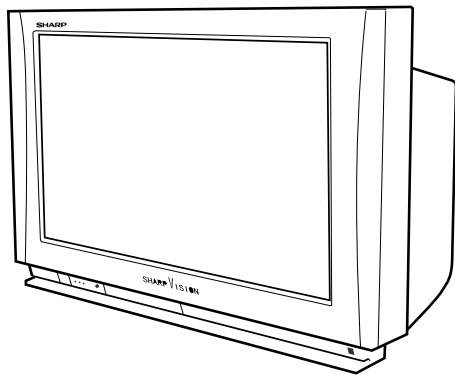


SHARP SERVICE MANUAL

S40Z134N-WF5H



COLOR TELEVISION Chassis No. D00A

MODEL 34N-WF5H

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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ELECTRICAL SPECIFICATIONS

POWER INPUT	120V AC 60 Hz
POWER RATING	205 W
PICTURE SIZE	3,160 cm ² (489 sq inch)
CONVERGENCE	Magnetic
SWEEP DEFLECTION	Magnetic
FOCUS	Hi-Bi-Potential Electrostatic
INTERMEDIATE FREQUENCIES	
Picture IF Carrier Frequency	45.75 MHz
Sound IF Carrier Frequency	41.25 MHz
Color Sub-Carrier Frequency	42.17 MHz
	(Nominal)
AUDIO POWER	
OUTPUT RATING	24 W (12 W + 12 W)(at 10% distortion and Dual CH Operate)
SPEAKER	
SIZE	10 cm (BOX)(2 pcs.), Tweeter (2 pcs.)
VOICE COIL IMPEDANCE	6 ohm at 400 Hz
ANTENNA INPUT IMPEDANCE	
VHF/UHF	75 ohm Unbalanced
TUNING RANGES	
VHF-Channels	2 thru 13
UHF-Channels	14 thru 69
CATV Channels	1 thru 125
	(EIA, Channel Plan U.S.A.)

VIDEO INPUT	(INPUT 1, 2, 3, 4) Composite
	Input Jack : Pin-jack × 1
	Input Level : 1 Vp-p/75 ohm/Negative Sync
S-VIDEO INPUT	(INPUT 1, 2, 3) Y/C
	Y : 1 Vp-p/75 ohm/Negative Sync
	C : 0.286 Vp-p/75 ohm
COMPONENT INPUT ...	(INPUT 4, 5) Component (Y, P _B , P _R)
	Input Jack : Pin-jack × 3 (INPUT 4), BNC × 3 (INPUT 5)
	Input Signal : 480I, 480P, 1080I
	Y : 1 Vp-p/75 ohm/Negative Sync
	P _B , P _R : 0.525 Vp-p/75 ohm
	(75% Saturation Level)
HD INPUT	(INPUT 3) R, G, B, H.V/R, G, B
	Input Jack : D-Sub 15pin × 1
	Input Signal : 480P, 1080I
	RGB : 0.7 Vp-p/75 ohm/No Sync
AUDIO INPUT	(INPUT 1, 2, 3, 4, 5)
	Input Jack : Pin-jack × 2
	0.5 Vrms/22k ohm or over
LINE OUTPUT	Input Jack : Pin-jack × 2
	0.89 Vrms (Max)/2.2k ohm or less/Variable

Specifications are subject to change without prior notice.

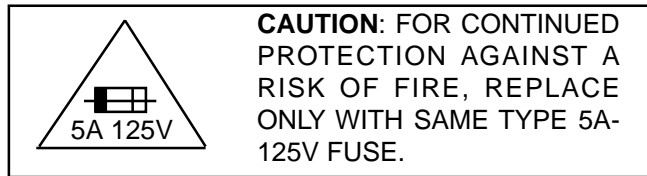
IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.
3. Semiconductor heat sinks are potential shock hazards when the chassis is operating.
4. The chassis in this receiver has two ground systems which are separated by insulating material. The non-isolated (hot) ground system is for the B+ voltage regulator circuit and the horizontal output circuit. The isolated ground system is for the low B+ DC voltages and the secondary circuit of the high voltage transformer.

To prevent electrical shock use an isolation transformer between the line cord and power receptacle, when servicing this chassis.



SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove the static charge by connecting a 10k ohm resistor in series with an insulated wire (such as a test probe) between the picture tube ground and the anode lead. (AC line cord should be disconnected from AC outlet.)

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage anode completely.

X-RADIATION AND HIGH VOLTAGE LIMITS

1. Be sure all service personnel are aware of the procedures and instructions covering X-radiation. The only potential source of X-ray in current solid state TV receivers is the picture tube. However, the picture tube does not emit measurable X-Ray radiation, if the high voltage is as specified in the "High Voltage Check" instructions.

It is only when high voltage is excessive that X-radiation is capable of penetrating the shell of the picture tube including the lead in the glass material. The important precaution is to keep the high voltage below the maximum level specified.

2. It is essential that servicemen have available at all times an accurate high voltage meter. The calibration of this meter should be checked periodically.
3. High voltage should always be kept at the rated value –no higher. Operation at higher voltages may cause a failure of the picture tube or high voltage circuitry and;also, under certain conditions, may produce radiation in exceeding of desirable levels.
4. When the high voltage regulator is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be tested while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly.
5. Do not use a picture tube other than that specified or make unrecommended circuit modifications to the high voltage circuitry.
6. When trouble shooting and taking test measurements on a receiver with excessive high voltage, avoid being unnecessarily close to the receiver. Do not operate the receiver longer than is necessary to locate the cause of excessive voltage.

IMPORTANT SERVICE SAFETY PRECAUTION

(Continued)

BEFORE RETURNING THE RECEIVER

(Fire & Shock Hazard)

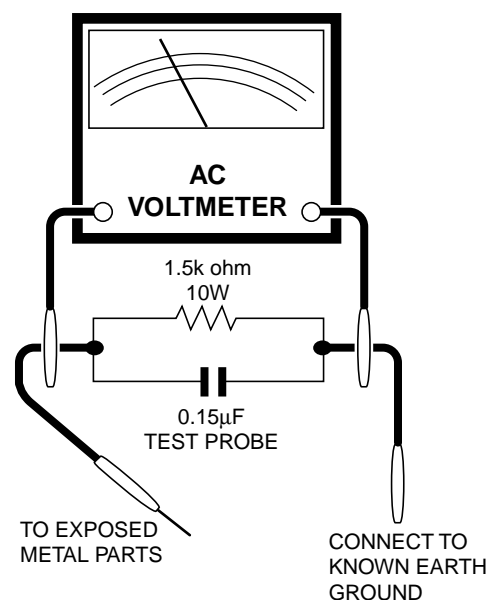
Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 120 volt AC outlet, (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to earth ground.
 - Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor.

- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC ine cord plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these check.)

Any current measured must not exceed 0.5 milliamp. Any measurements not within the limits outlined above indicate of a potential shock hazard and corrective action must be taken before returning the instrument to the customer.



SAFETY NOTICE

Many electrical and mechanical parts in television receivers have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " \triangle " and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

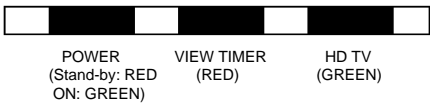
For continued protection, replacement parts must be identical to those used in the original circuit. The use of substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, X-radiation or other hazards.

LOCATION OF USER'S CONTROL

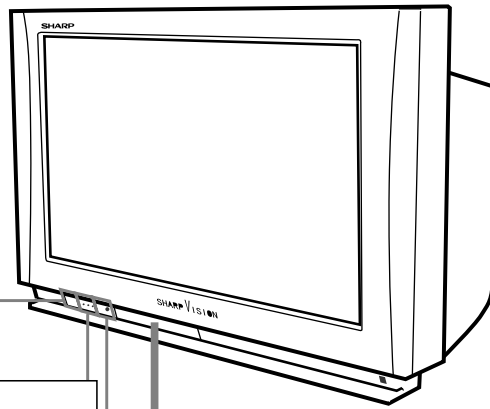
Front control section

POWER
 Press → On.
 Press again → Off.

LED



SENSOR AREA FOR REMOTE CONTROL

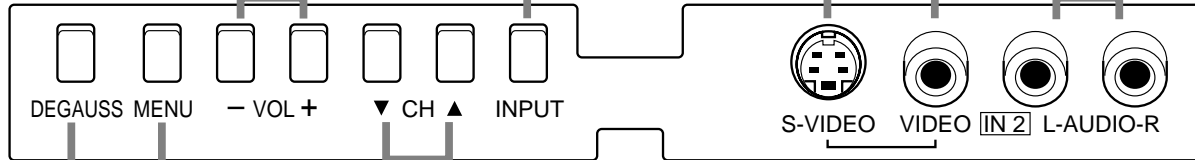


IN DOOR

VOL(+)/(-) buttons
 (+) Increases sound
 (-) Decreases sound

INPUT button
 Selects Input No.

S-VIDEO input VIDEO input AUDIO L/R input



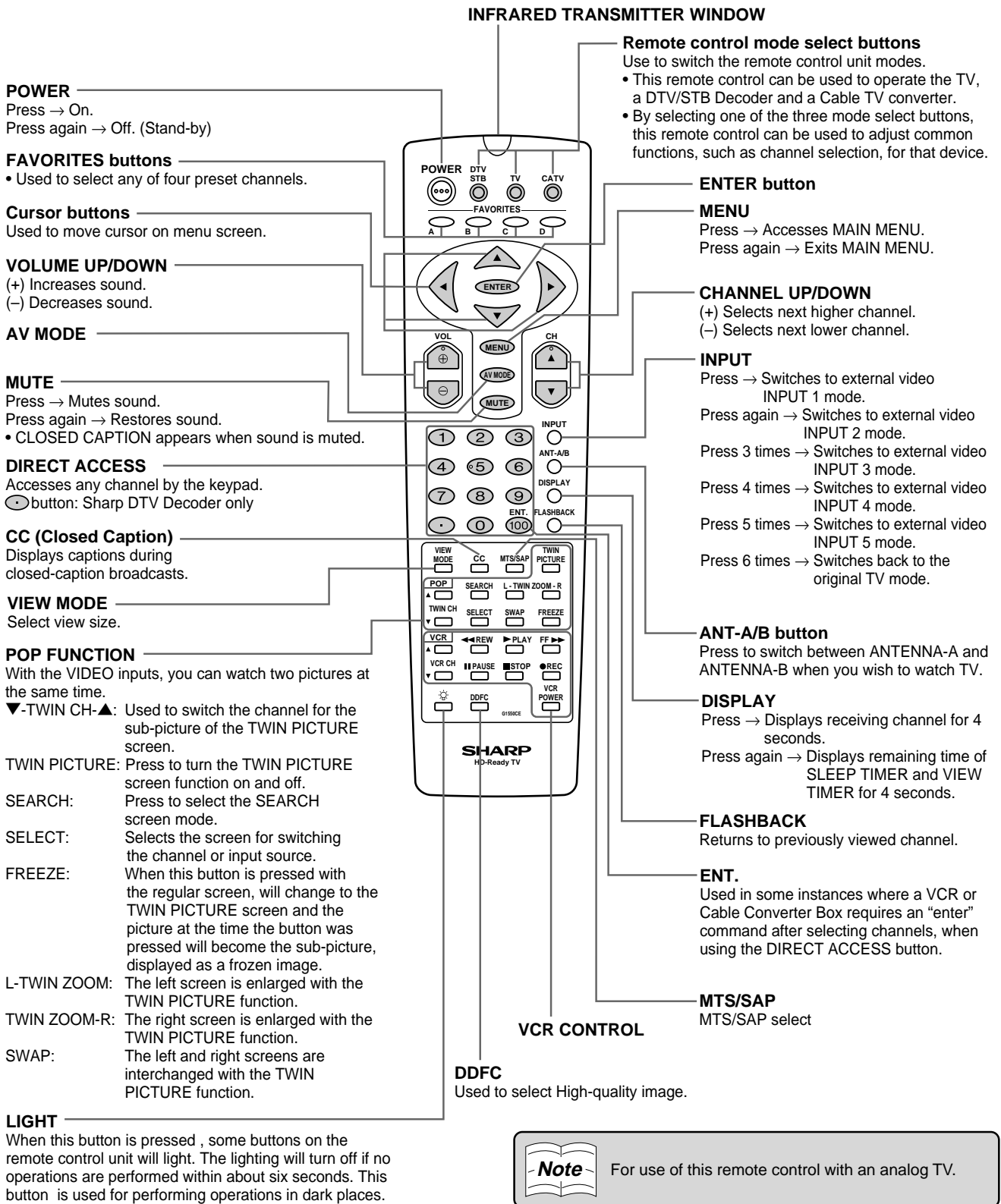
(These terminals are also provided on the rear)

MENU button
 Press MENU button to access the MAIN MENU screen

CH(up)/(down) buttons
 (▲) Selects next higher channel
 (▼) Selects next lower channel

DEGAUSS button
 Press the DEGAUSS button to improve color unevenness of the screen caused by moving the TV or changing the angle of the screen.

LOCATION OF USER'S CONTROL (Continued)



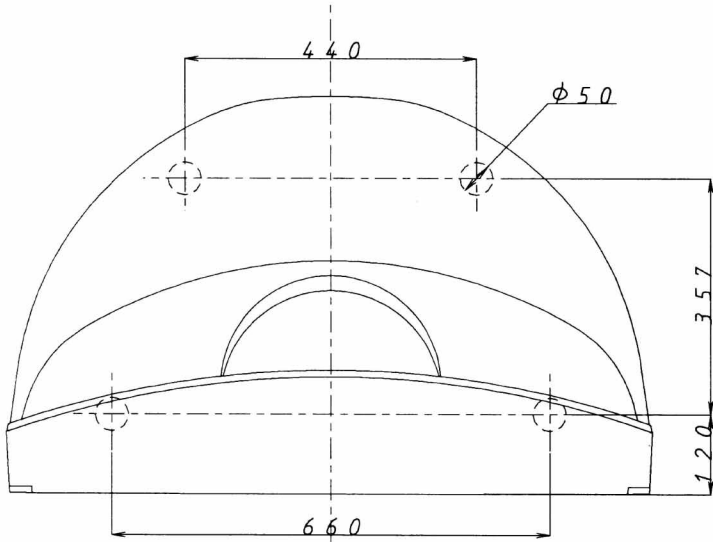
Note For use of this remote control with an analog TV.

Note

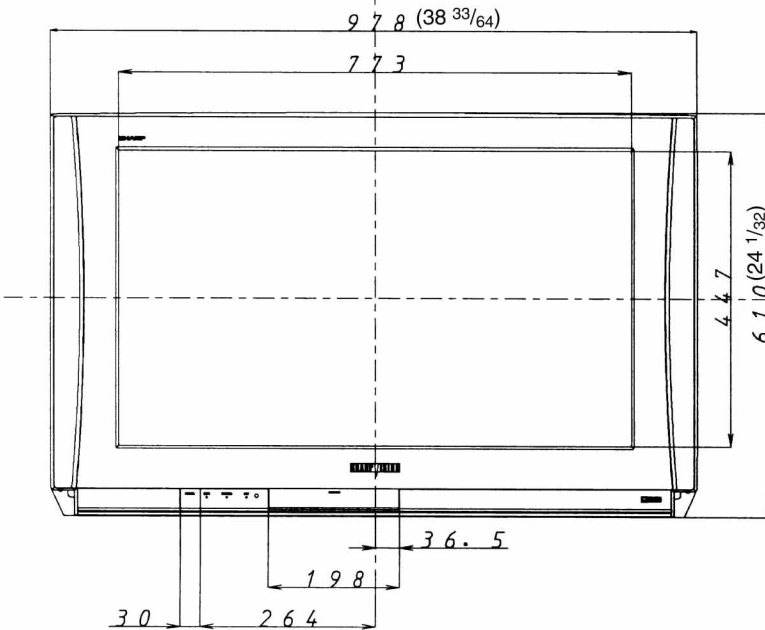
- The above shaded buttons on the Remote Control glow in the dark. To use the glow-in-the-dark display on the remote control, place it under a fluorescent light or other lighting.
- The phosphorescent material contains no radioactive or toxic material, so it is safe to use.
- The degree of illumination will vary depending on the strength of lighting used.
- The degree of illumination will decrease with time and depending on the temperature.
- The time needed to charge the phosphorescent display will vary depending on the surrounding lighting.

DIMENSIONS

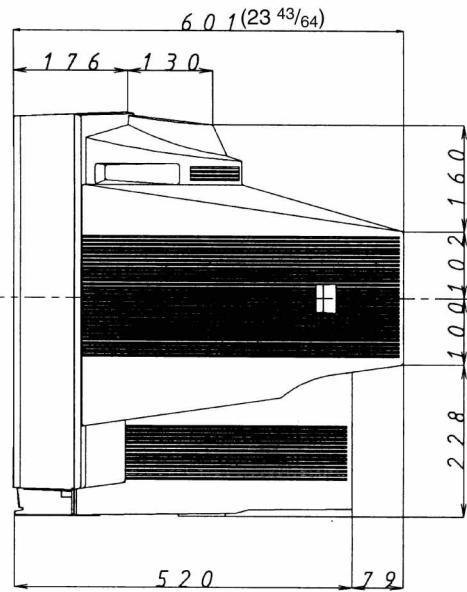
Top View



Front View



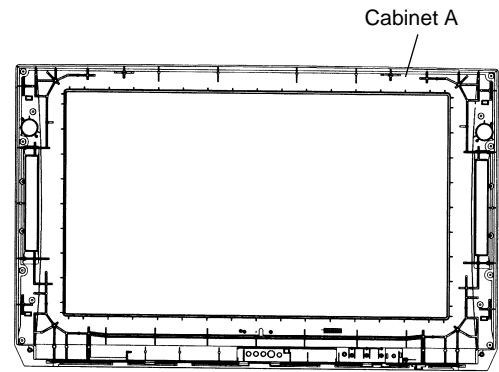
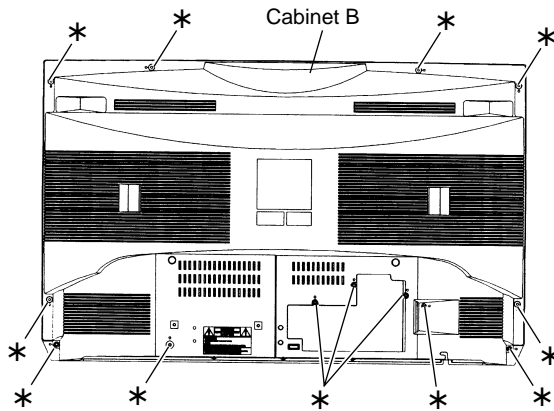
Side View



[Units: mm (inches)]

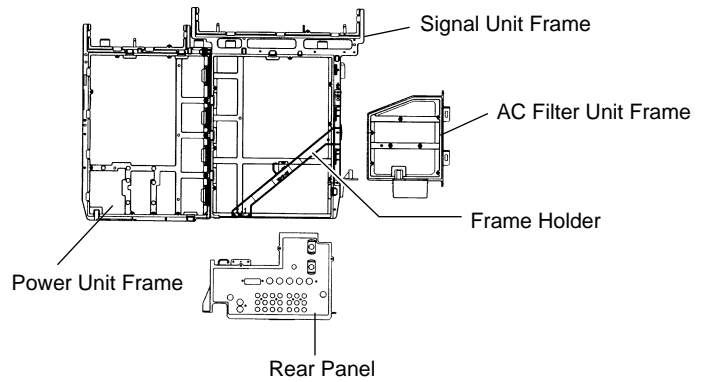
REMOVING THE MAJOR PARTS

1. Remove the 13 lock screws off the rear cover.
2. Holding up the chassis frame, draw out the chassis about 5 cm (1.31/32 inch) first, disconnect the speaker leads from the signal Unit, and pull out the chassis all the way.



Note: Cabinet B mounting procedure and precautions

1. Position the cabinet B in parallel with the cabinet A. Start pushing in the cabinet B.
2. Insert the cabinet B until the clearance between the cabinets A and B becomes 150 mm or so. Look into the terminal opening in the back of the cabinet B to make sure the tuner PWB and shield are out of contact with the speaker guide boss.
3. Finally insert the coupling ribs of the cabinet B in this order: left rib, top rib and right rib when viewed from the back of the product.



Detaching the cathode ray tube

1. Detach the anti-magnetized coil from the four coil holders that are at the cathode ray tube corners of the cabinet.
2. Remove the four pairs of screws and nuts off the cathode ray tube, and detach the cathode ray tube. (The tube weighs about 60 kg (132.2lbs).)

Cathode ray tube handling precautions

Discharging

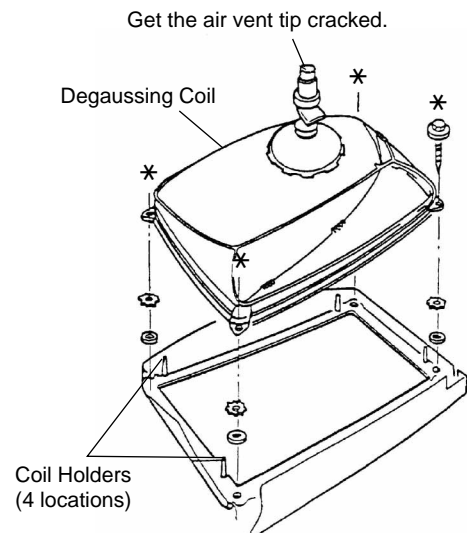
There may be a build-up of high-tension static electricity at the high-voltage electrode (covered with the anode cap on top of the cathode ray tube). Before taking the anode out of the cathode ray tube, get it discharged.

Carrying

The cathode ray tube weighs 60 kg (132.2lbs) or so and its shape is awkward to fit your hands. Preferably make a two-person team to carry and move the tube.

Disposal

The cathode ray tube is under high vacuum inside. Before disposing of it, get the air vent tip at the tube's neck socket cracked in order to turn the tube to the atmospheric pressure level.



Servicing precautions

1. Protector Operation

This model is provided with five protector circuits. Below discussed are the behaviors and indications of these circuits. (**Note:** In some cases, the LED flashing cycle and possible trouble spot may be inconsistent.)

① Over-current Protector Circuit:

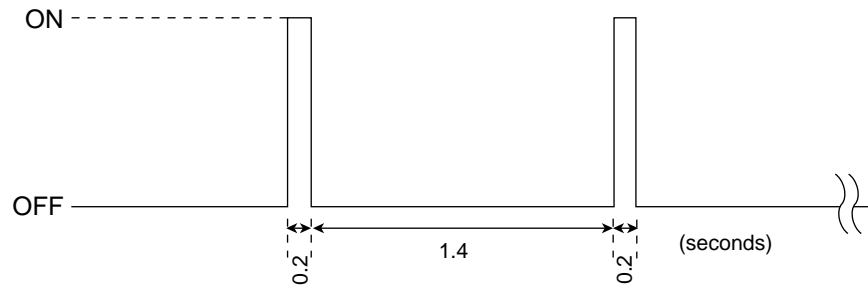
A rush current into the flyback transformer is detected. The circuit is activated if an over-current flows in.

