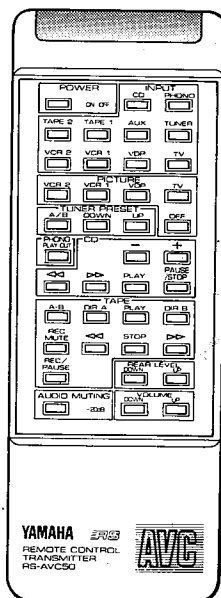
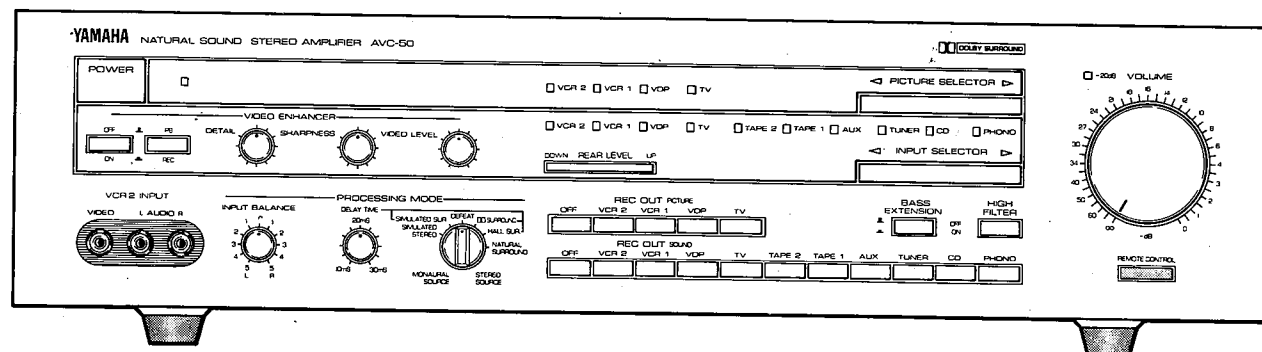


# STEREO AMPLIFIER AVC-50

## SERVICE MANUAL

AVC-50



### IMPORTANT NOTICE

This manual has been provided for the use of authorized Yamaha Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically Yamaha Products, are already known and understood by the users, and have therefore not been restated.

**WARNING:** Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components and failure of the product to perform as specified. For these reasons, we advise all Yamaha product owners that all service required should be performed by an authorized Yamaha Retailer or the appointed service representative.

**IMPORTANT:** The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of Yamaha are continually striving to improve Yamaha products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

**WARNING:** Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

**IMPORTANT:** Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

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PRINTED CIRCUIT BOARD (SER. #2301 ~)	12/13

### PRINTED CIRCUIT BOARD

(SER. #2301 ~ 6700)	14 ~ 17
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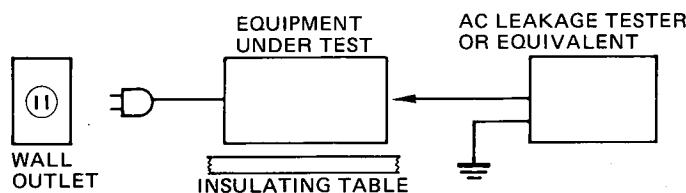
**YAMAHA**

NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN

1.8k-136 Printed in Japan '86.3

## ■ TO SERVICE PERSONNEL

1. Critical Components Information.  
Components having special characteristics are marked  $\Delta$  and must be replaced with parts having specifications equal to those originally installed.
2. Leakage Current Measurement (For 120V Model Only).  
When service has been completed, it is imperative that you verify that all exposed conductive surfaces are properly insulated from supply circuits.
  - Meter impedance should be equivalent to 1500 ohm shunted by  $0.15\mu\text{F}$ .
  - Leakage current must not exceed 0.5mA.
  - Be sure to test for leakage with the AC plug in both polarities.



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## ■ SPECIFICATIONS

### ■ AUDIO SECTION

#### Minimum RMS Output Power per Channel

8 ohms, 20Hz to 20kHz, 0.05% THD	45W
6 ohms, 20Hz to 20kHz, 0.05% THD	50W

#### Dynamic Power per Channel

(IHF, 8 ohms)	73W
(IHF, 6 ohms)	76W
(IHF, 4 ohms)	85W

#### Dynamic Headroom

8 ohms	2.1dB
--------	-------

#### Damping Factor

(8 ohms, 1kHz)	80
----------------	----

#### Input Sensitivity/Impedance

Phono MM	2.5mV/47k-ohms
AUX/TAPE/TUNER	150mV/47k-ohms
MAIN IN	500mV/47k-ohms

#### Input Sensitivity (New IHF)

Phono MM	0.353mV
AUX/TAPE/TUNER	21.2mV

#### Maximum Input Level (1kHz)

Phono MM	140mV
----------	-------

#### Output Level/Impedance

REC OUT	150mV/470ohms
PRE OUT	500mV/1k-ohms

#### Maximum Voltage Output

(20Hz to 20kHz, 0.05% THD)	
PRE OUT	7V

#### Frequency Response (20Hz to 20kHz)

AUX/TAPE/TUNER	$0 \pm 0.5\text{dB}$
MAIN IN	$0 \pm 0.5\text{dB}$

#### RIAA Equalization Deviation

Phono MM	$\pm 0.5\text{dB}$
----------	--------------------

#### Total Harmonic Distortion (20Hz to 20kHz)

Phono MM (1V)	0.005%
AUX/TAPE/TUNER to PRE OUT (3V)	0.005%
MAIN IN to SP OUT (25 W/8ohms)	0.05%

#### Signal to Noise Ratio (IHF-A Network)

Phono MM (5mV Input Shorted)	88dB (Rec Out)
AUX/TAPE/TUNER (Shorted)	Front 103dB (Pre Out)
	Rear, Dolby 84dB
	(Pre Out, Delay time: 20msec)

#### Signal to Noise Ratio (New IHF)

Phono MM	76dB
AUX/TAPE/TUNER	83dB

#### Filter Characteristics

Low (Subsonic)	15Hz, 12dB/oct.
High	10kHz, 12dB/oct.
Audio Muting	-20dB

#### Residual Noise

(IHF-A-Network)	150 $\mu\text{V}$
-----------------	-------------------

#### Channel Separation (1kHz, Vol. -30dB)

Phono MM Input Shorted	65dB
AUX/TAPE Input 5.1k-ohms Terminated	55dB

### ■ VIDEO SECTION

Type	NTSC Standard
Horizontal Resolution	525 lines, 60 field
Video Input	1.0 Vp-p, 75 ohms, Unbalanced
Video Output	1.0 Vp-p, 75 ohms, Unbalanced
Maximum Input Level	1.5 Vp-p, 75 ohms, Unbalanced
Video Signal to Noise Ratio	50dB
Detail Control Level	0 to +4dB (1MHz)
Sharpness Control Level	0 to +7dB (2MHz)
Video Level Control	-3 to +3dB

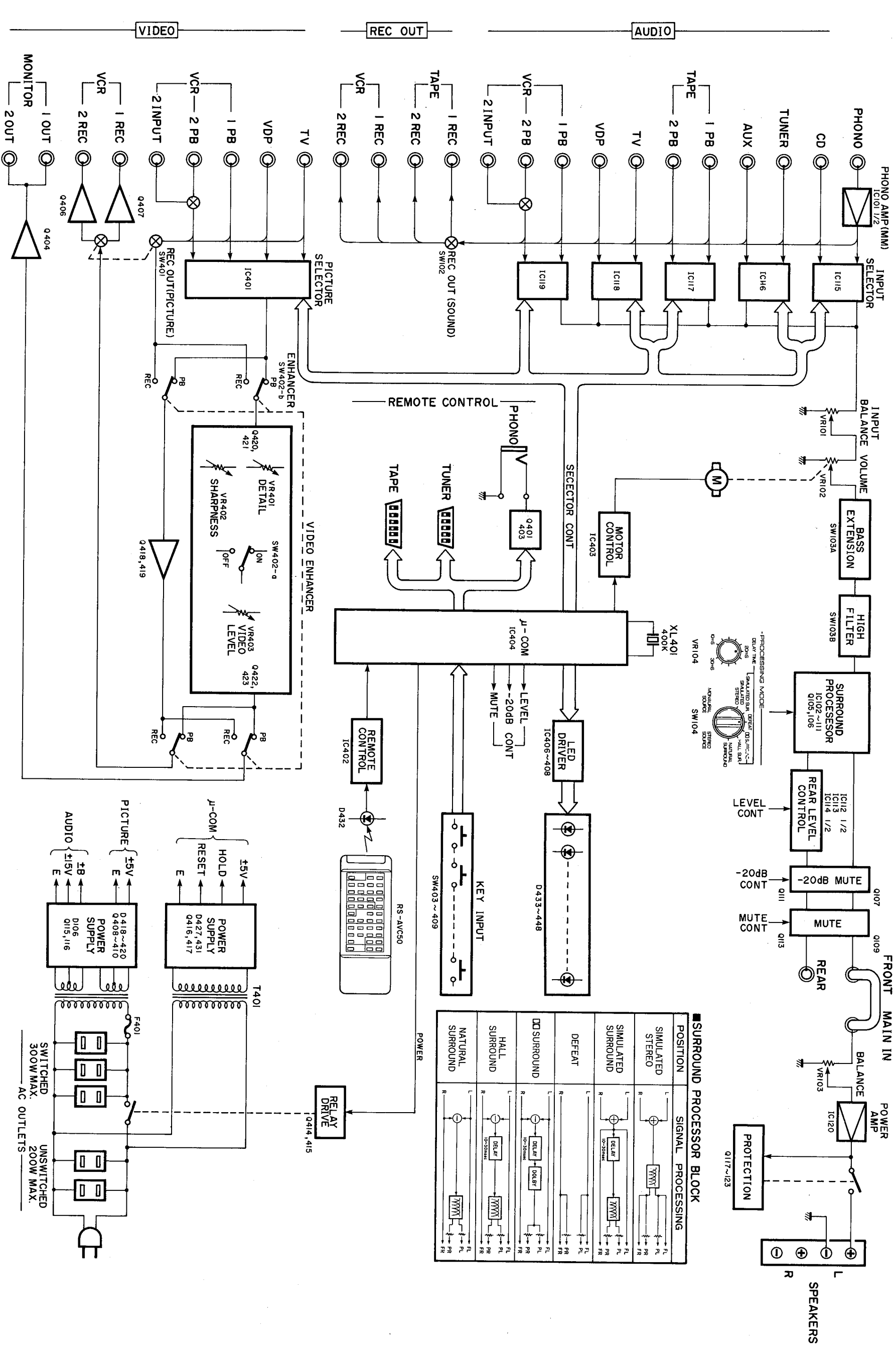
### ■ GENERAL

Power Supply	120V/60Hz (U, C) 110/120/220/240V, 50/60Hz (R)
Power Consumption	190W
No Load Operation	20W
AC Outlet	
Switched x 3	200W max.
Unswitched x 2	200W max. (Total)
Dimensions (W x H x D)	435 x 111 x 305 mm 17" x 4-3/8" x 11-7/8"
Weight	6.7kg (14 lbs. 12 oz.)
Supplied accessories	Mini plug cord x 1 ST Connector (5P) x 1 ST Connector (6P) x 1 Audio cable (1P) x 1 Audio cable with monoural converter (2P $\rightarrow$ 3P) x 1 Infrared remote control x 1 "AA" size battery x 2

Specifications subject to change without notice.

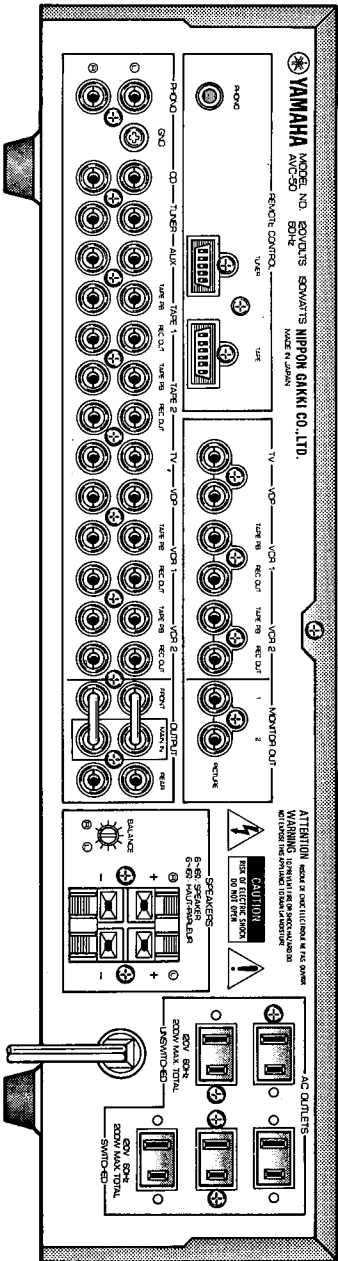
(U) ..... U.S.A. model  
(C) ..... Canadian model  
(R) ..... Other model

