

XT-P50V

SERVICE MANUAL

Ver 1.0 2002.09

AEP Model
UK Model
E Model
Australian Model
Chinese Model



The XT-P50V is composed of the following models.

TV tuner unit	XT-P50V
TV Antenna	VCA-116
Wireless Remote Commander	RM-X124

SPECIFICATIONS

Tuner unit

Reception format PAL
Power requirements 12 V DC, from car battery
(negative ground)
Power consumption Approx. 0.5 A
Inputs Video/audio (Sony BUS compatible)(1)
Sony BUS (1)
TV aerial (4)
Outputs Video/audio (Sony BUS compatible)(2)
Sony BUS (1)
Dimensions Approx. 185.5 × 31 × 137 mm
(W × H × D)
Mass Approx. 0.7 kg
Channel coverage

Wireless remote commander RM-X124

Power requirements CR2025 lithium battery
Operable range Approx. 2.5 m
Dimension 50 × 86 × 11.5 mm (W × H × D)
Mass Approx. 36 g (including a battery)

Design and specifications are subject to change without notice.

	CCIR	CHINA	UK	ITALY	AUSTRALIA
	2 - 4 CH	1 - 5 CH	—	A - C CH	0 - 4 CH
VHF LOW	48.25 MHz - 62.25 MHz	49.75 MHz - 85.25 MHz	—	53.75 MHz - 82.25 MHz	46.25 MHz - 95.25 MHz
	5 - 12 CH	6 - 12 CH	—	D - H2 CH	5 - 12 CH
VHF HIGH	175.25 MHz - 224.25 MHz	168.25 MHz - 216.25 MHz	—	175.25 MHz - 224.25 MHz	102.25 MHz - 224.25 MHz
	21 - 69 CH	13 - 57 CH	21 - 69 CH	21 - 69 CH	28 - 69 CH
UHF	471.25 MHz - 855.25 MHz	471.25 MHz - 863.25 MHz	471.25 MHz - 855.25 MHz	471.25 MHz - 855.25 MHz	527.25 MHz - 814.25 MHz
IF VIDEO	38.90 MHz	38.90 MHz	38.90 MHz	38.90 MHz	38.90 MHz
IF AUDIO	33.40 MHz	32.40 MHz	32.90 MHz	33.40 MHz	33.40 MHz

MOBILE TV TUNER

9-874-168-01

2002I0500-1

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Sony Corporation

e Vehicle Company

Published by Sony Engineering Corporation

SONY®



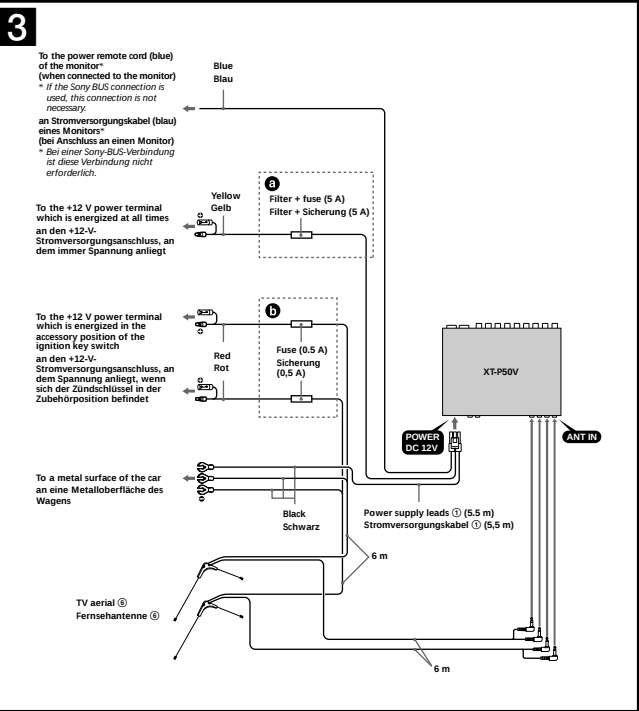
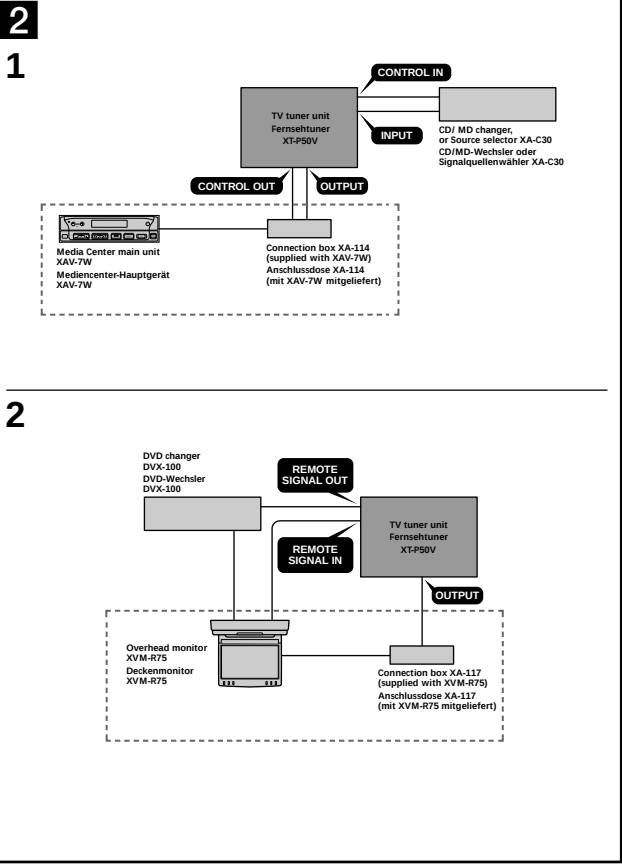
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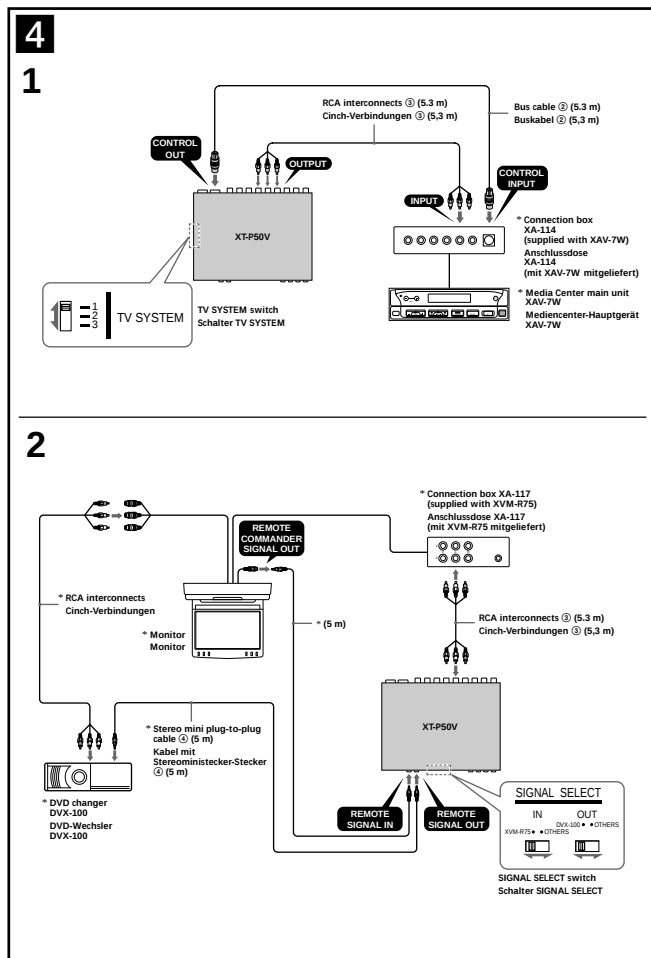
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Notes on chip component replacement

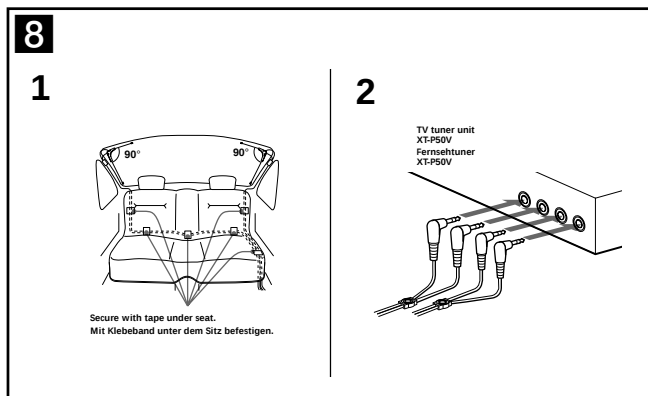
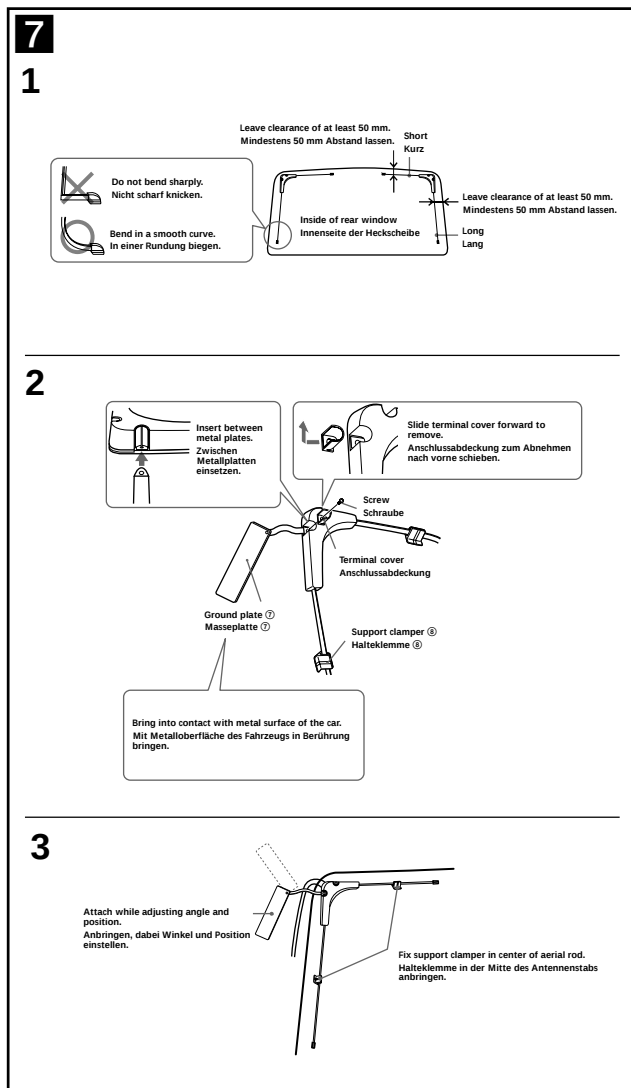
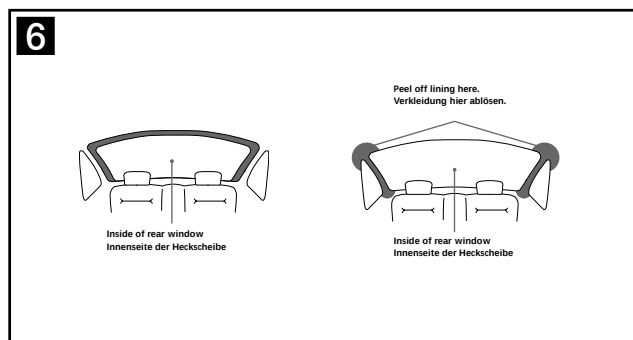
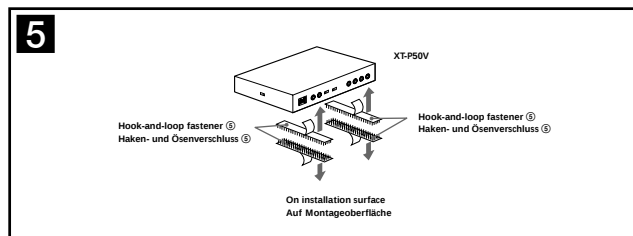
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

This section is extracted from instruction manual.

