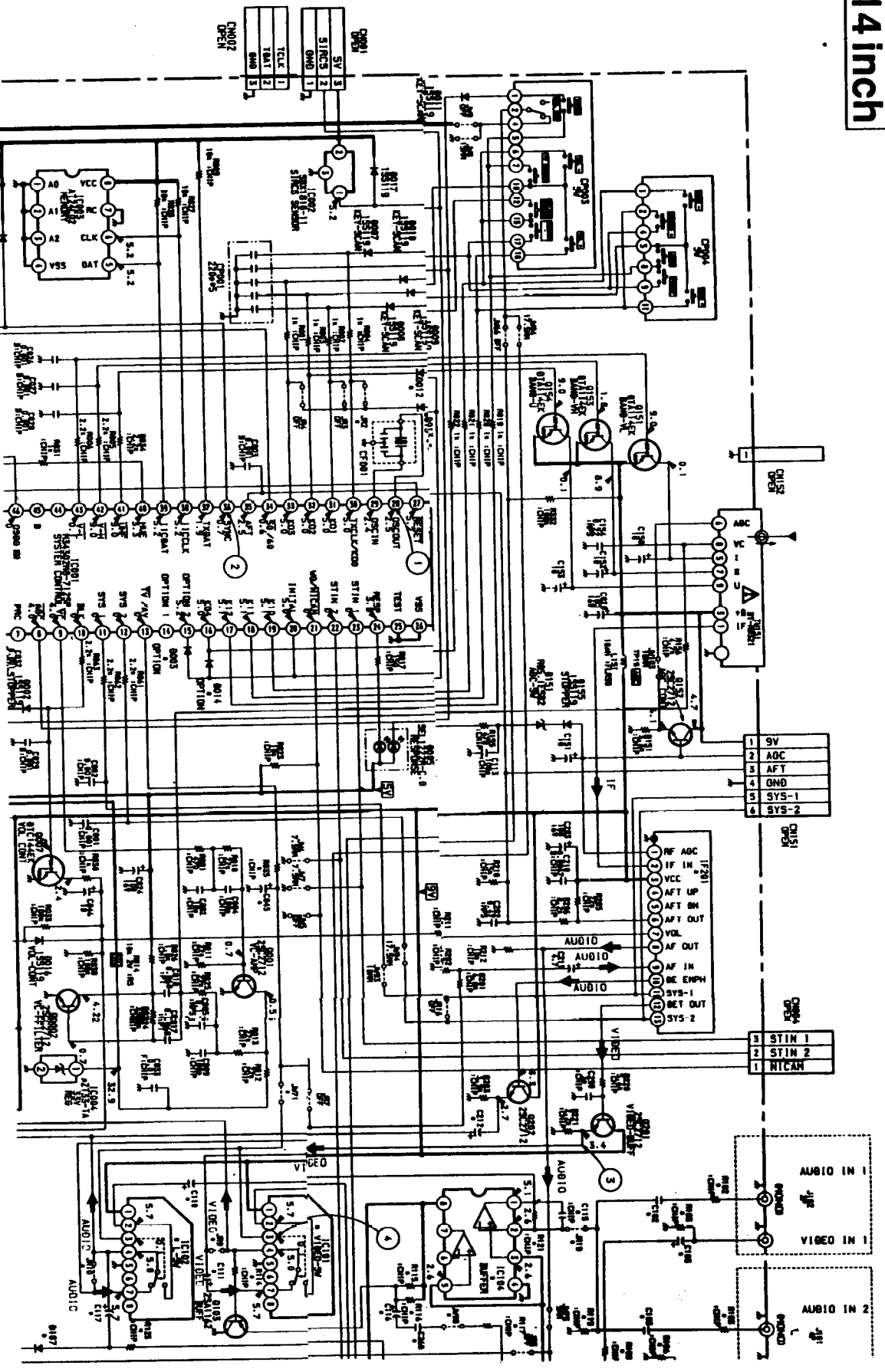


Структурная схема.



14 inch

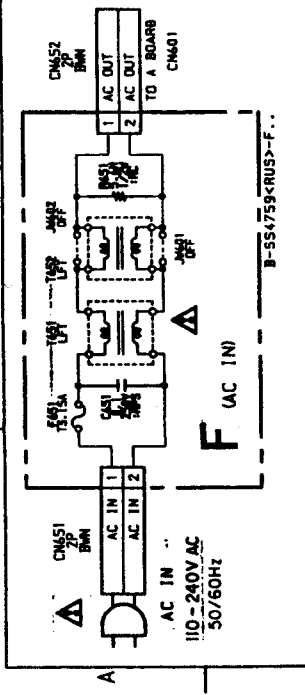


A BOARD * MARK

Ref. No.	Location	KV-1487MT	KV-14DK2
C045	D-6	1	-
C102	B-8	0.15	-
C103	B-8	220/16V	-
C105	C-8	0.15	-
C106	B-9	220/16V	-
C107	B-9	10	-
C108	B-10	100/16V	-
C110	E-8	10	-
C111	E-9	47/16V	-
C112	B-10	47/16V	-
C115	C-8	180P	-
C116	D-9	220/16V	-
C117	E-9	0.47	-
C212	C-8	4.7	JW (5.0)
C268	C-9	0	-
C380	E-11	100/16V	-
CV358	E-12	30P	-
D003	E-5	1SS119	-
D012	C-3	1SS119	-
D013	C-4	-	1SS119
D014	E-5	1SS119	-
D107	D-9	1SS119	-
D320	E-11	1SS119	-
IC101	D-8	LA7016	-
IC102	E-8	LA7016	-
IC104	C-8	μPC4558C	-
IC551	G-12	LA7830	TA8403K
IF201	B-6	IFD-380A	IFC-380SR
J101	A-8	4P	-
J102	A-9	2P	-
JR2	D-3	-	0: CHIP
JR9	D-8	-	0: CHIP