BLOCK DIAGRAM

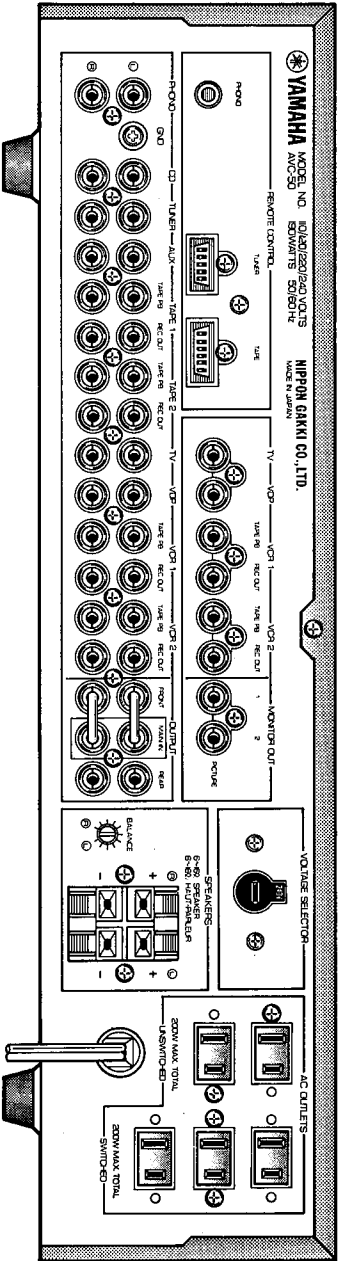


REAR PANELS

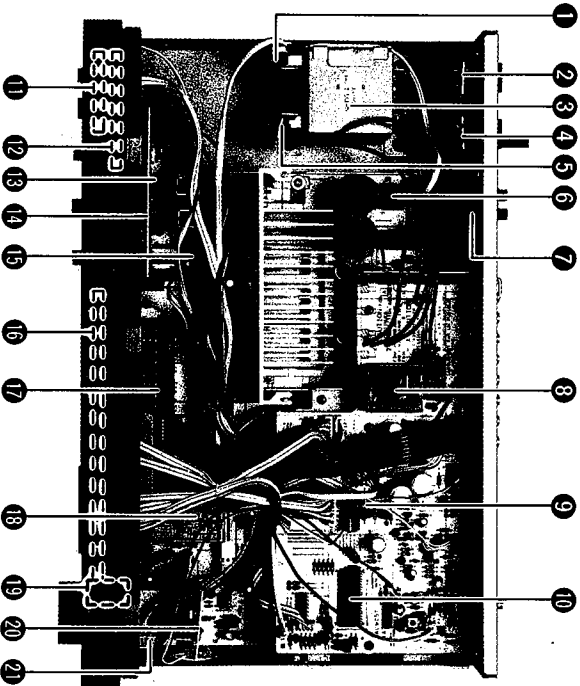
U.S.A. & Canadian models



Other model



INTERNAL VIEW



- 1 UPPER PART : MAIN CIRCUIT BOARD (3)
- 2 LOWER PART : MICOM CIRCUIT BOARD (9)
- 3 MICOM TRANSFORMER

- U.S.A. model : XA750001
- Canadian model : XA751001
- Other model : XA749001
- 4 MICOM CIRCUIT BOARD (12)
- 5 MICOM CIRCUIT BOARD (10)
- 6 DIODE BRIDGE : 4D4B41
- 7 MICOM CIRCUIT BOARD (14)
- 8 POWER TRANSFORMER
- 9 U.S.A. & Canadian models : XA754001
- 10 Other model : XA753001
- 11 MICOM CIRCUIT BOARD (1)
- 12 LSI : LC6505C-3039
- 13 MICOM CIRCUIT BOARD (4)
- 14 MICOM CIRCUIT BOARD (7)
- 15 MAIN CIRCUIT BOARD (5)
- 16 MICOM CIRCUIT BOARD (5)
- 17 MAIN CIRCUIT BOARD (1)
- 18 MICOM CIRCUIT BOARD (2)
- 19 MICOM CIRCUIT BOARD (6)
- 20 MAIN CIRCUIT BOARD (2)
- 21 MICOM CIRCUIT BOARD (8)
- 22 MICOM CIRCUIT BOARD (13)
- 23 MAIN CIRCUIT BOARD (4)

DISASSEMBLY PROCEDURES

(Remove parts in order as numbered.)

- 1. Removal of Top Cover
- Remove 5 screws ( 1 ) in Fig. 1.
- 2. Removal of Bottom Cover
- Remove 10 screws ( 2 ) in Fig. 1.

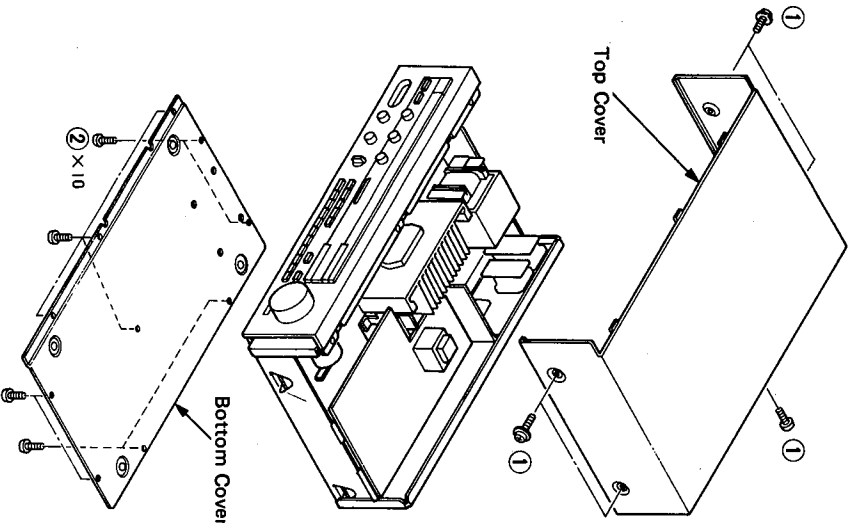


Fig. 1

- 3. Removal of Front Panel
- a. Disconnect 3 connectors (#11, #12, #13) in Fig. 2.
- b. Remove 6 screws ( 3 ) in Fig. 3.
- c. Pull the front panel forward.

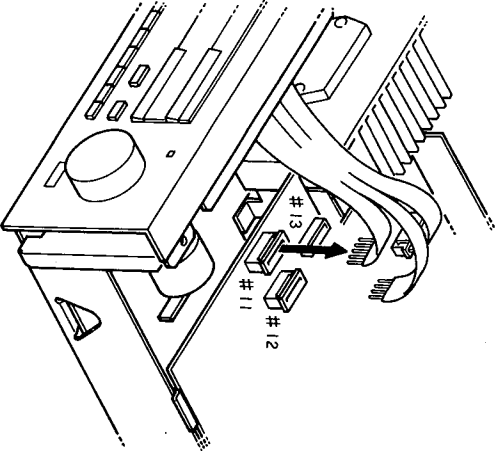


Fig. 2

- 4. Removal of Micro Computer Circuit Board (1)
- a. Remove 9 screws ( 4 ) in Fig. 4.
- b. Disconnect the connector (#2) in Fig. 4.
- c. Slide Micro Computer Circuit Board (1) forward and pull it up.

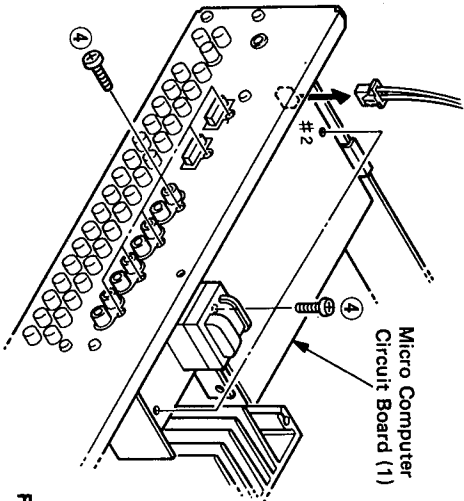


Fig. 4

- 5. Removal of Frame
- Remove the 6 screws ( 5 ) in Fig. 5 and pull frame upward.

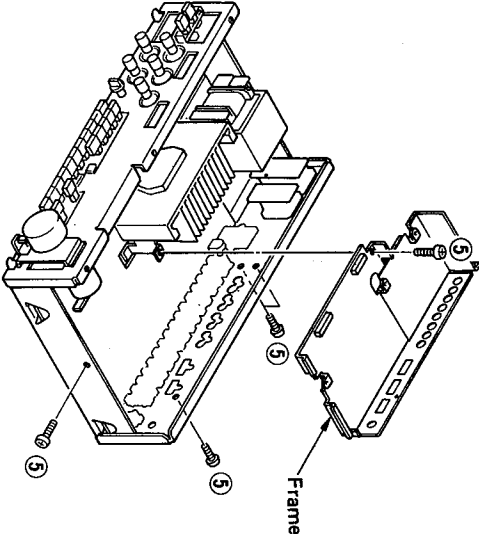


Fig. 5

## CONFIRMATION

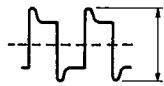
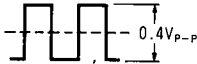
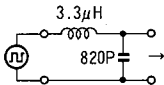
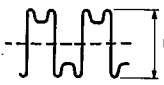
### 1. Before confirmation

- Make sure that AC line voltage comes as following list.
- As the input impedance is as low as  $75\Omega$ , set the level with the connection made.

Models	AC line voltage
U, C	120V, $\pm 10\%$
R	110/220/240V $\pm 10\%$

### 2. Instruments required

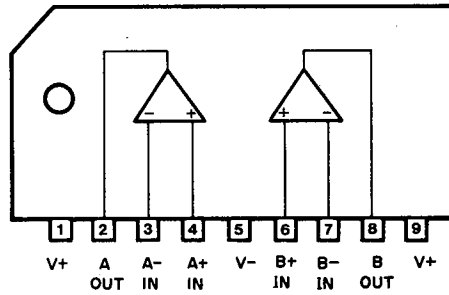
- A.C.V.M. or one dual channel A.C.V.M.
- Oscilloscope
- Audio Frequency oscillator (AF OSC)

Step	Confirmation item	Instruments required	Input terminal	Input signal	Output terminal	Conditions	Rating
1	VIDEO GAIN	Oscillator (1kHz, sine wave) A.C.V.M.	TV, VDP, VCR-1 or VCR-2	1kHz sine wave *Input level: 500mV	Either MONITOR OUT 1 or 2 (Terminate with $75\Omega$ .)	VIDEO LEVEL: Center SHARPNESS: Min. DETAIL: Min.	ENHANCER SWITCH
							OFF PB 400~630mV
							ON PB 400~630mV
2	VIDEO LEVEL	Same as the above	Same as the above	Input level: Set so that the output level becomes 500mV with VIDEO LEVEL control at center position.	Same as the above	SHARPNESS: Min. DETAIL: Min. ENHANCER SWITCH ON/PB	OFF REC. 400~630mV
							VIDEO LEVEL KNOB
							MAX. 560~880mV
3	DETAIL	Oscillator (200kHz Rectangular wave) Oscilloscope	Same as the above	200kHz Rectangular wave Input level: Set so that the output peak value becomes 0.4 Vp-p with SHARPNESS and DETAIL controls at MIN position and VIDEO LEVEL control at center.	Same as the above	SHARPNESS: Min. DETAIL: Max. VIDEO LEVEL: Center ENHANCER switch, ON/PB	MIN. 280~450mV
							The waveform should be as shown below.
							 0.72 ± 0.16V <sub>p-p</sub>
4	SHARPNESS	Same as the above	Same as the above	 0.4V <sub>p-p</sub>  Note) Include the following filter after the oscillator. (output impedance of the oscillator is $50\Omega$ .)   To AVC-50	Same as the above.	SHARPNESS: Min. DETAIL: Max. VIDEO LEVEL: Center ENHANCER SWITCH, ON/PB	• Acceptable if the upper and lower peaks are within the graduation of 1.4 to 2.2 when the oscilloscope is in 0.2V/DIV range.
							The waveform should be as shown below.
							 0.72 ± 0.16V <sub>p-p</sub>
5	COLOR	Monitor TV	Same as the above	VIDEO SIGNAL (TV, VTR, Pattern Generator etc.)	Either MONITOR out 1 or 2. (Terminate with $75\Omega$ .)	SHARPNESS: Max. DETAIL: Max. VIDEO LEVEL: Center ENHANCER SWITCH: ON/PB	• Acceptable if the upper and lower peaks are within the graduation of 1.4 to 2.2 when the oscilloscope is in 0.2V/DIV range.
							• Set the ENHANCER switch ON and OFF while monitoring the pictorial image on the screen. There should be very little change in color.