Indication: The power LED (red) flashes once.

② X-Radiation Protector Circuit:

This circuit is activated if the rectified heater voltage rises above its specified level.

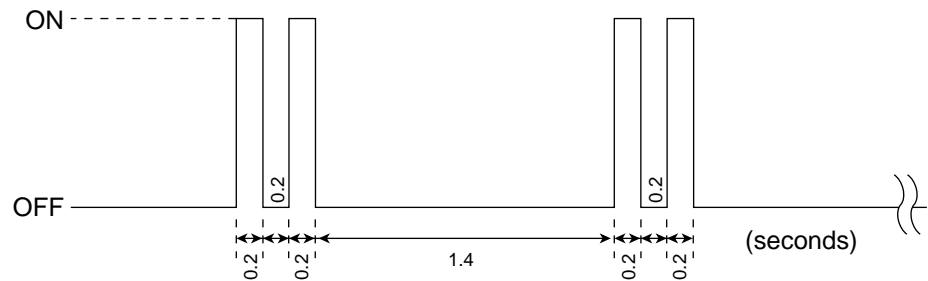
Indication: The power LED (red) flashes once.



③ Vertical Output Protector Circuit:

The vertical output is detected. The circuit is activated if the vertical output is missing (horizontal-only screen or the like).

Indication: The power LED (red) flashes twice



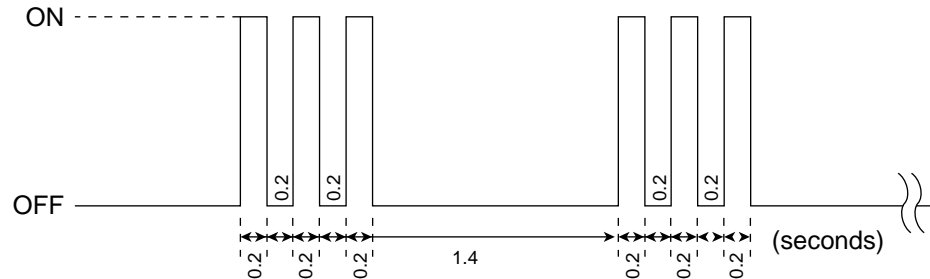
④ +B Under-voltage Protector Circuit:

The voltages at the 6V, 10V, 16V, 28V and 30V lines of the switching regulator are detected. The circuit is activated if any of the voltages drops below its specified level.

⑤ +B Over-voltage Protector Circuit:

The voltages at the 6V and 10V lines are detected. The circuit is activated if any of the voltages rises above its specified level.

Indication: The power LED (red) flashes three times.



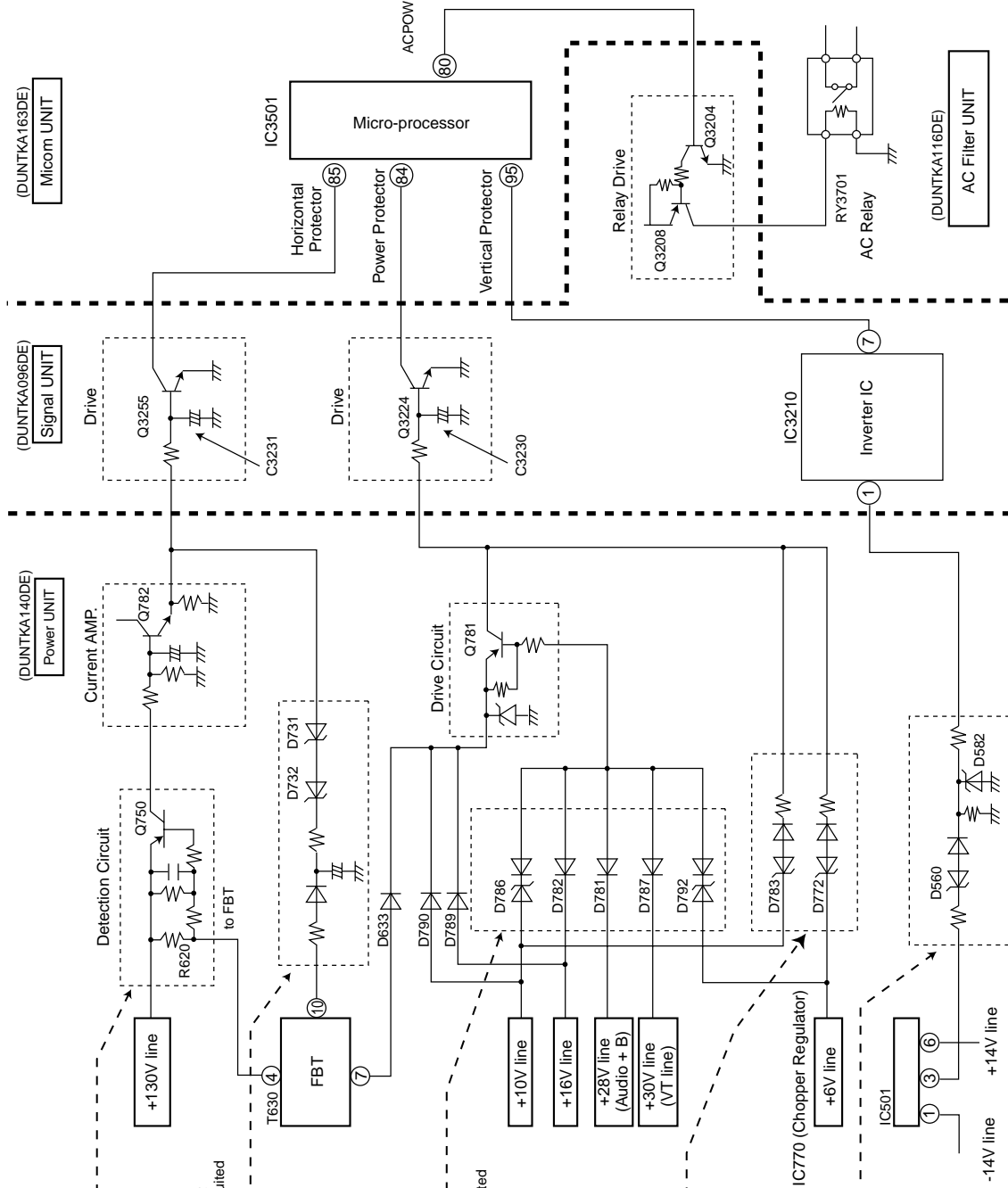
2. Stop of Protector Operation

The protector may be kept inactive by opening the detection circuits or grounding C3230 and C3231 (on the Signal Unit). The vertical output protector circuit, however, cannot be made inactive.

Note: Be sure to get the protector back to normal after servicing.

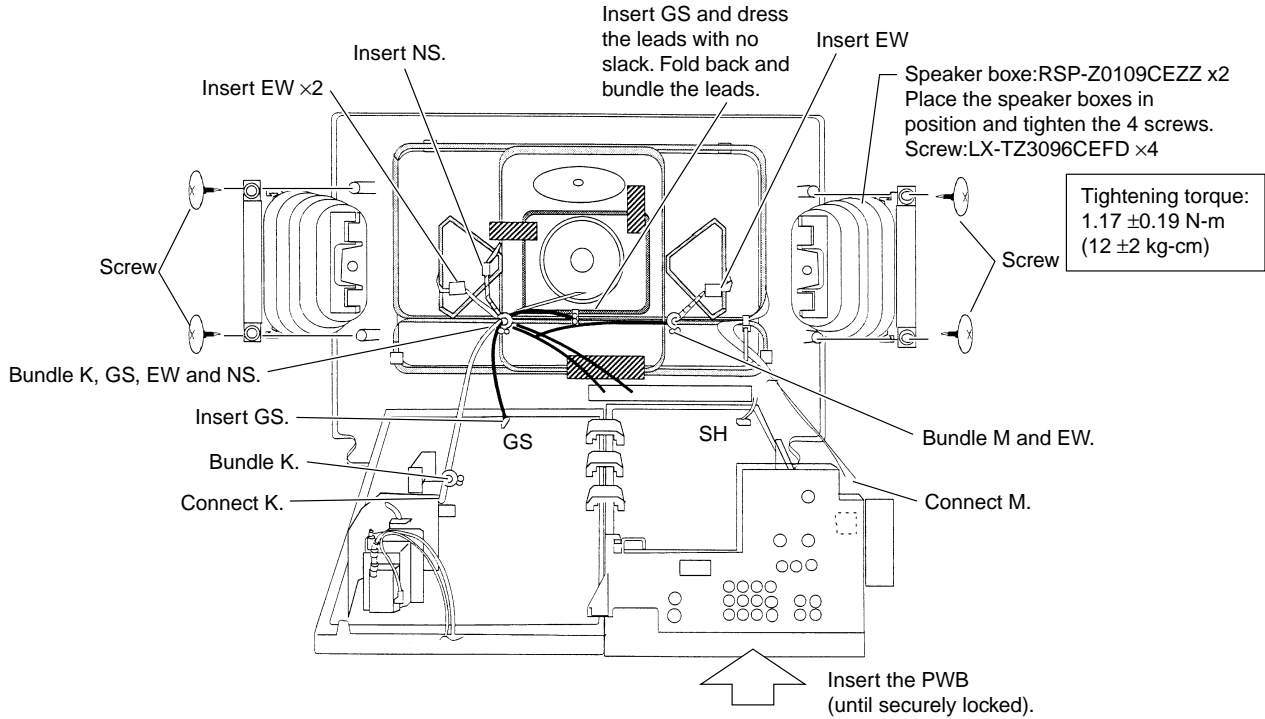
3. Self-diagnostic Function (Protector Circuit Operation)

This model is equipped with five protector circuits. Shown below are the detections of the protector circuits and possible trouble spots (outlined).

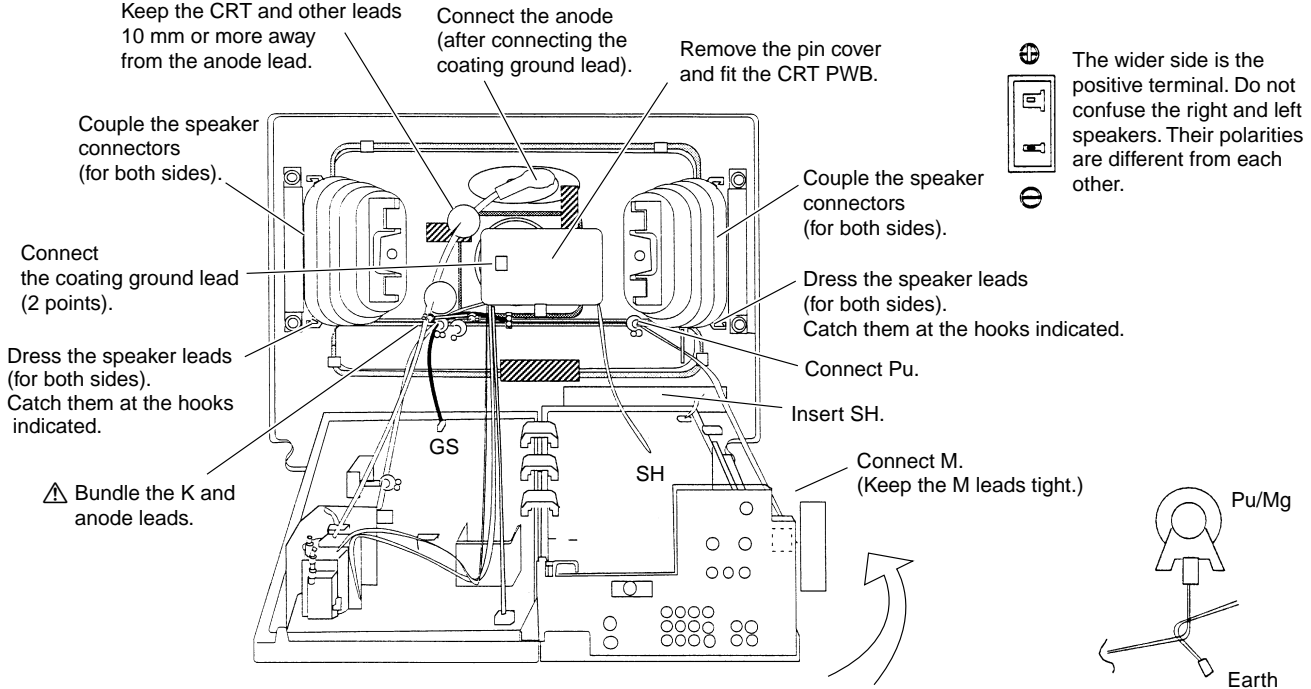


- A: Detection
 - B: Possible Trouble Spot
- ① Over-Current Protector Circuit
 - A: +130V line current detected (Flyback transformer rush current detected)
 - B: Flyback transformer defective
 - Horizontal deflection circuit transistor or diode short-circuited
 - Flyback transformer secondary-side rectifier circuit parts short-circuited or load circuit parts short-circuited
 - ② X-Radiation Protector Circuit
 - A: Flyback transformer terminal ⑩ voltage detected
 - B: Resonance capacitor open
 - Horizontal circuit open
 - ④ Switching Power Secondary-side under-voltage protector circuit
 - A: +10V, +16V, +28V, +30V and 6V line voltages detected
 - B: • +B line rectifier circuit parts (diode, capacitor) short-circuited
 - +B line load short-circuited
 - ⑤ Switching Power Over-voltage Protector Circuit
 - A: +10V and +6V line voltage rise detected
 - B: • Switching power primary-side circuit in trouble (causing voltage rise)
 - Chopper regulator malfunctioning
 - ③ Vertical Output Protector Circuit
 - A: Vertical output (pulse) monitored and no-pulse condition detected
 - B: +14V line circuit in trouble, causing voltage drop (rectifier circuit parts short-circuited) or circuit open.

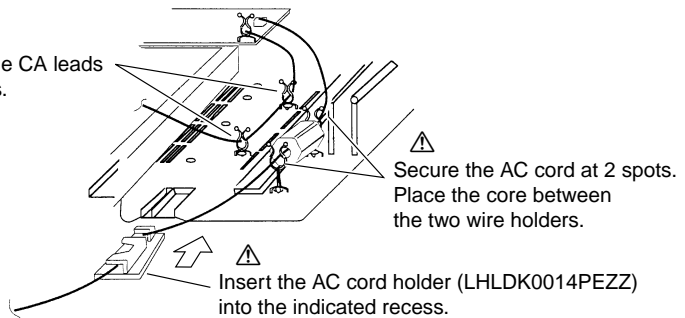
DRESSING THE LEADS



⚠ Anode clamp: LHLDW1087CEKZ x2
Reposition the anode clamp.
Keep the CRT and other leads
10 mm or more away
from the anode lead.



⚠ Secure the CA leads at 2 spots.



INSTALLATION AND SERVICE INSTRUCTIONS

- Note:** (1) When performing any adjustments to resistor controls and transformers use non-metallic screwdrivers or TV alignment tools.
 (2) Before performing adjustments, the TV set must be on at least 15 minutes.

CIRCUIT PROTECTION

The receiver is protected by a 5.0A fuse (F701), mounted on PWB-F, wired into one side of the AC line input.

X-RADIATION PROTECTOR CIRCUIT TEST

After service has been performed on the horizontal deflection system, high voltage system, B+ system, test the X-Radiation protector circuit to ascertain proper operation as follows:

1. Apply 120V AC using a variac transformer for accurate input voltage.
2. Allow for warm up and adjust all customer controls for normal picture and sound.
3. Receive a good local channel.
4. Connect a digital voltmeter to TP653 and make sure that the voltmeter reads $10.9 \pm 0.6V$.
5. Apply external 12.0V DC at TP653 by using an external DC supply, TV must be shut off.
6. To reset the protector, unplug the AC cord and plug the AC cord power on. Now make sure that normal picture appears on the screen.
7. If the operation of the horizontal oscillator does not stop in step 5, the circuit must be repaired before the set is returned to the customer.

HIGH VOLTAGE CHECK

High voltage is not adjustable but must be checked to verify that the receiver is operating within safe and efficient design limitations as specified checks should be as follows:

1. Connect an accurate high voltage meter between ground and anode of picture tube.
2. Operate receiver for at least 15 minutes at 120V AC line voltage, with a strong air signal or a properly tuned in test signal.
3. Enter the service mode (JWS mode). Enter the JWS address "170" and data "1" (Y-Mute and V-Stop).
4. The voltage should be approximately, 35.0kV (at zero beam).
 If a correct reading cannot be obtained, check circuitry for malfunctioning components. After the voltage test, make Y-mute off to the normal mode.

ELECTRICAL ADJUSTMENT

The TV set has been factory-adjusted to optimum condition. If by any chance an adjustment point gets out of spec or readjustment is needed after component part replacement, take the following steps.

- **Instruments required for servicing**

- STB (Set Top Box)
Use model TU-DTV1000 that is already available on the market.
- HD Signal Generator
Used to generate 1080I monoscope pattern.
- NTSC Signal Generator
Used to generate monoscope, crosshatch and half color bar patterns.

- **Calling the service mode (JWS mode)**

Holding down the MENU button on the TV set front, turn on the power button on the TV set .
The screen as shown in **Figure A.** appears and the TV set is now in the service mode (JWS mode).

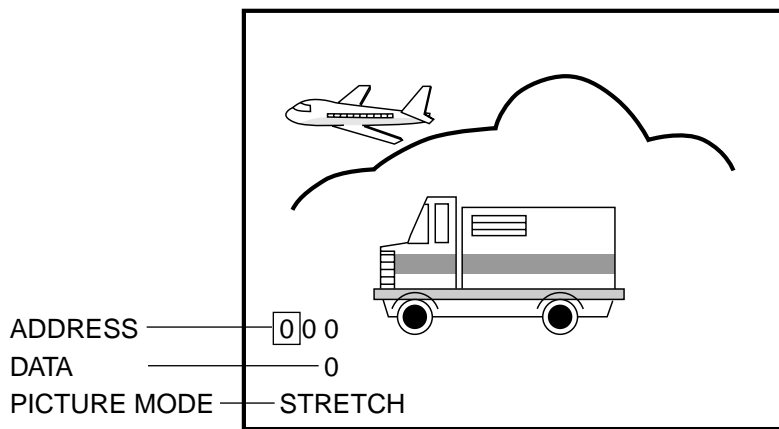


Figure A.

- **To Exit the Service Mode (JWS mode)**

Turn the television off by pressing the power button.

- **Service Mode (JWS mode) Functions**

1) The following adjustments and settings can be handled with the buttons on the R/C unit.

- ① Video Adjustments (Picture, Tint, Color, Brightness)
- ② Deflection Adjustments (Vertical Linearity, Vertical Size, Vertical Position)
(Horizontal Size, Side Pincushion, Horizontal Position)
- ③ Initial Factory Settings (Initial Factory Settings 1 and 2, V-Stop Setting)
- ④ White Balance Adjustments (Red/Green/Blue Cut-off, Green/Blue Drive)
- ⑤ On-Screen Display Positioning (Horizontal Display Position)

2) Applied buttons and their functions

In the service mode (JWS mode), the following buttons on the R/C Unit can be used for special functions.

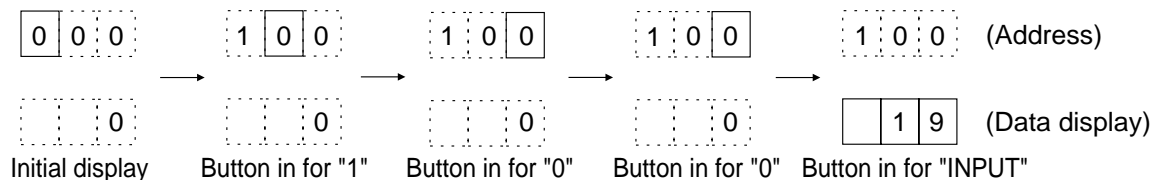
BUTTON	FUNCTION
1~9, 0	Used to enter numerical address settings; corresponding to numbers 0 thru 9.
100	Used as CLEAR button to go back to the initial screen.
INPUT	Used as ENTER button to input addresses and data.
VOLUME UP	Used to turn up data.
VOLUME DOWN	Used to turn down data.
POWER	Used to exit the mode.

3) Address settings (selecting adjustment and setting items)

- ① Using the numeric buttons (0 thru 9), type in an address from the highest digit (left) to the lowest digit (right) one by one. Each time a digit is buttoned in, the cursor moves to the next entry position.
- ② Using the INPUT button, enter the address. The cursor moves to the data display position and the selected address status is displayed there.
- ③ To adjust the white balance cut-off level, it is necessary to keep the screen cut off. It is therefore impossible to keep adjusting it with the address being displayed on-screen. (For details, refer to the White Balance Adjustment.)

- Display change example

In selecting the address "100" (vertical linearity):



✖ If the wrong address has been buttoned in, use the "100" key to clear the address display and get it back to the initial one.

4) Data settings (adjusting and setting items)

- ① Use the VOLUME UP/DOWN buttons to modify the data.
- ② Use the INPUT button to enter the modified data (setting).
 - For a function execute command address (factory-setting function and etc.), the INPUT button is used to select and call the function. With the adjustment function selected, the button is employed to enter the data of an item.
 - ✖ When the data has been modified in the adjustment function, the new data will be immediately entered regardless of the INPUT button. Keep in mind, therefore, that the original data cannot be held.
 - Data range
 - Mode Setting Function: 0 or 1
 - Adjustment Function: As per each adjustment item (separately discussed)

• Initial factory settings

When the following services have been made, it is necessary to make the initial factory settings.

1) When the IC3102 (Memory IC) has been replaced:

This IC stores the video- and deflection-related data in memory. A replacement IC3102 does not have any data written in (Adjustment 0). It is therefore required to make the initial settings 1 and 2 on it. Take the following procedure.

- ① Initial Factory Settings 1 (Initializing the IC)
- ② Initial Factory Settings 2 (Making the software menu setting data to the factory-adjustment level)
- ③ Various Adjustments

2) When the channel selection IC3501 (Micro-processor) has been replaced:

- ① Initial Factory Settings 2

When the micro-processor alone has been replaced, just make this adjustment, not any other ones.