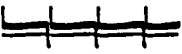
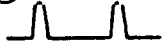







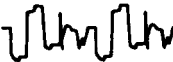



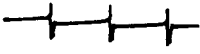



Ref. No.	Location	KV-1487MT	KV-14DK2
JR10	E-9	-	KV-14DK2
JR19	B-8	3.3k: CHIP	0: CHIP
JW60	D-10	-	5MM
JW71	D-8	7.5MM	-
JW98	C-9	12.5MM	-
JW100	B-10	10MM	-
Q101	B-9	25C2712	-
Q102	B-10	25C2712	-
Q103	E-9	2SA1162	-
R035	D-6	100k	-
R050	G-7	22k	47K
R102	B-8	56k	-
R103	B-8	82	-
R105	B-9	56k	-
R106	B-9	82	-
R107	B-9	470	-
R108	B-9	470	-
R109	B-10	1k	-
R110	C-9	470	-
R111	C-9	3.9k	-
R112	B-10	10k	-
R113	B-10	2.2k	-
R114	D-9	82	-
R115	D-9	680	-
R116	C-9	680	-
R117	C-9	66	-
R119	C-9	39k	-
R121	C-8	39k	-
R123	E-9	1k	-
R322	E-12	22k	-
X358	E-13	0	-
YCM302	D-10	0	-