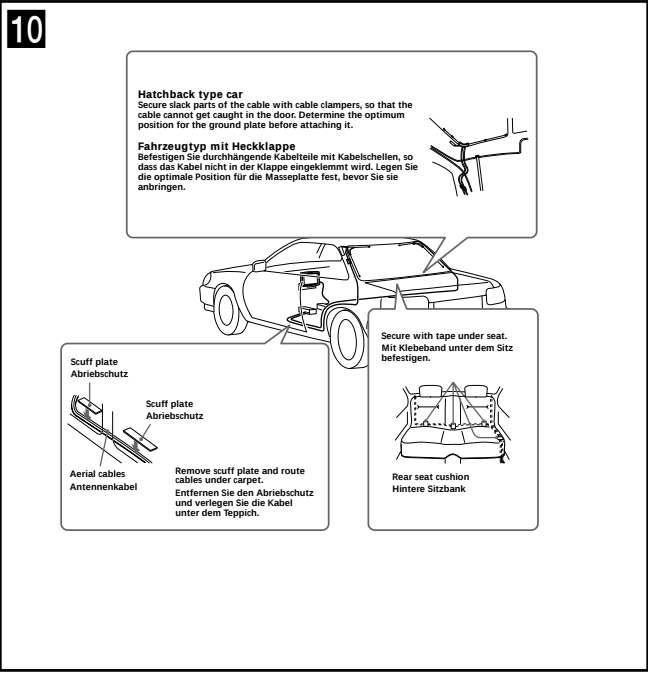
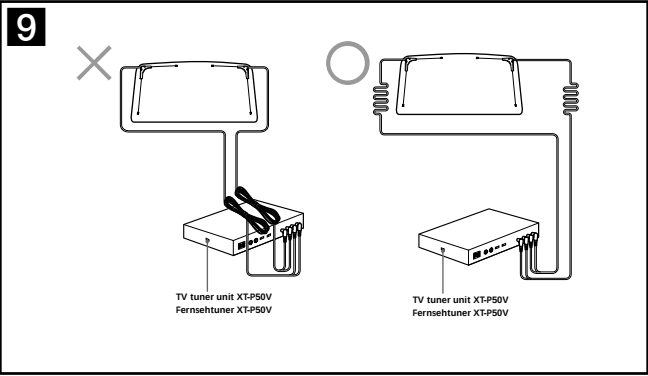




* option
Option



XT-P50V



Precautions

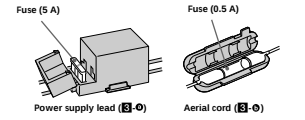
- This unit is designed for negative ground 12 V DC systems only.
- Do not get the wires under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the yellow and red power input leads only after all other leads have been connected.
- Run all ground wires to a common ground point.
- Be sure to insulate any loose unconnected wires with electrical tape for safety.

Notes on the power supply cord (yellow)

- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.



Parts list (11)

- The numbers in the list are keyed to those in the instructions.
- Use ⑧ and ⑨ to organize cords.

Connection example (2)

The XAV-7W is shown for the Sony BUS connection and the XVM-R75 is shown for the other connection in this operating instructions.

Power connection diagram (3)

Sony BUS connection diagram

(4-1)

When making the Sony BUS connection, the connected Media Center (ex: XAV-7W) is only controllable with the wireless remote commander supplied with the Media Center.

After connection

Set the TV SYSTEM selector on the side of the tuner unit, to the correct position for your area.
Be sure to reset the connected Media Center main unit after setting the TV system.

Position	Area
1	The United Kingdom
2	Europe and Italy
3	China and Hong Kong

IR connection diagram (4-2)

- Be sure to set the SIGNAL SELECT switch on the tuner unit according to the connected equipment, or the wireless remote commander does not respond.
- The Sony BUS connection takes priority over the IR connection.

SIGNAL SELECT OUT switch

Set the switch to "DVX-100" when DVX-100 is connected, and set to "OTHERS" when other equipment is connected.

SIGNAL SELECT IN switch

Set to "XVM-R75" when XVM-R75 is connected, and set to "OTHERS" when other equipment is connected.

Before installation

- Install the aerials only on the rear window.
- Keep the aerials away from other aerials on the car, such as for CB or amateur radio, cell phone, etc. If installed too close, aerials may cause mutual interference.
- On days of high humidity (rain, fog, etc.), make sure that the installation surface is fully dry before beginning the installation. Wet conditions will reduce the adhesive strength and may cause the aerials to fall off.
- If the installation surface is cold, warm it up first with the car heater, rear window defogger, a hair dryer or similar. This will increase adhesive strength.

Installing the TV tuner unit (5)

- Notes**
- Ensure that the mounting surface is clean.
 - Do not install the TV tuner unit
 - in locations subject to high temperatures.
 - in locations subject to direct sunlight, warm air from heater outlets, or other locations that can get hot.
 - When attaching the hook-and-loop fastener to the bottom of the TV tuner unit, do not cover the model name plate in the center.

Keep the units and connection cables apart.
The Media Center main unit, the monitor, TV tuner unit, and RCA interconnects should not be in close proximity. Otherwise noise interference may affect the TV picture.

Installing the TV aerials (6)

Select a fairly flat section of the rear window for installation. If the glass is strongly curved, the aerial may come loose. Wipe the intended installation area with a dry cloth to remove any moisture or dust.

In cars which have a lining (pillar) near the rear window, remove the lining to gain access to the metal for use as ground. It is not necessary to scratch off the paint from the metal surface.

In some cars, it may not be possible to extend the long rod fully. In such a case, bend the rod in a smooth curve.

Checking the mounting position for TV aerials (7-1)

Verify the left and right aerial positions. Pull the aerial rods straight out, and provisionally fasten them with tape or similar. Take care that the rods from the left and right aerials do not overlap or touch each other.

In some cars, it may not be possible to extend the long rod fully. In such a case, bend the rod in a smooth curve.

- Notes**
- When installing the aerials, try to avoid the defogger wiring.
 - Do not touch the adhesive surface or reposition the aerial, as this will decrease adhesive strength.
 - The short aerial rod should be on top. If the long rod is on top, sufficient sensitivity may not be achieved.

Attaching ground plate to aerials body (7-2)

Be sure to mount the ground plate ②. Otherwise aerial sensitivity will be reduced.
At this stage, the support clasper should only be snapped onto the aerial but not yet glued in place.

After installation

- For 24 hours after installation, do not subject the aerials to rain, splashes of water, or strong force.
- Before starting to drive, make sure that the aerials are securely fastened.
- Also after starting to use the system, check the aerials from time to time.
- Do not wipe the aerial body, rods, or cables with alcohol, benzene, solvents, gasoline, wax, or similar, as this can cause deformation or other damage.
- Reception may be impaired in the following locations:
 - Between tall buildings
 - In the vicinity of high voltage power lines
 - In the vicinity of flying aircraft
 - In the vicinity of electric trains and streetcars
 - In mountainous areas or areas far removed from broadcast transmitters
 - In tunnels
 - Very close to commercial, amateur radio transmitters or Sony TV tuner unit XT-P50V

Peeling off covering paper on bottom of aerial and sticking aerial onto mounting surface (7-3)

Stick the aerial onto the mounting surface, with the rods extended straight.

Tip
Before attaching the aerials, make sure that the installation surface is clean.

Precautions on TV aerial installation

- Mount the aerials only on the inside of the rear window.
- Do not install the aerials in locations which may obstruct the driver's view.
- Be sure to connect the power supply lead to the ACC circuit.
- Keep the TV aerial cables as far away as possible from wiring for an external amplifier and rear speakers.

Routing TV aerial cables (8-1)

Refer to the wiring diagram ⑩.

- Notes**
- Pull out the TV aerial rods as much as possible, but take care that the rods do not cross or touch each other.
 - In some cars, the shape or size of the rear window or the opening of the rear gate may prevent installation of the aerials. For details, consult your dealer.

Connecting TV aerial cables to TV tuner unit (8-2)

Dealing with excessive TV aerial cable length (9)

If you coil the aerial cable and place it in the vicinity of the TV tuner unit, noise may occur. Do not coil the cable, and keep it as far as possible from the TV tuner unit.

Wiring (10)

If cables become tangled with the gear shift lever or other controls, there is a severe risk of accident.
When using the Media Center main unit or the monitor, keep the RCA interconnects as far away from the aerial cables as possible. Otherwise noise may appear on the TV picture.

SECTION 2 TEST MODE

MICROPROCESSOR VERSION CHECK

Checking Method:

1. Set TV SYSTEM switch of XT-P50V to 2.
2. Connect XAV-7W and turn on the power for OFF screen status.
3. Press the preset [4] button on the wireless remote commander (RM-X118*), press the preset [5] button next, then press the preset [2] button for more than 2 seconds.
4. Switch mode of TV1, press the preset [6] button on the wireless remote commander (RM-X118*) to call No.6.
5. "21ch" is displayed on upper right of the screen and version of the microprocessor is indicated below.

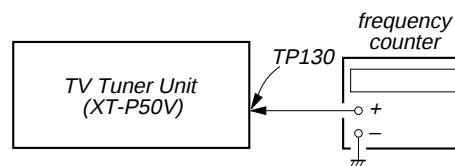
Note: When the power is turned off after the above is executed (just after turning off, reset is executed), both SONY BUS connected/SONY BUS disconnected status become initialized status. (TV ch becomes factory shipping setting)

*) RM-X118 (Part No. 1-477-110-22) is wireless remote commander which is an accessory of XAV-7W.

SECTION 3 ELECTRICAL ADJUSTMENTS

DIVERSITY VCO FREQUENCY ADJUSTMENT

Connection:



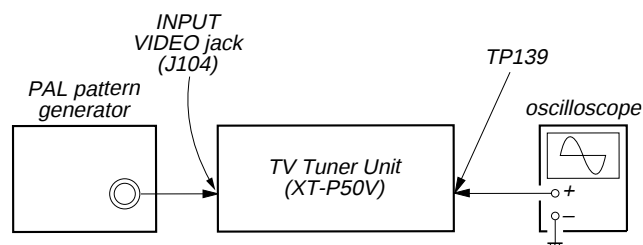
Adjusting Method:

1. Connect the TP131 and GND on the HIDEAWAY board with to activate the test mode.
2. Connect the frequency counter to the TP130 on the HIDEAWAY board.
3. Adjust the CT100 on the HIDEAWAY board so that the value of the frequency counter becomes 15.625 ± 0.02 kHz.

Adjusting and Connecting Location: HIDEAWAY Board

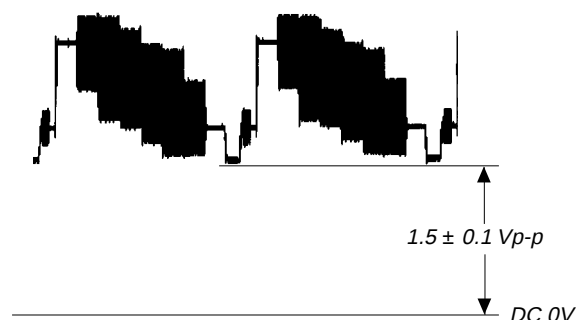
OSD ADJUSTMENT

Connection:



Adjusting Method:

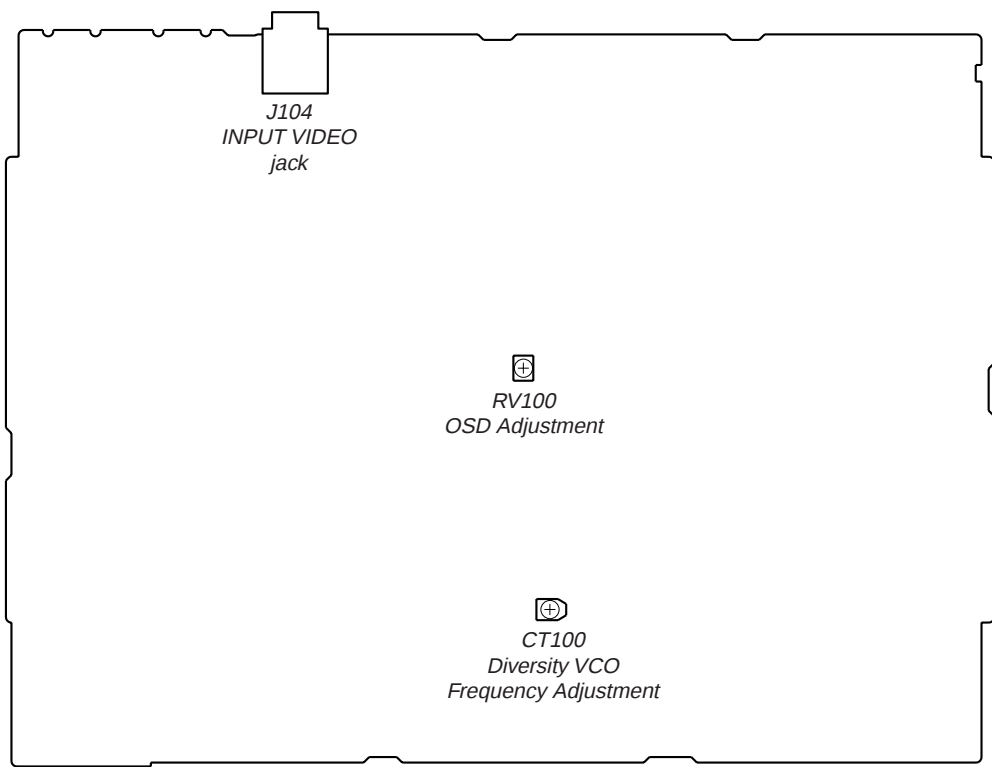
1. Connect the PAL pattern generator to the INPUT VIDEO jack (J104) on the HIDEAWAY board.
2. Connect the oscilloscope to the TP139 on the HIDEAWAY board.
3. Adjust the RV100 on the HIDEAWAY board so that the clamp voltage of the waveform on the oscilloscope becomes 1.5 ± 0.1 V.