ADDRESS	SETTING ITEM	DATA VARIABLE RANGE
001	Initial factory settings 1	0/1: Use "1"
002	Initial factory settings 2	0/1: Use "1"

Adjustment items

Video-Related Adjustment

Make the initial factory settings 2 first and then go to this adjustment.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE	REFERENCE DATA				
			NTSC Signal Input		1080I Input	HD-IN (RGB) 1080I Input	HD-IN (RGB) 480P Input
160	Picture	0~69	13		13	25(JWS173)	25(JWS173)(0~127)
162	Tint	0~127	32		32	–	–
164	Color	0~54	21		21	–	–
166	Brightness	16~174	58(480P)	63(1080I)	124	64(JWS174)	64(JWS174)(0~127)

Table A.

Deflection-Related Adjustment

Make the initial factory settings 2 first and then go to this adjustment.

In this adjustment, the data are different by the SIDE-BAR, SMART-STRETCH, CINEMA-ZOOM and STRETCH modes.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE	REFERENCE DATA												
			NTSC Signal Input										1080I Input	HD-IN (RGB) 1080I Input	HD-IN (RGB) 480P Input
			SIDE BAR		SMART STRECH		CINEMA ZOOM		STRECH						
480P	1080I	480P	1080I	480P	1080I	480P	1080I	480P	1080I						
100	Vertical Linearity	0~31	23	23	23	23	23	22	23	23	23	23	23	23	
102	Vertical Size	0~96	37	44	52	59	70	80	40	47	38	37	40		
105	Vertical Position	0~127	65	63	63	63	61	60	65	63	70	70	61		
108	Horizontal Size	0~63	18	40	17	39	19	40	17	39	39	41	15		
110	Side Pincushion Adjustment	0~63	16	19	22	26	31	36	18	22	19	18	17		
112	Horizontal Position	0~127	53	60	53	60	53	60	53	60	59	61	53		
114	Trapezoidal Distortion	0~127	67	67	67	67	67	67	67	67	67	67	67		
116	Corner Distortion	0~31	22	23	25	26	26	27	22	23	22	22	22		
118	Horizontal Compensation	0~7	2	3	2	3	2	3	2	3	3	3	2		

Table B.

White Balance Adjustments

Make the initial factory settings 2 first and then go to this adjustment.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE	REFERENCE DATA				
			NTSC Signal Input		1080I Input	HD-IN (RGB) 1080I Input	HD-IN (RGB) 480P Input
			480P mode	1080I mode			
150	Red cut-off	64~255	64	64	64	64	64
152	Green cut-off	64~255	64	64	64	64	64
154	Blue cut-off	64~255	64	64	64	64	64
156	Green drive	10~117	64	64	64	64	64
158	Blue drive	10~127	64	64	64	64	64

Table C.

On-Screen Display Positioning

Make the initial factory settings 3 first and then go to this adjustment.

JWS ADDRESS	ITEM	INITIAL VALUE	DATA VARIABLE RANGE
020	On-screen Display Horizontal Position	8 (1080I mode) 14 (480P mode)	0~255

Table D.

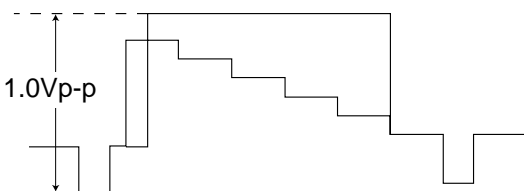
<Note>

When the initial factory settings 1 have been made, the initial factory settings 2 and the line adjustment data are all cleared. This would require readjustments for all the modes.

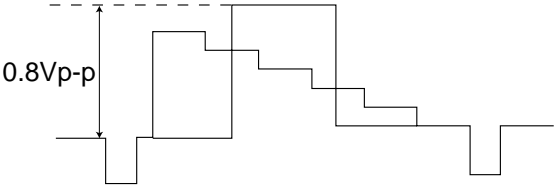
Before replacing an IC, write down the data settings in all the modes. Note, however, that the settings may be different from unit to unit. Take the above reference data as an adjustment guideline.

JWS ADDRESS	ITEM	DATA VARIABLE RANGE
001	Initial Factory Settings 1	Use "1"
002	Initial Factory Settings 2	Use "1"
170	Y-Mute & V-Stop Setting	Use "1"

Table E.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
1	VCO adjustment (L205 and L255 on Tuner Unit)	Signal: Good local channel Adjusting point: L205 and L255 Specification: 2.2 ±0.1 Vp-p	<ol style="list-style-type: none"> 1. Receive the good local channel. 2. Connect the digital voltmeter to pins (28) and (29) of JA connector (SC1401). 3. Select the JWS address 033 and set it to "1". 4. Adjust the VCO coils (L205 and L255) to have the 2.2V level. (Main: L205, Sub: L255) 5. Set the JWS address 033 to "0". 6. Clear the JWS address 033 and quit the JWS mode.
2	RF AGC adjustment (R219 and R269 on Tuner Unit)	Signal: Good local channel Adjusting point: R219 and R269 Specification: No noticeable noise	<ol style="list-style-type: none"> 1. Receive the good local channel. 2. Select the JWS address 033 and set it to "1". 3. Adjust R219 and R269 to achieve optimum screen without noises and beats. (Main: R219, Sub: R269) 4. Receive other channel signals. Check the screen as mentioned in the above step 3. 5. Set the JWS address 033 to "0". 6. Clear the JWS address 033 and quit the JWS mode. <p>Note 1: Before switching to other channels (in Step 4 . above), take Steps 5. and 6. and quit the JWS mode.</p> <p>Note 2: When the R219 and R269 controls are set to minimum, there will be nothing seen on the screen (black raster).</p>
3	Detection output level adjustment (R233 and R283 on Tuner Unit)	Signal: NTSC standard half color bar signal Adjusting point: R233 and R283 Specification: 1.0 ±0.05 Vp-p	<ol style="list-style-type: none"> 1. Receive the NTSC standard half color bar signal. 2. Connect the oscilloscope between TP401 (TP402) on Tuner Unit and GND. (Main: TP401, Sub: TP402) 3. Using the R233 control, adjust the main IF detection output level. 4. Using the R283 control, adjust the sub IF detection output level. <div style="text-align: center;">  <p>The diagram shows a stepped waveform on an oscilloscope. The signal starts with a small negative-going pulse, followed by a series of positive-going steps that decrease in amplitude from left to right. A vertical double-headed arrow on the left indicates a peak-to-peak voltage of 1.0Vp-p, spanning from the highest step to the lowest step.</p> </div>

No.	Adjusting Point	Adjusting Conditions	Modulator Settings (Leader LMS237)	Adjusting Procedure
4	Stereo separation adjustment (R329, R331, R301 and R313 on Tuner Unit)	Adjusting point: R329, R331 Measuring terminal: (TP301) Pin (7) of IC301 Specification: 282 ±10 mVp-p	1. Internal modulation: 400 Hz 2. Monaural: 100% modulation	1. Connect the oscilloscope probe to (TP301) pin (7) of IC301. 2. Adjust the input level to 282mVp-p. 3. Switch the main and sub signals to adjust both R329 and R331.
		Adjusting point: R301 Measuring terminal: (TP303) Pin (22) of IC301 Specification: Minimum AC voltage	1. Internal modulation: 300 Hz 2. Stereo switch at ON, L-channel output (130% modulation) alone (L+R and L-R not allowed) 3. Stereo mode	1. Connect the oscilloscope probe to pin (22) (TP303) of IC301. 2. Adjust the separation control (R301) to get the AC voltage to minimum.
		Adjusting point: R313 Measuring terminal: (TP303) Pin (22) of IC301 Specification: Minimum AC voltage	1. Internal modulation: 3 kHz 2. Stereo switch at ON, L-channel output (130% modulation) alone 3. Stereo mode	1. Connect the oscilloscope probe to pin (22) (TP303) of IC301. 2. Adjust the separation control (R313) to get the AC voltage to minimum.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
5	3D Y/C separation level adjustment (R7000: Y/C3D Unit)	Signal: NTSC standard half color bar signal Adjusting point: (R7000: Y/C 3D Unit) Specification: 0.8 ± 0.05 Vp-p	<ol style="list-style-type: none"> 1. Receive the NTSC standard half color bar signal. 2. Connect the oscilloscope probe between pin (8) of SC3203 and GND. 3. Adjust R7000 so that the waveform amplitude of the luminance signal at pin (8) of SC3203 should be 0.8 ± 0.05 Vp-p. <p>Note: The amplitude must be measured from the black level to the white peak.</p> 
6	Main Y signal level adjustment (R/C, JWS address 473)	Signal: NTSC standard half color bar signal Adjusting point: Remote Control (JWS address 473) Specification: 0.7 ± 0.05 Vp-p	<ol style="list-style-type: none"> 1. Connect the oscilloscope probe between TP1801 and GND. 2. In the twin-picture mode, receive the NTSC standard half color bar signal for the left-side screen (Main Screen). 3. Using the VOLUME UP/DOWN keys in the JWS address 473, adjust the waveform amplitude of the main luminance signal at TP1801 to 0.7 ± 0.05 Vp-p. <p>Note: The amplitude must be measured from the black level to the white peak.</p>
7	Main-screen tint adjustment (R/C, JWS address 162)	Signal: Good local channel Adjusting point: Remote Control (JWS address 162) Specification: Normal flesh tones	<ol style="list-style-type: none"> 1. Set the AV mode to "STD-1". 2. In the twin-picture mode, receive the good local channel for the left-side screen (Main screen). 3. Enter the JWS address 162. Using the VOLUME UP/DOWN keys, visually adjust the tint to the best. 4. Switch the channels. Make sure the tint is optimum on other channels.
8	Main-screen color adjustment (R/C, JWS address 164)	Signal: Good local channel Adjusting point: Remote Control (JWS address 164) Specification: Normal color level	<ol style="list-style-type: none"> 1. Take the same steps 1. and 2. for the tint adjustment. 2. Enter the JWS address 164. Using the VOLUME UP/DOWN keys, visually adjust the color to the best. 3. Switch the channels. Make sure the color is optimum on other channels.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
9	Brightness adjustment (R/C, JWS address 166) (480P/1080I)	Signal: Good local channel Adjusting point: Remote Control (JWS address 166) Specification: Normal brightness level	<ol style="list-style-type: none"> 1. Make this adjustment after the deflection, white balance, normal mask, purity, convergence and focus have all been completely adjusted. 2. Set to the video standard condition. (Picture at MAX, brightness and sharpness at CENTER) 3. Set the VIEW MODE to STRETCH. 4. Receive the good local channel. 5. Enter the JWS address 166. Adjust the brightness to the best point. 6. Switch to the 1080I mode. Make the same adjustment.
10	Picture adjustment (R/C, JWS address 160)	Signal: Good local channel Adjusting point: Remote Control (JWS address 160) Specification: Normal contrast range	<ol style="list-style-type: none"> 1. Make this adjustment after the Y signal level has been completely adjusted. 2. Take the same steps 1., 2., 3. and 4. for the brightness adjustment. 3. Enter the R/C address 160. Adjust the picture to the best point.
11	Sub-screen Picture adjustment (R/C, JWS address 250)	Signal: NTSC standard half color bar signal Adjusting point: Remote Control (JWS address 250) Measuring point: TP1801 Specification: 0.7±0.05 Vp-p	<ol style="list-style-type: none"> 1. In the twin-picture mode. Receive the NTSC standard half color bar signal for the right-side screen. 2. Connect the oscilloscope to TP1801. Enter the JWS address 250. Using the VOLUME UP/DOWN keys, adjust the amplitude between the black level and white peak to 0.7±0.05 Vp-p.
12	Sub-screen tint adjustment (R/C, JWS address 258)	Signal: Good local channel Adjusting point: Remote Control (JWS address 258) Specification: Normal flesh tone	<ol style="list-style-type: none"> 1. In the twin-picture mode, receive the good local channel for the right-side screen (sub-screen). 2. Enter the JWS address 258. Using the VOLUME UP/DOWN keys, visually adjust the tint on the right-side screen to that on the left-side screen. 3. Switch the channels for the right-side screen. Make sure the tint is optimum on other channels.
13	Sub-screen color adjustment (R/C, JWS address 259)	Signal: Good local channel Adjusting point: Remote Control (JWS address 259) Specification: Normal color level	<ol style="list-style-type: none"> 1. In the twin-picture mode, receive the good local channel for the right-side screen (sub-screen). 2. Enter the JWS address 259. Using the VOLUME UP/DOWN keys, visually adjust the color on the right-side screen to that on the left-side screen. 3. Switch the channels for the right-side screen. Make sure the color is optimum on other channels.
14	Deflection distortion, vertical and horizontal position adjustments		<p>Discussed here are the adjustment procedures for the STRETCH-mode screen size.</p> <p>For the other modes, refer to Table B. and go to their respective procedures.</p> <p>Make these adjustments for the 480P and 1080I modes as well.</p>

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
15	STRETCH-mode vertical linearity adjustment (R/C, JWS address 100)	Signal: Monoscope pattern signal Adjusting point: Remote Control (JWS address 100) Specification: Best position	1. Set the AV-mode to "STD-1". 2. Set the screen size to STRETCH-mode. 3. Receive the monoscope pattern signal. 4. Enter the JWS address 100. Using the VOLUME UP/DOWN keys, adjust the vertical linearity to the best position.
16	STRETCH-mode vertical position adjustment (R/C, JWS address 105)	Adjusting point: Remote Control (JWS address 105) Specification: Center position 0 ± 10 mm	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 105. Using the VOLUME UP/DOWN keys, adjust the vertical position to center.
17	STRETCH-mode vertical size adjustment (R/C, JWS address 102)	Adjusting point: Remote Control (JWS address 102) Specification: Overscan at "Table-1" and "Table-2"	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 102. Using the VOLUME UP/DOWN keys, adjust the overscan at "Table-1" and "Table-2".
18	STRETCH-mode side pincushion adjustment (R/C, JWS address 110)	Adjusting point: Remote Control (JWS address 110) Specification: Straight outermost line	1. Take the same steps 1. and 2. for the STERTCH-mode vertical linearity adjustment. 2. Receive the crosshatch pattern signal. 3. Enter the JWS address 110. Using the VOLUME UP/DOWN keys, adjust the outermost line to be straight. 4. Make the horizontal position and horizontal size adjustments and then finely adjust the horizontal side pincushion.
19	STRETCH-mode horizontal position adjustment (R/C, JWS address 112)	Adjusting point: Remote Control (JWS address 112) Specification: Symmetry about vertical center	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 112. Using the VOLUME UP/DOWN keys, achieve symmetry about the vertical center.
20	STRETCH-mode horizontal size adjustment (R/C, JWS address 108)	Adjusting point: Remote Control (JWS address 108) Specification: Overscan at "Table-1" and "Table-2"	1. Take the same steps 1., 2. and 3. for the STERTCH-mode vertical linearity adjustment. 2. Enter the JWS address 108. Using the VOLUME UP/DOWN keys, adjust the setting to "Table-1" and "Table-2".
21	STRETCH-mode trapezoidal distortion adjustment (R/C, JWS address 114)	Signal: Crosshatch pattern signal Adjusting point: Remote Control (JWS address 114) Specification: Vertical lines parallel with effective area	1. Take the same steps 1. and 2. for the STERTCH-mode vertical linearity adjustment. 2. Receive the crosshatch pattern signal. 3. Enter the JWS address 114. Using the VOLUME UP/DOWN keys, adjust the vertical lines to be parallel with the effective area.

No.	AdjustingPoint	Adjusting Conditions	Adjusting Procedure
22	STRETCH-mode corner distortion adjustment (R/C, JWS address 116)	Adjusting point: Remote Control (JWS address 116) Specification: Straight vertical lines	1. Take the same steps 1. and 2. for the STERTCH-mode vertical linearity adjustment. 2. Receive the crosshatch pattern signal. 3. Enter the JWS address 116. Using the VOLUME UP/DOWN keys, adjust the vertical lines to be straight.

Deflection distortion, vertical and horizontal position adjustments

Make the two-pattern adjustments in the quality-picture modes (480P/1080I).

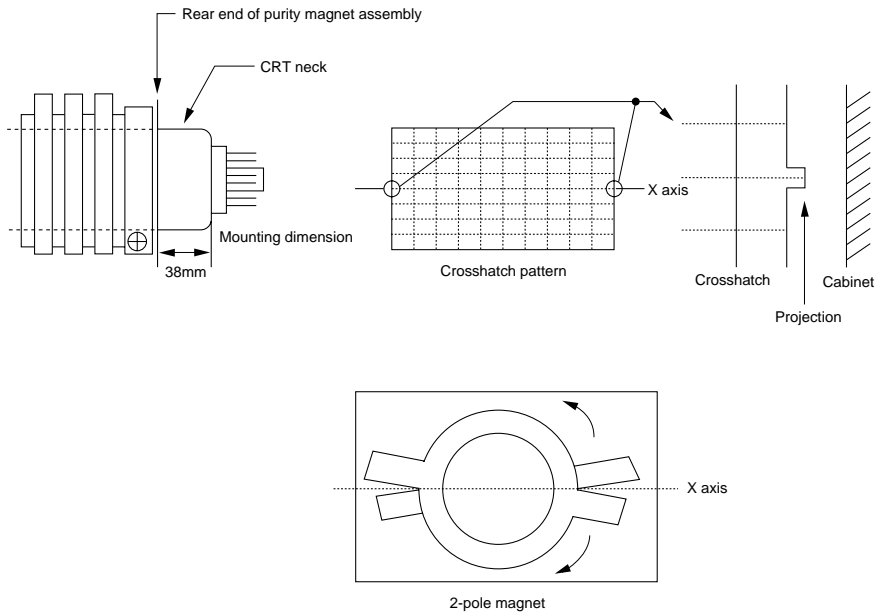
MODE		STRECH	SIDE-BAR	SMART-STRECH	CINEMA-ZOOM
			4:3		16:9
Specification	Vertical Size	(92)	(93)	(85)	(71)
	Overscan	8%	7%	15%	29%, 6%
	Horizontal Size	(92.5)	(95)	(94)	(92)
	Overscan	7.5%	5%	6%	8%
	Side Pincushion Adjustment	Outermost line	Picture edges (borders between mask and picture)		1.5 line from outermost
Adjustment items	Vertical Size (102)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Vertical Linearity (100)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Vertical Position (105)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Horizontal Size (108)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Side Pincushion (110)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Trapezoidal Distortion (114)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Horizontal Position (112)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

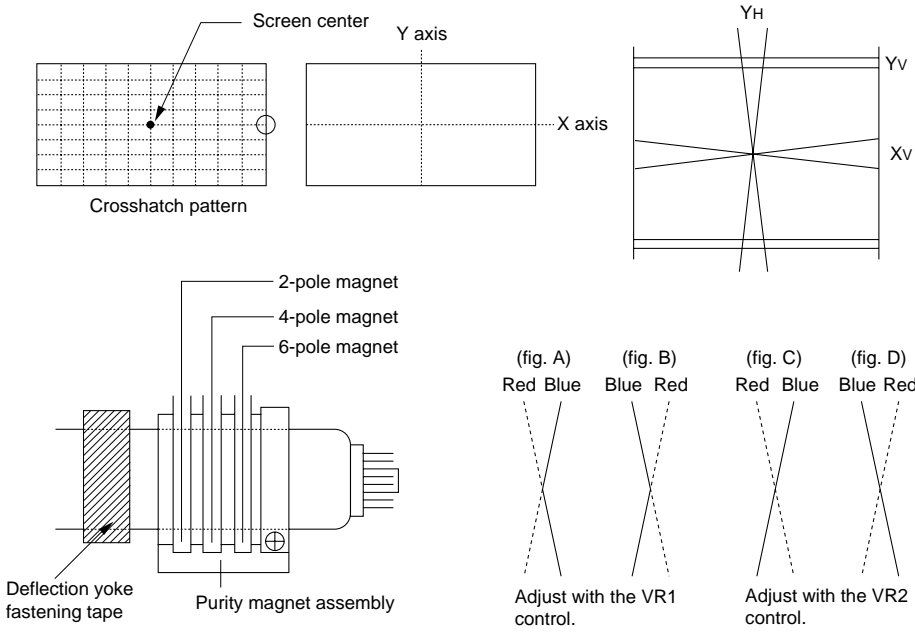
Table-1.

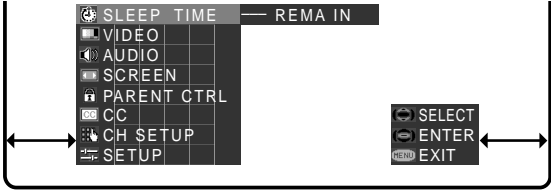
Other signal inputs

		1080I INPUT	HD-IN (RGB) 1080I INPUT	HD-IN (RGB) 480P INPUT
Specification	Vertical Size	(92)	(92)	(92)
	Overscan	8%	8%	8%
	Horizontal Size	(92)	(88)	(91)
	Overscan	8%	12%	9%
	Side Pincushion Adjustment			
Adjustment items	Vertical Size (102)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Vertical Linearity (100)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Vertical Position (105)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Horizontal Size (108)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Side Pincushion (110)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Trapezoidal Distortion (114)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Horizontal Position (112)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Table-2.