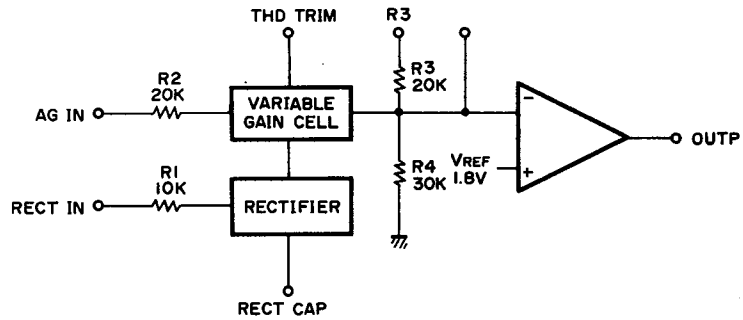
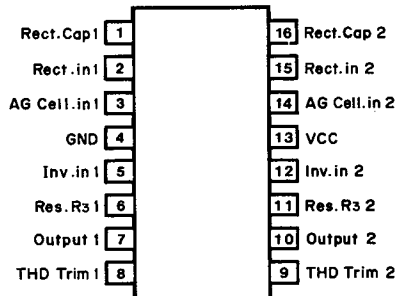
# IC BLOCK DIAGRAM

IC101, 105: NJM2068S

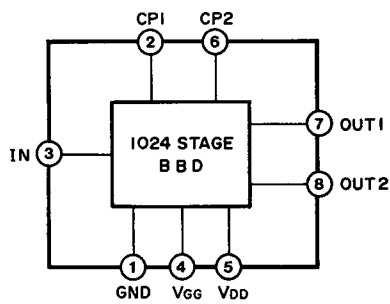
IC102 ~ 104, 109, 111, 112, 114: NJM2041S



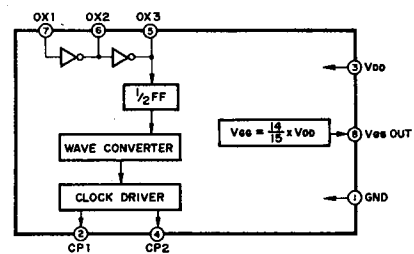
IC106: NE570N



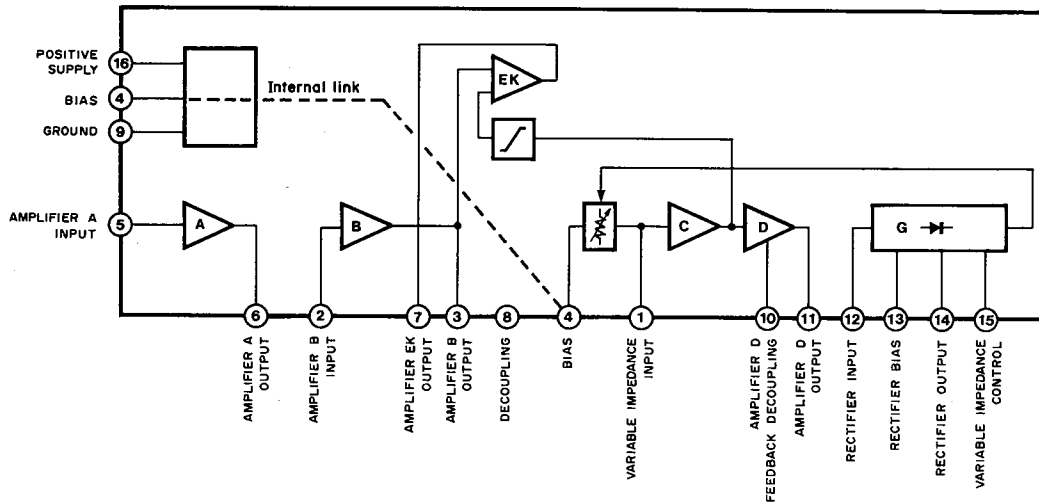
IC107: MN3007



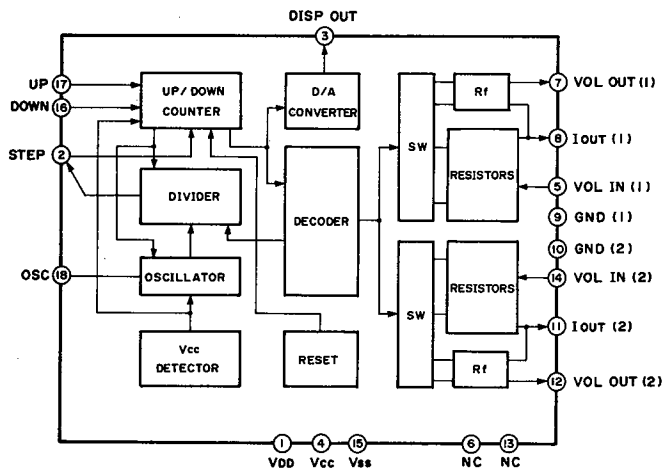
IC108: MN3101



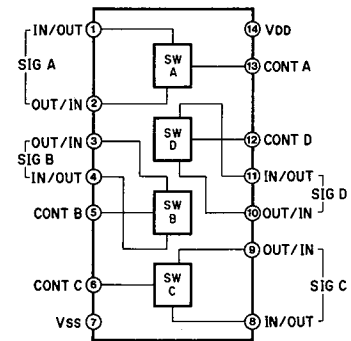
IC110: LM1111BN



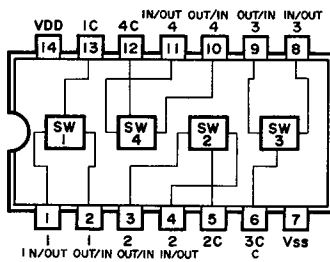
IC113: MN6632A



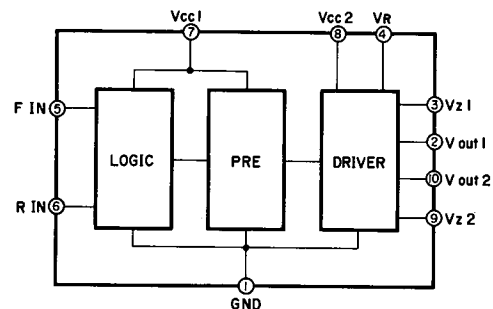
IC115 ~ 119: LC4966



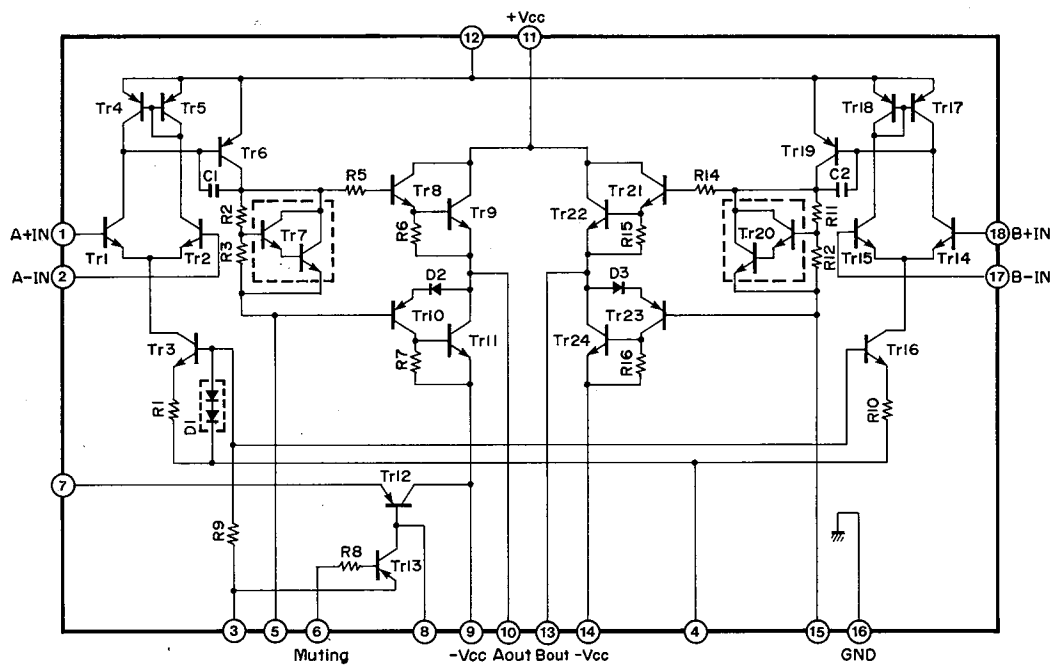
IC401: TC4066P,  $\mu$ PD4066BC, LC4066B



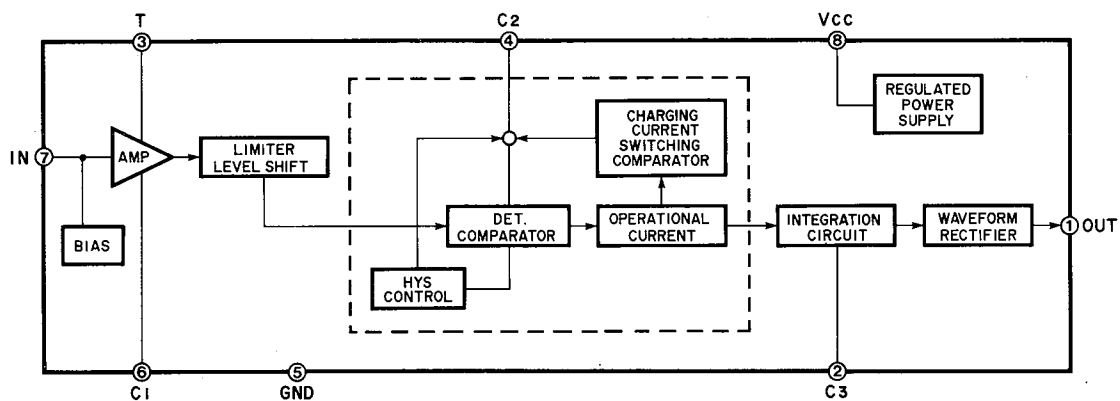
IC403: LB1645N, BA6209



IC120: STK4191V

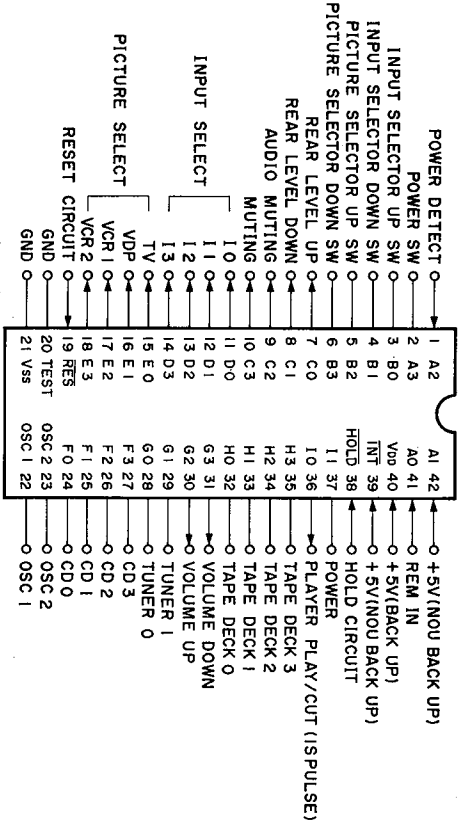
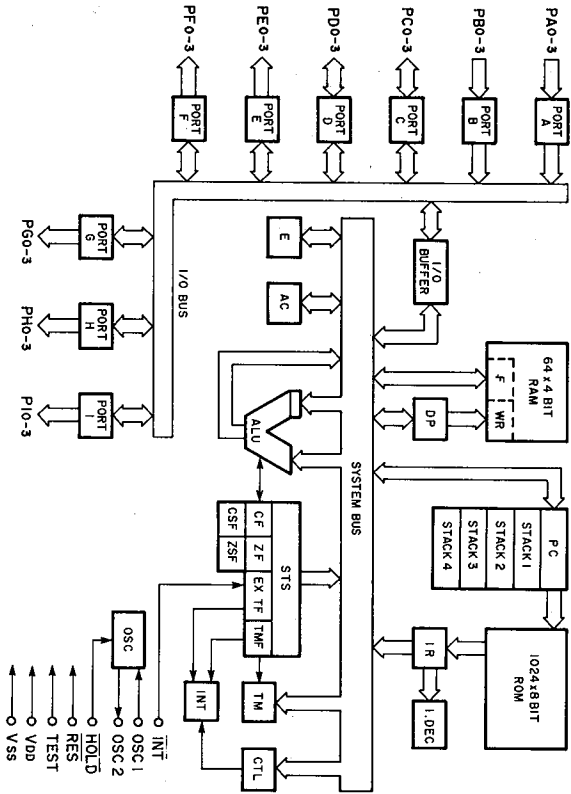


IC402: BA6340

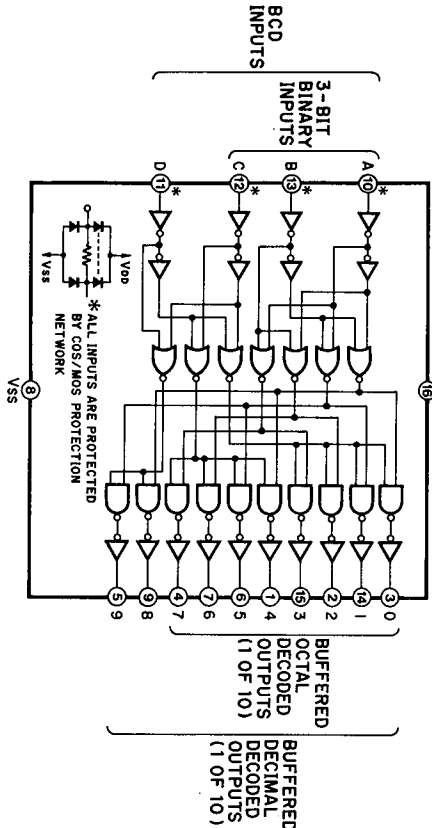




IC404: LC6505C-3039



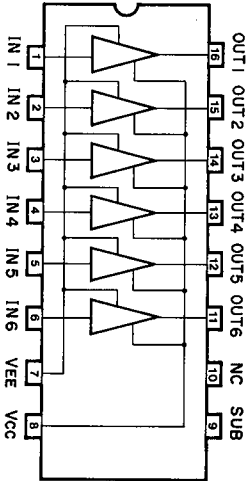
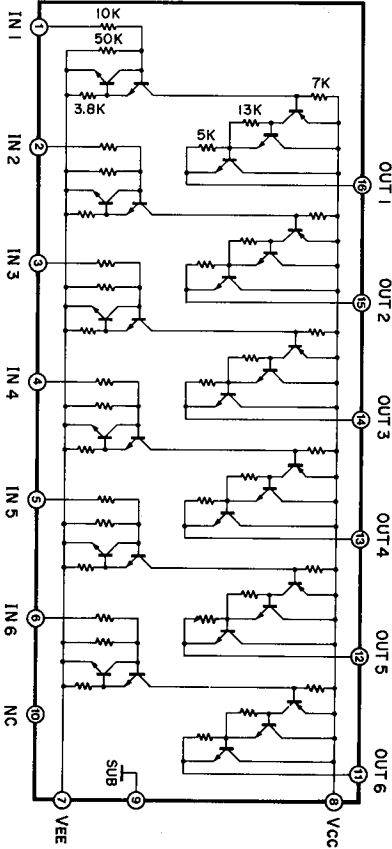
IC405: TC4028BP, BU4028B