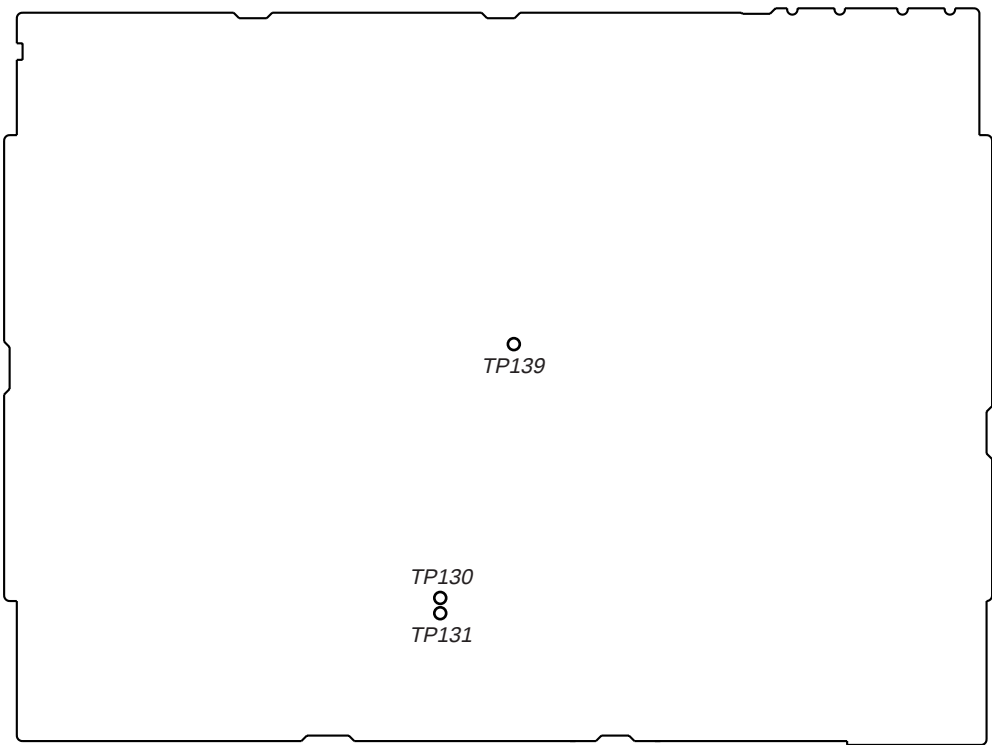
Adjusting and Connecting Location: HIDEAWAY Board

Adjusting and Connecting Location:

– HIDEAWAY BOARD (Component Side) –

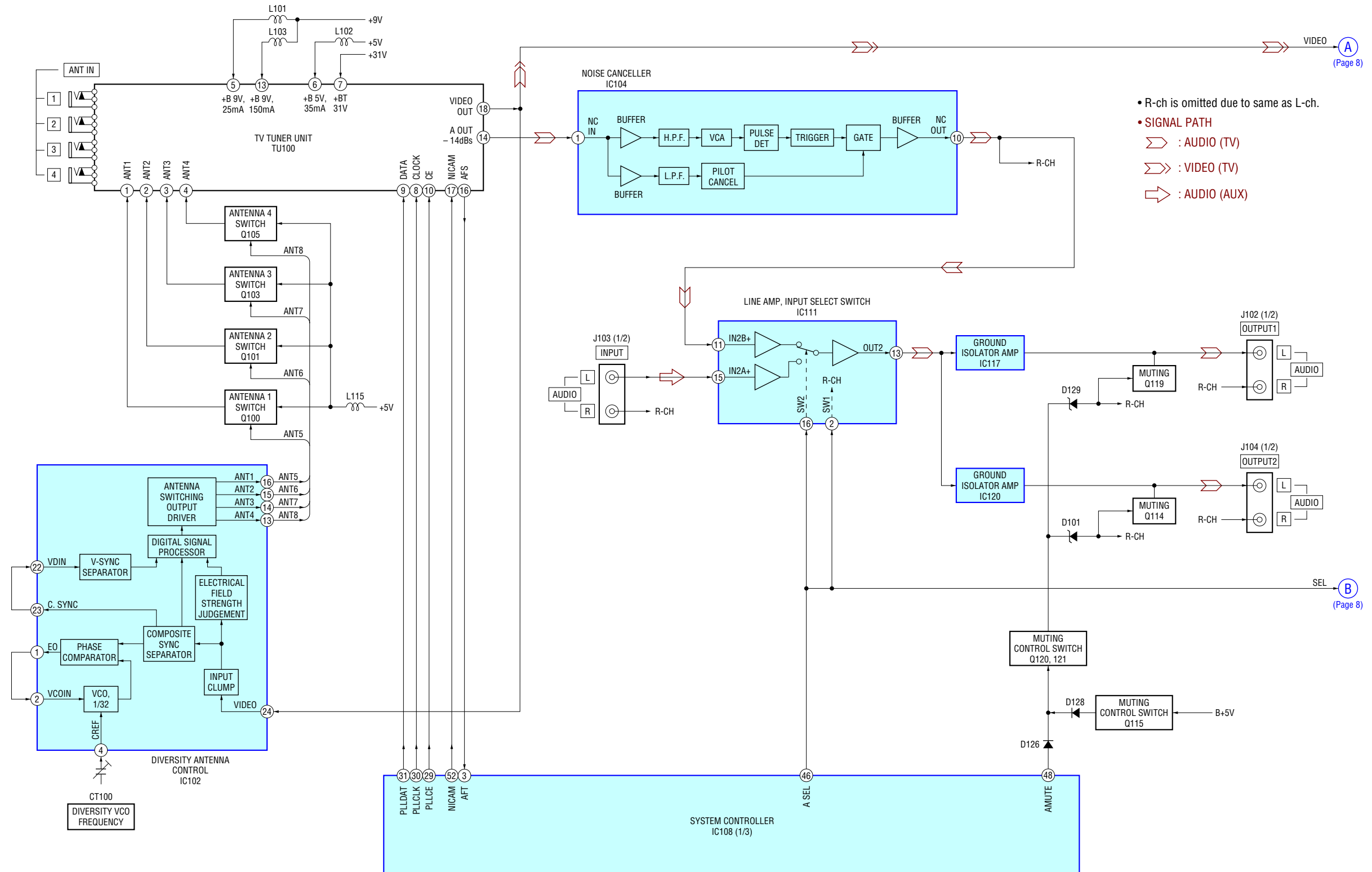


– HIDEAWAY BOARD (Conductor Side) –

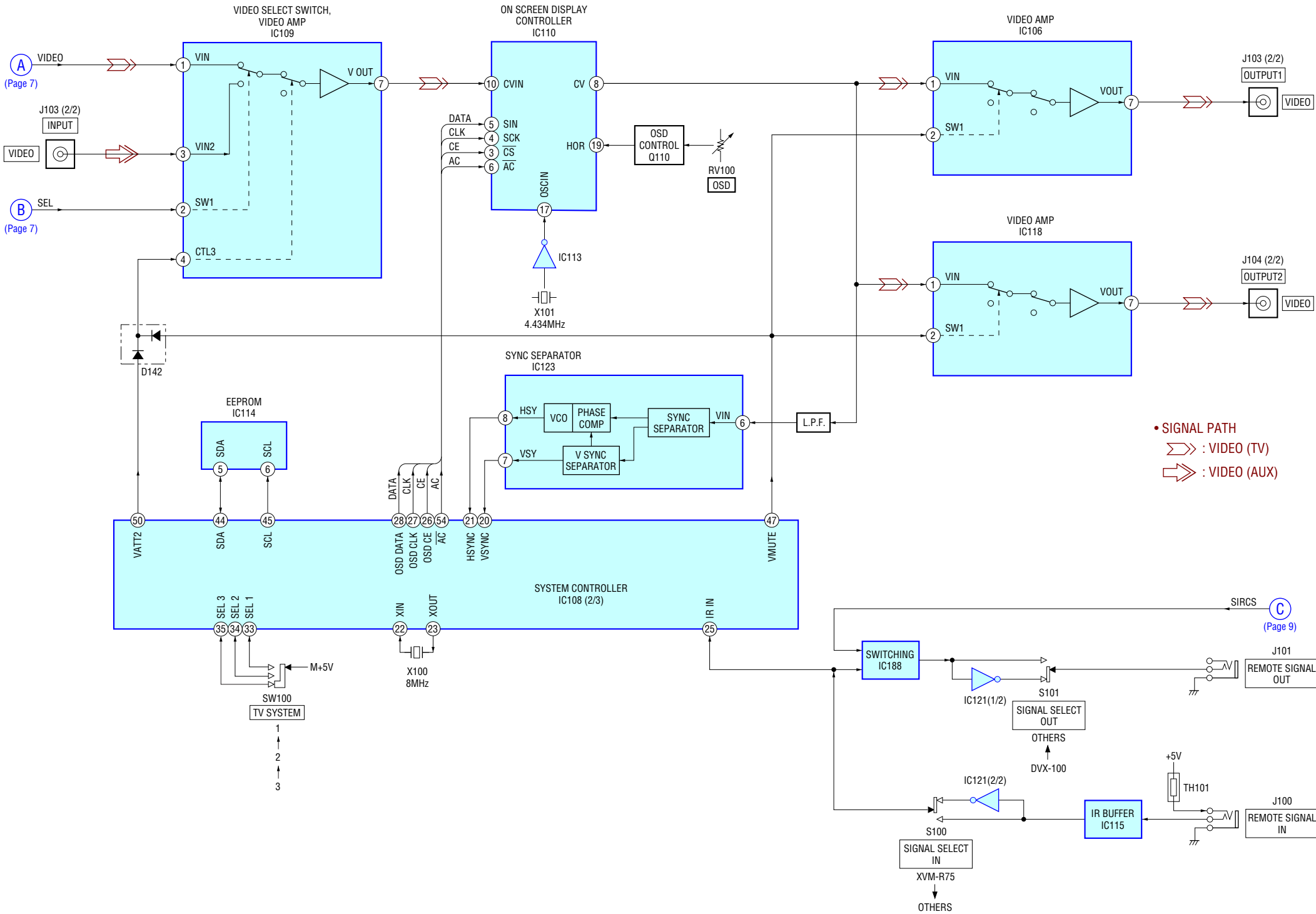


SECTION 4 DIAGRAMS

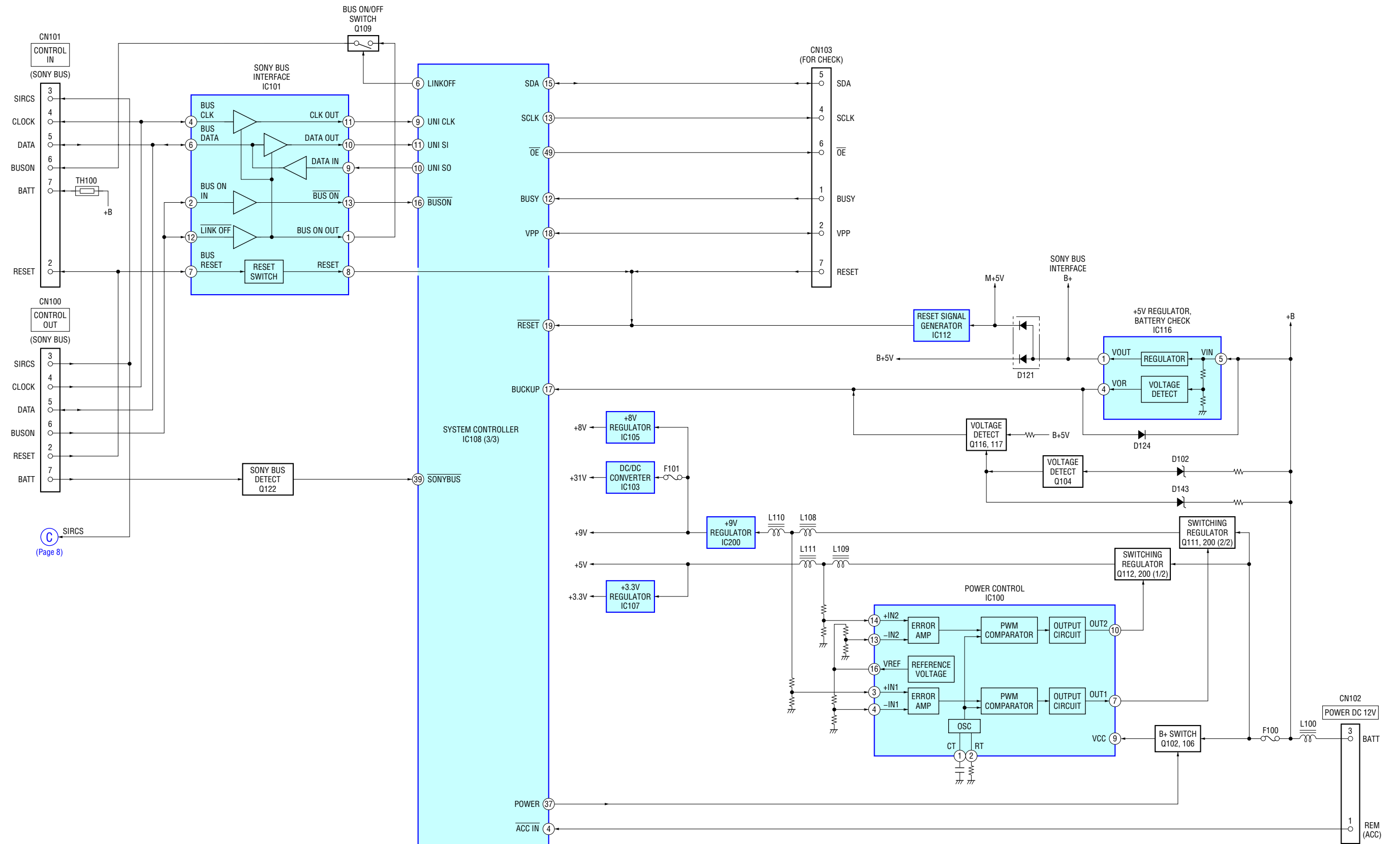
4-1. BLOCK DIAGRAM – AUDIO Section –



4-2. BLOCK DIAGRAM – VIDEO Section –



4-3. BLOCK DIAGRAM – BUS CONTROL/POWER SUPPLY Section –



4-4. NOTE FOR PRINTED WIRING BOARD AND SCHEMATIC DIAGRAMS

Note on Printed Wiring Board:

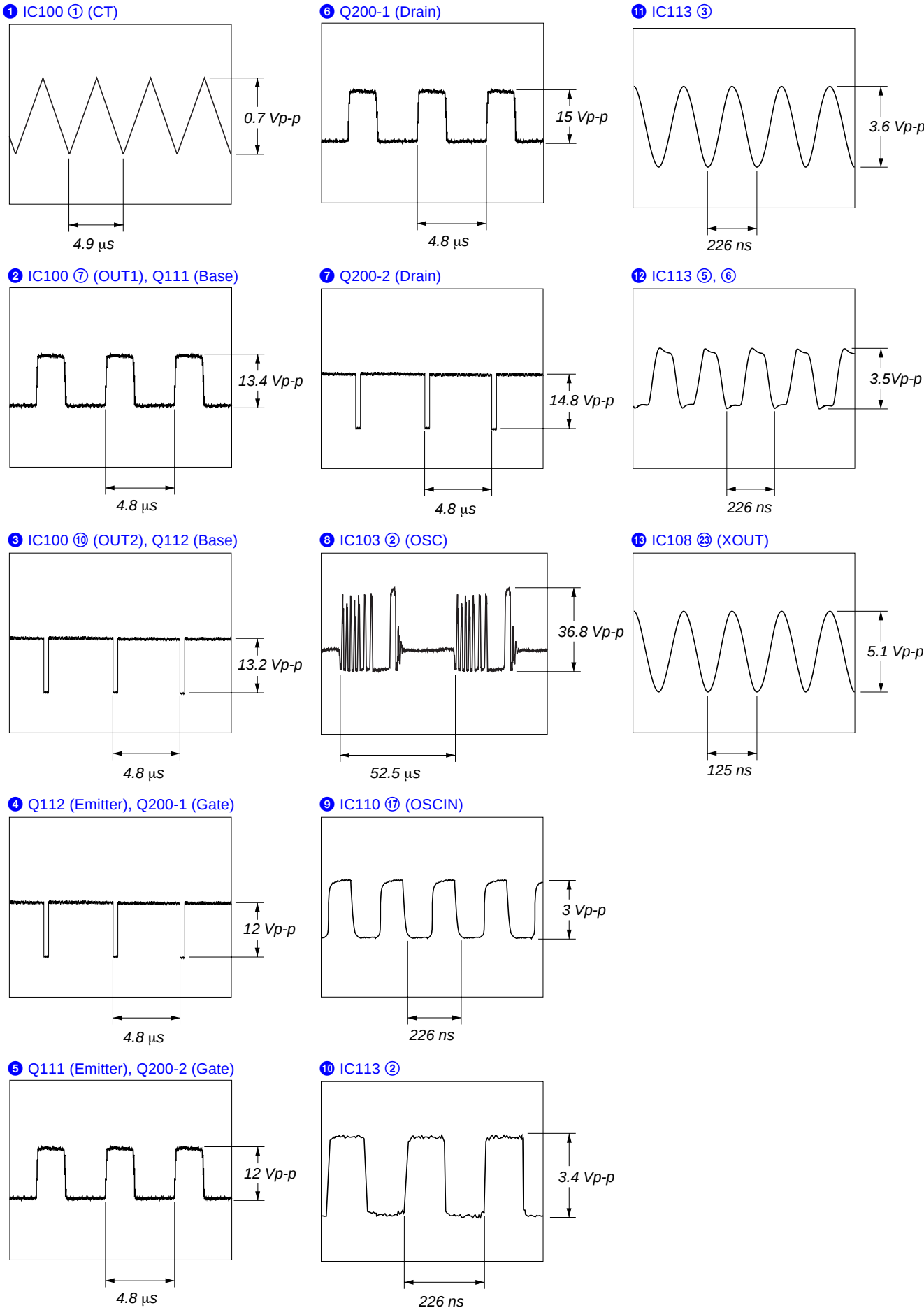
- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

Caution:
Pattern face side: Parts on the pattern face side seen from the pattern face are indicated.
(Conductor Side)
Parts face side: Parts on the parts face side seen from the parts face are indicated.
(Component Side)

Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF : $\mu\mu\text{F}$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- : panel designation.
- : B+ Line.
- : adjustment for repair.
- Power voltage is dc 14.4V and fed with regulated dc power supply from BATT and REM (ACC) cord.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : TV mode
- Voltages are taken with a VOM (Input impedance 10 M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
Σ : AUDIO (TV)
Σ> : VIDEO (TV)
⇒ : AUDIO (AUX)
⇒> : VIDEO (AUX)

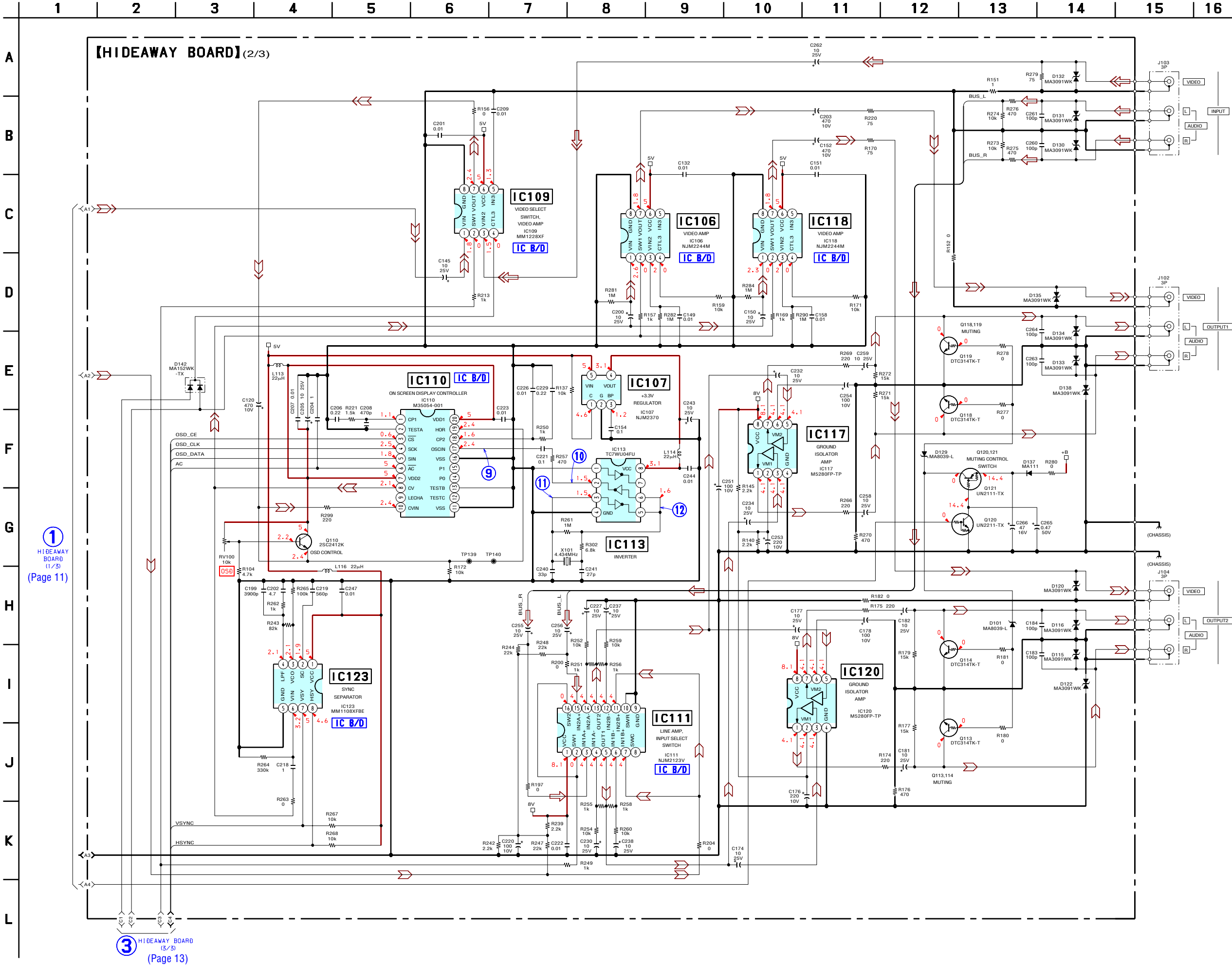
Waveforms



② HIDEAWAY BOARD
(3/3)
(Page 13)



4-6. SCHEMATIC DIAGRAM – HIDEAWAY Board (2/3) – • See page 10 for Waveforms. • See page 16 for IC Block Diagrams.