No.	Adjusting Point	Adjusting Procedure
23	Purity adjustment	<p>Visual adjustment procedure</p> <ol style="list-style-type: none"> (1) Check the purity magnet assembly mounting position. (2) Receive the crosshatch pattern signal. (3) Adjust the raster tilt by turning the deflection yoke. (Align the projections at both ends of CRT's X axis with the screen's X axis.) (4) Using the 4-pole and 6-pole magnets, adjust the static convergence at the center of the raster. (Refer to the convergence adjustment.) (5) Check the standard mode, and receive the green-only (or white) signal from the pattern generator. (6) Keep the deflection yoke's opening horizontal together with the neck. Move the deflection yoke to and fro until the screen turns green only (or white). If the red and blue (or yellow and cyan) colors at both sides are not symmetrical, get them symmetrical by opening and closing the 2-pole magnet in reference to its axis. (7) Readjust the deflection yoke's tilt while looking at the crosshatch pattern. Tighten up the deflection yoke lock screw to secure the yoke in position. (8) Finally fix the deflection yoke opening with the wedge. <p>Purity magnet assembly mounting position</p>  <p>The diagrams illustrate the physical components and their alignment for purity adjustment. The top-left diagram shows the rear end of the purity magnet assembly being mounted onto the CRT neck, with a specific mounting dimension of 38mm indicated. The top-middle diagram shows a crosshatch pattern on the screen, with the X-axis marked. The top-right diagram shows a crosshatch pattern on the screen with a projection on the cabinet, also indicating the X-axis. The bottom diagram shows a 2-pole magnet with its poles aligned along the X-axis.</p>

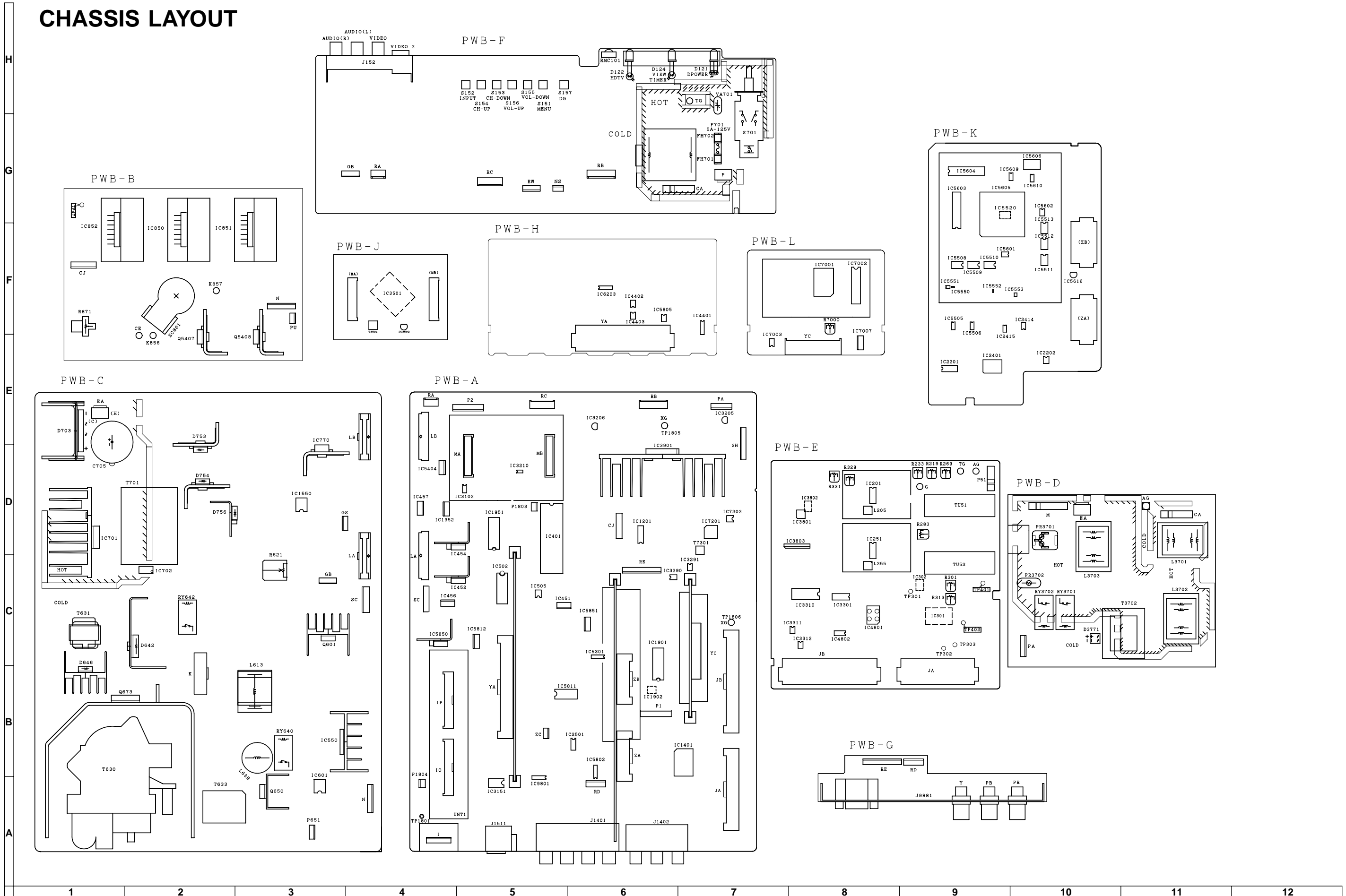
No.	AdjustingPoint	Adjusting Procedure
24	Convergence adjustment	<p>(1) Static convergence adjustment</p> <ol style="list-style-type: none"> a) Receive the crosshatch pattern signal. b) Adjust the red and blue colors at the screen center by opening and closing or moving the 4-pole magnet. c) Adjust the green and magenta colors at the screen center using the 6-pole magnet in the same way. (red, blue) d) Repeat the above steps b) and c) to finely adjust the green, red and blue colors at the screen center. <p>(2) Dynamic convergence adjustment</p> <ol style="list-style-type: none"> a) YH Use the YH-VR control on the DY PWB to produce the specified cross-point. If the nearby PQH (displaced vertical lines at the corners) is out of spec, readjust it by using the ferrite sheet and or moving the neck. (Do not move the neck too much, or vertical distortion may be caused or the vertical linearity will be adversely affected.) b) YV Use the YV-VR control on the DY PWB to adjust the horizontal lines at the top and bottom of the screen to optimum. <p>(3) Look at the entire screen to see if there is no problem. Finally fix the wedge and purity magnet assembly with glass tape and lacquer.</p> <div style="text-align: center;">  <p>The diagrams illustrate the adjustment process. The top row shows a 'Crosshatch pattern' on a grid with a dot at the 'Screen center', a coordinate system with 'Y axis' and 'X axis', and a diagram of the 'YH' and 'Yv' controls. The bottom row shows a cross-section of the 'Purity magnet assembly' with '2-pole magnet', '4-pole magnet', and '6-pole magnet' components, and a 'Deflection yoke fastening tape'. To the right, four diagrams labeled '(fig. A)', '(fig. B)', '(fig. C)', and '(fig. D)' show color convergence adjustments for 'Red' and 'Blue' lines, with instructions to 'Adjust with the VR1 control' and 'Adjust with the VR2 control'.</p> </div>

No.	AdjustingPoint	Adjusting Procedure																											
25	White balance adjustment	<ol style="list-style-type: none"> (1) Receive the monoscope pattern signal. Set the AV mode to "STD-1" and the quality-picture mode to "480P". (2) Using the R/C unit keys, enter the JWS address170. Set the data "1" (Y-Mute & V-Stop). (3) Now turn the screen control until one color (reference color) in the raster becomes dim. (4) For the other two non-luminous colors, enter their JWS address numbers with the R/C unit keys, referring to the table below. Adjust the cut-off data so that the horizontal raster lines become whitish. (5) Turn down the screen control to cut off the raster. (6) Using the power switch on the set or the R/C unit, turn the power off and on again to release the horizontal status. (7) Using the R/C unit keys, enter the JWS address numbers listed below. Adjust the drive so that the raster becomes whitish. (8) Lower the brightness and the picture level. Check the white balance on the dark screen. If out of spec, readjust the cut-off directly. (9) Repeat the above steps (7) and (8) to have the white balance good on the bright screen. (10) Now adjust the brightness as well. (11) Set the quality-picture mode to "1080I", and take the above steps (7) thru (10) again. <div style="text-align: center;"> <table border="1" data-bbox="776 863 1341 1024"> <thead> <tr> <th>ADDRESS</th> <th>ADJUSTMENT ITEM</th> <th>INITIAL VALUE</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>Red cut-off</td> <td>64</td> </tr> <tr> <td>152</td> <td>Green cut-off</td> <td>64</td> </tr> <tr> <td>154</td> <td>Blue cut-off</td> <td>64</td> </tr> <tr> <td>Variable range</td> <td colspan="2">64~255</td> </tr> </tbody> </table> <table border="1" data-bbox="776 1035 1341 1197"> <thead> <tr> <th>ADDRESS</th> <th>ADJUSTMENT ITEM</th> <th>INITIAL VALUE</th> </tr> </thead> <tbody> <tr> <td>156</td> <td>Green drive</td> <td>64</td> </tr> <tr> <td>158</td> <td>Blue drive</td> <td>64</td> </tr> <tr> <td>Variable range</td> <td colspan="2">10~64~117</td> </tr> </tbody> </table> <p data-bbox="1003 1220 1105 1247">Table-3.</p> </div>	ADDRESS	ADJUSTMENT ITEM	INITIAL VALUE	150	Red cut-off	64	152	Green cut-off	64	154	Blue cut-off	64	Variable range	64~255		ADDRESS	ADJUSTMENT ITEM	INITIAL VALUE	156	Green drive	64	158	Blue drive	64	Variable range	10~64~117	
ADDRESS	ADJUSTMENT ITEM	INITIAL VALUE																											
150	Red cut-off	64																											
152	Green cut-off	64																											
154	Blue cut-off	64																											
Variable range	64~255																												
ADDRESS	ADJUSTMENT ITEM	INITIAL VALUE																											
156	Green drive	64																											
158	Blue drive	64																											
Variable range	10~64~117																												
26	OSD (On-screen-display) position adjustment (480P, 1080I) (R/C, JWS address 020)	<ol style="list-style-type: none"> (1) Set the AV mode to "STD-1". (2) Set the screen size to STRETCH. (3) Receive the monoscope pattern signal. (4) Enter the JWS address 020. (5) Using the VOLUME UP/DOWN keys, adjust the right- and left-side pictures equally spaced. (6) Get MENU OSD on the screen and check to see if the right- and left-side areas are equally spaced. If not, take the above steps (4) and (5) again. (7) Switch to the 1080I mode and make similar adjustment. <div style="text-align: center;">  </div>																											

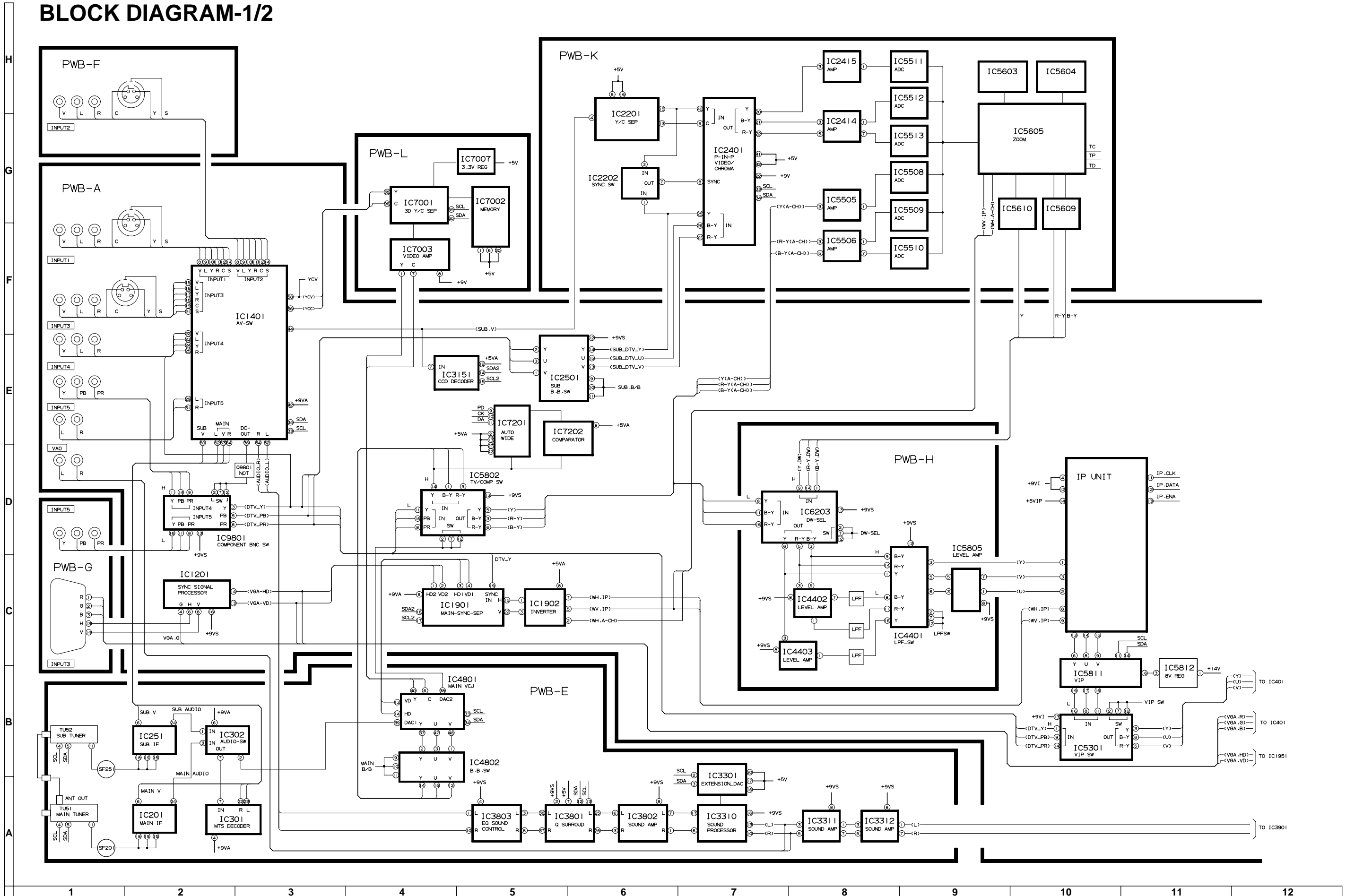
No.	AdjustingPoint	Adjusting Procedure
27	Deflection distortion, vertical and horizontal position adjustments at various signal inputs	<ol style="list-style-type: none"> 1. HD (component) signal input <ol style="list-style-type: none"> 1) Set the AV mode to "STD-1". 2) Feed the monoscope pattern (1080I) signal through the INPUT5 BNC terminal. 3) Referring to Table-2, take the adjustment point step No.15 thru 22. 2. HD-IN (1080I RGB) signal input <ol style="list-style-type: none"> 1) Set the AV mode to "STD-1". 2) Feed the monoscope pattern (1080I RGB) signal through the INPUT3/ HD INPUT (D-sub 15-pin) terminal. 3) Referring to Table-2, take the adjustment point step No.15 thru 22. 3. HD-IN (480P RGB) signal input <ol style="list-style-type: none"> 1) Set the AV mode to "STD-1". 2) Feed the monoscope pattern (480P RGB) signal through the INPUT3/ HD INPUT (D-sub 15-pin) terminal. 3) Referring to Table-2, take the adjustment point step No.15 thru 22.
28	White balance adjustment at HD (1080I component) signal input	<ol style="list-style-type: none"> 1. Set the AV mode to "STD-1". Feed the monoscope pattern signal (1080I) through the IN5 BNC terminal (Y). Select and receive the INPUT5 signal. 2. Select the JWS address and make the raster look whitish. (This address is the same as for the usual white balance adjustment.) 3. Turn down the picture and brightness almost to the cut-off level. Select the cut-off adjustment address (see Table 3.) and adjust so that the raster turns gray. (At this time, keep the minimum-level color intact and select the JWS cut-off address for other colors.) 4. Repeat the above steps 2. and 3. and adjust the white balance on the bright screen. 5. Make the brightness adjustment as well.
29	Tint adjustment at HD (1080I component) signal input (R/C, JWS address 162)	<ol style="list-style-type: none"> 1. Set the AV mode to "STD-1". Feed the 1080I component signal through the IN5 BNC terminal. 2. Select and receive the INPUT5 signal. 3. Enter the JWS address 162. Using the VOLUME UP/DOWN keys, visually adjust to the normal flesh tones.
30	Color adjustment at HD (1080I component) signal input (R/C, JWS address 164)	<ol style="list-style-type: none"> 1. Take the same steps 1. and 2. for the tint adjustment at HD signal input. 2. Enter the JWS address 164. Using the VOLUME UP/DOWN keys, visually adjust to the normal color level.
31	Brightness adjustment at HD (1080I component) signal input (R/C, JWS address 166)	<ol style="list-style-type: none"> 1. Make this adjustment after the white balance adjustment at HD signal input. 2. Take the same steps 1. and 2. for the color tone adjustment at HD signal input. 3. Enter the JWS address 166. Using the VOLUME UP/DOWN keys, visually adjust to the normal brightness level.
32	Picture adjustment at HD (1080I component) signal input (R/C, JWS address 160)	<ol style="list-style-type: none"> 1. Take the same steps 1. and 2. for the brightness adjustment at HD signal input. 2. Enter the JWS address 160. Using the VOLUME UP/DOWN keys, visually adjust to the normal contrast range.

No.	AdjustingPoint	Adjusting Procedure
33	White balance adjustment at HD-IN (1080I RGB) signal input	<ol style="list-style-type: none"> 1. Set the AV mode to "STD-1". Feed the monoscope pattern signal (1080I) through the INPUT3/HD INPUT (D-sub 15-pin) terminal. Select and receive the INPUT3 HD-IN signal. 2. Select the JWS address and make the raster look whitish. (This address is the same as for the usual white balance adjustment.) 3. Turn down the picture and brightness almost to the cut-off level. Select the cut-off adjustment address (see Table 3.) and adjust so that the raster turns gray. (At this time, keep the minimum-level color intact and select the JWS cut-off address for other colors.) 4. Repeat the above steps 2. and 3., and adjust the white balance on the bright screen. 5. Make the brightness adjustment as well.
34	Brightness adjustment at HD-IN (1080I RGB) signal input (R/C, JWS address 174)	<ol style="list-style-type: none"> 1. Make this adjustment after the white balance adjustment at HD-IN signal input. 2. Take the same steps 1. and 2. for the tint adjustment at HD-IN signal input. 3. Enter the JWS address 174. Using the VOLUME UP/DOWN keys, visually adjust to the normal brightness level.
35	Picture adjustment at HD-IN (1080I RGB) signal input (R/C, JWS address 173)	<ol style="list-style-type: none"> 1. Take the same steps 1. and 2. for the brightness adjustment at HD-IN signal input. 2. Enter the JWS address 173. Using the VOLUME UP/DOWN keys, visually adjust to the normal contrast range.
36	White balance adjustment at HD-IN (480P RGB) signal input	<ol style="list-style-type: none"> 1. Set the AV mode to "STD-1". Input the monoscope pattern signal (480P) through the INPUT3/HD INPUT (D-sub 15-pin) terminal. Select and receive the INPUT3 HD-IN signal. 2. Select the JWS address and make the raster look whitish. (This address is the same as for the usual white balance adjustment.) 3. Turn down the picture and brightness almost to the cut-off level. Select the cut-off adjustment address (see Table 3.) and adjust so that the raster turns gray. (At this time, keep the minimum-level color intact and select the JWS cut-off address for other colors.) 4. Repeat the above steps 2. and 3. and adjust the white balance on the bright screen. 5. Make the brightness adjustment as well.
37	Brightness adjustment at HD-IN (480P RGB) signal input (R/C, JWS address 174)	<ol style="list-style-type: none"> 1. Make this adjustment after the white balance adjustment at HD-IN signal input. 2. Take the same steps 1. and 2. for the tint adjustment at HD-IN signal input. 3. Enter the JWS address 174. Using the VOLUME UP/DOWN keys, visually adjust to the normal brightness level.
38	Picture adjustment at HD-IN (480P RGB) signal input (R/C, JWS address 173)	<ol style="list-style-type: none"> 1. Take the same steps 1. and 2. for the brightness adjustment at HD-IN signal input. 2. Enter the JWS address 173. Using the VOLUME UP/DOWN keys, visually adjust to the normal contrast range.

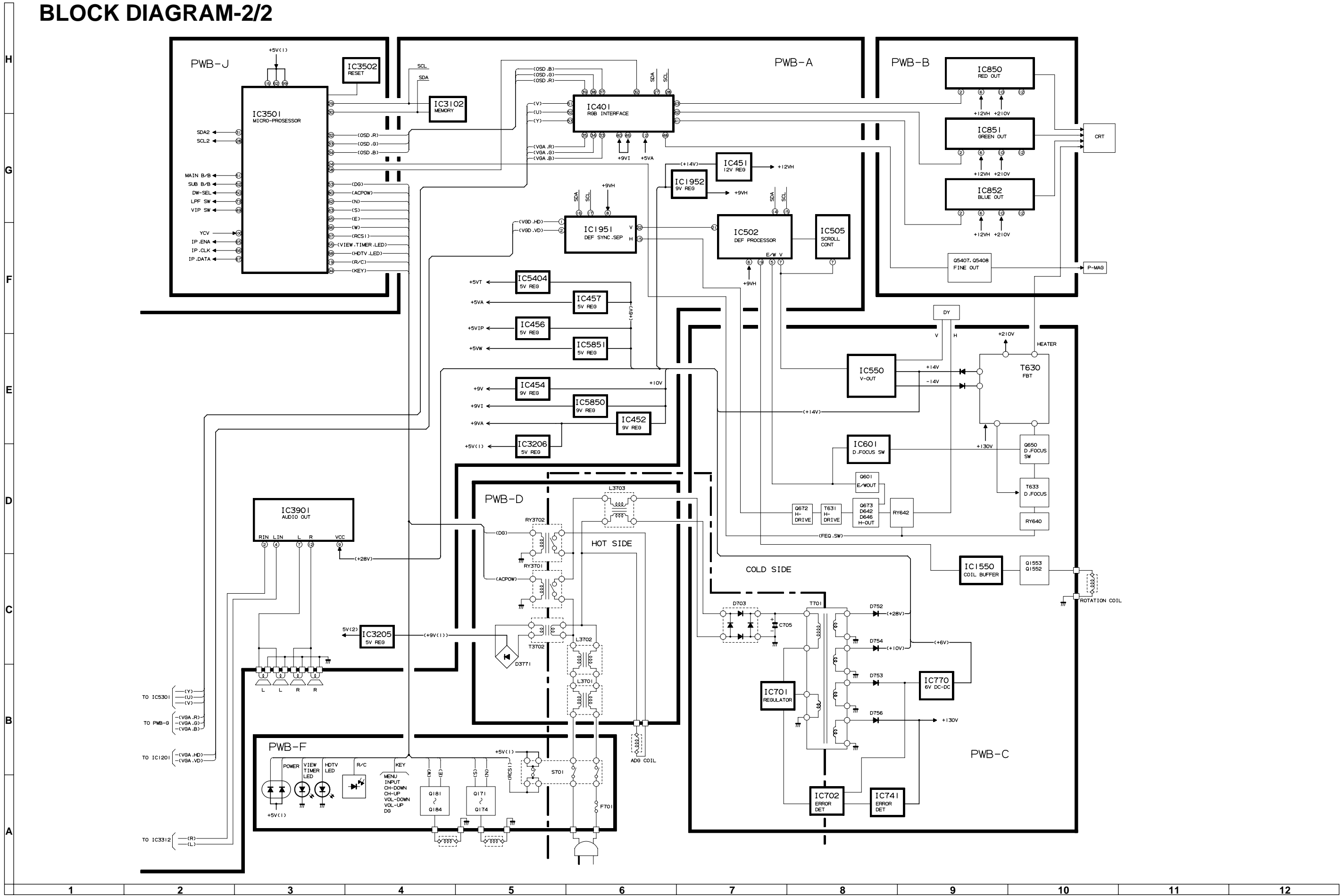
CHASSIS LAYOUT



BLOCK DIAGRAM-1/2



BLOCK DIAGRAM-2/2



DESCRIPTION OF SCHEMATIC DIAGRAM

NOTES:

1. The unit of resistance "ohm" is omitted.
($K=k\Omega=1000\Omega$, $M=M\Omega$)
2. All resistors are 1/16 watt, unless otherwise noted.
3. All capacitors are μF , unless otherwise noted.
($P=pF=\mu\mu F$)
4. (G) indicates $\pm 2\%$ tolerance may be used.
5. $\#$ indicates line isolated ground.