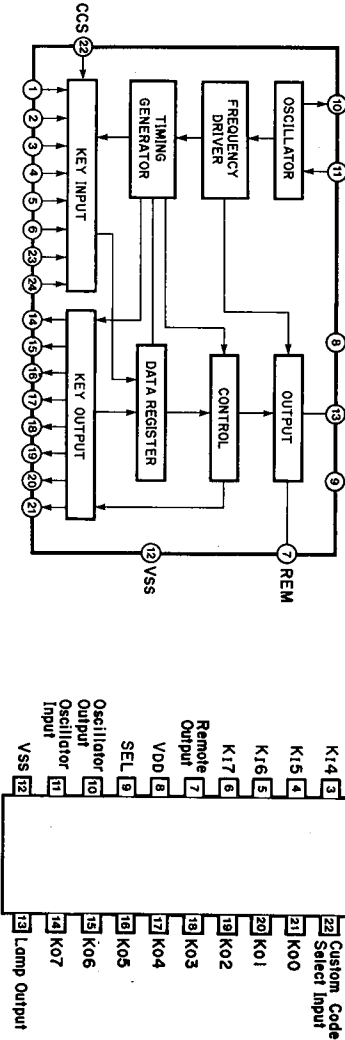
Data Table

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0	0	1	0	0	0	1	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0	0	0	0	0
0	1	0	1	0	0	0	0	0	1	0	0	0	0
0	1	1	0	0	0	0	0	0	0	1	0	0	0
0	1	1	1	0	0	0	0	0	0	0	1	0	0
1	0	0	0	1	0	0	0	0	0	0	0	0	1
1	0	0	1	0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0	0	0	0	0
1	0	1	1	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0	0	0
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1	1	1	0	0	0	0	0	0	0	0	0	0	0
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IC406 ~ 408: LB1294

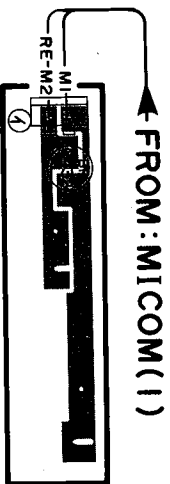


IC1:  $\mu$ PD6102G (RS-AVC50)

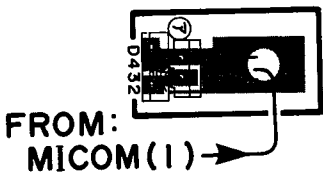


PRINTED CIRCUIT BOARD(Pattern side)

μ-COM Circuit Board (13)



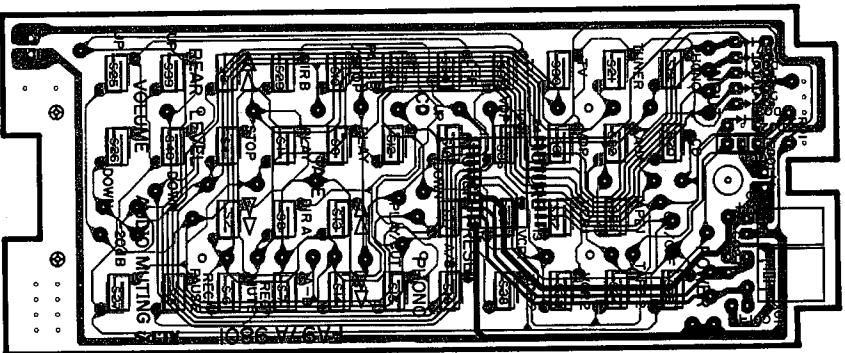
μ-COM Circuit Board (8)



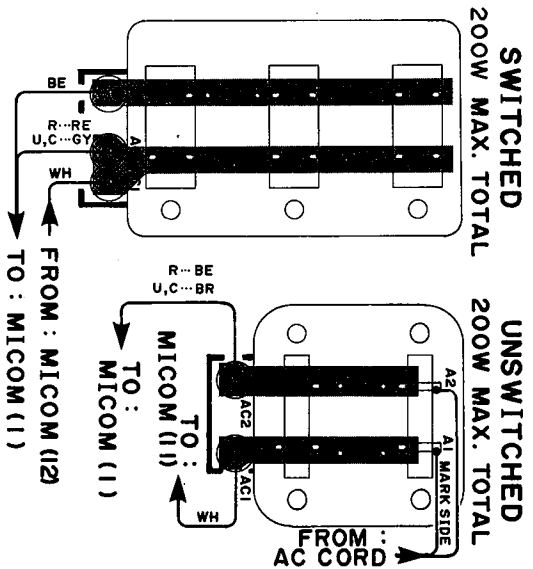
RS-AVC50

μ-COM Circuit Board (11)

μ-COM Circuit Board (12)



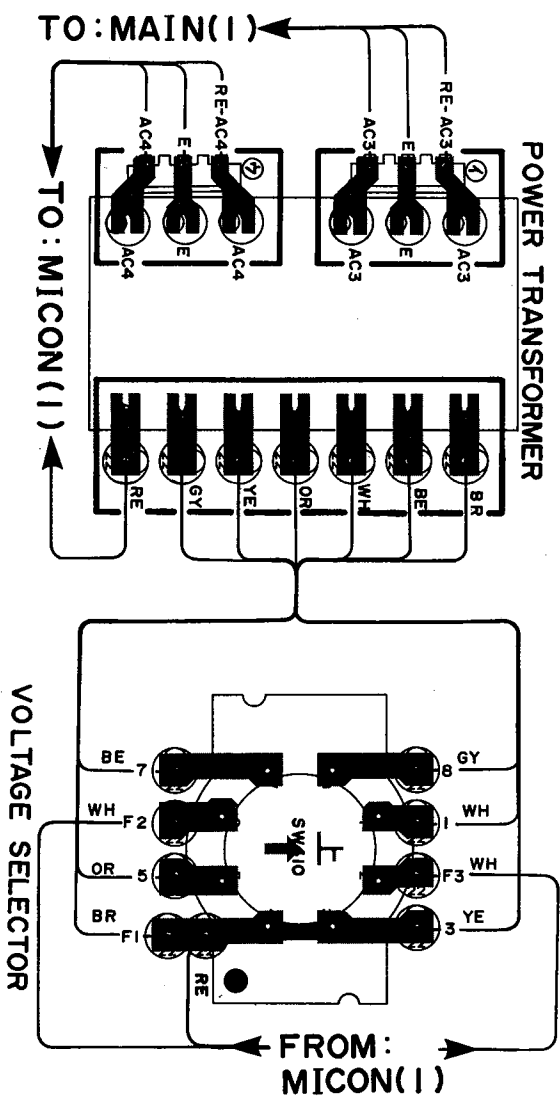
AC OUTLETS



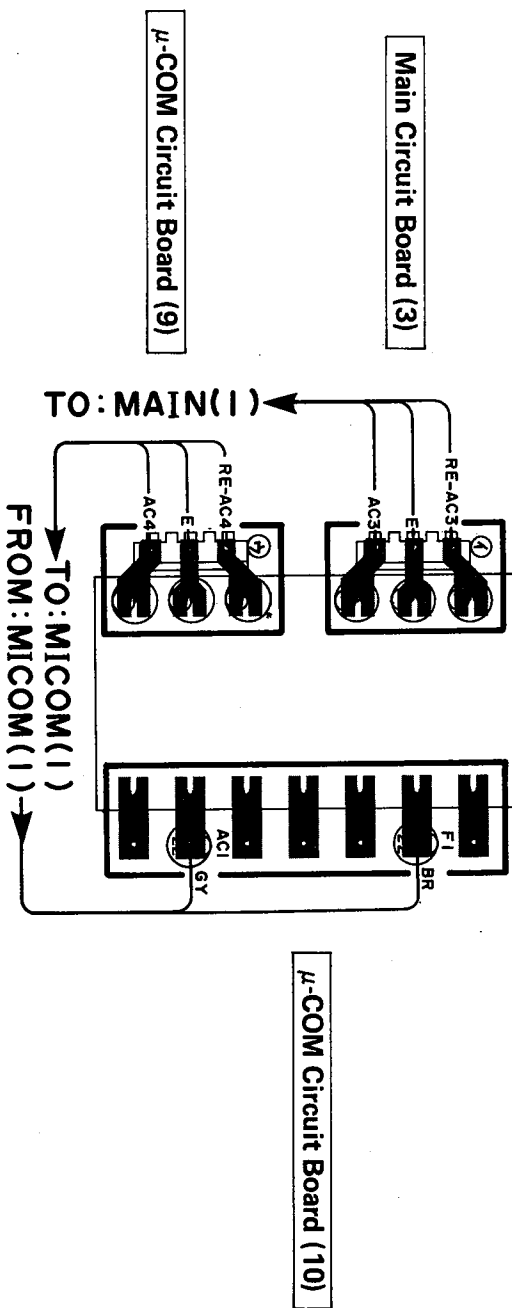
R MODEL

μ-COM Circuit Board (10)

μ-COM Circuit Board (14)



U,C MODELS





PRINTED CIRCUIT BOARD (Pattern side)

- This printed circuit board is applicable to serial number from 2301 to 6700.
- Note) 文字面 : Component side

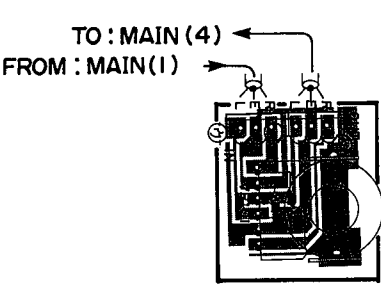
PHONO CD TUNER AUX TAPE 1 TAPE 2 TV VDP VCR 1 VCR 2 OUTPUT

TO : MICOM (1) SPEAKERS 6~16Ω /SPEAKER 6~16Ω /HAUT-PARLEUR

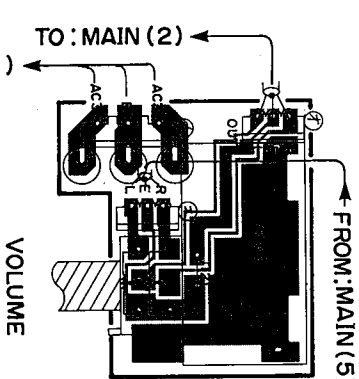
Main Circuit Board (1)

Main Circuit Board (5)

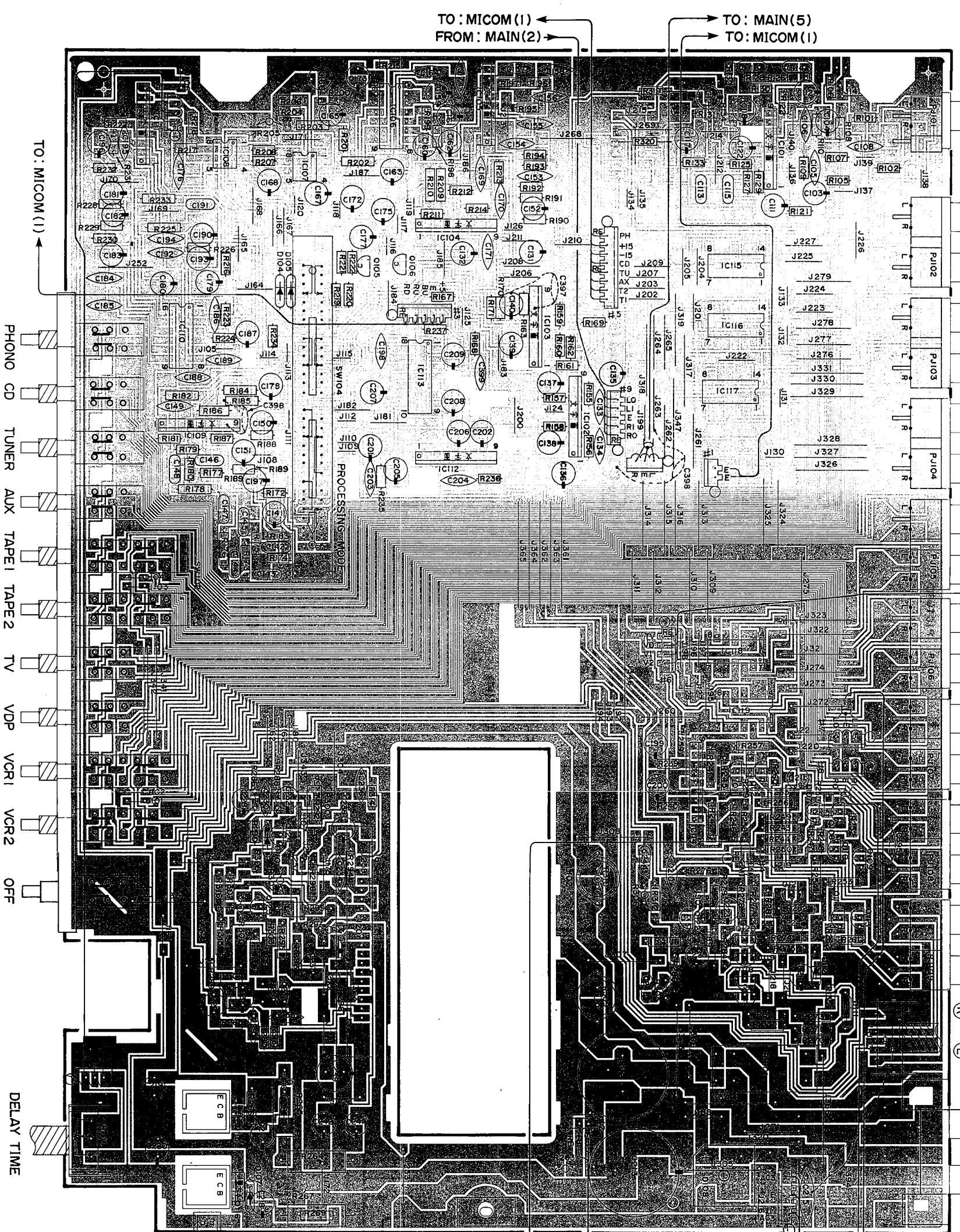
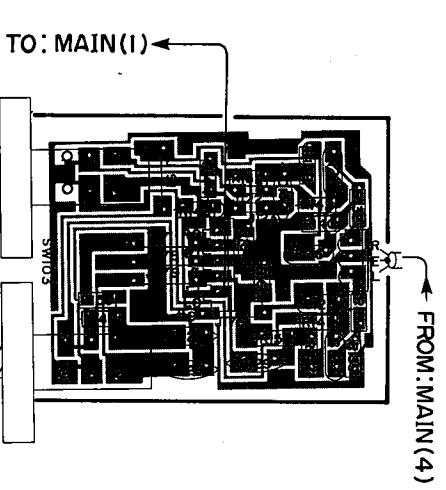
INPUT BALANCE