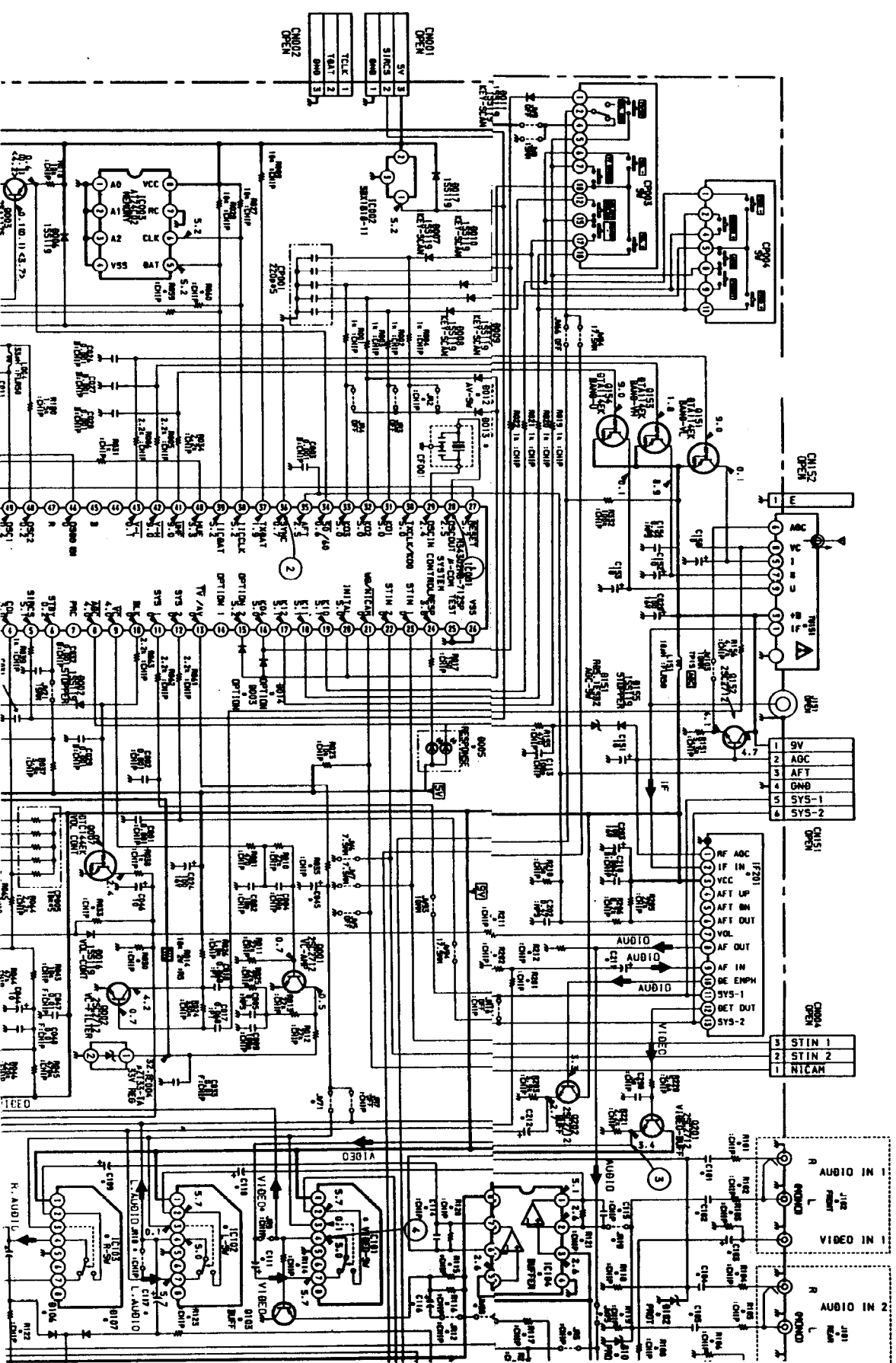
○ : TO BE MOUNT
 - : NOT MOUNT



1 2 3

• A BOARD WAVEFORMS

<p>①</p>  <p>6.0V_{p-p} (4.0MHz)</p>	<p>②</p>  <p>0.6V_{p-p} (H)</p>	<p>③</p>  <p>1.9V_{p-p} (H)</p>
<p>④</p>  <p>1.9V_{p-p} (H)</p>	<p>⑤ PAL. NTSC</p>  <p>0.5 V_{p-p} (H)</p>	<p>⑥ PAL. NTSC</p>  <p>0.5 V_{p-p} (H)</p>
<p>⑦ PAL</p>  <p>0.3V_{p-p} (H)</p>	<p>⑧ PAL</p>  <p>0.45 V_{p-p} (H)</p>	<p>⑨ PAL</p>  <p>0.6 V_{p-p} (H)</p>
<p>⑩</p>  <p>0.26 V_{p-p}(4.43MHz)</p>	<p>⑪</p>  <p>0.16V_{p-p}(3.58MHz)</p>	<p>⑫</p>  <p>1.5V_{p-p} (H)</p>
<p>⑬</p>  <p>2.4V_{p-p} (V)</p>	<p>⑭</p>  <p>4.0V_{p-p} (H)</p>	<p>⑮</p>  <p>2.0V_{p-p} (H)</p>
<p>⑯</p>  <p>1.8V_{p-p} (H)</p>	<p>⑰</p>  <p>4.0V_{p-p} (H)</p>	<p>⑱</p>  <p>4.0V_{p-p} (H)</p>
<p>⑲</p>  <p>4.0V_{p-p} (H)</p>	<p>⑳</p>  <p>0.9V_{p-p} (H)</p>	<p>㉑ SECAM</p>  <p>0.24V_{p-p} (H)</p>
<p>㉒ SECAM</p>  <p>1.0V_{p-p} (H)</p>	<p>㉓ SECAM</p>  <p>1.4 V_{p-p} (H)</p>	<p>㉔ SECAM</p>  <p>3.3 V_{p-p} (H)</p>
<p>㉕</p>  <p>50 V_{p-p} (V)</p>	<p>㉖</p>  <p>1.5 V_{p-p} (V)</p>	<p>㉗</p>  <p>900 V_{p-p} (H)</p>
<p>㉘</p>  <p>170 V_{p-p}(H)</p>	<p>㉙</p>  <p>10 V_{p-p} (V)</p>	



CN001 OPEN

SV	3
STRCS	2
SWG	1
TELK	1
TRAT	2
SWG	3

CN002 OPEN

CN151 OPEN

9V	AGC
2	AFT
3	SWB
4	SYS-1
5	SYS-2

CN008 OPEN

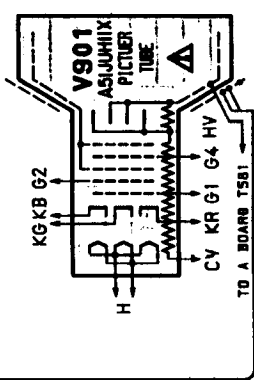
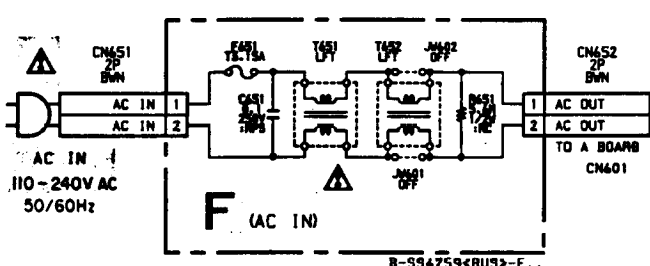
3	STIN 1
2	STIN 2
1	NICAM