VOLTAGE MEASUREMENT CONDITIONS:

1. All DC voltages are measured with DVM connected between points indicated and chassis ground, line voltage set at 120V AC and all controls set for normal picture unless otherwise indicated.
2. All voltages measured with 1000 μ V B & W or Color signal.

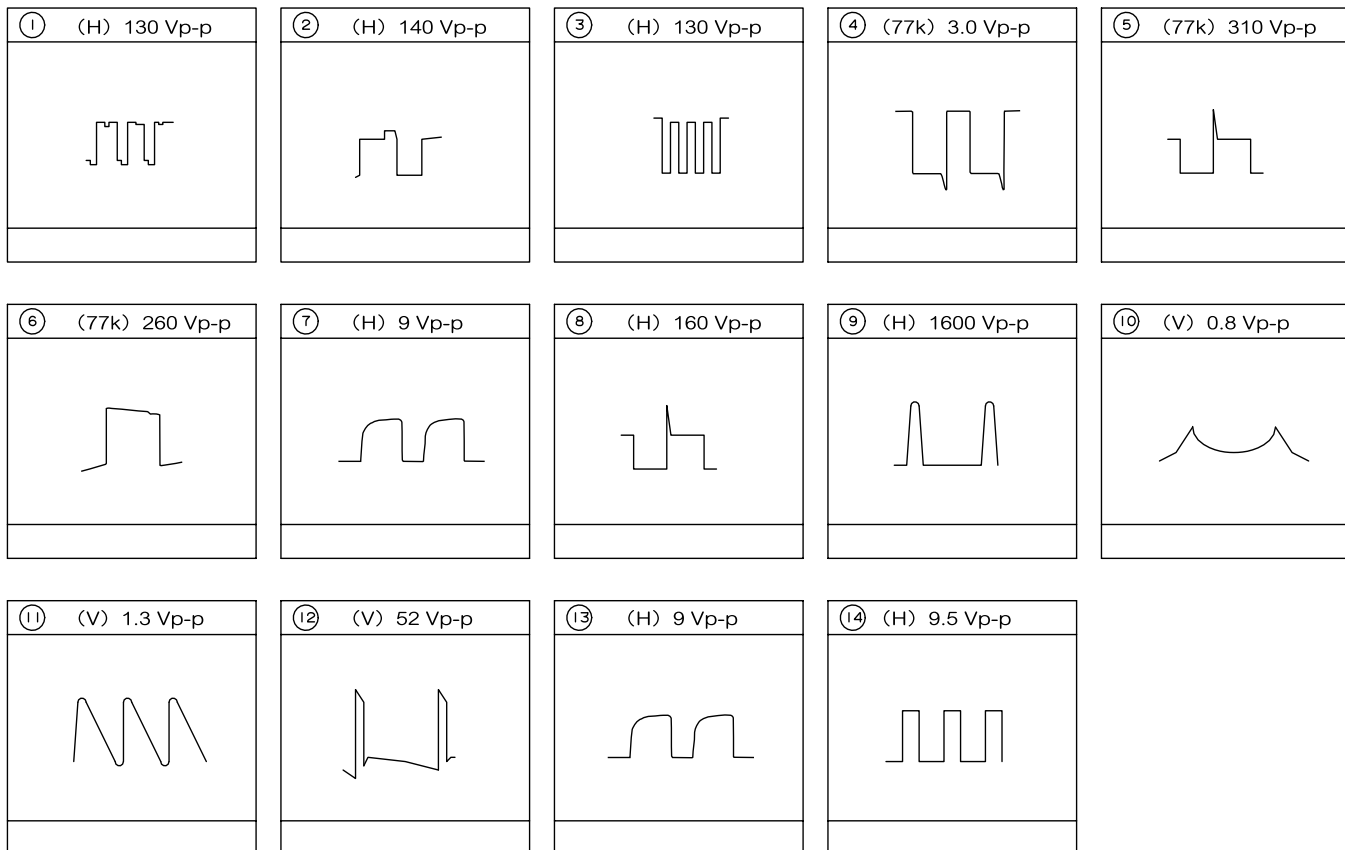
WAVEFORM MEASUREMENT CONDITIONS:

1. Photographs taken on a standard gated color bar signal, the tint setting adjusted for proper color. The wave shapes at the red, green and blue cathodes of the picture tube depend on the tint, color level and picture control.
2. \odot indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)

\triangle AND SHADED () COMPONENTS
= SAFETY RELATED PARTS.
 \blacktriangle MARK= X-RAY RELATED PARTS.

This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.

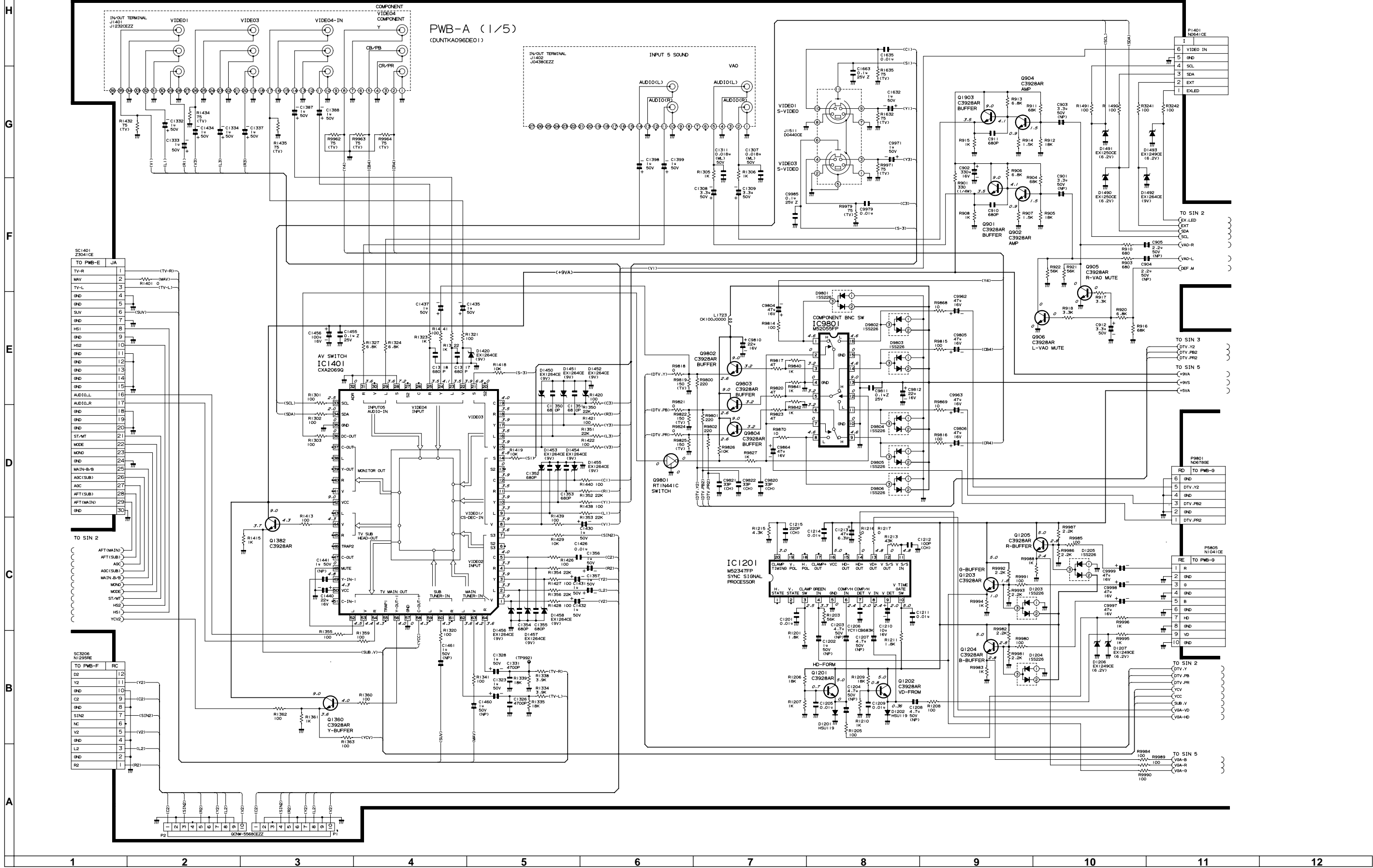
WAVEFORMS



SCHEMATIC DIAGRAM: SIGNAL Unit-1/5

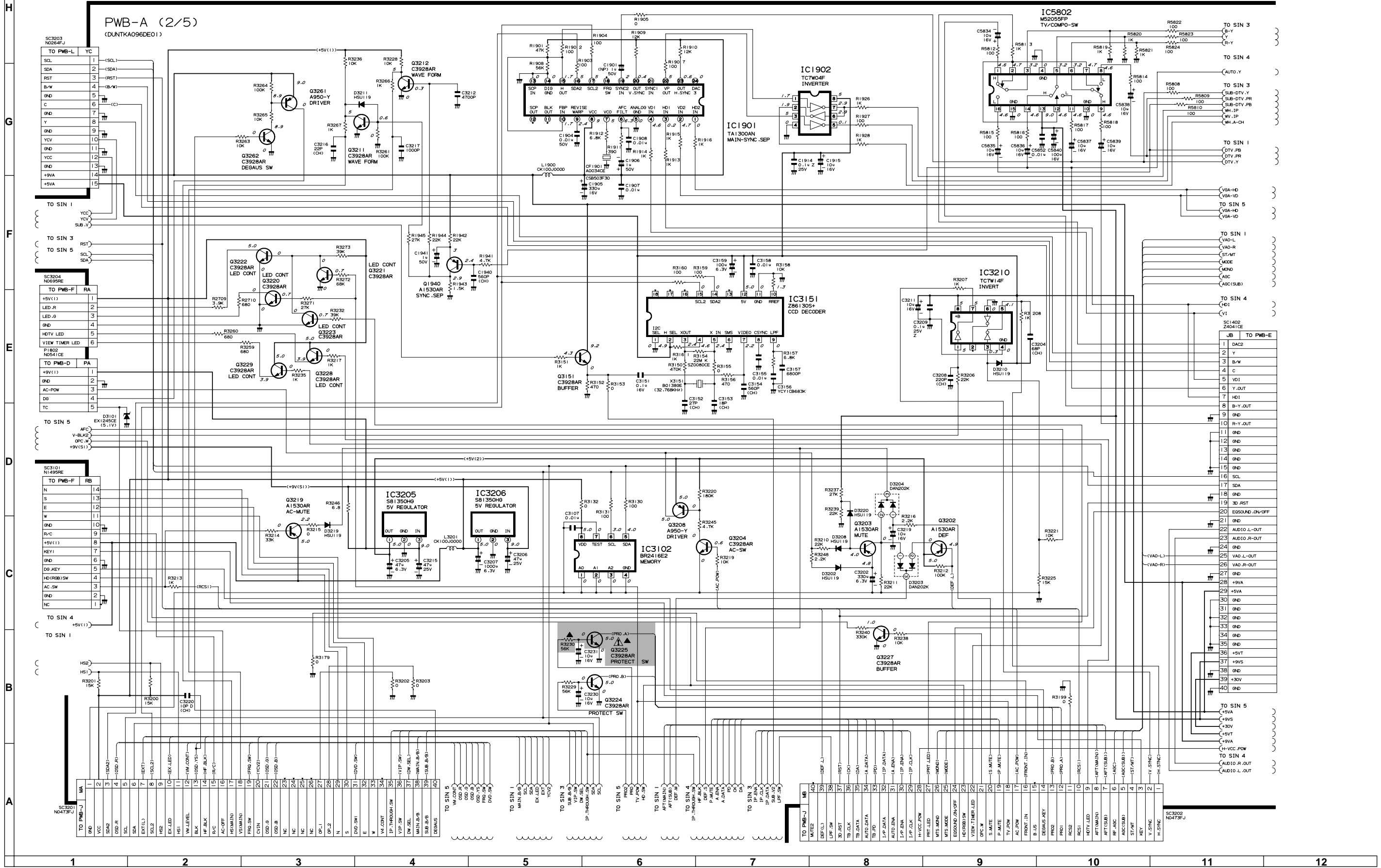
SIN 1

PWB-A (1/5)
(DUNTKA096DE01)



SCHEMATIC DIAGRAM: SIGNAL Unit-2/5

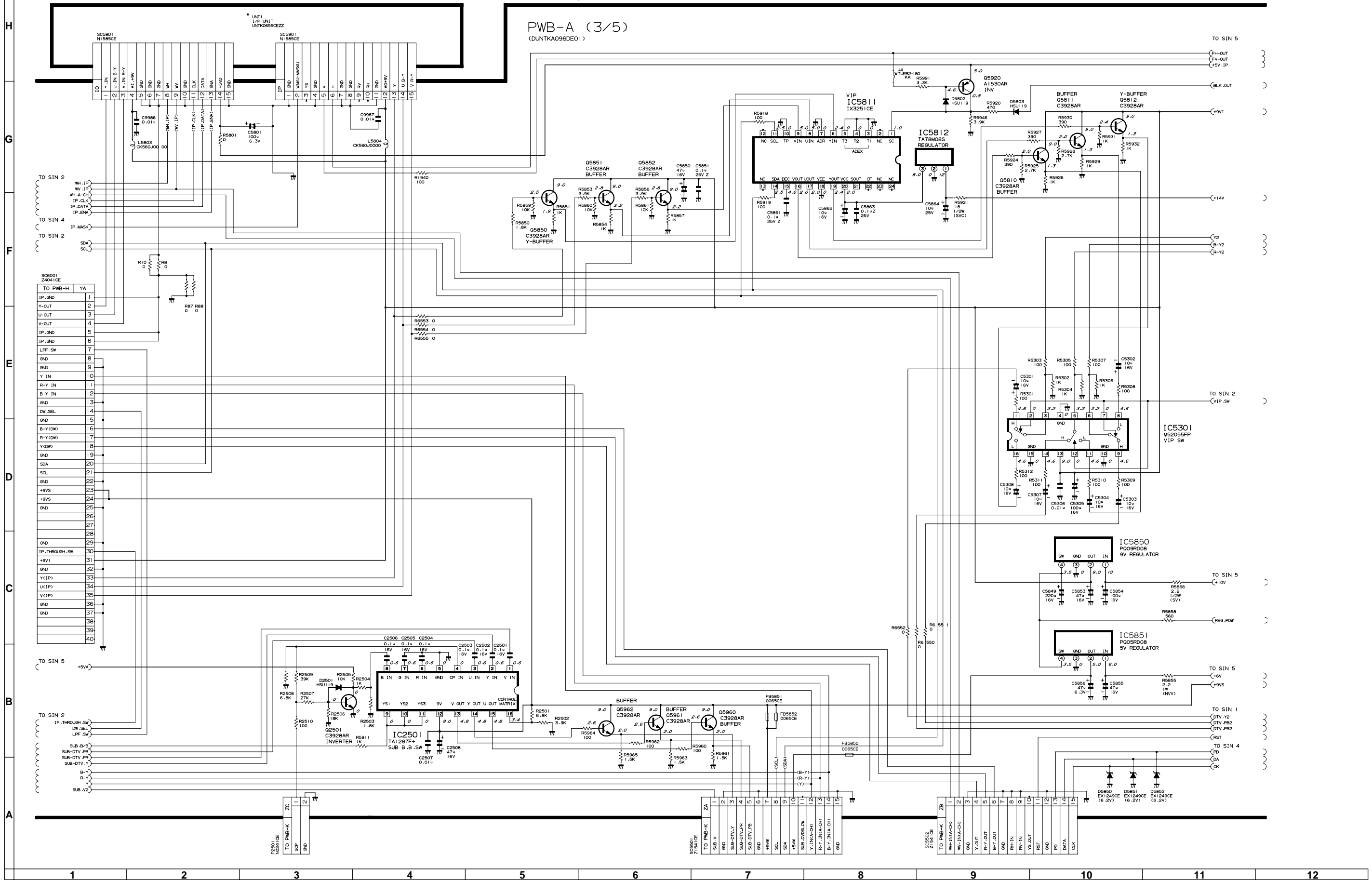
SIN 2



SCHEMATIC DIAGRAM: SIGNAL Unit-3/5

SIN 3

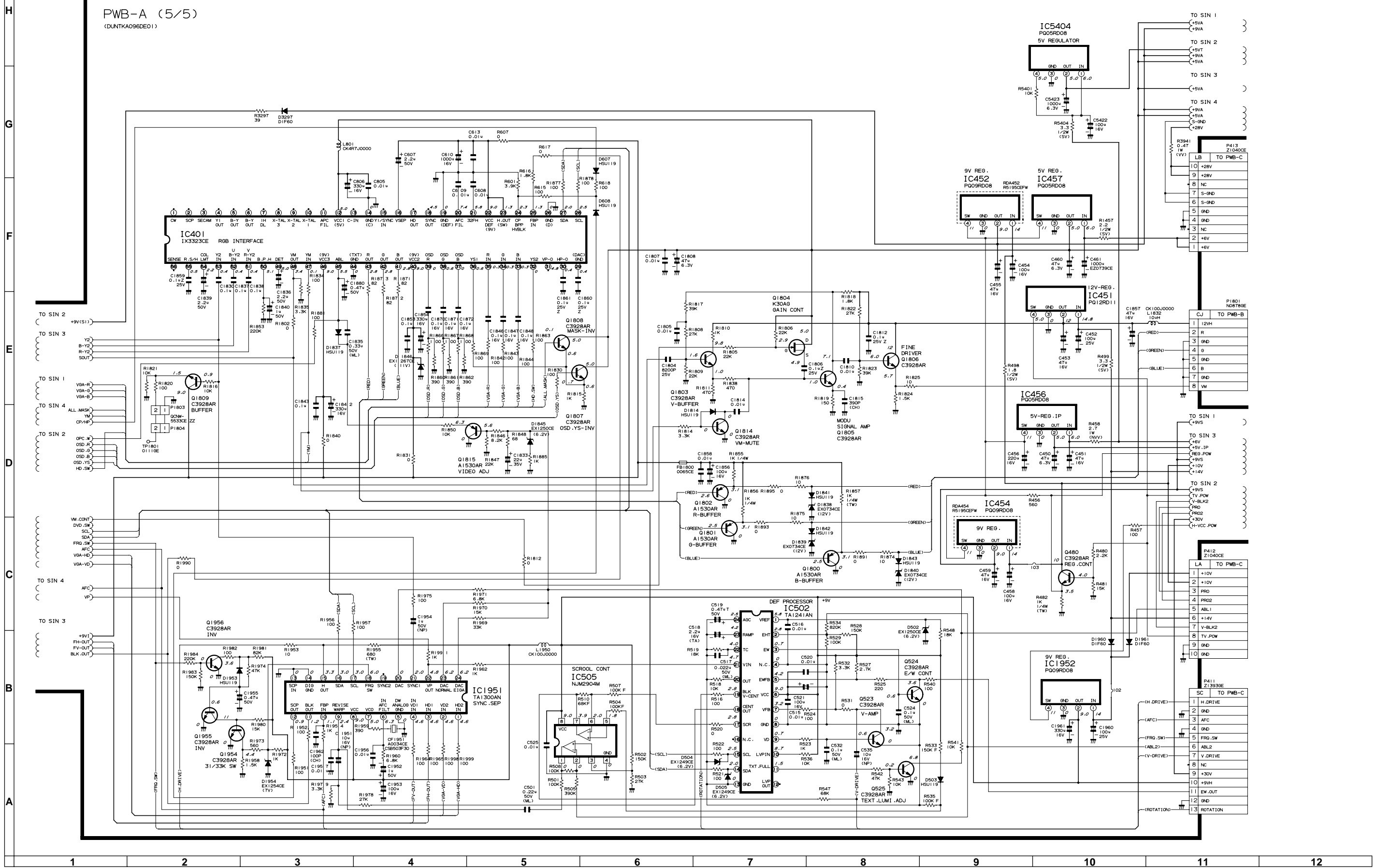
PWB-A (3/5)
(DUNTKA096DE01)



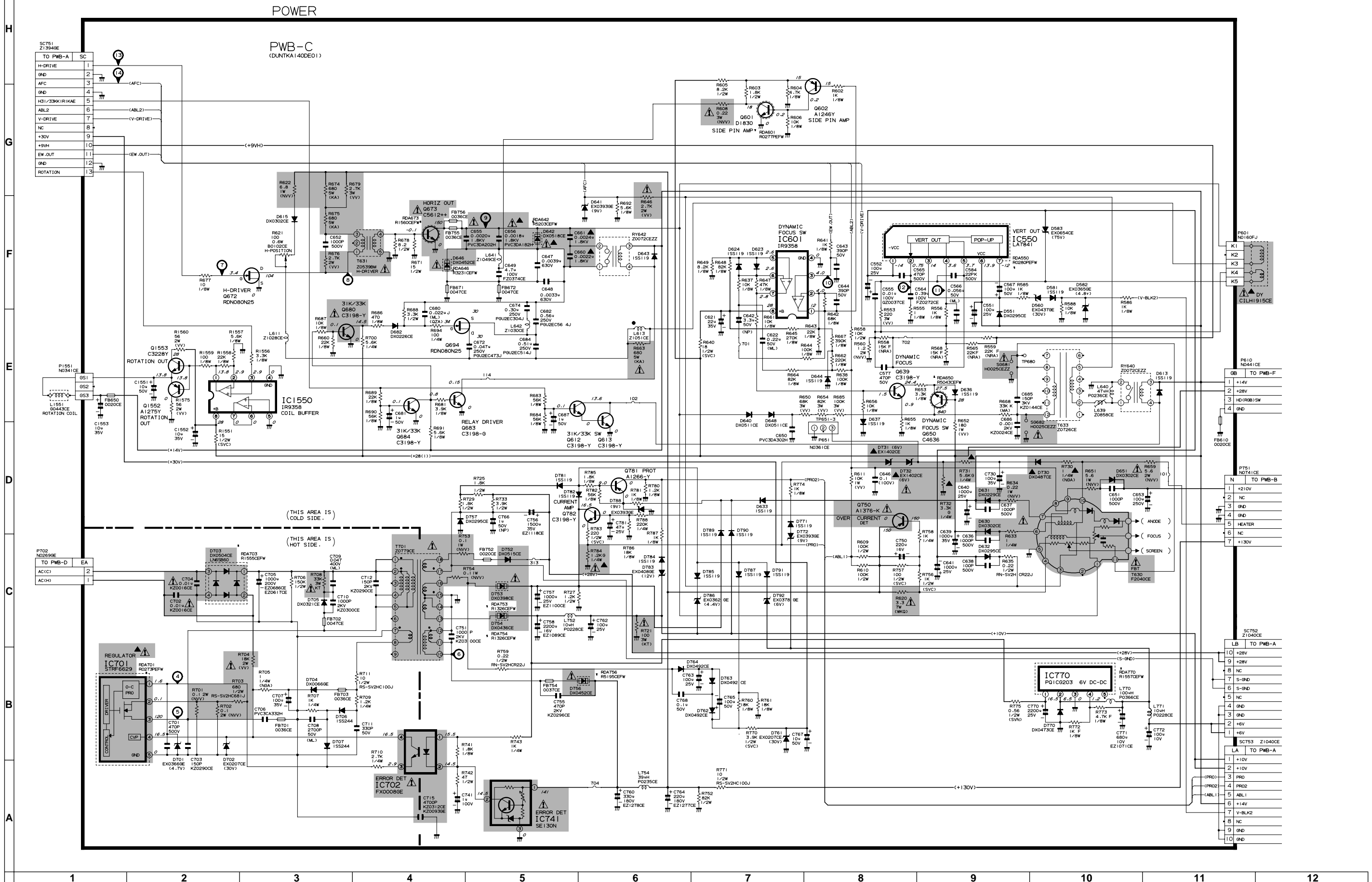
SCHEMATIC DIAGRAM: SIGNAL Unit-5/5

SIN 5

PWB-A (5/5)
(DUNTKA096DE01)