Main Circuit Board (4)



Main Circuit Board (2)



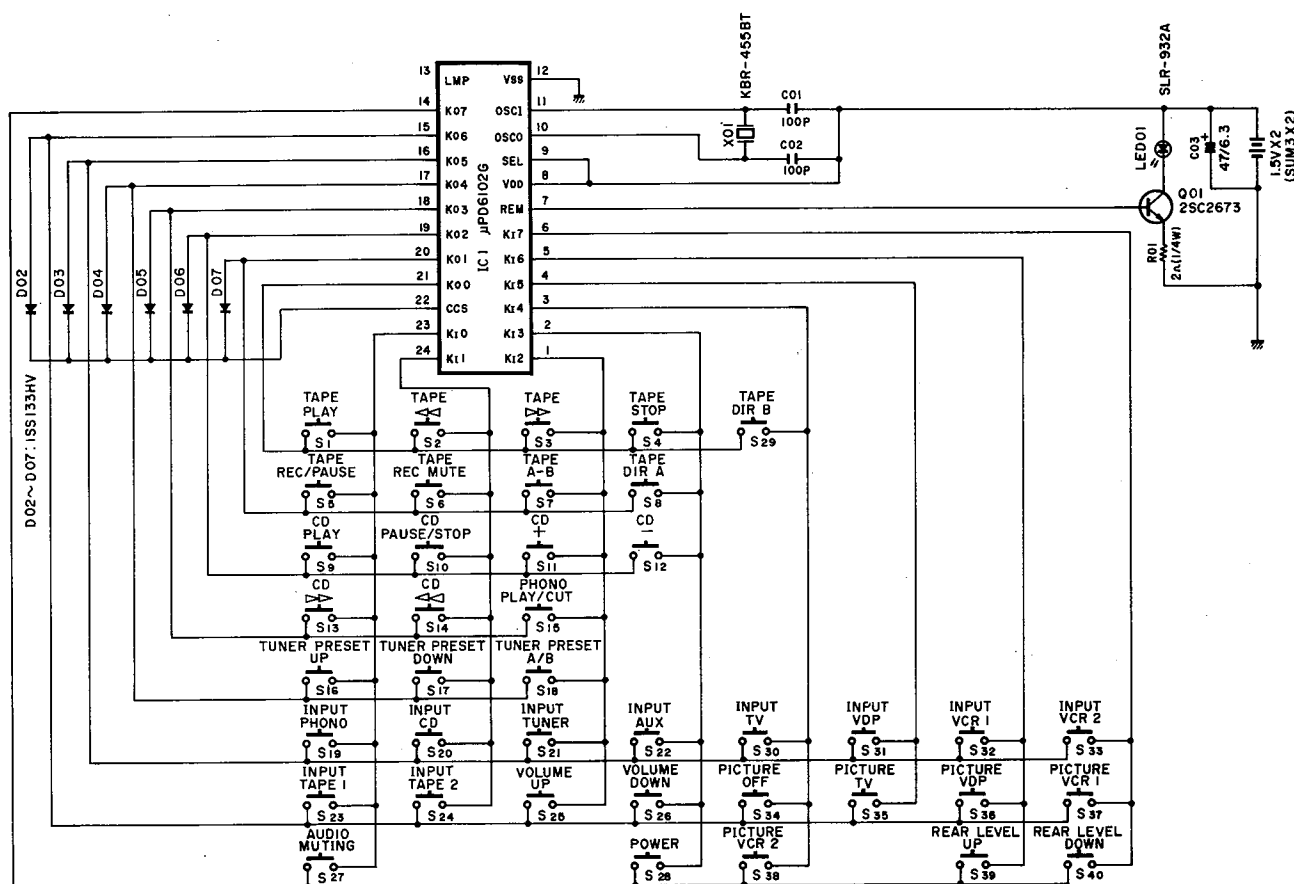
## R MODEL



# RS-AVC50

## REMOTE CONTROL TRANSMITTER

### SCHEMATIC DIAGRAM



FUNCTION		CUSTOM CODE	DATA CODE
		0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7
POWER	ON/OFF	0 1 1 1 1 1 1 0	1 1 1 1 1 0 0 0
	CD	0 1 1 1 1 1 1 0	1 0 1 0 1 0 0 0
INPUT	PHONO	0 1 1 1 1 1 1 0	0 0 1 0 1 0 0 0
	TAPE 2	0 1 1 1 1 1 1 0	1 0 0 1 1 0 0 0
	TAPE 1	0 1 1 1 1 1 1 0	0 0 0 1 1 0 0 0
	AUX	0 1 1 1 1 1 1 0	1 1 1 0 1 0 0 0
	TUNER	0 1 1 1 1 1 1 0	0 1 1 0 1 0 0 0
	VCR2	0 1 1 1 1 1 1 0	1 1 1 0 1 0 1 0
	VCR1	0 1 1 1 1 1 1 0	0 1 1 0 1 0 1 0
PICTURE	VDP	0 1 1 1 1 1 1 0	1 0 1 0 1 0 1 0
	TV	0 1 1 1 1 1 1 0	0 0 1 0 1 0 1 0
	OFF	0 1 1 1 1 1 1 0	0 0 0 1 1 0 1 0
	A/B	0 1 1 1 1 1 1 0	0 1 0 0 1 0 0 0
	DOWN	0 1 1 1 1 1 1 0	1 0 0 0 1 0 0 0
TUNER PRESET	UP	0 1 1 1 1 1 1 0	0 0 0 0 1 0 0 0
	PLAY/CUT	0 1 1 1 1 1 1 0	0 1 1 1 0 0 0 0

FUNCTION		CUSTOM CODE	DATA CODE
		0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7
CD	—	0 1 1 1 1 1 1 0	1 1 0 1 0 0 0 0
	+	0 1 1 1 1 1 1 0	0 1 0 1 0 0 0 0
	◀◀	0 1 1 1 1 1 1 0	1 0 1 1 0 0 0 0
	▶▶	0 1 1 1 1 1 1 0	0 0 1 1 0 0 0 0
	PLAY	0 1 1 1 1 1 1 0	0 0 0 1 0 0 0 0
	PAUSE/STOP	0 1 1 1 1 1 1 0	1 0 0 1 0 0 0 0
	A-B	0 1 1 1 1 1 1 0	0 1 1 0 0 0 0 0
TAPE	DIR A	0 1 1 1 1 1 1 0	1 1 1 0 0 0 0 0
	PLAY	0 1 1 1 1 1 1 0	0 0 0 0 0 0 0 0
	DIR B	0 1 1 1 1 1 1 0	0 0 0 0 0 0 1 0
	REC MUTE	0 1 1 1 1 1 1 0	1 0 1 0 0 0 0 0
	◀◀	0 1 1 1 1 1 1 0	1 0 0 0 0 0 0 0
	STOP	0 1 1 1 1 1 1 0	1 1 0 0 0 0 0 0
	▶▶	0 1 1 1 1 1 1 0	0 1 0 0 0 0 0 0
REAR LEVEL	DOWN	0 1 1 1 1 1 1 0	1 1 1 1 1 0 1 0
	UP	0 1 1 1 1 1 1 0	0 1 1 1 1 0 1 0
AUDIO MUTING	—20dB	0 1 1 1 1 1 1 0	0 0 1 1 1 0 0 0
	DOWN	0 1 1 1 1 1 1 0	1 1 0 1 1 0 0 0
VOLUME	UP	0 1 1 1 1 1 1 0	0 1 0 1 1 0 0 0



## PARTS LIST

## ■WARNING

Components having special characteristics are marked  $\Delta$  and must be replaced with parts having specifications equal to those originally installed.

● Carbon resistors 1/4W are not included in the ELECTRICAL PARTS list.  
For the parts No. of the carbon resistor, refer to p. 31.

## ■ELECTRICAL PARTS

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※	NA 09 04 60	Main Circuit Board	メ イ ン シ ー ト				
	FG 41 05 00	Ceramic Cap.	セ ラ コ ン	C233,234			
	FG 21 11 00	"	"	C133,134,397			
	FG 21 22 20	"	"	C105,106,229,230			
	FG 41 13 30	"	"	C149,171,203,204,396			
	FG 71 31 20	"	"	C127,128			
	FG 41 21 00	"	"	C194,195			
	FG 41 32 20	"	"	C129,130			
	FG 41 33 30	"	"	C153,156			
	FG 21 21 80	"	"	C176			
	FG 41 34 70	"	"	C186			
	FG 71 32 70	"	"	C169			
	FG 41 24 70	"	"	C155,158,188			
	FG 24 36 80	"	"	C170			
	FG 41 31 00	"	"	C189,192,235,236			
	FG 71 38 20	"	"	C154,157			
	FG 44 41 00	"	"	C108,164,174,184,210,398,399			
	FG 44 44 70	"	"	C185,198,394,395			
	FH 23 41 00	"	"	C215			
※	VB 31 05 00	Electrolytic Cap.	ブ ロ ッ ク ケ ミ コ ン	C212,213			
	UA 55 31 50	Mylar Cap.	マ イ ラ ー コ ン	C148			
	UA 25 41 10	"	"	C115,116			
	FA 15 41 20	"	"	C147			
	FA 15 43 90	"	"	C113,114,123~126			
	UA 25 44 70	"	"	C243,244			
	UA 25 45 60	"	"	C191			
	FA 15 52 20	"	"	C142,144			
	UA 55 54 70	"	"	C143			
	FA 41 35 60	"	"	C145,146			
	UJ 11 73 30	Electrolytic Cap.	ケ ミ コ ン	C225			
	UH 11 81 00	"	"	C135,136			
	UJ 11 84 70	"	"	C111,112			
	UH 13 71 00	"	"	C231,232			
	UH 14 64 70	"	"	C167			
	UH 14 71 00	"	"	C137~141,150~152,160~162,172,175,183,187,196,199~202,207~209,217~220			
	UH 14 72 20	"	"	C117,118			
	UJ 14 73 30	"	"	C223			
	UH 14 74 70	"	"	C131,132,165,180,197			
	UH 14 81 00	"	"	C166			
	UJ 14 82 20	"	"	C121,122,178			
	UH 16 61 00	"	"	C103,104,159,163,168,173,179,190,193,205,206,224,227,228			
	UJ 87 71 00	"	"	C241,242			
	UH 16 74 70	"	"	C177,237,238			
※	UH 17 81 00	"	"	C239			
	UK 66 54 70	"	B P コ ン	C211			
	UJ 16 51 00	"	ケ ミ コ ン	C182			
	UW 86 52 20	"	"	C214			
	UW 56 53 30	"	"	C181			
	GD 90 04 70	Coil	コ イ ル	L101,102			
	HF 85 41 00	Carbon Resistor	カ ー ボ ン 抵 抗	R101,102			
	HF 85 42 20	"	"	R221			

※New Parts (新規部品)