CN152 OPEN

RF	AGC
IF	IN
VCC	
AFT	IF
AFT	OUT
AF	OUT
VOL	
AF	OUT
AF	IN
BE	ENH
SYS-1	
DET	OUT
SYS-2	

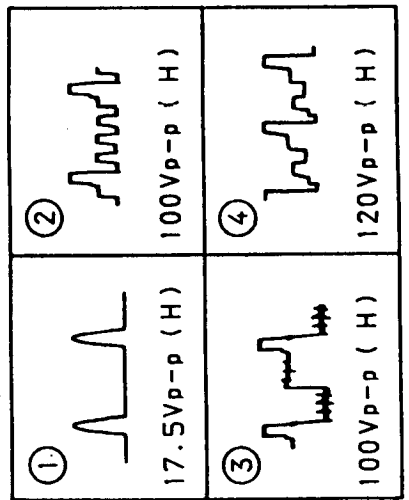
AUDIO IN 1

R	VIDEO IN 1
L	
R	AUDIO IN 2
L	

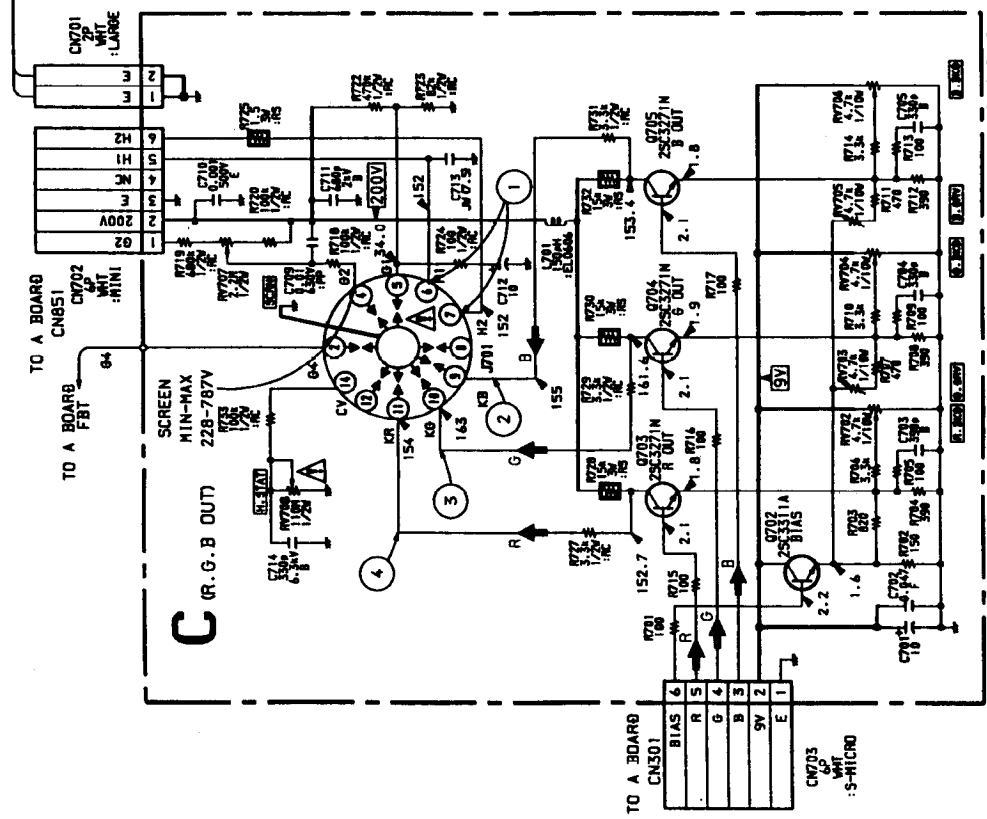


B-594759<CRUS>-F...

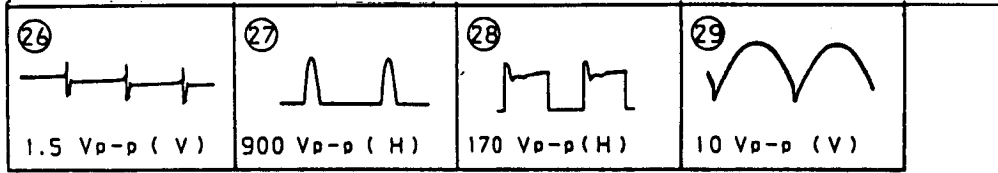
• C BOARD WAVEFORMS

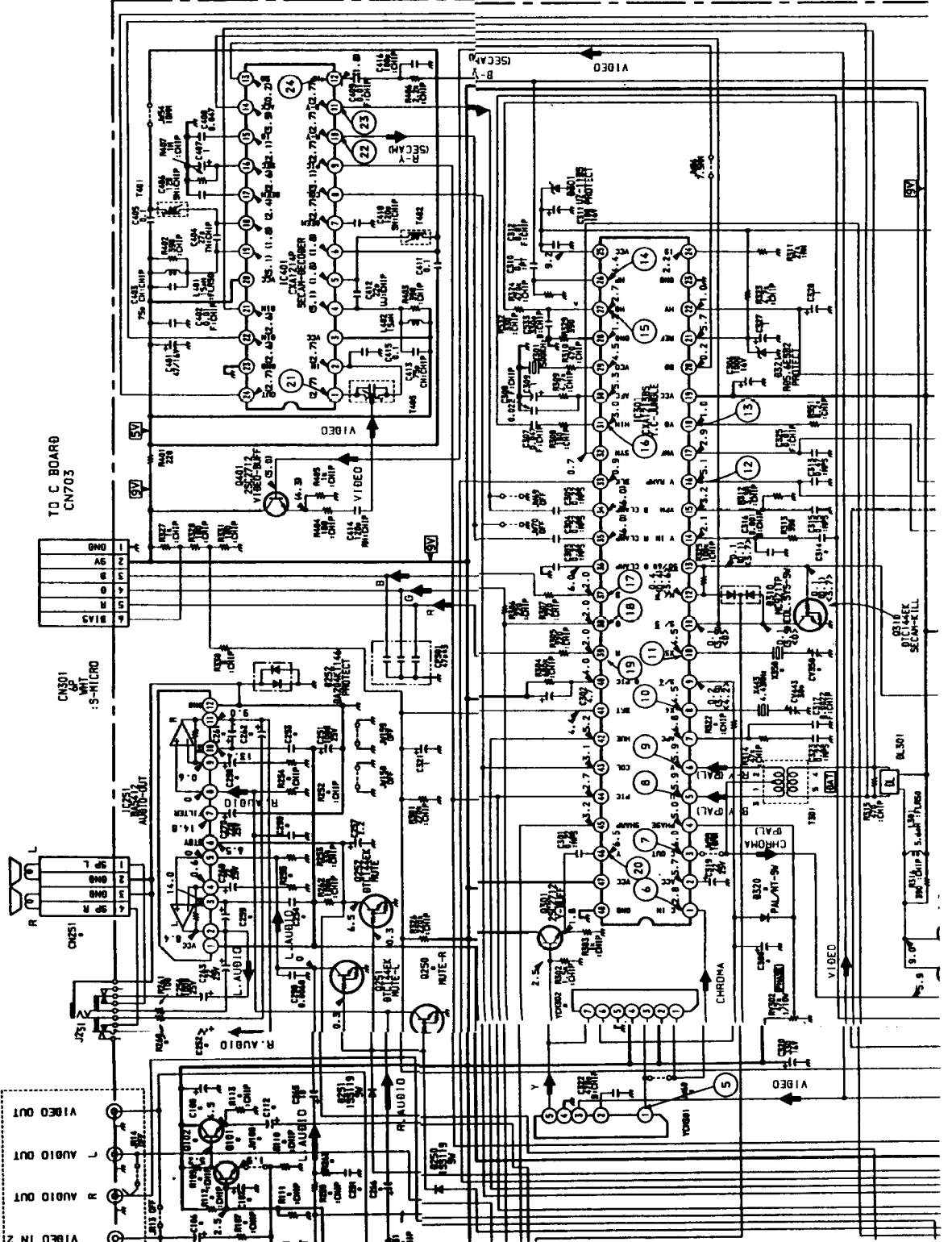


4
3
2
1



B-594759<CRUS>-C...