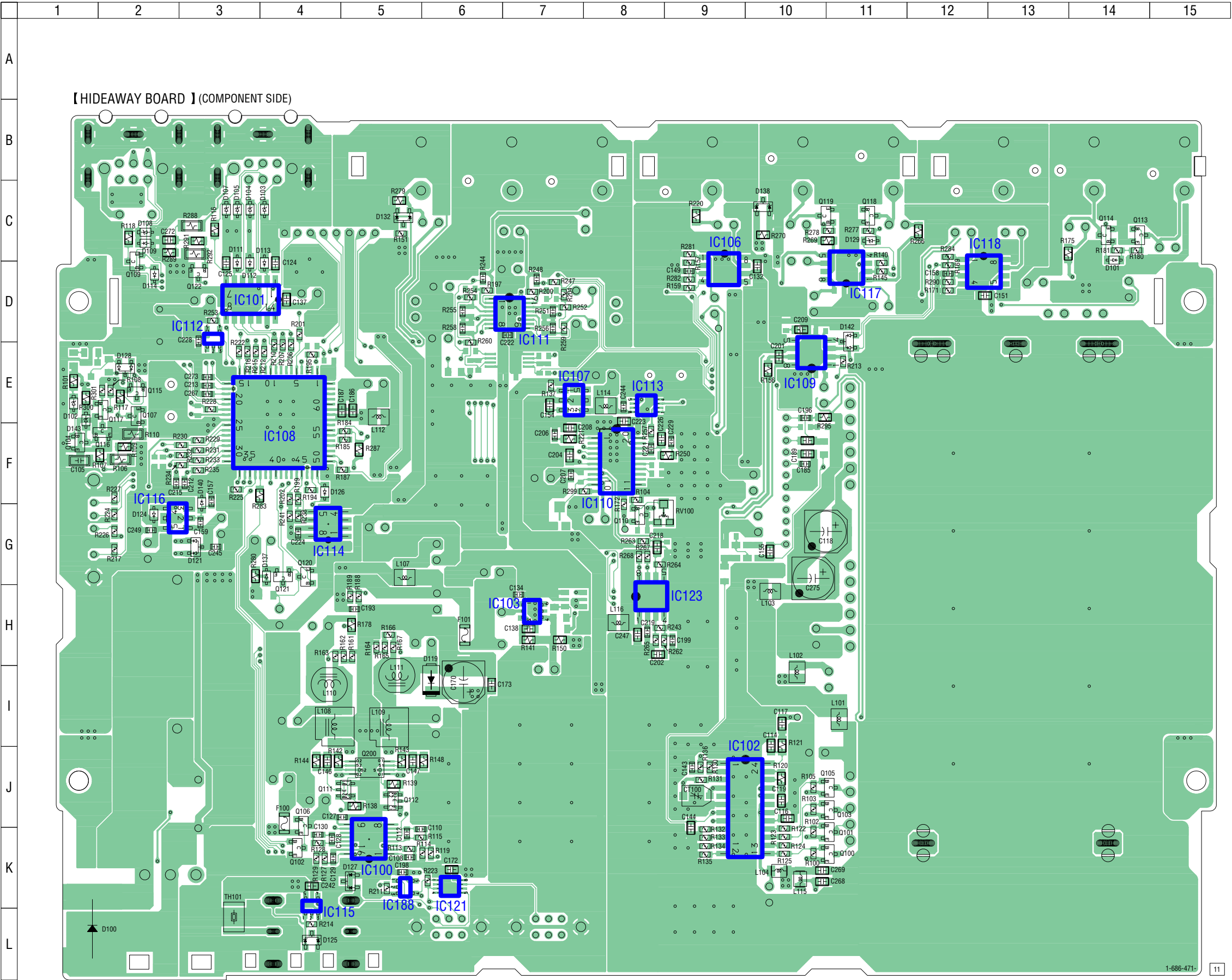
② HIDEAWAY BOARD (Page 11)
(1/3)



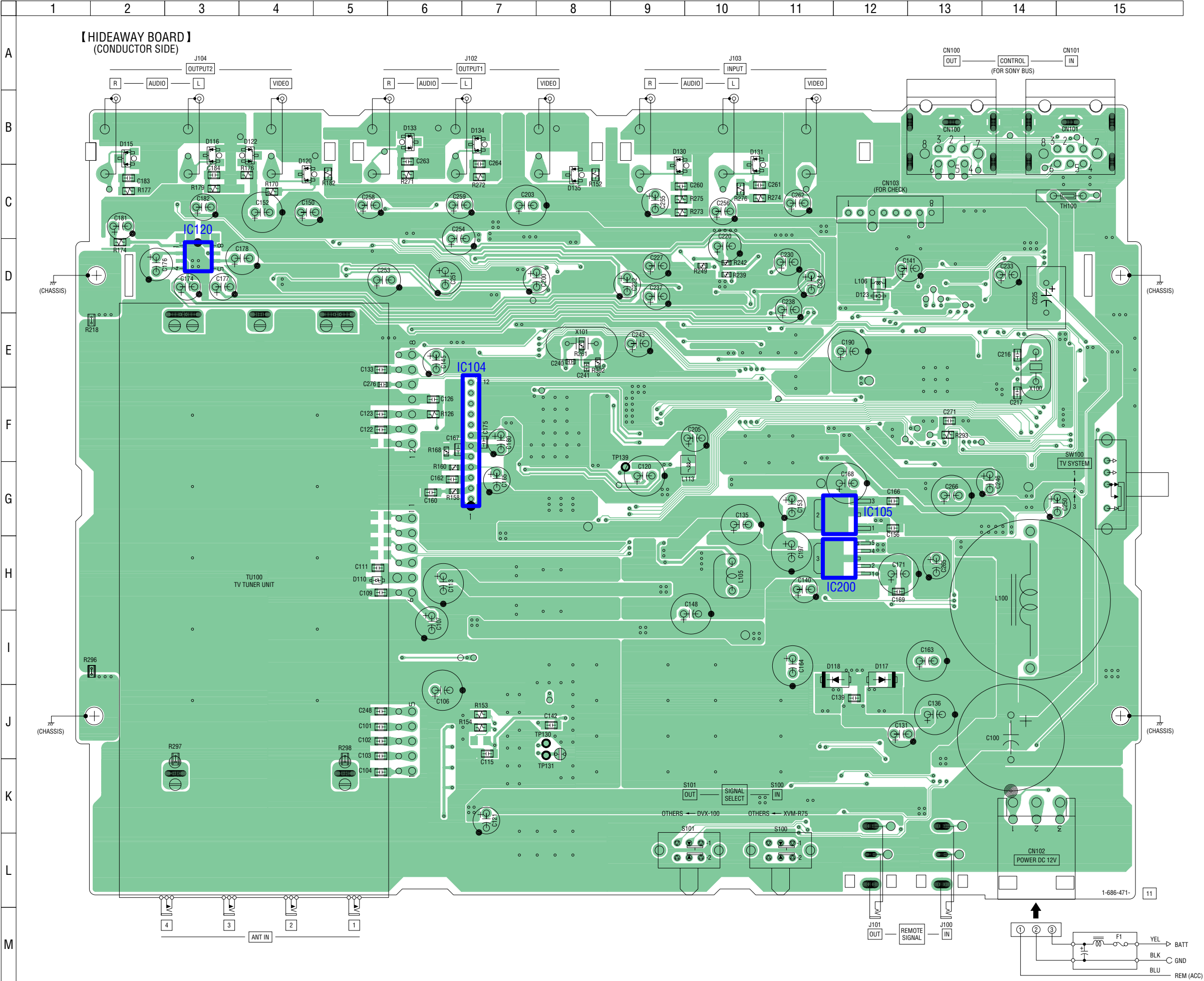
4-8. PRINTED WIRING BOARD – HIDEAWAY Board (Component Side) –

• Semiconductor Location

Ref. No.	Location
D100	L-1
D101	C-14
D102	E-1
D103	C-4
D104	C-3
D105	C-3
D107	C-3
D108	C-2
D109	C-2
D111	D-3
D112	D-3
D113	D-4
D114	D-2
D119	I-6
D121	G-3
D124	G-2
D125	L-4
D126	F-4
D127	K-5
D128	E-2
D129	C-11
D132	C-5
D137	G-4
D138	C-10
D140	F-3
D142	D-11
D143	E-1
IC100	K-5
IC101	D-3
IC102	J-9
IC103	H-7
IC106	D-9
IC107	E-7
IC108	F-4
IC109	E-10
IC110	F-8
IC111	D-7
IC112	D-3
IC113	E-8
IC114	G-4
IC115	K-4
IC116	G-2
IC117	D-11
IC118	D-12
IC121	K-6
IC123	H-8
IC188	K-5
Q100	K-11
Q101	K-11
Q102	K-4
Q103	J-11
Q104	F-1
Q105	J-11
Q106	J-4
Q107	E-2
Q109	D-2
Q110	G-8
Q111	J-5
Q112	J-5
Q113	C-14
Q114	C-14
Q115	E-2
Q116	F-2
Q117	E-2
Q118	C-11
Q119	C-11
Q120	G-4
Q121	G-4
Q122	D-3
Q200	J-5



4-9. PRINTED WIRING BOARD – HIDEAWAY Board (Conductor Side) –



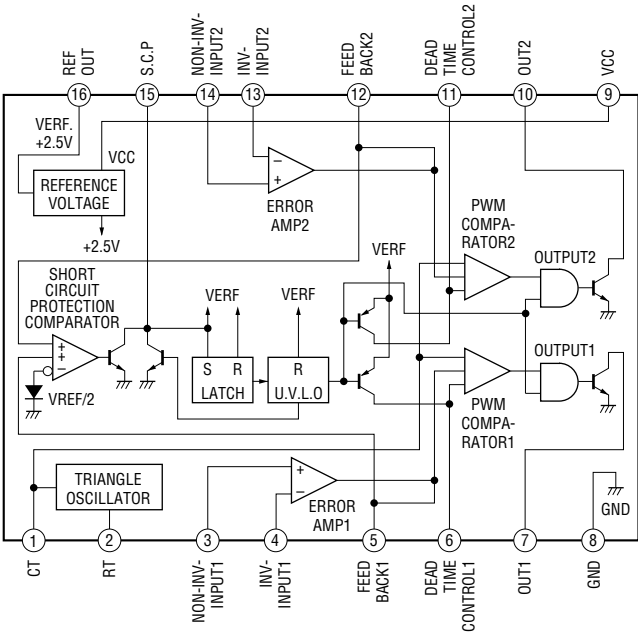
• Semiconductor Location

Ref. No.	Location
D110	H-5
D115	B-2
D116	B-3
D117	I-12
D118	I-12
D120	C-4
D122	B-4
D123	D-12
D130	C-9
D131	C-10
D133	B-6
D134	B-7
D135	C-8
IC104	F-7
IC105	G-12
IC120	D-3
IC200	H-12