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	HF 85:43:30	Carbon Resistor	33Ω 1/6W	カーボン抵抗	R105,106		
	HF 85:51:00	"	100Ω 1/6W	"	R129,130,251,252,259,260,313,314		
	HF 85:51:50	"	150Ω 1/6W	"	R121,122		
	HF 85:54:70	"	470Ω 1/6W	"	R133,134,137,138		
	HF 85:61:00	"	1kΩ 1/6W	"	R247,248,261,262		
	HF 85:61:20	"	1.2kΩ 1/6W	"	R155,156		
	HF 85:61:50	"	1.5kΩ 1/6W	"	R285,286,289,290		
	HF 85:63:30	"	3.3kΩ 1/6W	"	R177,224		
	HF 85:62:70	"	2.7kΩ 1/6W	"	R157,158		
	HF 85:64:70	"	4.7kΩ 1/6W	"	R174,175,201		
	HF 85:65:60	"	5.6kΩ 1/6W	"	R207,208		
	HF 85:66:80	"	6.8kΩ 1/6W	"	R127,128,180,181		
	HF 85:68:20	"	8.2kΩ 1/6W	"	R192~197,200,212,213,215		
	HF 85:71:00	"	10kΩ 1/6W	"	R141,142,147,148,151,152,159~163,169,179,183,211,239,240		
	HF 85:71:20	"	12kΩ 1/6W	"	R218		
	HF 85:72:20	"	22kΩ 1/6W	"	R187,216,217,227,231,234		
	HF 85:74:70	"	47kΩ 1/6W	"	R131,132,135,198,199,220,223		
	HF 85:75:60	"	56kΩ 1/6W	"	R287,288,291,292		
	HF 85:76:80	"	68kΩ 1/6W	"	R226		
	HF 85:78:20	"	82kΩ 1/6W	"	R109,110,125,126,214		
	HF 85:81:00	"	100kΩ 1/6W	"	R143,144,167,168,170~172,188~191,204,206,232,308		
	HF 85:81:20	"	120kΩ 1/6W	"	R107,108		
	HF 85:81:50	"	150kΩ 1/6W	"	R229		
	HF 85:82:20	"	220kΩ 1/6W	"	R237		
	HF 85:82:70	"	270kΩ 1/6W	"	R228		
	HF 85:83:30	"	330kΩ 1/6W	"	R230,303,304		
	HF 85:84:70	"	470kΩ 1/6W	"	R139,140,164,165,219,222,235,236		
	HF 85:92:20	"	2.2MΩ 1/6W	"	R149,150		
※	VB 12:44:00	Metal Oxide Film Resistor	0.1Ω 2P	酸 金 抵 抗	R299,300		
	HL 32:45:60	"	56Ω 2P	"	R264		
	HL 32:46:80	"	68Ω 2P	"	R265		
	HL 72:51:80	"	180Ω 2P	"	R267		
	HV 45:34:70	Flame Proof Carbon Resistor	4.7Ω 1/4W	不燃化カーボン抵抗	R305,306,309,310		
	HV 75:31:00	"	1Ω 1/4W	"	R263,298		
	HV 45:51:00	"	100Ω 1/4W	"	R205,297,319,320		
	HV 45:64:70	"	4.7kΩ 1/4W	"	R301,302		
※	VB 19:27:00	Potentiometer with Motor	100kΩ×2	モーター駆動ポリウム	VR102		
※	VB 11:53:00	Potentiometer	50kΩ	可 変 抵 抗 器	VR103		
※	VB 11:54:00	"	100kΩ	"	VR101		
※	VB 11:55:00	"	50kΩ	"	VR104		
※	iA 09:70:00	Transistor	2SA970(GR,BL)	ト ラ ン ジ ス タ	Q121		
	VB 31:14:00	"	2SB889(P,Q,R)	"	Q116	♪	
	iC 18:15:20	"	2SC1815 (Y)	"	Q117~119		
	iC 22:40:00	"	2SC2240(GR,BL)	"	Q105,120,122~124		
	iX 60:42:00	"	2SC2878 (A,B)	"	Q106~114		
※	VB 31:13:00	"	2SD1200(P,Q,R)	"	Q115	♪	
	iF 00:06:70	Diode	1S2473	ダ イ オ ード	D104,105,109~111	併用 Inter- changeable	
	iF 00:00:40	"	1S1555	"	"		
	iF 00:14:00	"	1SS82	"	D112		

※ New Parts (新規部品)



Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	iF 00:20:80	Zener Diode	HZ16-3L	ツェナーダイオード	D107		
	iF 00:70:70	"	MA1150H	"	D106		
	iG 06:21:10	IC	LM1111BN	I C	IC110		
	iG 03:13:00	"	NE570N	"	IC106		
	iG 03:75:00	"	MN3101	"	IC108		
※	XA 95:60:01	"	NJM2068S	"	IC101,105		
	iG 07:69:00	"	NJM2041S	"	IC102~104,109,111,112,114		
	XA 85:80:01	"	MN3007	"	IC107		
	iG 14:93:00	"	LC4966	"	IC115~119		
※	XB 02:90:01	"	STK4191-V	"	IC120		
※	XA 55:00:01	"	MN6632A	"	IC113		
	iH 00:11:60	Diode Bridge	4D4B41	ダイオードブリッジ	D108		
※	VB 11:61:00	Remote Rotary Switch		リモートロータリースイッチ	SW104		
※	VB 11:59:00	Push Switch	11連	プッシュスイッチ	SW102		
※	VB 11:58:00	"	2連	"	SW103		
	KC 00:20:00	Relay	JR-2a-DC24V	リ レ ー	RY101		
	LB 20:23:50	Pin Jack	2P	ピンジャック	PJ101		
	LB 40:10:70	"	4P	"	PJ102~109		
	LA 00:53:00	Push Terminal	4P	プッシュターミナル			
	LB 91:80:20	Base Pin	2P i-Type	H X 型 ベースピン			
	BB 06:95:10	Ground Plate		アース金具			
	BA 08:40:00	Heat Sink		放 熱 板			
	Ei 33:01:06	Bind Tapping Screw	3×10 ZMC2-BI	バインドタッピングネジ	PACK		
※	VB 16:51:00	Shielding Plate		シールド板			
	Ei 33:00:86	Bind Tapping Screw	3×8 FCM3-BI	バインドタッピングネジ	PACK		
	EV 41:30:36	Toothed Washer	φ3 FCM3-BI	内 歯 付 座 金	PACK		
※	NA 09:04:90	Micro Computer Circuit Board		マイコンシート		J	
※	NA 09:05:00	"		"		R	
※	NA 09:05:10	"		"		U,C	
	Fi 41:41:00	Ceramic Cap.	0.01μF VA-1	セ ラ コ ン	C431		
	Fi 51:41:00	"	0.01μF DNS	"	"	併用 Interchangeable	
	FG 41:16:80	"	68pF 50V	"	C439		
	FG 41:21:00	"	100pF 50V	"	C446		
	FG 21:21:20	"	120pF 50V	"	C443,444		
	FG 21:22:20	"	220pF 50V	"	C421		
	FG 21:23:30	"	330pF 50V	"	C442		
	FG 41:24:70	"	470pF 50V	"	C417,422		
	FG 41:31:00	"	1000pF 50V	"	C440,441		
	FG 41:34:70	"	4700pF 50V	"	C412		
	FG 44:41:00	"	0.01μF 50V	"	C405,434,435,452		
	FG 44:44:70	"	0.047μF 50V	"	C406,407,454		
	FZ 00:41:30	"	0.1μF 25V	"	C420		
※	VB 17:01:00	Electrolytic Cap.	4700μF 5.5V	ケ ミ コ ン	C419		
	UH 12:74:70	"	47μF 10V	"	C415,437,447~451		
	UJ 12:81:00	"	100μF 10V	"	C408,410,411,426,433,438,453		
	UH 13:71:00	"	10μF 16V	"	C416,418,430,436		

※New Parts (新規部品)

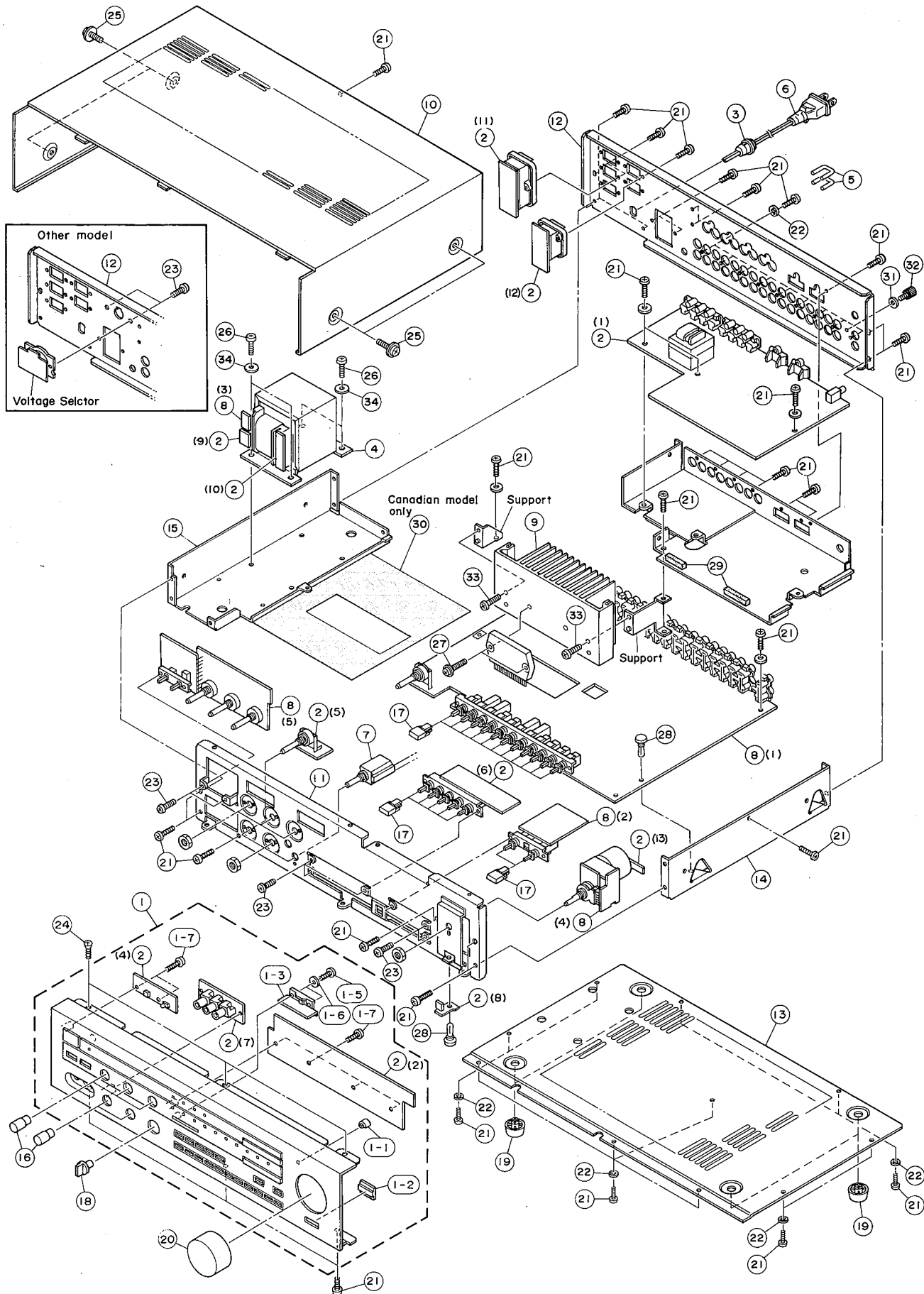
Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	UJ 11:84:70	Electrolytic Cap.	470 $\mu$ F 6.3V	ケ ミ コ ン	C445		
	UH 01:83:30	"	330 $\mu$ F 6.3V	"	C424		
	UJ 13:83:30	"	330 $\mu$ F 16V	"	C428		
	UH 16:61:00	"	1 $\mu$ F 50V	"	C413		
	UH 16:62:20	"	2.2 $\mu$ F 50V	"	C423		
	UH 16:64:70	"	4.7 $\mu$ F 50V	"	C401~404,414		
	UJ 13:91:00	"	1000 $\mu$ F 16V	"	C425		
	UW 63:92:20	"	2200 $\mu$ F 16V	"	C427		
	UW 94:84:70	"	470 $\mu$ F 25V	"	C429	J,U,C	
	FJ 17:84:70	"	470 $\mu$ F 63V	"	"	R	
	FM 11:61:00	"	1 $\mu$ F 50V	B P コ ン	C432		
※	VA 92:68:00	Coil	38kHz	同 調 コ イ ル	L401		
※	VB 11:56:00	"	15 $\mu$ H	コ イ ル	L402,403		
※	VB 11:50:00	Filter	200nsec	デ ィ レ イ ラ イ ン	Fi401		
	GG 00:07:00	Ceramic Resonator	FCR400K	セ ラ ミ ッ ク 振 動 子	XL401		
※	XA 75:20:01	Power Transformer		電 源 ト ラ ン ス	T401	J	
※	XA 75:30:01	"		"	"	R	
※	XA 75:40:01	"		"	"	U,C	
	HL 33:46:80	Metal Oxide Film Resistor	68 $\Omega$ 3P	酸 金 抵 抗	R402		
				"			
	HV 45:31:00	Flame Proof Carbon Resistor	1 $\Omega$ 1/4W	不 燃 化 カ ー ボ ン 抵 抗	R441,460,461		
	HV 45:34:70	"	4.7 $\Omega$ 1/4W	"	R401		
	HV 45:44:70	"	47 $\Omega$ 1/4W	"	R442		
	HV 45:51:20	"	120 $\Omega$ 1/4W	"	R444		
	HV 45:56:80	"	680 $\Omega$ 1/4W	"	R466		
	HV 45:61:00	"	1k $\Omega$ 1/4W	"	R464		
※	VB 11:51:00	Potentiometer	B500 $\Omega$	可 変 抵 抗 器	VR401,402		
※	VB 11:52:00	"	4k $\Omega$	"	VR403		
	iA 10:15:21	Transistor	2SA1015 (Y)	ト ラ ン ジ ス タ	Q408,418		
	iA 11:15:11	"	2SA1115 (E,F)	"	Q402,410,411,416		
	iX 60:31:70	"	2SA1310(R,S,T)	"	"	併用 Interchangeable	
	iA 10:15:10	"	2SA1015 (E,F)	"	Q413	併用 Interchangeable	R
	iX 60:31:70	"	2SA1310(R,S,T)	"	"	併用 Interchangeable	"
	iC 05:35:00	"	2SC535(A,B,C)	"	Q419,420,422		
	iC 26:03:10	"	2SC2603 (E,F)	"	Q403,404,406,407,414, 415,417,421,423	併用 Interchangeable	
	iX 60:31:80	"	2SC3312(R,S,T)	"	"	併用 Interchangeable	
	iD 07:16:00	"	2SD716 (R,O)	"	Q412		R
	iD 08:80:20	"	2SD880 (O,Y)	"	Q401	併用 Interchangeable	
	iD 08:80:10	"	2SD880 (Y,GR)	"	"	併用 Interchangeable	
	iC 18:15:20	"	2SC1815 (Y)	"	Q409		
	iF 00:06:70	Diode	1S2473	ダ イ オ ード	D401,403~407,412~415,422~426, 429,431,449,450	併用 Interchangeable	
	iF 00:00:40	"	1S1555	"	"	併用 Interchangeable	
	iH 00:14:30	"	1SR35-100A	"	D418~421,427		
	iF 00:21:40	Zener Diode	RD5.6EB2	ツェナーダイオード	D409	併用 Interchangeable	
	iF 00:67:20	"	MA1056L	"	"	併用 Interchangeable	
	iF 00:15:10	"	HZ6C1L	"	D410,411,416,417	併用 Interchangeable	
	iF 00:14:70	"	RD6.2EB2	"	"	併用 Interchangeable	