TO C BOARD
CN703

CN301
OP
WHT
S-MICRO

BND	1
A6	2
0	3
0	4
0	5
0	6
0	7
0	8
0	9
0	10
0	11
0	12
0	13
0	14
0	15
0	16
0	17
0	18
0	19
0	20
0	21
0	22
0	23
0	24

VIDEO IN 2
R
L
AUDIO OUT
R
L
AUDIO OUT
R
L
AUDIO OUT
VIDEO OUT

5V

5V

5V

5V

5V

5V

5V

5V

5V

5V

5V

VIDEO

VIDEO

VIDEO

VIDEO

VIDEO

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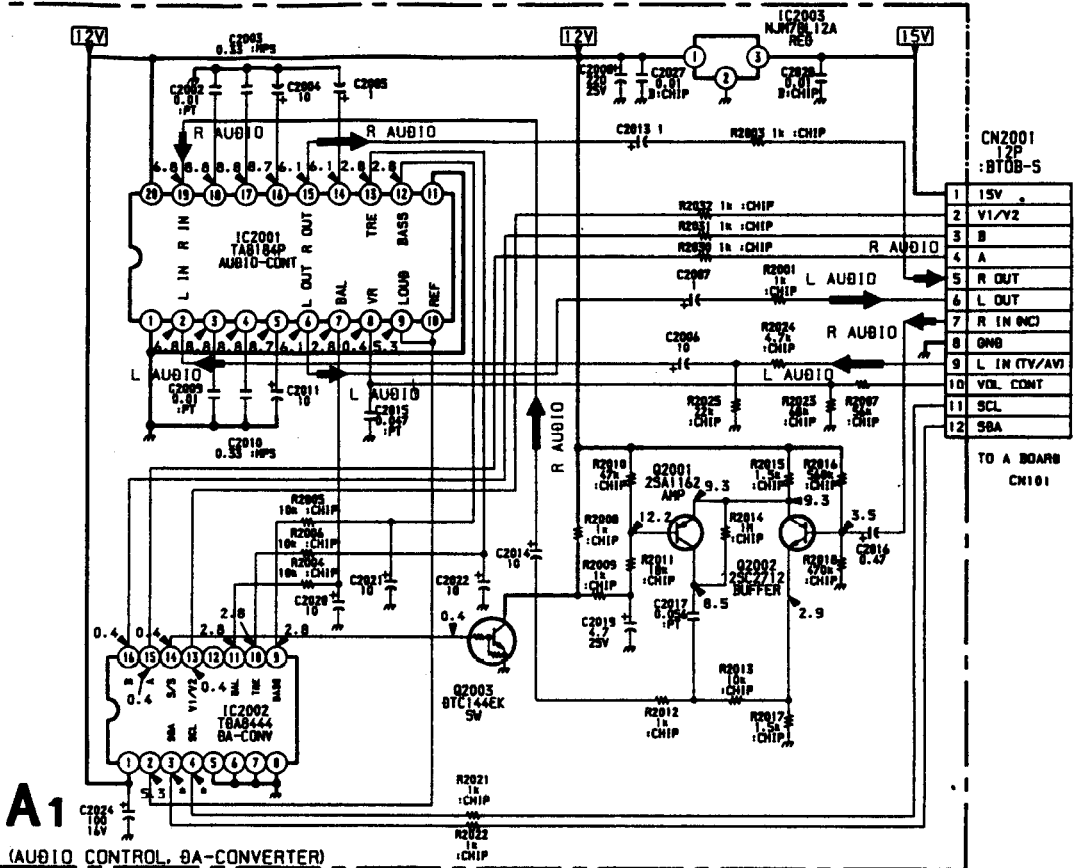
SECAM