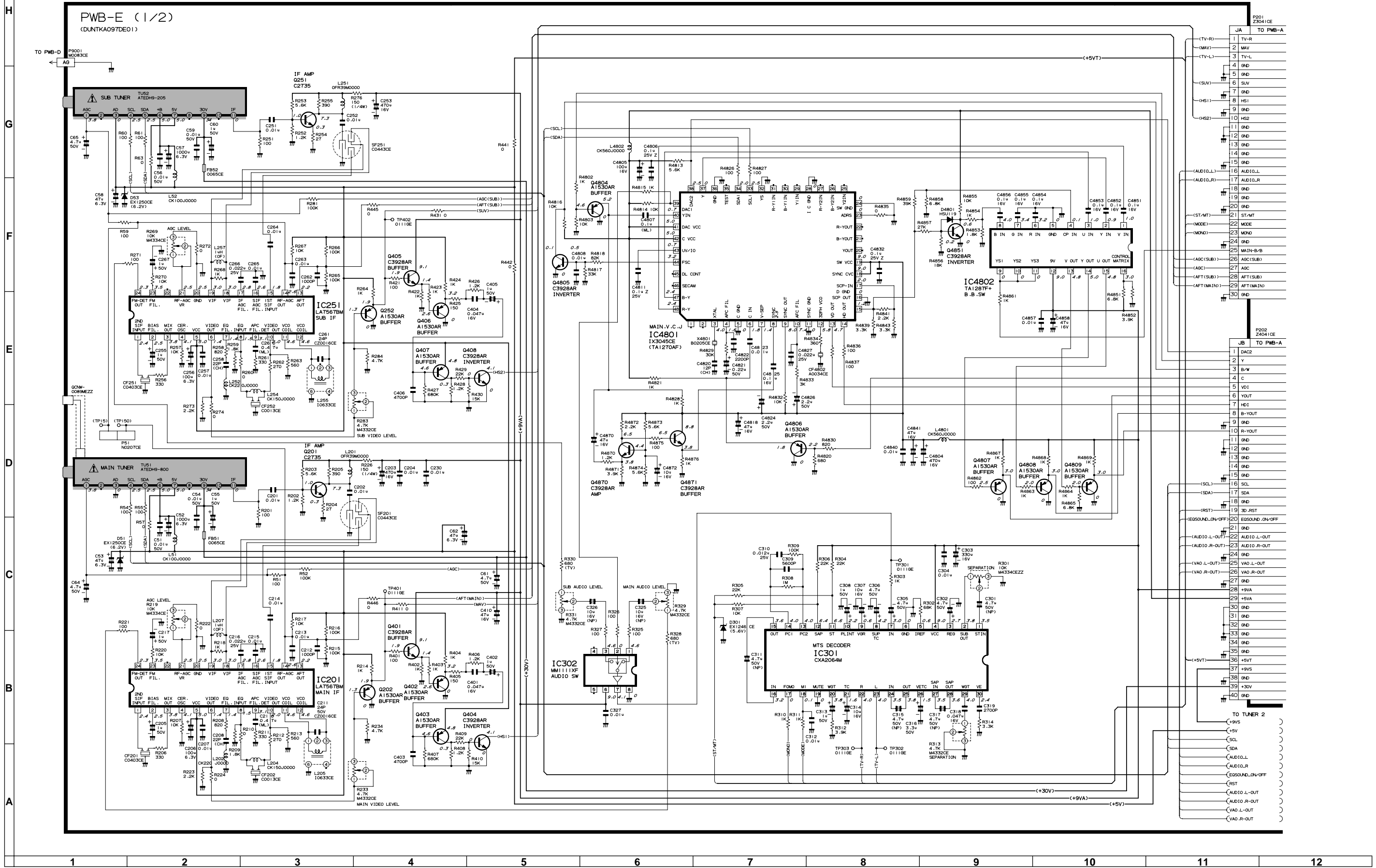


SCHEMATIC DIAGRAM: POWER Unit



SCHEMATIC DIAGRAM: TUNER Unit-1/2

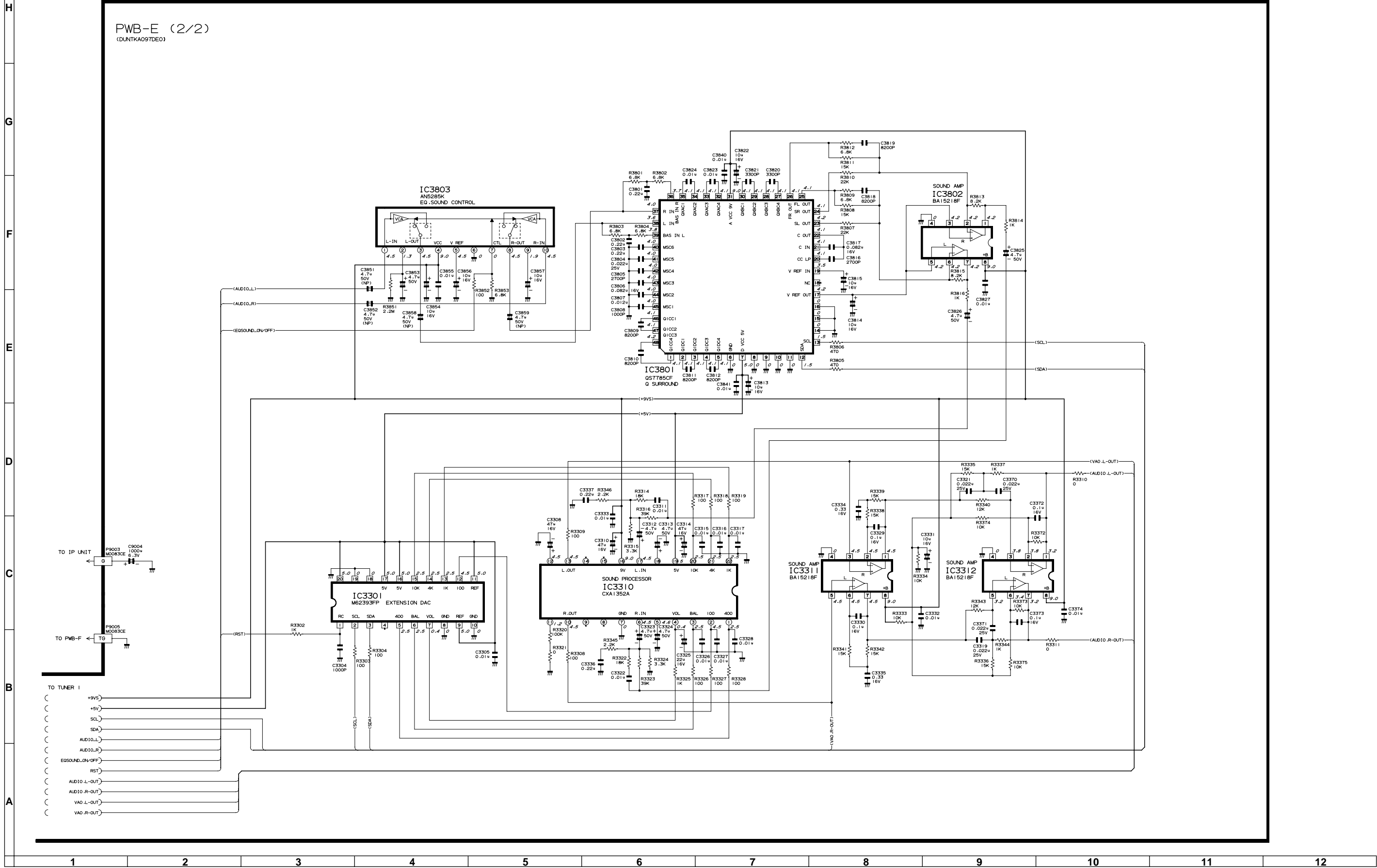
TUNER 1



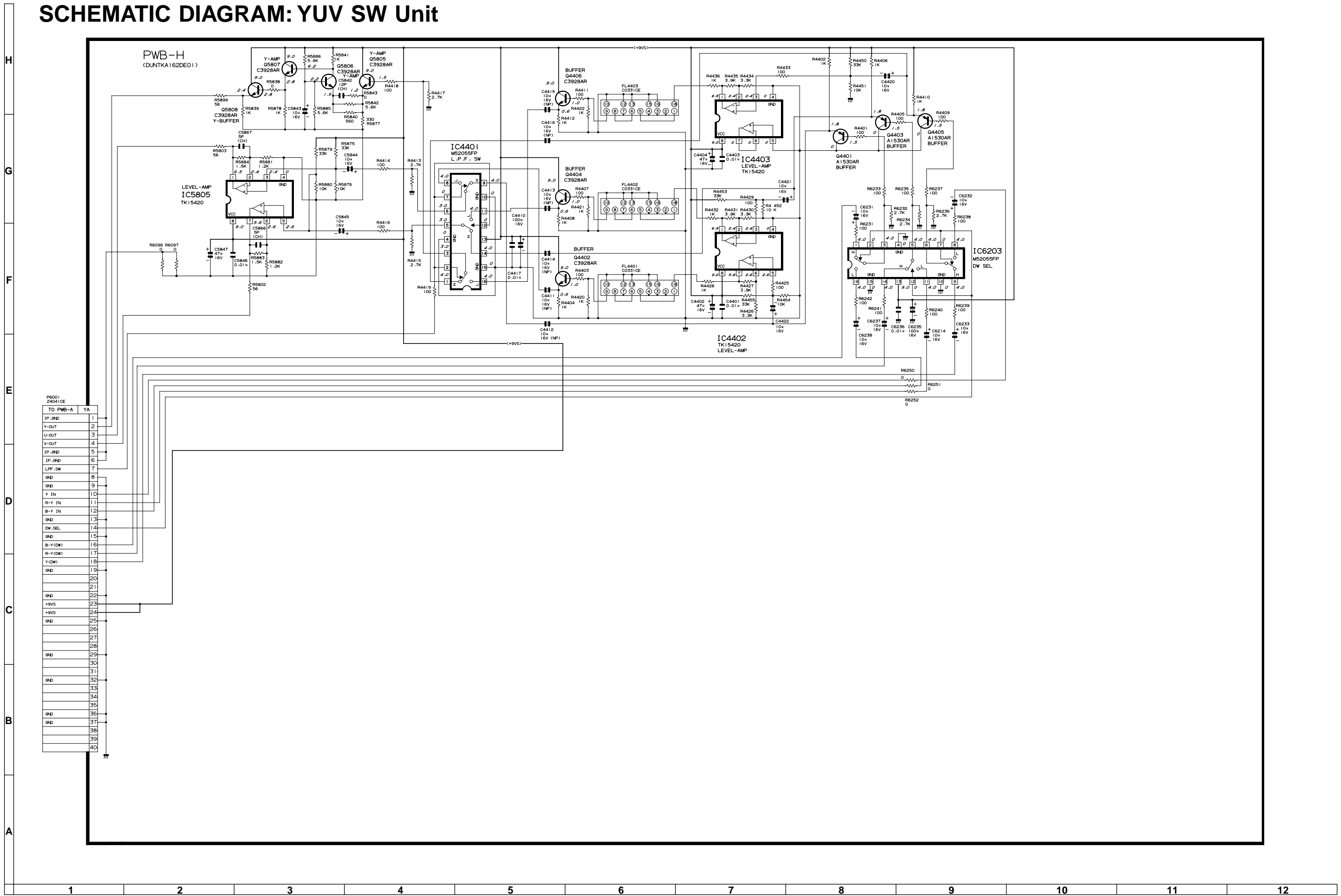
SCHEMATIC DIAGRAM: TUNER Unit-2/2

TUNER 2

PWB-E (2/2)
(DUNTKA09TDE0)



SCHEMATIC DIAGRAM: YUV SW Unit



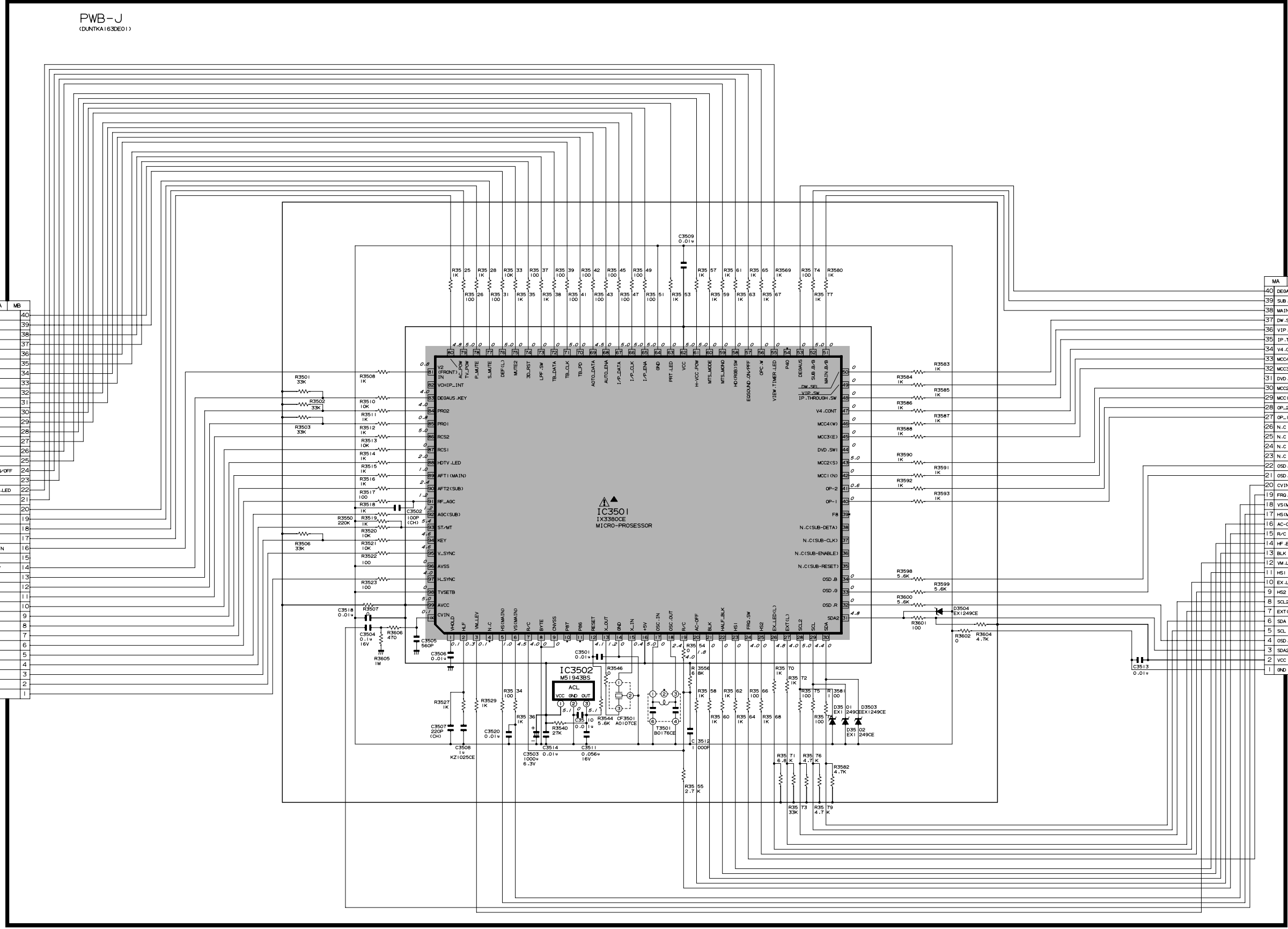
SCHEMATIC DIAGRAM: MICOM Unit

MICOM

PWB-J
(DUNTKA163DE01)

TO PWB-A	MB
R3502	40
NQ449F-J	39
MUTE2	38
DEF.L1	37
LFF.SW	36
3D_RST	35
TB.CLK	34
TB.DATA	33
AUTO_DATA	32
TB_PD	31
I/P_DATA	30
AUTO_ENA	29
I/P_ENA	28
H-VCC_POW	27
PRT.LED	26
MTS_MOND	25
MTS_MODE	24
EGSOUND_ON/OFF	23
HD(RB)SW	22
VIEW_TIMER_LED	21
OPC.W	20
S.MUTE	19
PL.MUTE	18
TV.POW	17
AC.POW	16
V2(FRONT)IN	15
VCHP_INT	14
DEGAUS_KEY	13
PRD2	12
PRD1	11
RCS2	10
RCS1	9
HDTV_LED	8
AFT1(MAIN)	7
AFT2(SUB)	6
RF_AGC	5
AGC(SUB)	4
ST.MT	3
KEY	2
V.SYNC	1
H.SYNC	1

MA	TO PWB-A
40	DEGAUS
39	SUB.B/B
38	MAIN.B/B
37	DW.SEL
36	VIP.SW
35	IP.THROUGH.SW
34	V4.CONT
33	MCC4(W)
32	MCC3(E)
31	DVD.SW
30	MCC2(S)
29	MCC1(N)
28	OP-2
27	OP-1
26	N.C
25	N.C
24	N.C
23	N.C
22	OSD.B
21	OSD.R
20	CVIN
19	PRD.SW
18	V5(MAIN)
17	V5(MAIN)
16	AC-OFF
15	R/C
14	HF.BLK
13	BLK
12	VM.LEVEL
11	HS1
10	EX.LED
9	HS2
8	SCL2
7	EXT(L)
6	SDA
5	SCL
4	OSD.R
3	SDA2
2	VCC
1	IND