※ New Parts (新規部品)

Ref. No.	Part No.	Description	部 品 名		Remarks	Common Model	Markets	ランク
	iF 00:35:50	Zener Diode	HZ12B2	ツェナーダイオード	D428		R	
	iX 60:19:90	"	MA1051M	"	D430			
	iF 00:20:80	"	HZ16-3L	"	D402			
	iF 00:87:30	LED	SLR-34URC3H3	L E D	D433~437,448			
	iF 00:87:40	"	SLR-34MC3H3	"	D438~447			
	iF 00:45:90	Photo Diode	TSP703	フोटダイオード	D432	併用 Interchangeable		
	iF 00:47:10	"	PH302	"	"			
※	XB 04:40:01	IC	LB1645N	I C	IC403	併用 Interchangeable		
	iG 10:11:00	"	BA6209	"	"			
	iG 00:12:70	"	TC4066P	"	IC401	併用 Interchangeable		
	iG 06:16:00	"	μPD4066BC	"	"			
	iG 08:92:00	"	LC4066B	"	"			
	iG 03:55:00	"	TC4028BP	"	IC405	併用 Interchangeable		
	iG 14:87:00	"	BU4028B	"	"			
	iG 14:92:00	"	BA6340	"	IC402			
※	XA 54:90:01	"	LB1294	"	IC406~408			
※	XA 86:90:01	"	LC6505C-3039	<del>IC404</del>	IC404			
※	VB 11:48:00	Push Switch	5連	プッシュスイッチ	SW401			
※	VB 11:49:00	"	2連	"	SW402			
	KA 90:63:80	Switch		ライトタッチスイッチ	SW403~409			
	VA 96:18:00	Voltage Selector		電 圧 切 換 器	SW410		R	△
	KB 00:03:50	Fuse	T2.0A 250V	ヒ ユ ー ズ	F402		R	△
	KB 00:03:80	"	T4.0A 250V	"	F401		J,R	△
	KB 00:25:70	"	4A 250V	"	"		U,C	△
※	KC 00:19:10	Relay	DH12DI-OM	リ レ ー	RY401	併用 Interchangeable		
	VA 91:78:00	"	DC12V TV-5	"	"			
※	VB 18:35:00	Pin Jack	1P	ピ ン ジャ ッ ク	PJ403			
※	VB 18:36:00	"	1P	"	PJ404			
※	VB 18:37:00	"	1P	"	PJ405			
※	VB 18:32:00	"	4P	"	PJ401,402			
	LB 10:07:30	Mini Jack	S-G8036	ミ ニ ジャ ッ ク	JK401			
	LB 20:18:80	Fuse Holder Pin		ヒューズホルダーピン				
	LB 40:14:60	AC Outlet	2連 M7031-C	A C アウトレット				
	LB 60:81:60	"	3連 M7032-C	"				
	LB 91:80:20	Base Pin	2P i-Type	X H ベースピン				
	LB 91:80:30	"	3P "	"				
	LB 91:80:40	"	4P "	"				
	LB 91:80:50	"	5P "	"				
	LB 91:80:80	"	8P "	"				
	LB 91:81:00	"	10P "	"				
※	VA 72:59:00	Holder	9P	ケーブルホルダー				
※	LB 50:07:10	Socket	5P	コネクターソケット				
※	LB 60:83:90	"	6P	"				
※	VA 82:70:00	Connector	9P	コネクター				

※New Parts (新規部品)

# EXPLODED VIEW



## MECHANISM PARTS

Note)  $\phi$  : Diameter

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※ 1	NB 63 44 60	Panel Unit	パ ネ ル ユ ニ ッ ト				
1-1	CB 64 01 60	Lens	レ ン ズ				
1-2	CB 64 01 70	Filter	フ ィ ル タ ー				
1-3	CB 63 99 70	Button	ボ タ ン シ ー ソ ー				
1-5	Ei 02 00 66	Bind Tapping Screw	2×6 ZMC2-Y バインドタッピングネジ	PACK			
※ 1-6	EV 30 02 06	Plain Washer	$\phi$ 2 ZMC2-Y 平 座 金	PACK			
1-7	Ei 33 00 86	Bind Tapping Screw	3×8 FCRM3-BI バインドタッピングネジ	PACK			
※ 2	NA 09 04 90	Micro Computer Circuit Board	マイ コン シ ー ト			J	
※ "	NA 09 05 00	"	"			R	
※ "	NA 09 05 10	"	"			U,C	
3	CB 61 68 10	Cord Stopper	CM-22A コ ー ド ス ト ッ パ ー			J	
"	CB 62 02 00	"	CM-22C			U,C	
"	CB 62 01 90	"	CM-22B			R	
※ 4	XA 74 80 01	Power Transformer	電 源 ト ラ ン ス			J	△
※ "	XA 74 90 01	"	"			R	△
※ "	XA 75 00 01	"	"			U	△
※ "	XA 75 10 01	"	"			C	△
5	LB 10 11 10	Short Plug	シ ョ ー ト プ ラ グ				
6	MG 00 18 10	Power Cord	7A 125V 2.2m 電 源 コ ー ド	併用 Interchangeable		J	△
"	MG 00 22 90	"	7A 125V 2m			J	△
"	MG 00 16 30	"	6A 250V 2m	併用 Interchangeable		R	△
"	MG 00 23 70	"	10A 125V 2m			U,C	△
"	MG 00 22 20	"	10A 125V 2m			U,C	△
※ 7	VB 11 60 00	Rotary Switch	ロ ー タ リ ー ス イ ッ チ	SURROUND MODE SELECTOR			
※ 8	NA 09 04 60	Main Circuit Board	メ イ ン シ ー ト				
※ 9	VB 11 26 00	Radiator	ラ ジ エ タ ー				
※ 10	VB 11 13 00	Top Cover	ト ッ プ カ バ ー				
※ 11	VB 11 14 00	Sub Chassis	サ ブ シ ャ ー シ				
※ 12	VB 11 15 00	Rear Panel	リ ア パ ネ ル			J	
※ "	VB 11 16 00	"	"			R	
※ "	VB 11 18 00	"	"			U,C	
※ 13	VB 11 21 00	Bottom Cover	ボ ト ム カ バ ー				
※ 14	VB 11 22 00	Frame (L)	フ レ ー ム (L)				
※ 15	VB 11 23 00	" (R)	" (R)				
16	BA 08 71 90	Knob	ツ マ ミ				
17	CB 63 42 30	Push Button	ブ ッ シ ュ ボ タ ン				
18	CB 62 08 40	Knob	ツ マ ミ				
19	CB 08 03 50	Leg	脚				
※ 20	VB 22 97 00	Knob	ツ マ ミ				
21	Ei 33 00 86	Bind Tapping Screw	3×8 FCRM3-BI バインドタッピングネジ	PACK			
22	EV 41 30 36	Toothed Washer	$\phi$ 3 FCRM3-BI 内 歯 付 座 金	PACK			
23	ED 33 00 66	Bind Screw	3×6 FCRM3-BI バ イ ン ド 小 ネ ジ	PACK			
24	EO 33 00 66	Flat Head Tapping Screw	3×6 ZMC2-Y 皿 タ ッ ピ ン グ ネ ジ	PACK			
※ 25	EK 96 60 70	BW Head Tapping Screw	4×8 ZMC2-BI プレザータッピングネジ				
26	Ei 04 00 66	Bind Tapping Screw	4×6 ZMC2-Y バインドタッピングネジ	PACK			
※ 27	EZ 00 13 50	Cup Screw	3×14 FCM3-BI カ ッ プ 小 ネ ジ				
28	CB 60 56 20	Plastic Rivet	プラスチックリベット				
29	CB 61 06 10	Spacer	ス ペ ー サ ー				
※ 30	VB 59 83 00	Sheet	シ ー ト			C	
31	EV 90 13 60	Sems Plain Washer	セ ム ス 平 座 金				
32	AA 62 73 10	GND Terminal	G N D タ ー ミ ナ ル				
33	Ei 33 01 06	Bind Tapping Screw	3×10 ZMC2-BI バインドタッピングネジ	PACK			
34	EV 20 00 46	Plain Washer	$\phi$ 4 ZMC2-Y 平 座 金				

※ New Parts (新規部品)

AVC-50

✖

✖

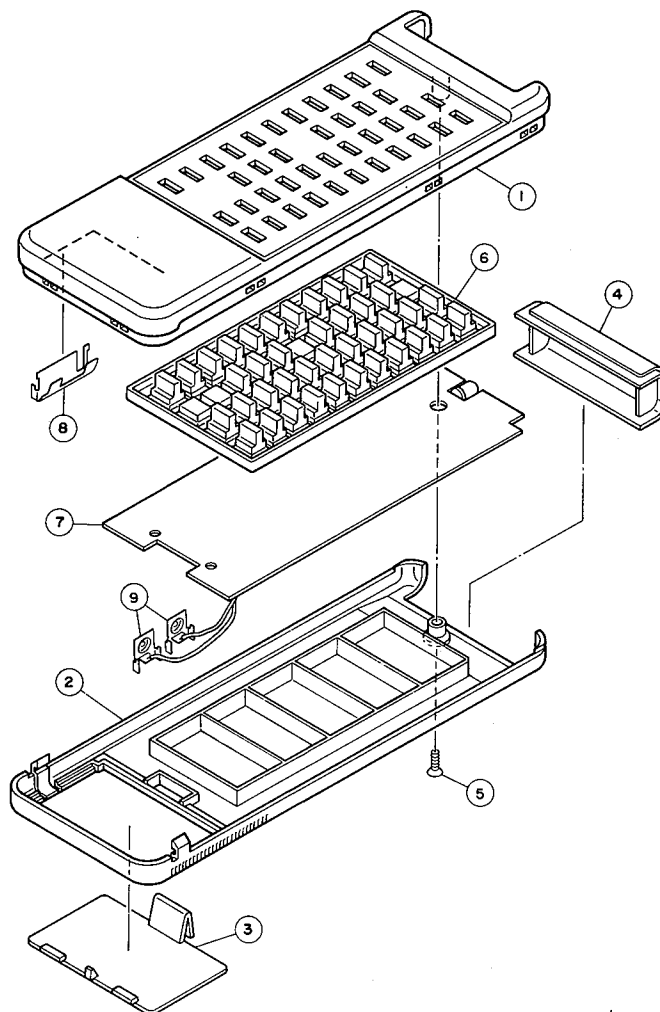
✖

✖

[illegible]

29

# EXPLODED VIEW(RS-AVC50)



Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※	VA 80:11:00	Remote Control Transmitter	RS-AVC50	リモートコントロール トランスミッター			
※	1 XX 67:77:10	Case(A)		ケ ー ス(A)			
※	2 XX 67:77:20	Case(B)		ケ ー ス(B)			
※	3 XX 67:77:30	Case(C)		ケ ー ス(C)			
※	4 XX 67:17:30	Filter		フ ィ ル タ ー			
※	5 EO 32:61:26	Flat Head Tapping Screw	2.6x12 FCM3-BI	皿 タ ッ ピ ン グ ネ ジ	PACK		
※	6 XX 67:77:50	Rubber		ゴ ム 接 点			
※	7 XX 67:77:60	P.C. Board Ass'y		プ リ ン ト 基 板 Ass'y			
※	8 XX 67:16:80	Battery Terminal A		電 池 電 極 板 A			
※	XX 67:77:60	P.C. Board Ass'y		プ リ ン ト 基 板 Ass'y			
※	iX 60:70:40	IC	μPD6102G	I C	IC1		
	QX 60:00:40	Ceramic Resonator	KBR-455BT	セ ラ ミ ッ ク 振 動 子	X01		
	FG 21:21:00	Ceramic Cap.	100pF 50V	セ ラ コ ン	C01,02		
	UJ 11:74:70	Electrolytic Cap.	47μF 6.3V	ケ ミ コ ン	C03		
	iC 26:73:00	Transistor	2SC2673	ト ラ ン ジ ス タ	Q01		
	HX 60:14:00	Carbon Resistor		カ ー ボ ン 抵 抗	R01		
	iX 60:36:00	LED	SLR-932A	L E D	LED01		
	iF 00:34:50	Diode	1SS133	ダ イ オ ー ド	D02~07		
9	XX 67:16:90	Battery Terminal C		電 池 電 極 板 C			

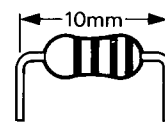
※New Parts (新規部品)