SECAM

SECAM

SECAM

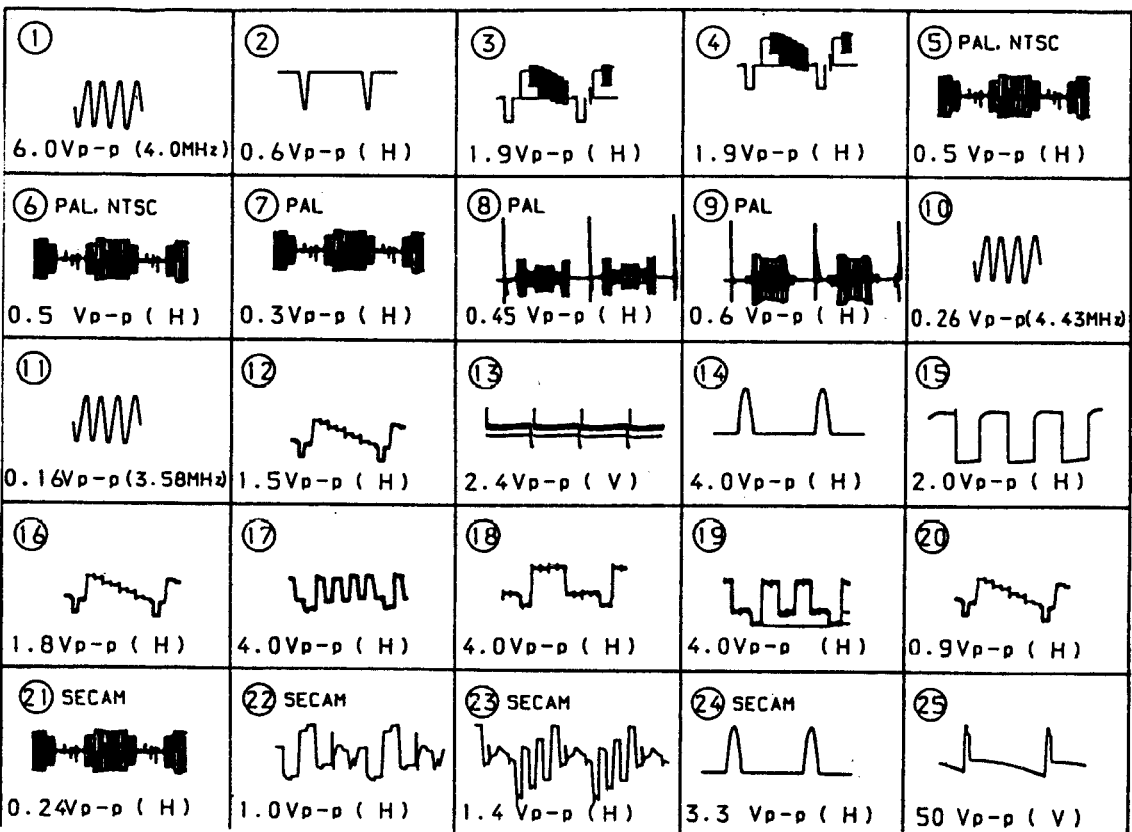
SECAM

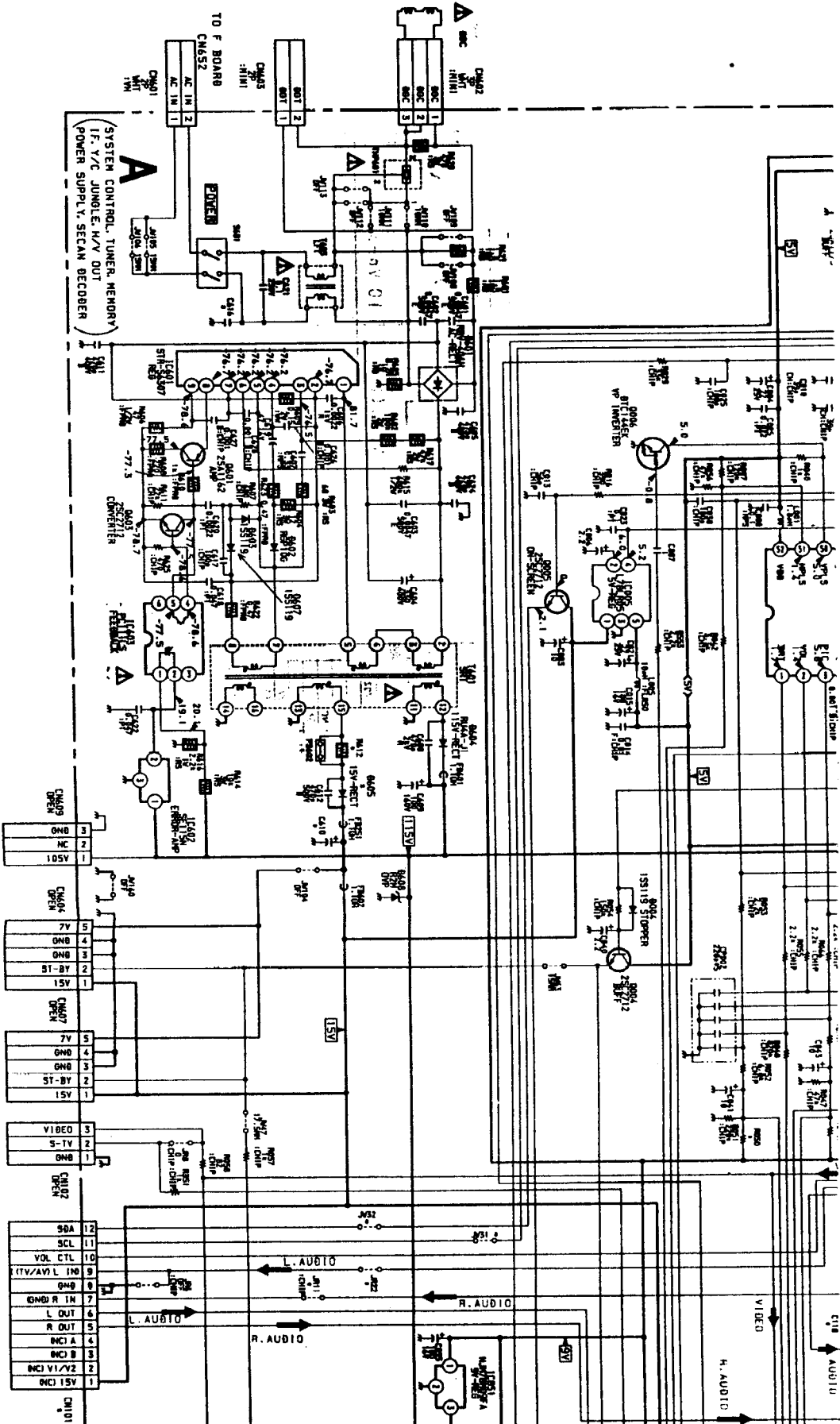


A1
 (AUDIO CONTROL, 9A-CONVERTER)

B-554759<RUS>-A1.