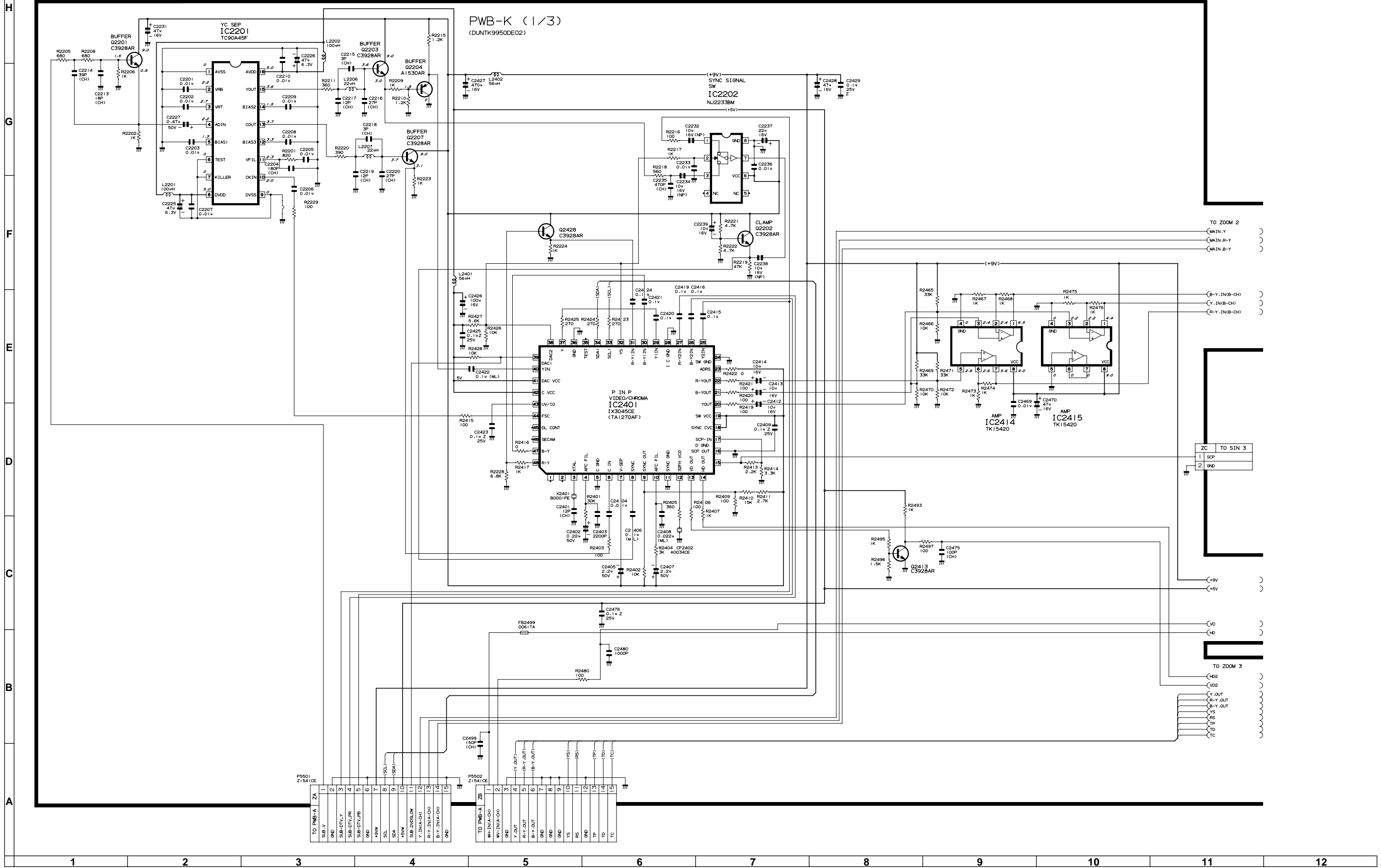


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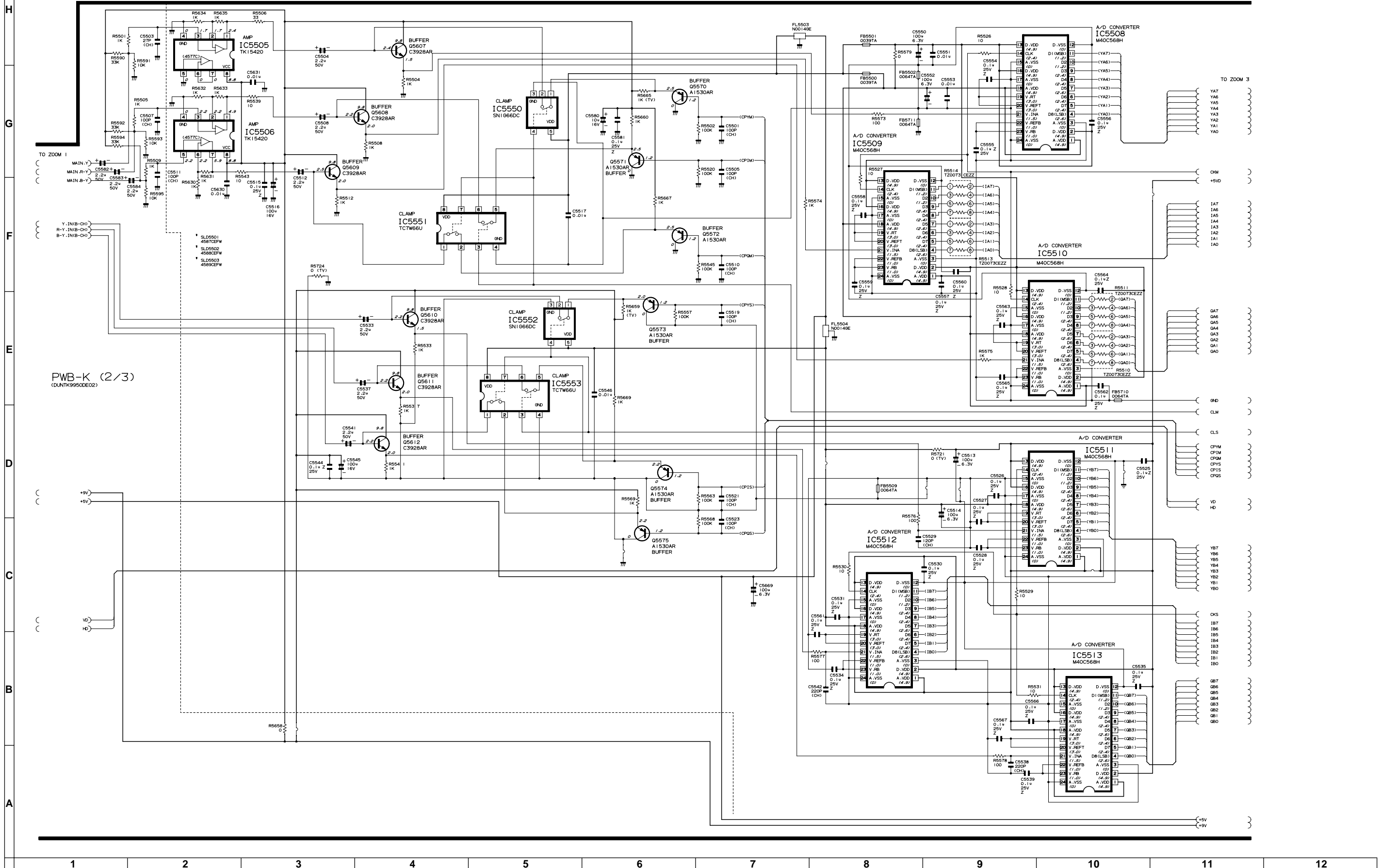
SCHEMATIC DIAGRAM: ZOOM Unit-1/3

ZOOM I



SCHEMATIC DIAGRAM: ZOOM Unit-2/3

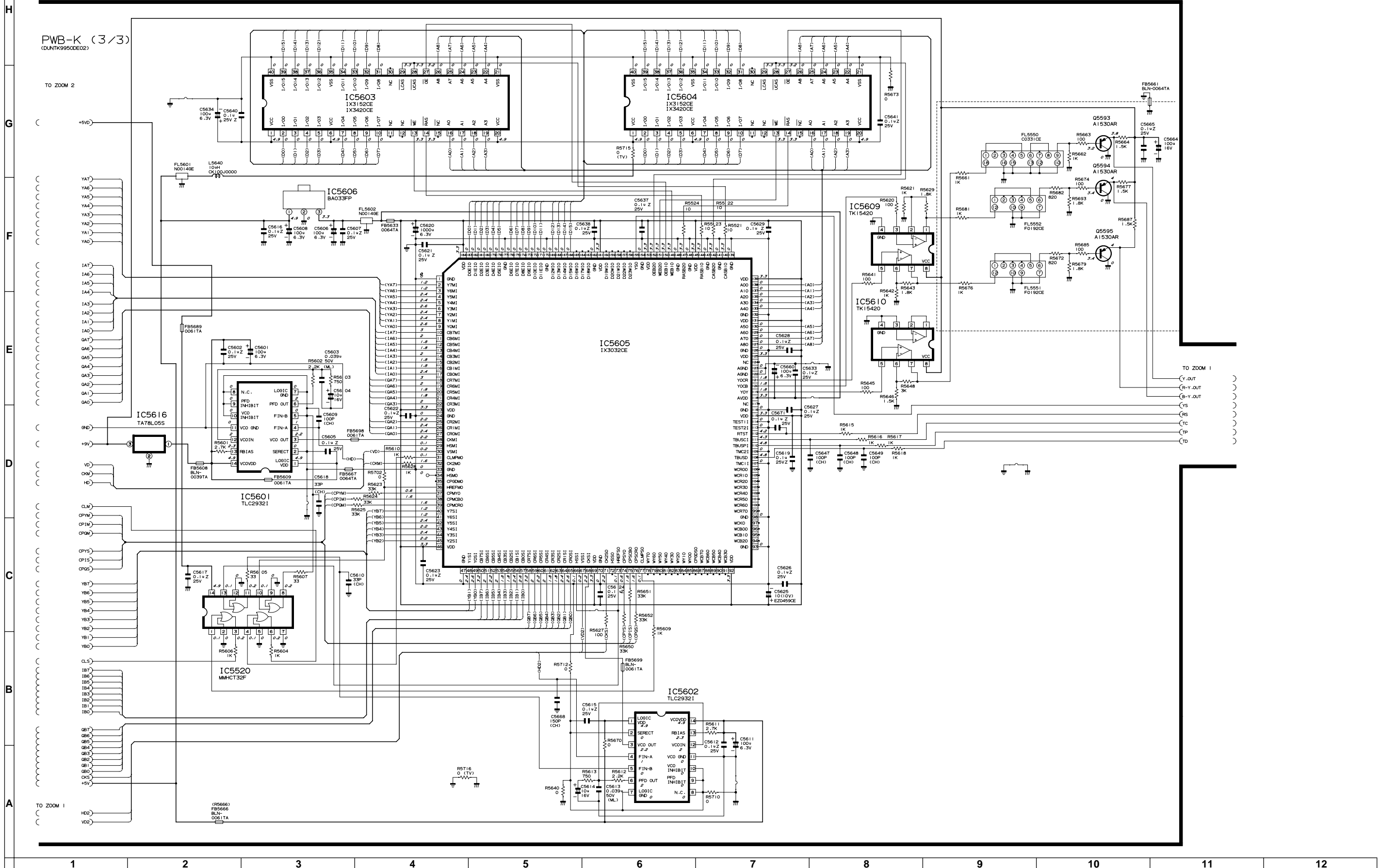
ZOOM 2



PWB-K (2/3)
(DUNTK9950DE02)

SCHEMATIC DIAGRAM: ZOOM Unit-3/3

ZOOM 3



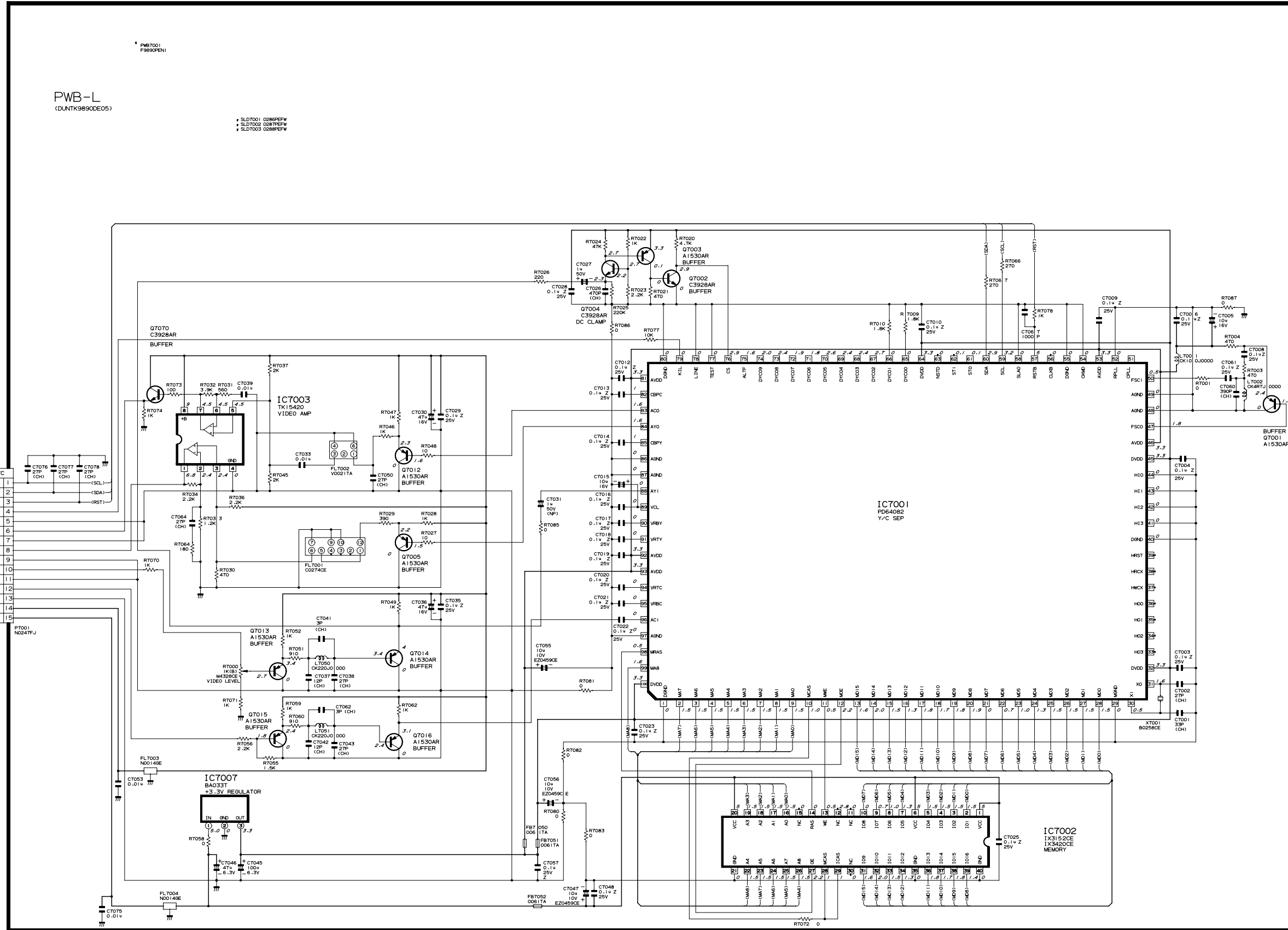
SCHEMATIC DIAGRAM: Y/D 3D Unit

YC3D

PWB-L
(DUNTK9890DE05)

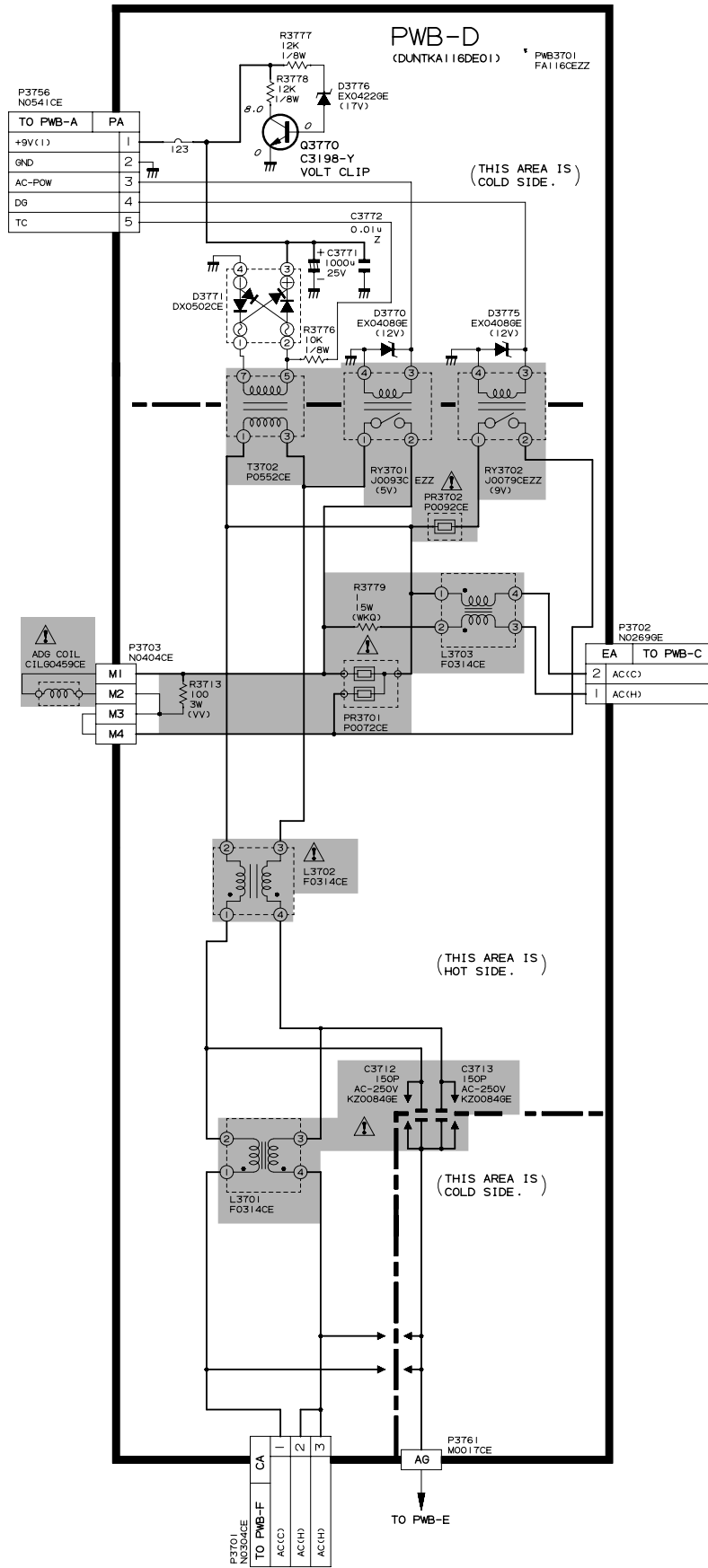
- SLD7001 0288PEFW
- SLD7002 0287PEFW
- SLD7003 0288PEFW

TO PWB-A	YC
SCL	1
SDA	2
REST	3
B/W	4
IND	5
COUT	6
IND	7
YOUT	8
IND	9
V/Y	10
IND	11
S-C	12
IND	13
+9V	14
+5V	15



SCHEMATIC DIAGRAM: AC FILTER Unit

AC FILTER

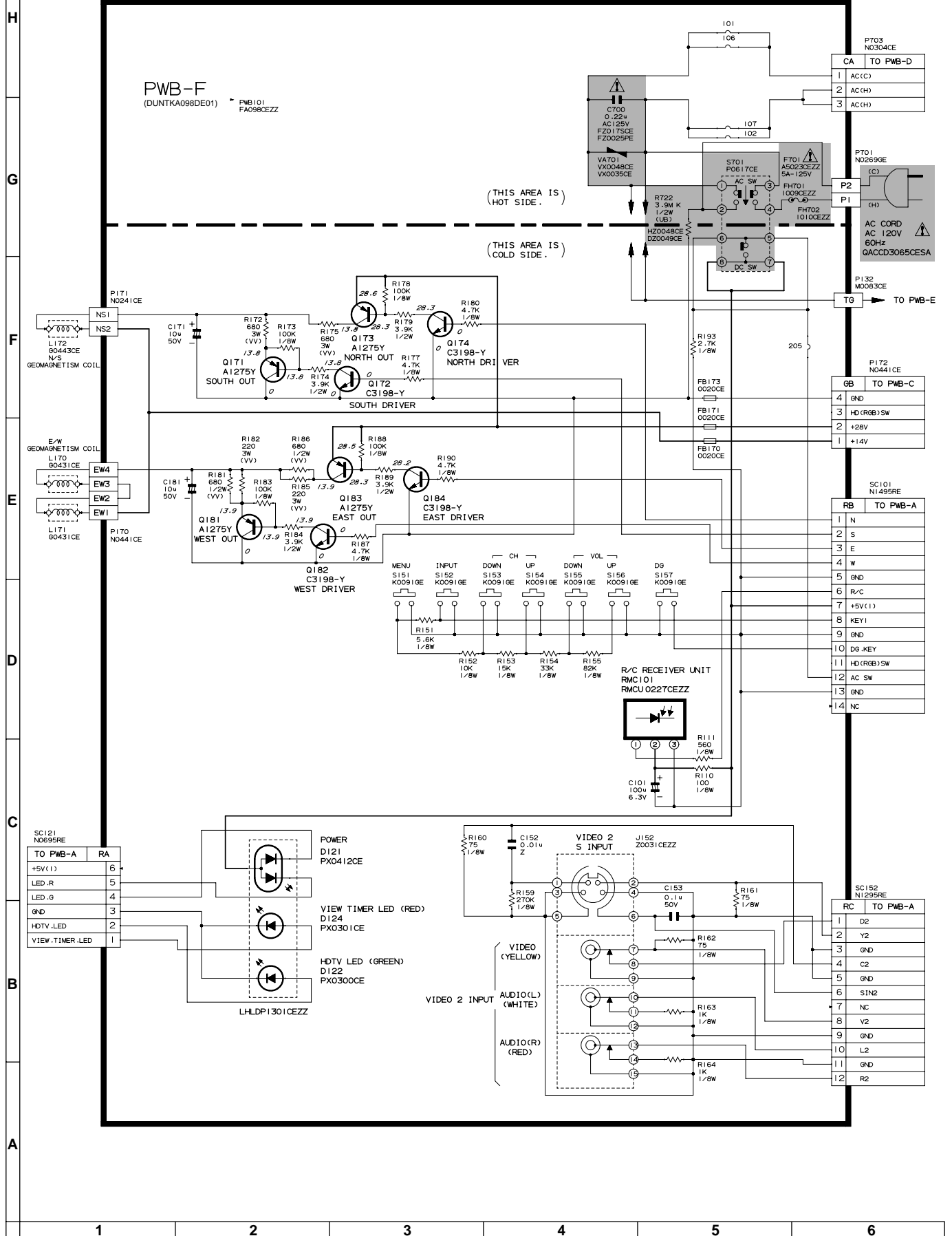


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SCHEMATIC DIAGRAM: CONTROL Unit

CONT

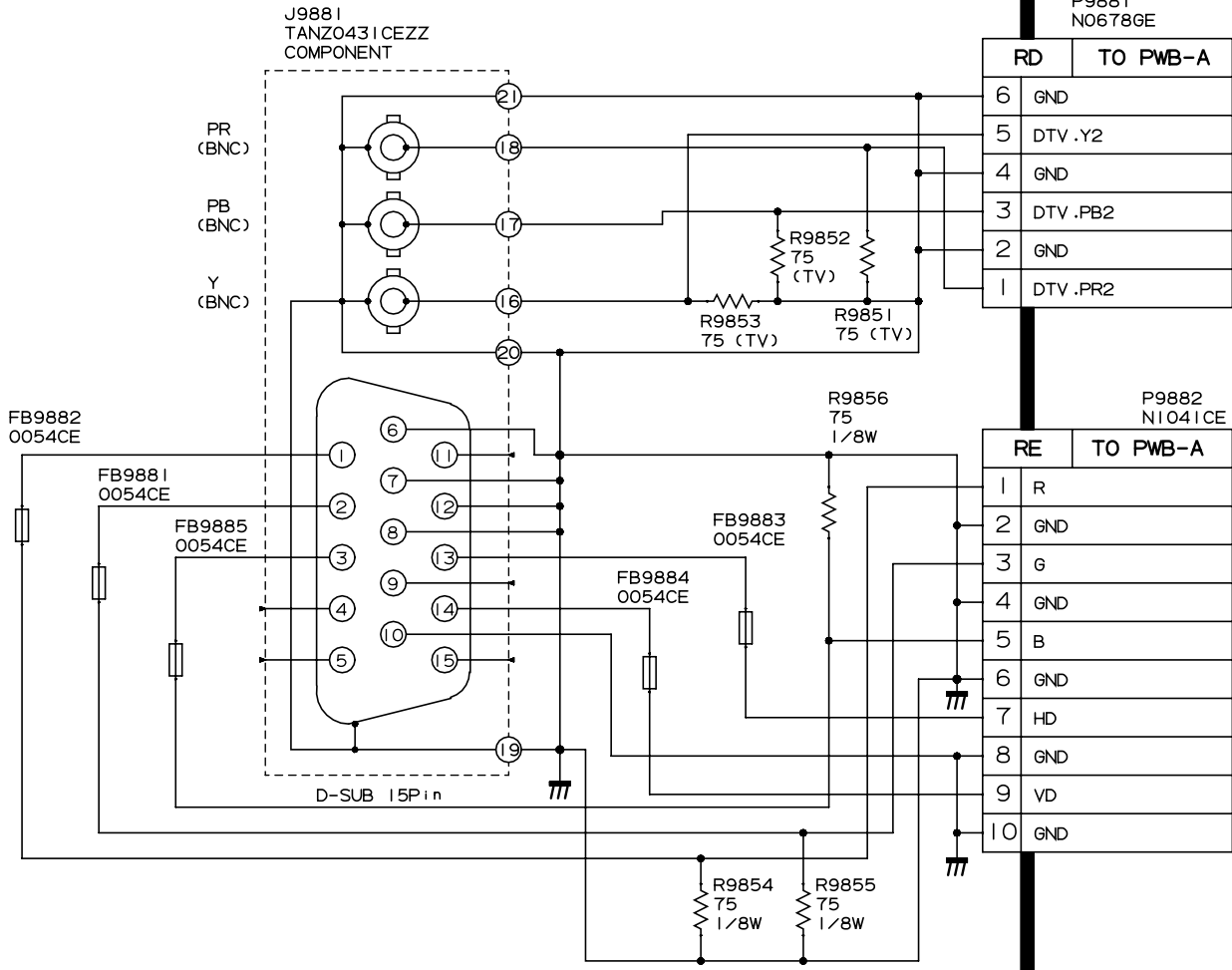


SCHEMATIC DIAGRAM: TERMINAL Unit

TERMINAL

PWB-G

(DUNTKA099DE01)