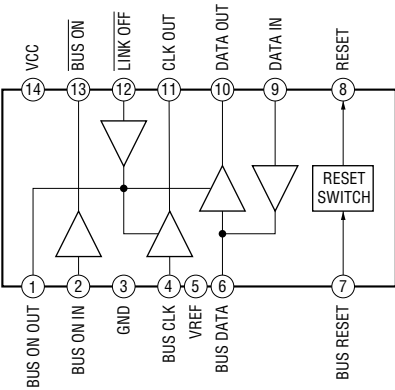
XT-P50V

• IC Block Diagrams

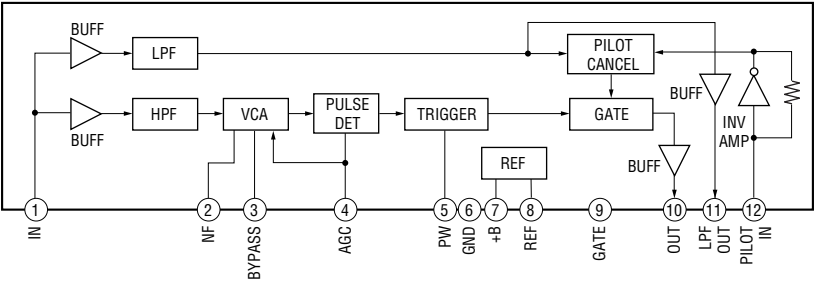
IC100 TL1451ACDB



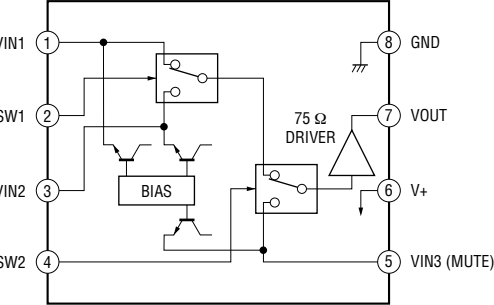
IC101 BA8272F-E2



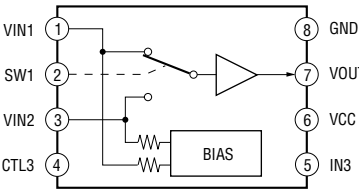
IC104 TA2005SN



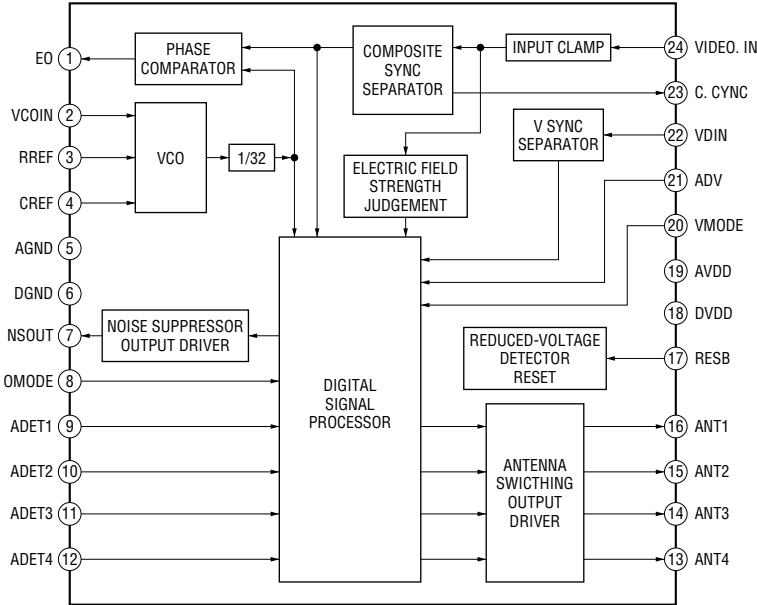
IC106, 118 NJM2244M-TE2



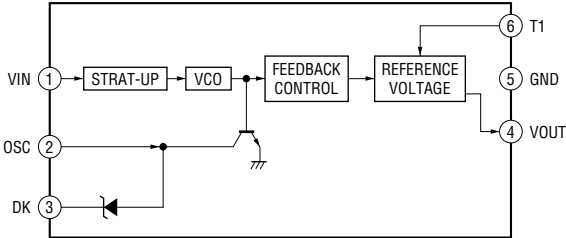
IC109 MM1228XFBE



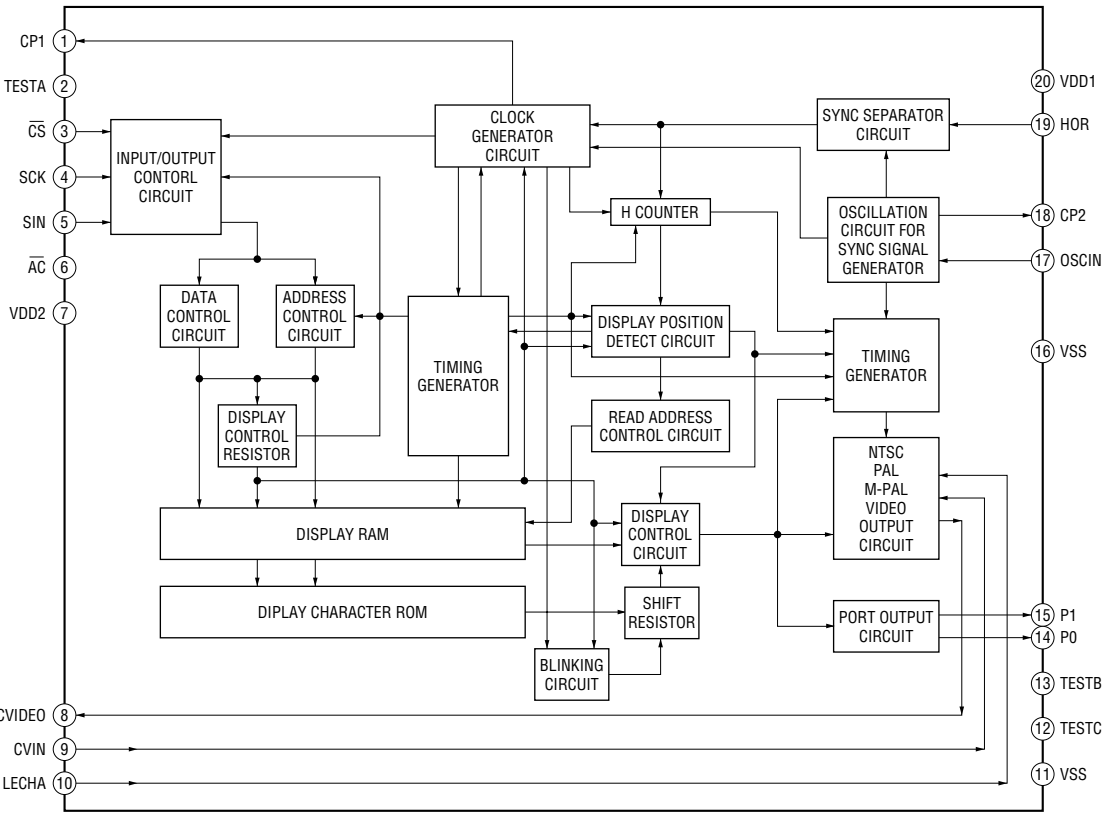
IC102 CM0018AM



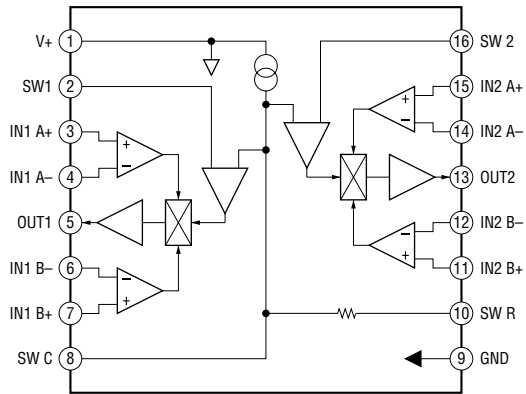
IC103 TK11819MTL



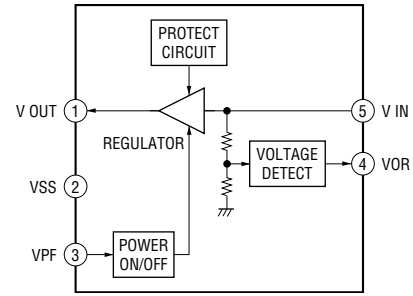
IC110 M35054-001FP



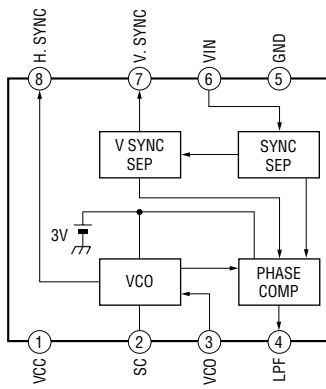
IC111 NJM2123V (TE2)



IC116 S-875271CUP-AHA-T2



IC123 MM1108XFBE



4-10. IC PIN FUNCTION DESCRIPTION

• IC108 M38039FFFP-081 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1, 2	N.C.O	I	Not used
3	AFT	I	Auto fine tuning detection signal input from the TV tuner unit
4	ACC IN	I	Accessory detection signal input “L”: accessory on
5	N.C.O	I	Not used
6	LINKOFF	O	Link on/off control signal output for the SONY bus “H”: link off
7, 8	N.C.O	I	Not used
9	UNI CLK	I	Serial data transfer clock signal input from the SONY bus interface
10	UNI SO	O	Serial data output to the SONY bus interface
11	UNI SI	I	Serial data input from the SONY bus interface
12	BUSY	I	Busy signal input terminal
13	SCLK	O	Serial data transfer clock signal output terminal
14	N.C.O	I	Not used
15	SDA	I/O	Two-way data bus terminal
16	BUSON	I	Bus on/off control signal input from the SONY bus interface “L”: bus on
17	BUCKUP	I	Battery detection signal input “H”: battery on
18	VPP	I	VPP signal input terminal
19	RESET	I	System reset signal input from the SONY bus interface and reset signal generator “L”: reset For several hundreds msec. after the power supply rises, “L” is input, then it changes to “H”
20	VSYNC	I	Vertical sync signal input from the sync separator
21	HSYNC	I	Horizontal sync signal input from the sync separator
22	XIN	I	Main system clock input terminal (8 MHz)
23	XOUT	O	Main system clock output terminal (8 MHz)
24	VSS	—	Ground terminal
25	IR IN	I	IR data input
26	OSD CE	O	Chip enable signal output to the on screen display controller “H” active
27	OSD CLK	O	Serial data transfer clock signal output to the on screen display controller
28	OSD DATA	O	Serial data output to the on screen display controller
29	PLLCE	O	Chip enable signal output to the TV tuner unit “H” active
30	PLLCLK	O	Serial data transfer clock signal output to the TV tuner unit
31	PLLDAT	O	Serial data output to the TV tuner unit
32	N.C.O	I	Not used
33 to 35	SEL 1 to SEL 3	I	TV SYSTEM switch input terminal
36	N.C.O	I	Not used
37	POWER	O	System power supply on/off control signal output “H”: power on
38	N.C.O	I	Not used
39	SONYBUS	I	SONY bus detection signal input “L”: SONY bus connected
40 to 43	N.C.O	I	Not used
44	SDA	I/O	Two-way data bus with the EEPROM
45	SCL	O	Serial data transfer clock signal output to the EEPROM
46	A SEL	O	TV/CD changer audio selection signal output “L”: TV, “H”: CD/DVD changer
47	VMUTE	O	Video line muting on/off control signal output “H”: muting on
48	AMUTE	O	Audio line muting on/off control signal output “H”: muting on
49	OE	O	Output enable signal output terminal “L” active
50	VATT2	O	Video line muting on/off control signal output “H”: muting on
51	N.C.O	I	Not used

Pin No.	Pin Name	I/O	Description
52	NICAM	O	Destination setting terminal of TV tuner unit Normally: fixed at “L”, “H”: hong kong and south africa area models
53	N.C.O	I	Not used
54	$\overline{AC}$	O	OSD data clear control signal output to the on screen display controller “L”: all clear
55, 56	N.C.O	I	Not used
57	VCC	—	Power supply terminal (+5V)
58	VREF	I	Reference voltage (+5V) input terminal (for A/D, D/A converter)
59	AVSS	—	Ground terminal (for A/D, D/A converter)
60 to 64	N.C.O	I	Not used