(KV-2167MT only)
• A BOARD WAVEFORMS





SYSTEM CONTROL, TUNER, MEMORY
(IF, VFC JUNGLE, H/V OUT
POWER SUPPLY, SECAN RECORDER)

CN601	1	NC	1
CN601	2	NC	2
CN601	3	NC	3
CN601	4	NC	4
CN601	5	NC	5
CN601	6	NC	6
CN601	7	NC	7
CN601	8	NC	8
CN601	9	CTV/AVL IN	9
CN601	10	VOL CTL	10
CN601	11	SCL	11
CN601	12	S&A	12
CN602	1	NC	1
CN602	2	NC	2
CN602	3	NC	3
CN602	4	NC	4
CN602	5	NC	5
CN602	6	NC	6
CN602	7	NC	7
CN602	8	NC	8
CN602	9	NC	9
CN602	10	NC	10
CN602	11	NC	11
CN602	12	NC	12
CN603	1	NC	1
CN603	2	NC	2
CN603	3	NC	3
CN603	4	NC	4
CN603	5	NC	5
CN603	6	NC	6
CN603	7	NC	7
CN603	8	NC	8
CN603	9	NC	9
CN603	10	NC	10
CN603	11	NC	11
CN603	12	NC	12
CN604	1	15V	1
CN604	2	ST-BY	2
CN604	3	GND	3
CN604	4	GND	4
CN604	5	GND	5
CN604	6	7F	6
CN605	1	15V	1
CN605	2	ST-BY	2
CN605	3	GND	3
CN605	4	GND	4
CN605	5	GND	5
CN605	6	7F	6