# Parts List for Carbon Resistor

Value	1/4W Type Part No.	1/6W Type Part No.	Value	1/4W Type Part No.	1/6W Type Part No.
1.0 $\Omega$	HJ353100	※	12K $\Omega$	HJ357120	HF857120
1.8 "	HJ353180	※	15 "	HJ357150	HF857150
2.2 "	HJ353220	HF853220	18 "	HJ357180	HF857180
3.3 "	HJ353330	HF853330	22 "	HJ357220	HF857220
4.7 "	HJ353470	HF853470	27 "	HJ357270	HF857270
5.6 "	HJ353560	HF853560	33 "	HJ357330	HF857330
10 "	HJ354100	HF854100	39 "	HJ357390	HF857390
15 "	HJ354150	HF854150	47 "	HJ357470	HF857470
22 "	HJ354220	HF854220	56 "	HJ357560	HF857560
27 "	HJ354270	HF854270	68 "	HJ357680	HF857680
33 "	HJ354330	HF854330	82 "	HJ357820	HF857820
39 "	HJ354390	HF854390	91 "	HJ357910	HF857910
47 "	HJ354470	HF854470	100 "	HJ358100	HF858100
56 "	HJ354560	HF854560	120 "	HJ358120	HF858120
68 "	HJ354680	HF854680	150 "	HJ358150	HF858150
82 "	HJ354820	HF854820	180 "	HJ358180	HF858180
100 "	HJ355100	HF855100	220 "	HJ358220	HF858220
110 "	HJ355110	HF855110	270 "	HJ358270	HF858270
120 "	HJ355120	HF855120	330 "	HJ358330	HF858330
150 "	HJ355150	HF855150	390 "	HJ358390	HF858390
160 "	HJ355160	※	470 "	HJ358470	HF858470
180 "	HJ355180	HF855180	560 "	HJ358560	HF858560
220 "	HJ355220	HF855220	680 "	HJ358680	HF858680
270 "	HJ355270	HF855270	820 "	HJ358820	HF858820
330 "	HJ355330	HF855330	1.0M $\Omega$	HJ359100	HF859100
390 "	HJ355390	HF855390	1.2 "	HJ359120	※
470 "	HJ355470	HF855470	1.5 "	HJ359150	HF859150
510 "	※	HF855510	1.8 "	HJ359180	HF859180
560 "	HJ355560	HF855560	2.2 "	HJ359220	HF859220
680 "	HJ355680	HF855680	3.3 "	HJ359330	HF859330
820 "	HJ355820	HF855820	3.9 "	HJ359390	※
910 "	HJ355910	HF855910	4.7 "	HJ359470	※
1.0K $\Omega$	HJ356100	HF856100			
1.2 "	HJ356120	HF856120			
1.5 "	HJ356150	HF856150			
1.8 "	HJ356180	HF856180			
2.0 "	HJ356200	HF856200			
2.2 "	HJ356220	HF856220			
2.4 "	HJ356240	HF856240			
2.7 "	HJ356270	HF856270			
3.0 "	HJ356300	HF856300			
3.3 "	HJ356330	HF856330			
3.6 "	HJ356360	HF856360			
3.9 "	HJ356390	HF856390			
4.7 "	HJ356470	HF856470			
5.1 "	HJ356510	HF856510			
5.6 "	HJ356560	HF856560			
6.8 "	HJ356680	HF856680			
8.2 "	HJ356820	HF856820			
9.1 "	HJ356910	HF856910			
10 "	HJ357100	HF857100			

1/4W Type

HJ35○○○○



1/6W Type

HF85○○○○

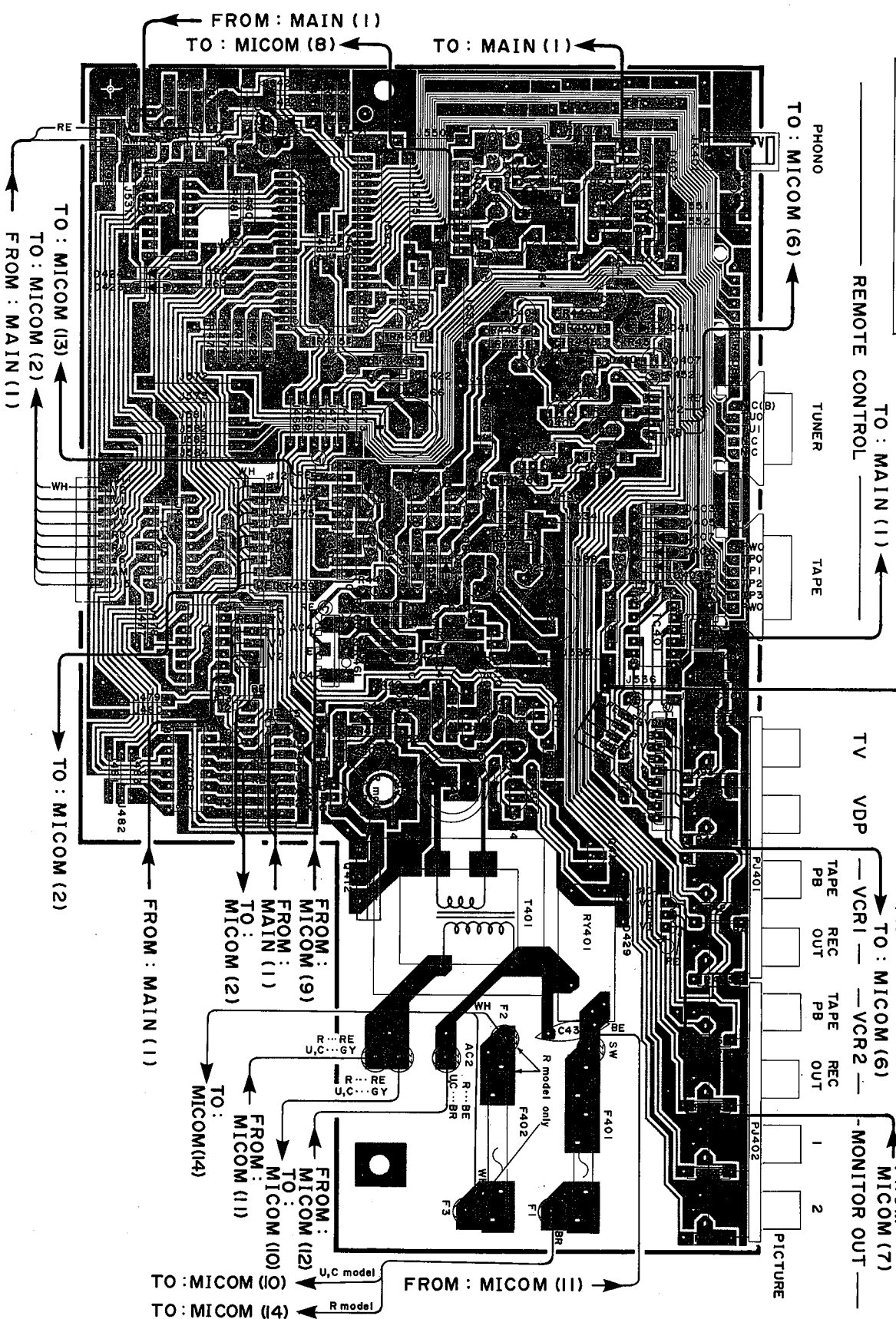




# ■PRINTED CIRCUIT BOARD(Pattern side)

- This printed circuit board is applicable to serial number from 6701.

## μ-COM Circuit Board (1)



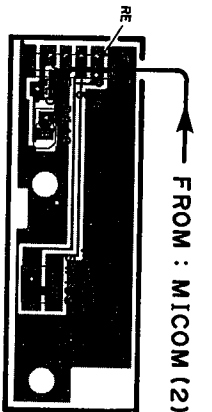
Note) 文字面 : Component side

⌬ : Cylindrical Ceramic Capacitor

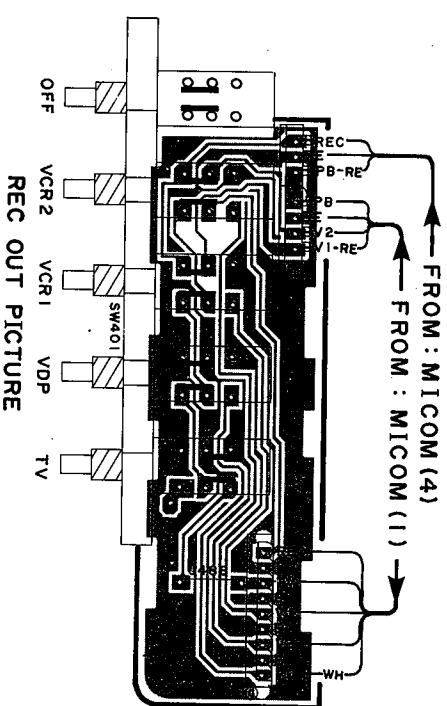
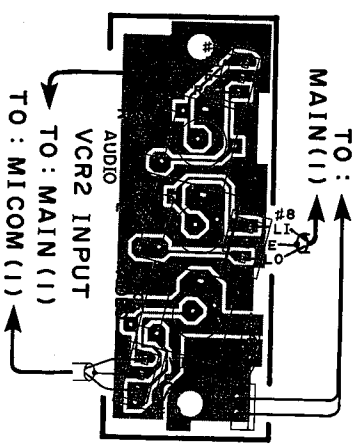
## NOTE: \* marked

	J	R	U.C
R485, 486	OPEN	4.7K	OPEN
D428	OPEN	HZ1282	OPEN
Q413	OPEN	2SA1115 (E, F) or 2SA1310 (R, S, T)	OPEN
Q412	OPEN	2SD716 (R, O)	OPEN
C429	470/25	470/63	470/25
SW410	XA752001	XA753001	XA754001
F402	OPEN	VA96180	OPEN
F401	T4.0A 250V	T2.0A 250V	OPEN
J525	SHORT	T4.0 250V	4A 250V
F402	OPEN	LB20188	SHORT

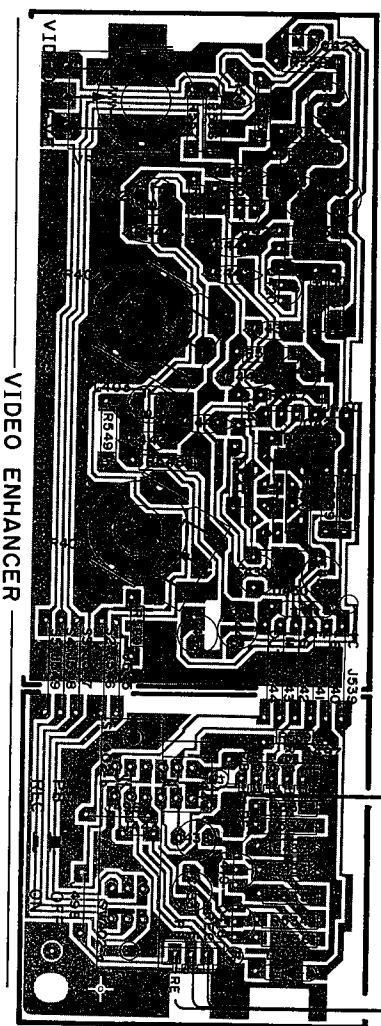
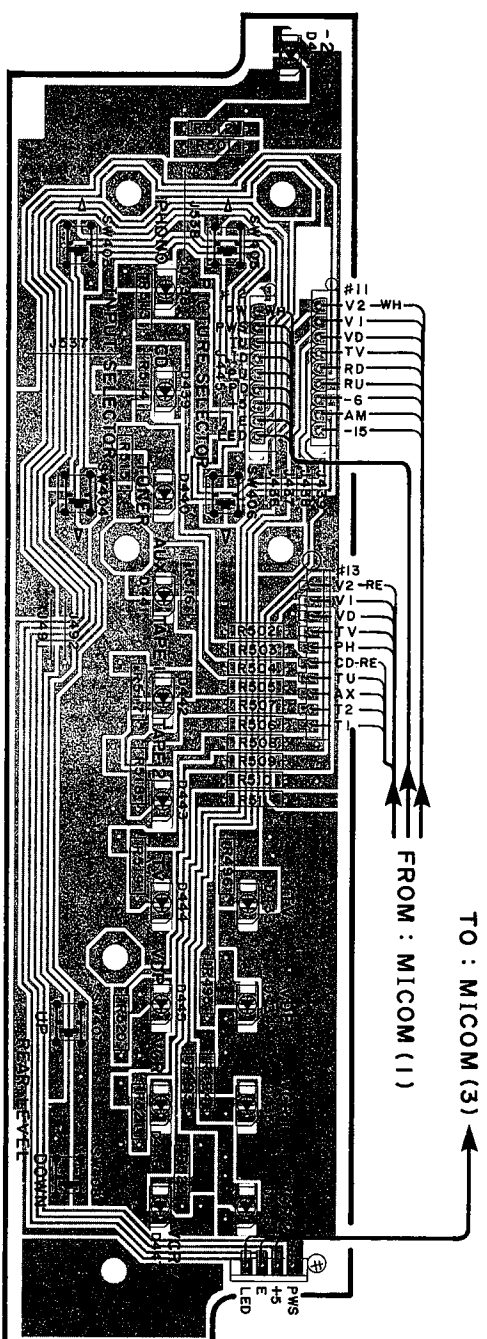
## μ-COM Circuit Board (3)



## μ-COM Circuit Board (7)



FROM: MICOM (1) → TO: MICOM (6)



VIDEO ENHANCER

PRINTED CIRCUIT BOARD(Pattern side)

- This printed circuit board is applicable to serial number from 6701.

Note) 文字面 : Component side

PHONO

CD

TUNER

AUX

TAPE 1

TAPE 2

TV

VDP

VCR 1

VCR 2

OUTPUT

GND

TAPE PB

REC OUT

TAPE PB

REC OUT

FRONT

MAIN IN

REAR

BALANCE

(R)

(L)

Main Circuit Board (1)

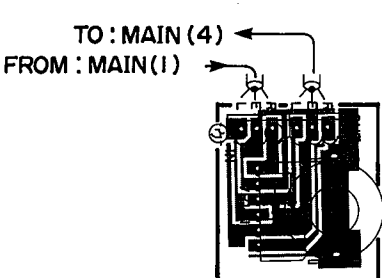
TO: MICOM (1)

SPEAKERS

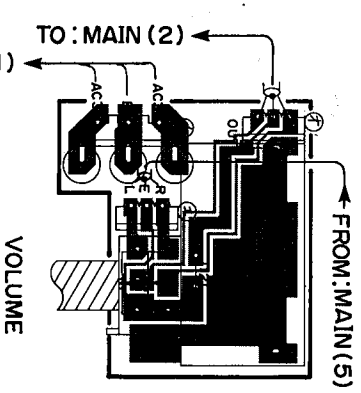
6~16Ω/SPEAKER  
6~16Ω/HAUT-PARLEUR

Main Circuit Board (5)

INPUT  
BALANCE



Main Circuit Board (4)



Main Circuit Board (2)