SECTION 5

EXPLODED VIEW

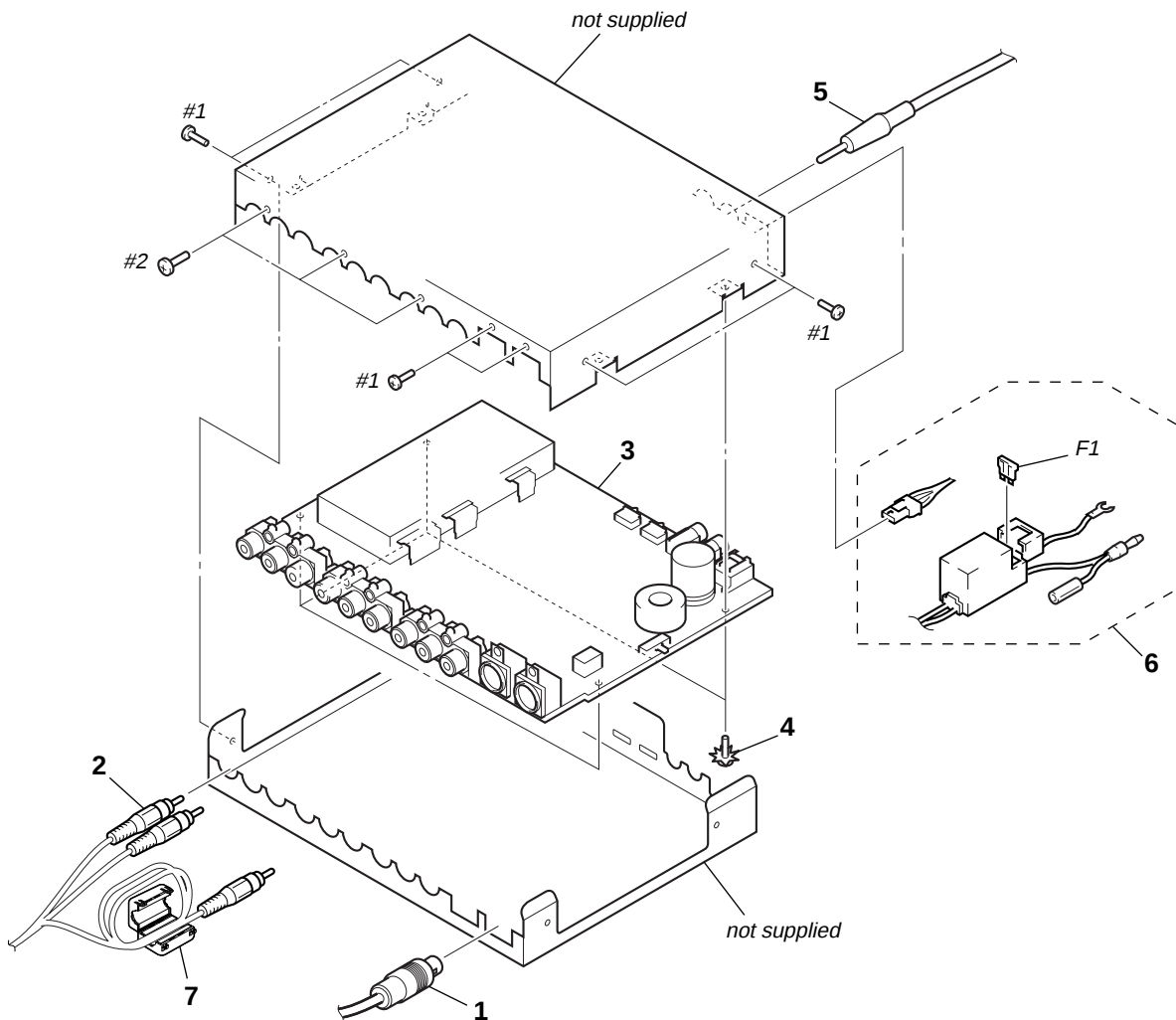
NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) . . . (RED)
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Accessories are given in the last of the electrical parts list.

Example:

KNOB, BALANCE (WHITE) . . . (RED)

Parts Color Cabinet's Color



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
1	1-590-519-21	CORD (WITH CONNECTOR) (BUS)		6	1-824-788-11	CORD, CONNECTION (POWER)	
2	1-824-336-11	CORD, CONNECTION (RCA)		7	1-543-653-11	CORE ASSY, BEAD (DIVISION TYPE)	
3	A-3274-571-A	HIDEAWAY BOARD, COMPLETE		F1	1-532-796-11	FUSE (BLADE TYPE) (AUTO FUSE) (5A/32V)	
4	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT		#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
5	1-824-545-11	CORD, CONNECTION (STEREO MINI)		#2	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	

SECTION 6

ELECTRICAL PARTS LIST

HIDEAWAY

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- Items marked “*” are not stocked since they are seldom required for routine service.
Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA. . : μ A. . uPA. . : μ PA. .
uPB. . : μ PB. . uPC. . : μ PC. .
uPD. . : μ PD. .
- CAPACITORS
uF: μ F
- COILS
uH: μ H

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark				Ref. No.	Part No.	Description	Remark			
	A-3274-571-A	HIDEAWAY BOARD, COMPLETE	*****										
		< CAPACITOR >											
C100	1-128-754-11	ELECT	3300uF	20%	25V		C140	1-126-795-11	ELECT	10uF	20%	25V	
C101	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V		C141	1-126-795-11	ELECT	10uF	20%	25V	
C102	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V		C142	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C103	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V		C143	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C104	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V		C144	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C105	1-125-827-11	CERAMIC CHIP	1uF	10%	25V		C145	1-126-795-11	ELECT	10uF	20%	25V	
C106	1-126-382-11	ELECT	100uF	20%	16V		C146	1-127-573-11	CERAMIC CHIP	1uF	10%	16V	
C107	1-128-526-11	ELECT	100uF	20%	10V		C147	1-127-573-11	CERAMIC CHIP	1uF	10%	16V	
C108	1-162-959-11	CERAMIC CHIP	330PF	5%	50V		C148	1-126-350-11	ELECT	4.7uF	20%	63V	
C109	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V		C149	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C110	1-162-959-11	CERAMIC CHIP	330PF	5%	50V		C150	1-126-795-11	ELECT	10uF	20%	25V	
C111	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V		C151	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C112	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		C152	1-104-652-11	ELECT	470uF	20%	10V	
C113	1-107-909-11	ELECT	47uF	20%	50V		C153	1-126-795-11	ELECT	10uF	20%	25V	
C114	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V		C154	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V	
C115	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V		C155	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V	
C116	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V		C156	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C117	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V		C157	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C118	1-135-599-11	ELECT CHIP	39uF	20%	16V		C158	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C119	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V		C159	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C120	1-104-652-11	ELECT	470uF	20%	10V		C160	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V	
C121	1-126-795-11	ELECT	10uF	20%	25V		C162	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V	
C122	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V		C163	1-126-382-11	ELECT	100uF	20%	16V	
C123	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V		C164	1-126-382-11	ELECT	100uF	20%	16V	
C124	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V		C165	1-126-795-11	ELECT	10uF	20%	25V	
C125	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V		C166	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C126	1-163-023-00	CERAMIC CHIP	0.015uF	5%	50V		C167	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V	
C127	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		C168	1-126-382-11	ELECT	100uF	20%	16V	
C128	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		C169	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C129	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C170	1-135-599-11	ELECT CHIP	39uF	20%	16V	
C130	1-162-959-11	CERAMIC CHIP	330PF	5%	50V		C171	1-126-382-11	ELECT	100uF	20%	16V	
C131	1-126-795-11	ELECT	10uF	20%	25V		C172	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C132	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V		C173	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C133	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V		C174	1-126-795-11	ELECT	10uF	20%	25V	
C134	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		C175	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V	
C135	1-104-957-11	ELECT	47uF	20%	16V		C176	1-107-889-11	ELECT	220uF	20%	10V	
C136	1-126-382-11	ELECT	100uF	20%	16V		C177	1-126-795-11	ELECT	10uF	20%	25V	
C137	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V		C178	1-128-526-11	ELECT	100uF	20%	10V	
C138	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V		C180	1-126-795-11	ELECT	10uF	20%	25V	
C139	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V		C181	1-126-795-11	ELECT	10uF	20%	25V	
							C182	1-126-795-11	ELECT	10uF	20%	25V	
							C183	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
							C184	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	

HIDEAWAY

Ref. No.	Part No.	Description	Remark		
C185	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C186	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C187	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C189	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C190	1-104-957-11	ELECT	47uF	20%	16V
C192	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C193	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C196	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C197	1-126-382-11	ELECT	100uF	20%	16V
C198	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C199	1-164-173-11	CERAMIC CHIP	0.0039uF	10%	50V
C200	1-126-795-11	ELECT	10uF	20%	25V
C201	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C202	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V
C203	1-104-652-11	ELECT	470uF	20%	10V
C204	1-127-573-11	CERAMIC CHIP	1uF	10%	16V
C205	1-126-795-11	ELECT	10uF	20%	25V
C206	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C207	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C208	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C209	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C212	1-162-959-11	CERAMIC CHIP	330PF	5%	50V
C213	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C215	1-162-959-11	CERAMIC CHIP	330PF	5%	50V
C216	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C217	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C218	1-127-573-11	CERAMIC CHIP	1uF	10%	16V
C219	1-164-363-11	CERAMIC CHIP	560PF	5%	50V
C220	1-128-526-11	ELECT	100uF	20%	10V
C221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C222	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C223	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C224	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C225	1-125-710-11	DOUBLE LAYER	0.1F		5.5V
C226	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C227	1-126-795-11	ELECT	10uF	20%	25V
C228	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C229	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C230	1-126-795-11	ELECT	10uF	20%	25V
C232	1-126-795-11	ELECT	10uF	20%	25V
C233	1-126-795-11	ELECT	10uF	20%	25V
C234	1-126-795-11	ELECT	10uF	20%	25V
C237	1-126-795-11	ELECT	10uF	20%	25V
C238	1-126-795-11	ELECT	10uF	20%	25V
C240	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C241	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C242	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C243	1-126-795-11	ELECT	10uF	20%	25V
C244	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C245	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C246	1-126-795-11	ELECT	10uF	20%	25V
C247	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C248	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C249	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C250	1-126-795-11	ELECT	10uF	20%	25V
C251	1-128-526-11	ELECT	100uF	20%	10V
C253	1-107-889-11	ELECT	220uF	20%	10V

Ref. No.	Part No.	Description	Remark		
C254	1-128-526-11	ELECT	100uF	20%	10V
C255	1-126-795-11	ELECT	10uF	20%	25V
C256	1-126-795-11	ELECT	10uF	20%	25V
C258	1-126-795-11	ELECT	10uF	20%	25V
C259	1-126-795-11	ELECT	10uF	20%	25V
C260	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C261	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C262	1-126-795-11	ELECT	10uF	20%	25V
C263	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C264	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C265	1-115-870-11	ELECT	0.47uF	20%	50V
C266	1-104-957-11	ELECT	47uF	20%	16V
C267	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C268	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C269	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C271	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C272	1-127-573-11	CERAMIC CHIP	1uF	10%	16V
C273	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C275	1-135-599-11	ELECT CHIP	39uF	20%	16V
C276	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
< CONNECTOR >					
CN100	1-580-907-31	PLUG, CONNECTOR (CONTROL OUT)			
CN101	1-580-907-31	PLUG, CONNECTOR (CONTROL IN)			
CN102	1-793-286-11	PIN, CONNECTOR (PC BOARD) 3P			
		(POWER DC 12V)			
* CN103	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P			
< TRIMMER >					
CT100	1-141-322-11	CAP, CHIP TYPE TRIMMER			
< DIODE >					
D100	8-719-067-09	DIODE ZSA5MA27			
D101	8-719-422-16	DIODE MA8039-L-TX			
D102	8-719-057-80	DIODE MA8180-M-TX			
D103	8-719-057-80	DIODE MA8180-M-TX			
D104	8-719-057-80	DIODE MA8180-M-TX			
D105	8-719-057-80	DIODE MA8180-M-TX			
D107	8-719-057-80	DIODE MA8180-M-TX			
D108	8-719-057-80	DIODE MA8180-M-TX			
D109	8-719-421-27	DIODE MA728			
D110	8-719-042-79	DIODE MA8300-H			
D111	8-719-421-27	DIODE MA728			
D112	8-719-421-27	DIODE MA728			
D113	8-719-421-27	DIODE MA728			
D114	8-719-988-61	DIODE 1SS355TE-17			
D115	8-719-026-18	DIODE MA3091WK			
D116	8-719-026-18	DIODE MA3091WK			
D117	8-719-026-42	DIODE SFPB-74			
D118	8-719-026-42	DIODE SFPB-74			
D119	8-719-053-18	DIODE 1SR154-400TE-25			
D120	8-719-026-18	DIODE MA3091WK			
D121	8-719-041-79	DIODE MA721WA-TX			
D122	8-719-026-18	DIODE MA3091WK			
D123	8-719-420-51	DIODE MA729			
D124	8-719-988-61	DIODE 1SS355TE-17			
D125	8-719-026-18	DIODE MA3091WK			
D126	8-719-988-61	DIODE 1SS355TE-17			