TO F BOARD
CN652
AC IN 1
AC IN 2
CN601
MUT
1M

TO CN101
L AUDIO
R AUDIO
VIDEO
H. AUDIO

VIDEO
H. AUDIO

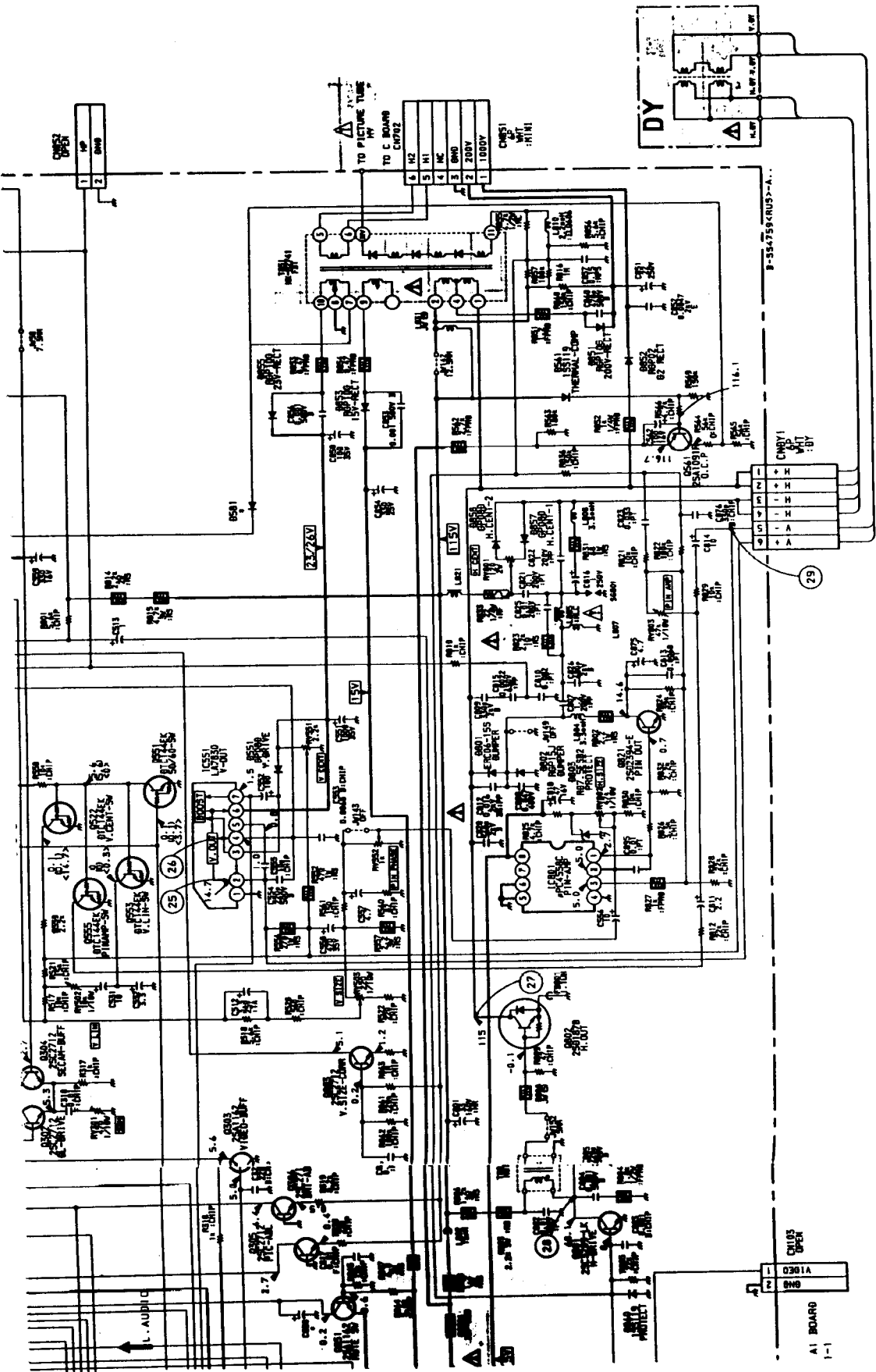
VIDEO
H. AUDIO

A BOARD * MARK

Ref. No.	Location	KV-2187MT	KV-2167MT	KV-21DK2
C045	D-6	1	1	-
C101	B-8	-	0.15	-
C102	B-8	0.15	0.15	-
C103	B-8	220/16V	220/16V	-
C104	B-9	-	0.15	-
C105	B-9	0.15	0.15	-
C106	B-9	220/16V	220/16V	-
C107	B-9	10	10	-
C108	B-10	100/16V	100/16V	-
C109	E-8	-	10	-
C110	E-8	10	10	-
C111	E-9	47/16V	47/16V	-
C112	B-10	47/16V	47/16V	-
C114	D-8	-	180P	-
C115	C-8	180P	180P	-
C116	D-9	220/18V	220/18V	-
C117	E-9	0.47	0.47	-
C118	F-8	-	0.47	-
C211	B-7	4.7	-	4.7
C212	C-8	4.7	4.7	JW (5.0)
C252	B-10	-	1000/25V	-
C253	C-12	-	0.47	-
C254	C-11	0.1	0.47	0.1
C258	B-12	-	22/25V	-
C259	B-11	22/25V	47/16V	22/25V
C261	B-12	-	47/16V	-
C262	B-12	-	22/25V	-
C266	C-9	-	10	-
C291	C-9	0.047	-	0.047
C299	C-11	-	0.0068	-
C380	E-11	100/16V	100/16V	-
CE10	I-6	330/25V	1000/25V	330/25V
C858	H-9	4.7	10	4.7
CN101	J-9	-	12P	-
CN251	A-11	3P	4P	3P
CV358	E-13	30P	30P	-
D003	E-5	1SS119	1SS119	-
D005	C-5	SEL1222R-C.D	LED UNIT	SEL1222R-C.D
D012	C-3	1SS119	1SS119	-
D013	C-4	-	-	1SS119
D014	E-5	1SS119	1SS119	-
D101	C-9	RD13M	RD13M	-
D102	B-9	-	RD13M	-
D106	F-9	-	1SS119	-
D107	D-9	1SS119	1SS119	-
D320	E-11	1SS119	1SS119	-
D605	I-6	RGP15J	S3LA20F	RGP15J
IC101	D-8	LA7016	LA7016	-
IC102	E-8	LA7016	LA7016	-
IC103	E-8	-	LA7016	-
IC104	C-8	μPC4558C	μPC4558C	-
IF201	B-6	IFD-380A	IFD-380A	IFC-3805R
J101	A-8	4P	6P	-
J102	A-9	2P	3P	-
JR2	D-3	-	0: CHIP	0: CHIP
JR5	C-9	-	0: CHIP	-
JR9	D-8	-	0: CHIP	0: CHIP
JR10	E-9	-	-	0: CHIP
JR11	I-8	-	0: CHIP	-

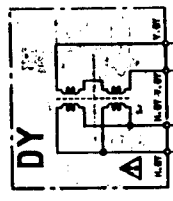
Ref. No.	Location	KV-2187MT	KV-2167MT	KV-21DK2
JR12	D-9	0: CHIP	0: CHIP	-
JR19	B-8	0: CHIP	0: CHIP	-
JR22	I-8	-	0: CHIP	-
JW31	H-8	-	10MM	-
JW32	I-8	-	10MM	-
JW50	D-10	-	-	5MM
JW71	D-8	7.5MM	7.5MM	-
JW75	C-5	5MM	-	5MM
JW98	C-9	12.5MM	12.5MM	-
JW100	B-10	10MM	10MM	-
PS602	I-5	-	2.7A	-
Q101	B-9	25C2712	25C2712	-
Q102	B-10	25C2712	25C2712	-
Q103	E-9	25A1162	25A1162	-
Q250	C-10	-	DTC144EK	-
R030	E-7	100k	-	100k
R033	E-6	100k	33k	100k
R035	D-6	100k	100k	-
R050	G-7	22k	22k	47k
R059	E-3	-	100	-
R060	E-3	-	100	-
R101	B-8	-	56k	-
R102	B-8	56k	56k	-
R103	B-8	82	82	-
R104	B-9	-	56k	-
R105	B-9	56k	56k	-
R106	B-9	82	82	-
R107	B-9	470	470	-
R108	B-9	470	470	-
R109	B-10	1k	1k	-
R110	C-10	470	470	-
R111	C-9	3.9k	3.9k	-
R112	B-10	10k	10k	-
R113	B-10	2.2k	2.2k	-
R114	D-9	82	82	-
R115	C-9	680	680	-
R116	C-9	680	680	-
R117	C-9	68	68	-
R118	C-9	-	39k	-
R119	C-9	39k	39k	-
R120	C-8	-	39k	-
R121	C-8	39k	39k	-
R122	F-9	-	1k	-
R123	E-9	1k	1k	-
R201	C-7	6.8k	-	6.8k
R202	C-7	4.7k	-	4.7k
R211	C-7	1k	-	1k
R212	C-7	10k	-	10k
R251	C-9	-	3.3k	-
R252	C-12	-	33k	-
R254	C-12	-	1.5k	-
R255	C-11	1k	1.5k	1k
R260	B-10	-	330	-
R263	C-10	8.2k	-	8.2k
R322	E-12	22k	22k	-
R612	I-5	0.47	-	0.47
TU151	A-5	BT-RG321	BT-RG422	BT-RG321
X358	E-13	○	○	-
YCM302	D-10	○	○	-

○: TO BE MOUNT
-: NOT MOUNT



TO PICTURE TUBE
TO C BOARD

- | | |
|---|-------|
| 4 | 6X4 |
| 5 | 6X5 |
| 6 | 6X6 |
| 7 | 6X8 |
| 8 | 200V |
| 9 | 1000V |



B-554758 (RUS)-A...

Cable Oper
V10E
V10F

- | | |
|---|------------|
| 1 | CABLE OPER |
| 2 | V10E |
| 3 | V10F |

A1 BOARD
1-1