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HIDEAWAY

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R121	1-216-033-00	METAL CHIP	220	5%	1/10W	R184	1-216-864-11	SHORT CHIP	0		
R122	1-216-817-11	METAL CHIP	470	5%	1/10W	R185	1-216-864-11	SHORT CHIP	0		
R123	1-216-817-11	METAL CHIP	470	5%	1/10W	R187	1-216-803-11	METAL CHIP	33	5%	1/10W
R124	1-216-817-11	METAL CHIP	470	5%	1/10W	R188	1-218-709-11	METAL CHIP	5.1K	0.5%	1/16W
R125	1-216-817-11	METAL CHIP	470	5%	1/10W	R189	1-218-728-11	METAL CHIP	33K	0.5%	1/16W
R126	1-216-065-00	RES-CHIP	4.7K	5%	1/10W	R194	1-216-809-11	METAL CHIP	100	5%	1/10W
						R195	1-216-809-11	METAL CHIP	100	5%	1/10W
R127	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R197	1-216-864-11	SHORT CHIP	0		
R128	1-216-835-11	METAL CHIP	15K	5%	1/10W	R199	1-216-803-11	METAL CHIP	33	5%	1/10W
R129	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						
R130	1-216-839-11	METAL CHIP	33K	5%	1/10W	R200	1-216-864-11	SHORT CHIP	0		
R131	1-216-834-11	METAL CHIP	12K	5%	1/10W	R201	1-216-809-11	METAL CHIP	100	5%	1/10W
						R202	1-216-803-11	METAL CHIP	33	5%	1/10W
R132	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R204	1-216-864-11	SHORT CHIP	0		
R133	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R206	1-216-809-11	METAL CHIP	100	5%	1/10W
R134	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R135	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R207	1-216-809-11	METAL CHIP	100	5%	1/10W
R136	1-216-837-11	METAL CHIP	22K	5%	1/10W	R210	1-216-809-11	METAL CHIP	100	5%	1/10W
						R211	1-216-845-11	METAL CHIP	100K	5%	1/10W
R137	1-216-833-11	METAL CHIP	10K	5%	1/10W	R212	1-216-803-11	METAL CHIP	33	5%	1/10W
R138	1-216-051-00	METAL CHIP	1.2K	5%	1/10W	R213	1-216-821-11	METAL CHIP	1K	5%	1/10W
R139	1-216-051-00	METAL CHIP	1.2K	5%	1/10W						
R140	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R214	1-216-845-11	METAL CHIP	100K	5%	1/10W
R141	1-216-049-11	RES-CHIP	1K	5%	1/10W	R215	1-216-803-11	METAL CHIP	33	5%	1/10W
						R216	1-216-803-11	METAL CHIP	33	5%	1/10W
R142	1-216-037-00	METAL CHIP	330	5%	1/10W	R217	1-216-845-11	METAL CHIP	100K	5%	1/10W
R143	1-216-037-00	METAL CHIP	330	5%	1/10W	R218	1-216-295-11	SHORT CHIP	0		
R144	1-216-033-00	METAL CHIP	220	5%	1/10W						
R145	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R220	1-216-022-00	METAL CHIP	75	5%	1/10W
R148	1-216-033-00	METAL CHIP	220	5%	1/10W	R221	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
						R222	1-216-809-11	METAL CHIP	100	5%	1/10W
R150	1-216-049-11	RES-CHIP	1K	5%	1/10W	R223	1-216-845-11	METAL CHIP	100K	5%	1/10W
R151	1-218-446-11	METAL CHIP	1	5%	1/10W	R224	1-216-845-11	METAL CHIP	100K	5%	1/10W
R152	1-216-295-11	SHORT CHIP	0								
R153	1-216-295-11	SHORT CHIP	0			R225	1-216-845-11	METAL CHIP	100K	5%	1/10W
R154	1-216-295-11	SHORT CHIP	0			R226	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R227	1-216-845-11	METAL CHIP	100K	5%	1/10W
R156	1-216-295-11	SHORT CHIP	0			R228	1-216-864-11	SHORT CHIP	0		
R157	1-216-821-11	METAL CHIP	1K	5%	1/10W	R229	1-216-809-11	METAL CHIP	100	5%	1/10W
R158	1-216-835-11	METAL CHIP	15K	5%	1/10W						
R159	1-216-833-11	METAL CHIP	10K	5%	1/10W	R230	1-216-809-11	METAL CHIP	100	5%	1/10W
R160	1-216-834-11	METAL CHIP	12K	5%	1/10W	R231	1-216-809-11	METAL CHIP	100	5%	1/10W
						R232	1-216-809-11	METAL CHIP	100	5%	1/10W
R161	1-216-865-11	METAL CHIP	3K	5%	1/10W	R233	1-216-809-11	METAL CHIP	100	5%	1/10W
R162	1-216-809-11	METAL CHIP	100	5%	1/10W	R234	1-216-809-11	METAL CHIP	100	5%	1/10W
R163	1-216-837-11	METAL CHIP	22K	5%	1/10W						
R164	1-216-865-11	METAL CHIP	3K	5%	1/10W	R235	1-216-809-11	METAL CHIP	100	5%	1/10W
R165	1-216-813-11	METAL CHIP	220	5%	1/10W	R238	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R239	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R166	1-216-809-11	METAL CHIP	100	5%	1/10W	R241	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R167	1-216-834-11	METAL CHIP	12K	5%	1/10W	R242	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R168	1-216-835-11	METAL CHIP	15K	5%	1/10W						
R169	1-216-821-11	METAL CHIP	1K	5%	1/10W	R243	1-218-738-11	METAL CHIP	82K	0.5%	1/16W
R170	1-216-022-00	METAL CHIP	75	5%	1/10W	R244	1-216-837-11	METAL CHIP	22K	5%	1/10W
						R247	1-216-837-11	METAL CHIP	22K	5%	1/10W
R171	1-216-833-11	METAL CHIP	10K	5%	1/10W	R248	1-216-837-11	METAL CHIP	22K	5%	1/10W
R172	1-216-833-11	METAL CHIP	10K	5%	1/10W	R249	1-216-821-11	METAL CHIP	1K	5%	1/10W
R174	1-216-033-00	METAL CHIP	220	5%	1/10W						
R175	1-216-033-00	METAL CHIP	220	5%	1/10W	R250	1-216-049-11	RES-CHIP	1K	5%	1/10W
R176	1-216-041-00	METAL CHIP	470	5%	1/10W	R251	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R252	1-216-833-11	METAL CHIP	10K	5%	1/10W
R177	1-216-077-00	RES-CHIP	15K	5%	1/10W	R253	1-216-841-11	METAL CHIP	47K	5%	1/10W
R178	1-216-073-00	RES-CHIP	10K	5%	1/10W	R254	1-216-833-11	METAL CHIP	10K	5%	1/10W
R179	1-216-077-00	RES-CHIP	15K	5%	1/10W						
R180	1-216-864-11	SHORT CHIP	0			R255	1-216-821-11	METAL CHIP	1K	5%	1/10W
R181	1-216-864-11	SHORT CHIP	0			R256	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R257	1-216-817-11	METAL CHIP	470	5%	1/10W
R182	1-216-295-11	SHORT CHIP	0			R258	1-216-821-11	METAL CHIP	1K	5%	1/10W

HIDEAWAY

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R259	1-216-833-11	METAL CHIP	10K 5% 1/10W			< VIBRATOR >	
R260	1-216-833-11	METAL CHIP	10K 5% 1/10W	X100	1-567-890-51	VIBRATOR, CRYSTAL (8MHz)	
R261	1-216-857-11	METAL CHIP	1M 5% 1/10W	X101	1-567-504-11	OSCILLATOR, CRYSTAL (4.434MHz)	
R262	1-218-692-11	METAL CHIP	1K 0.5% 1/16W			*****	
R263	1-216-864-11	SHORT CHIP	0			MISCELLANEOUS	
R264	1-216-851-11	METAL CHIP	330K 5% 1/10W			*****	
R265	1-218-740-11	METAL CHIP	100K 0.5% 1/16W	1	1-590-519-21	CORD (WITH CONNECTOR) (BUS)	
R266	1-216-033-00	METAL CHIP	220 5% 1/10W	2	1-824-336-11	CORD, CONNECTION (RCA)	
R267	1-216-833-11	METAL CHIP	10K 5% 1/10W	5	1-824-545-11	CORD, CONNECTION (STEREO MINI)	
R268	1-216-833-11	METAL CHIP	10K 5% 1/10W	6	1-824-788-11	CORD, CONNECTION (POWER)	
R269	1-216-033-00	METAL CHIP	220 5% 1/10W	7	1-543-653-11	CORE ASSY, BEAD (DIVISION TYPE)	
R270	1-216-041-00	METAL CHIP	470 5% 1/10W	F1	1-532-796-11	FUSE (BLADE TYPE) (AUTO FUSE) (5A/32V)	
R271	1-216-077-00	RES-CHIP	15K 5% 1/10W			*****	
R272	1-216-077-00	RES-CHIP	15K 5% 1/10W			ACCESSORIES	
R273	1-216-073-00	RES-CHIP	10K 5% 1/10W			*****	
R274	1-216-073-00	RES-CHIP	10K 5% 1/10W				
R275	1-216-041-00	METAL CHIP	470 5% 1/10W				
R276	1-216-041-00	METAL CHIP	470 5% 1/10W	1-477-642-11	REMOTE COMMANDER (RM-X124)		
R277	1-216-864-11	SHORT CHIP	0	3-246-281-11	MANUAL, INSTRUCTION		
R278	1-216-864-11	SHORT CHIP	0		(ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH, TRADITIONAL CHINESE)		
R279	1-216-022-00	METAL CHIP	75 5% 1/10W	3-246-282-11	MANUAL, INSTRUCTION, INSTALL		
R280	1-216-295-11	SHORT CHIP	0		(ENGLISH, GERMAN)		
R281	1-216-857-11	METAL CHIP	1M 5% 1/10W	3-246-282-21	MANUAL, INSTRUCTION, INSTALL		
R282	1-216-857-11	METAL CHIP	1M 5% 1/10W		(FRENCH, ITALIAN)		
R283	1-216-295-11	SHORT CHIP	0	3-246-282-31	MANUAL, INSTRUCTION, INSTALL		
R284	1-216-857-11	METAL CHIP	1M 5% 1/10W		(DUTCH, TRADITIONAL CHINESE)		
R287	1-216-097-11	RES-CHIP	100K 5% 1/10W	3-709-680-01	LID, BATTERY CASE (for RM-X124)		
R288	1-216-214-00	RES-CHIP	4.7K 5% 1/8W		*****		
R289	1-216-089-11	RES-CHIP	47K 5% 1/10W				
R290	1-216-857-11	METAL CHIP	1M 5% 1/10W				
R291	1-216-089-11	RES-CHIP	47K 5% 1/10W				
R292	1-216-214-00	RES-CHIP	4.7K 5% 1/8W				
R293	1-216-097-11	RES-CHIP	100K 5% 1/10W				
R295	1-216-073-00	RES-CHIP	10K 5% 1/10W				
R296	1-216-295-11	SHORT CHIP	0				
R297	1-216-295-11	SHORT CHIP	0				
R298	1-216-295-11	SHORT CHIP	0				
R299	1-216-813-11	METAL CHIP	220 5% 1/10W				
R300	1-216-049-11	RES-CHIP	1K 5% 1/10W				
R301	1-216-849-11	METAL CHIP	220K 5% 1/10W				
R302	1-218-867-11	METAL CHIP	6.8K 0.5% 1/16W				
		< VARIABLE RESISTOR >					
RV100	1-225-901-21	RES, ADJ, CERMET (3 TYPE) 10K					
		< SWITCH >					
S100	1-571-478-11	SWITCH, SLIDE (SIGNAL SELECT IN)					
S101	1-571-478-11	SWITCH, SLIDE (SIGNAL SELECT OUT)					
SW100	1-571-395-11	SWITCH, SLIDE (TV SYSTEM)					
		< THERMISTOR >					
TH100	1-801-792-21	THERMISTOR, POSITIVE					
TH101	1-803-615-21	THERMISTOR, POSITIVE					
		< TUNER >					
TU100	1-693-600-11	TUNER (TV) (V5-E60CT)					

XT-P50V

Ref. No.	Part No.	Description	Remark
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PARTS FOR INSTALLATION AND CONNECTIONS

501	3-310-656-01	TAPE, MAGIC
502	3-310-658-01	TAPE (B), MAGIC
503	1-824-788-11	CORD, CONNECTION (POWER)
504	1-590-519-21	CORD (WITH CONNECTOR) (BUS)
505	1-824-336-11	CORD, CONNECTION (RCA)
506	3-235-485-01	ANTENNA (L)
506	3-235-486-01	ANTENNA (R)
507	3-240-251-01	COVER SET
508	3-691-877-01	BAND, BINDING
509	3-235-487-01	PLATE, ANTENNA GROUND
510	3-240-246-01	ACCESSORY
511	1-824-545-11	CORD, CONNECTION (STEREO MINI)
512	1-543-653-11	CORE ASSY, BEAD (DIVISION TYPE)
F1	1-532-796-11	FUSE (BLADE TYPE) (AUTO FUSE) (5A/32V)
F2	1-532-411-11	FUSE, GLASS TUBE (0.5A/125V)