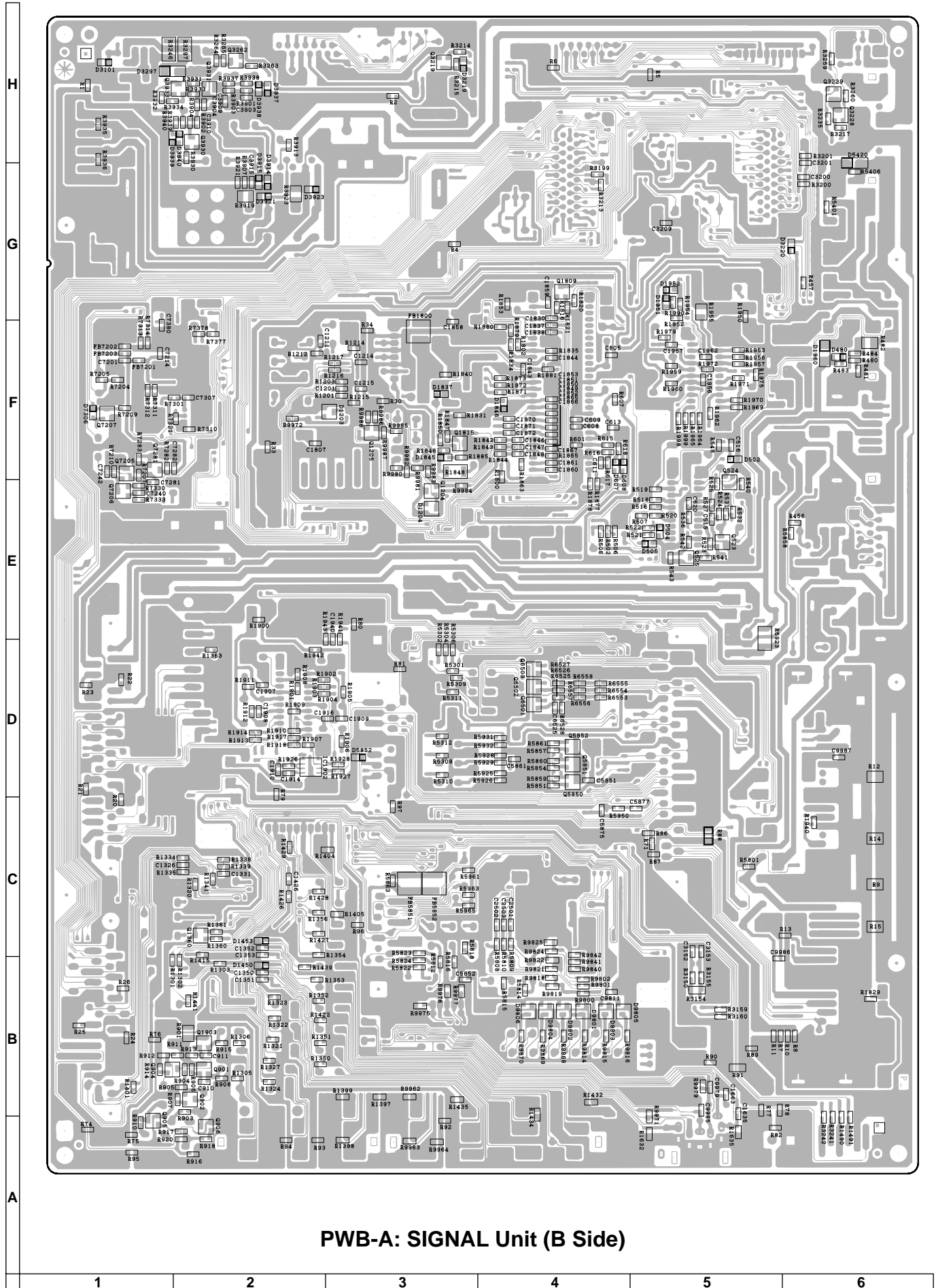


RD	TO PWB-A
6	GND
5	DTV .Y2
4	GND
3	DTV .PB2
2	GND
1	DTV .PR2

RE	TO PWB-A
1	R
2	GND
3	G
4	GND
5	B
6	GND
7	HD
8	GND
9	VD
10	GND

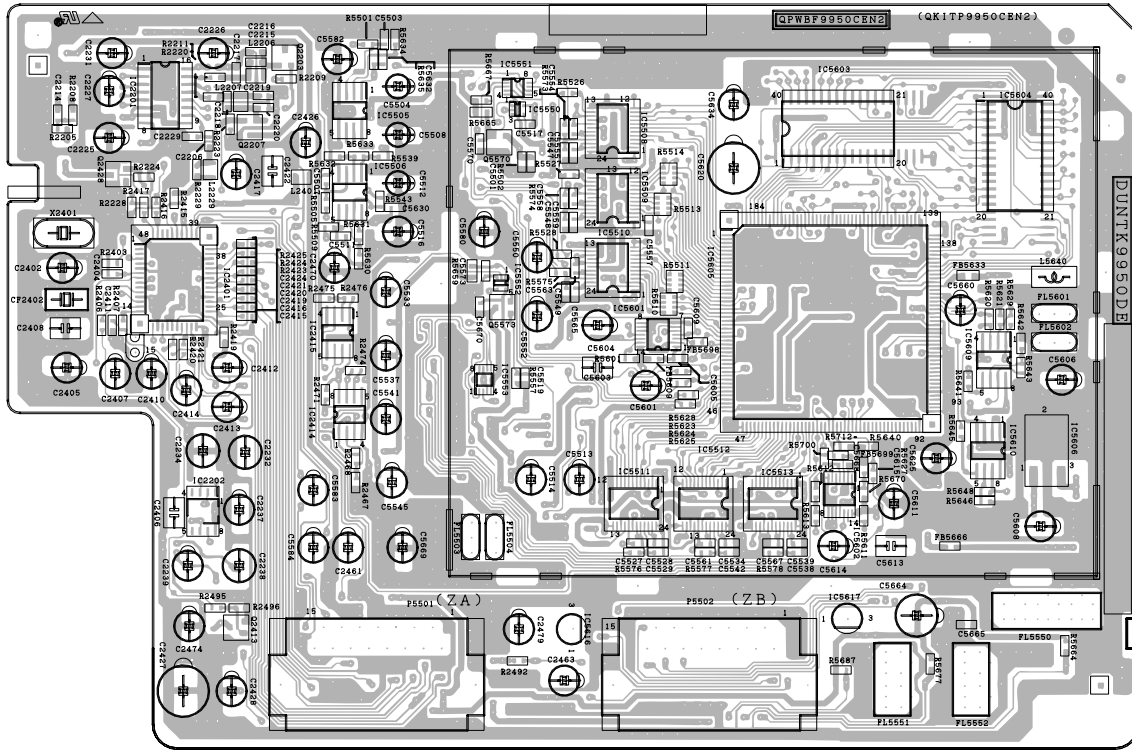
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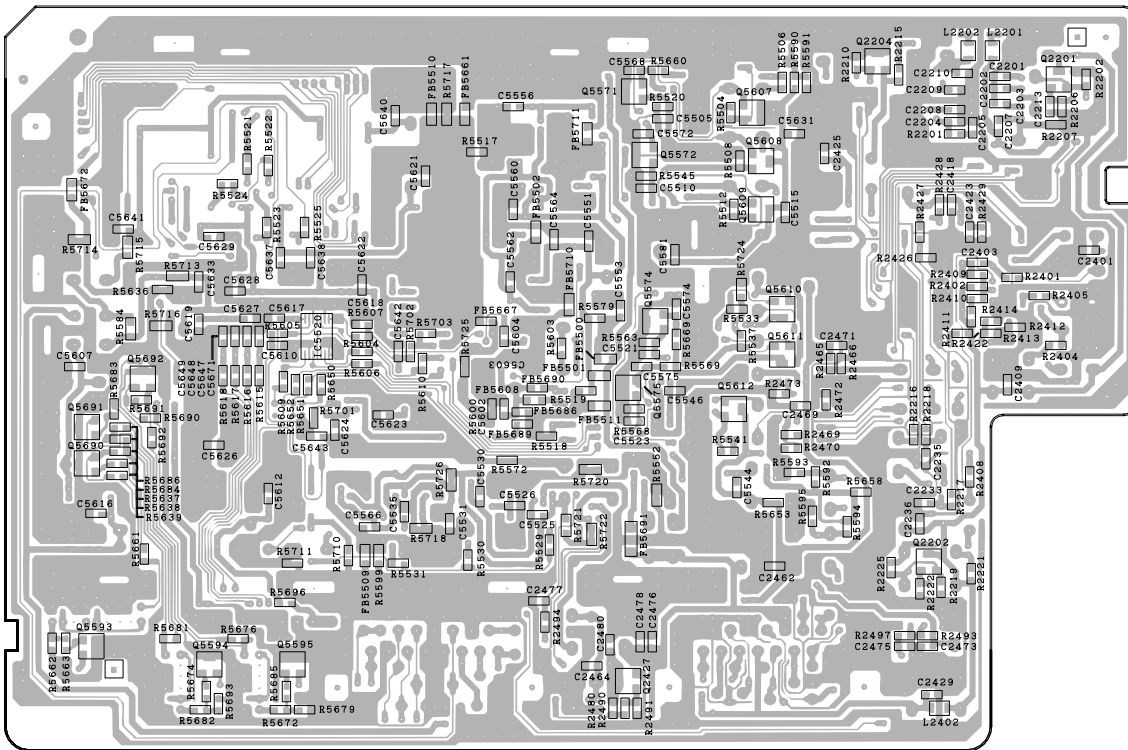


PWB-A: SIGNAL Unit (B Side)

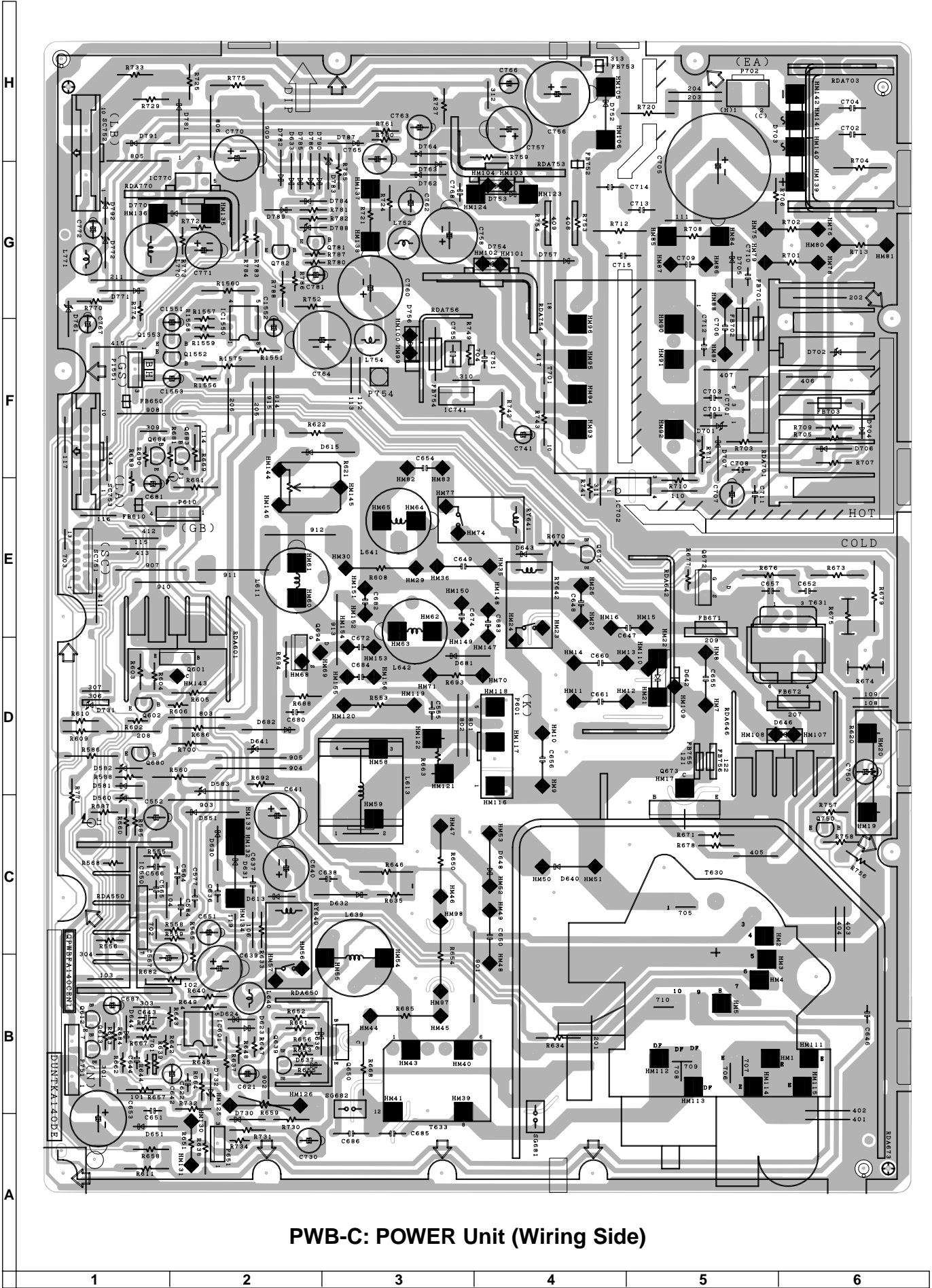
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PWB-K: ZOOM Unit (A Side)

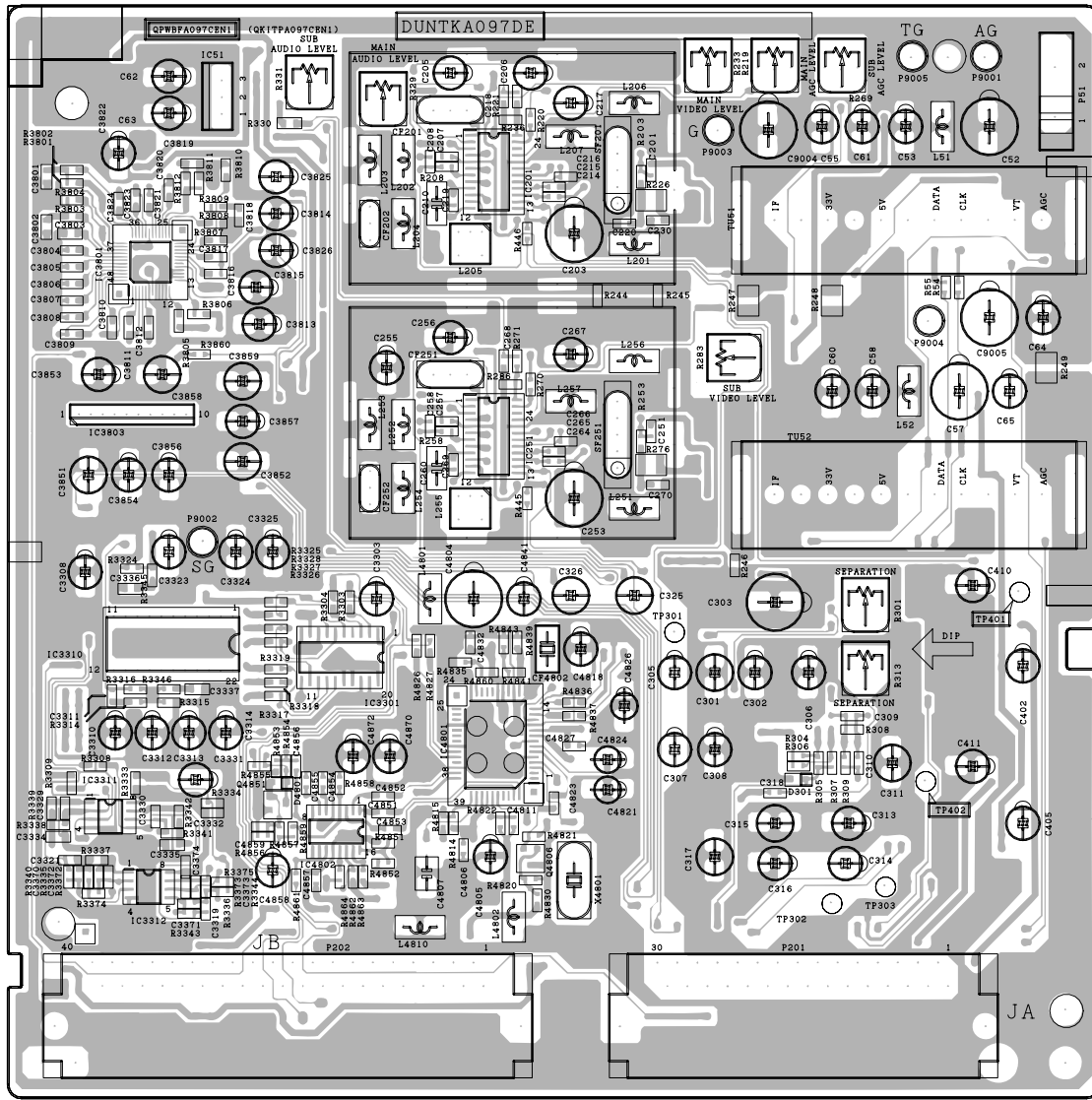


PWB-K: ZOOM Unit (B Side)

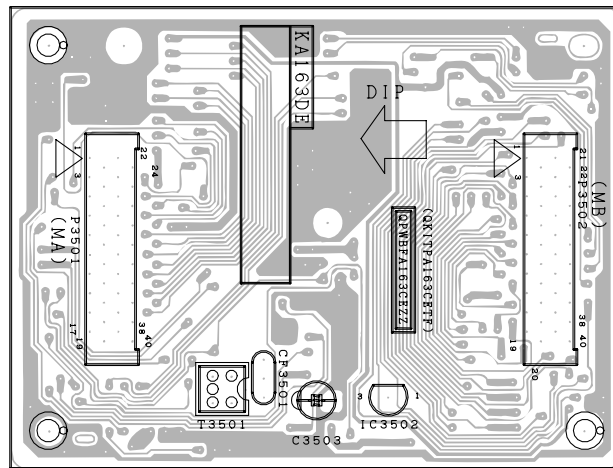


PWB-C: POWER Unit (Wiring Side)

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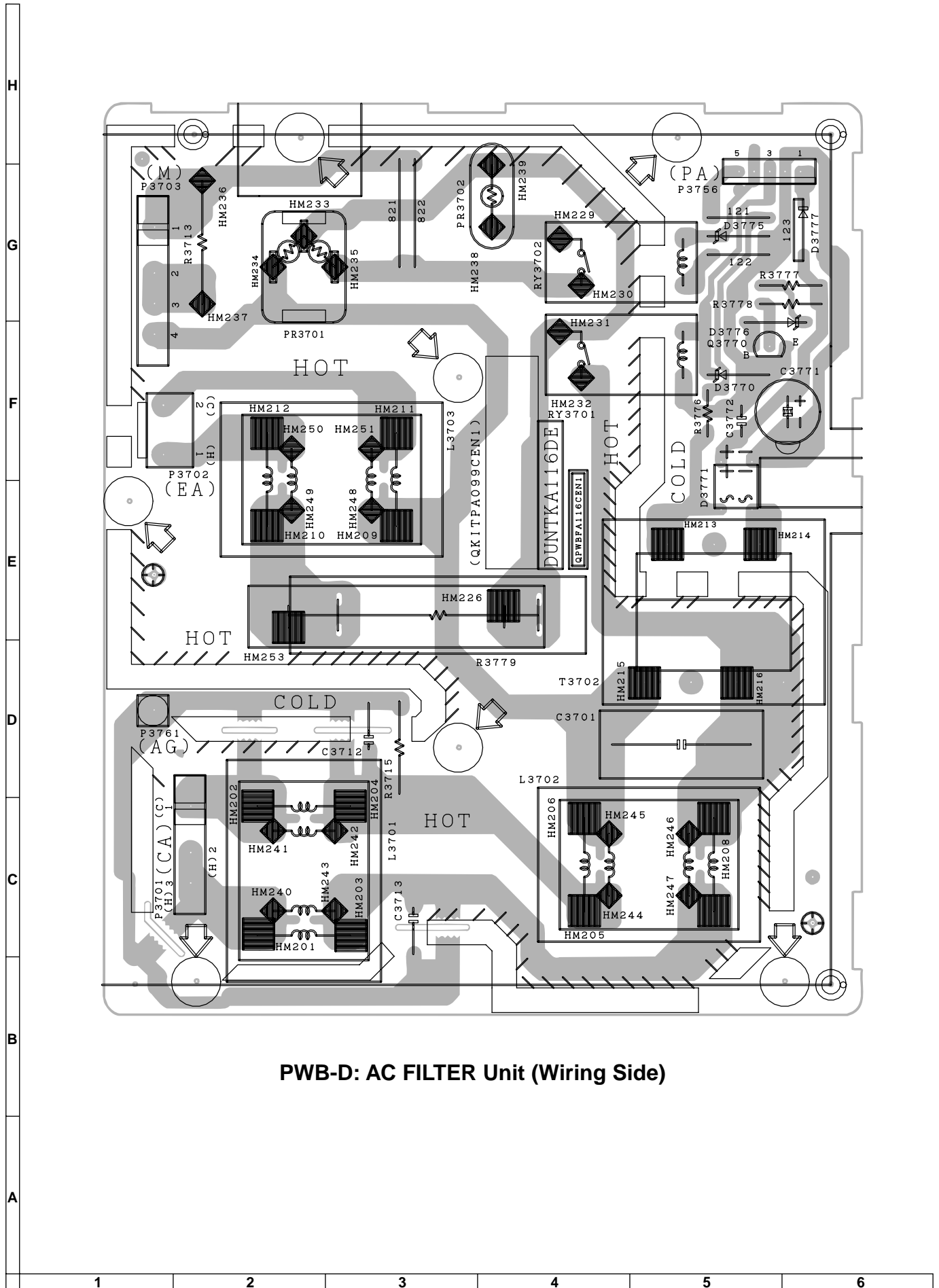


PWB-E: TUNER Unit (A Side)

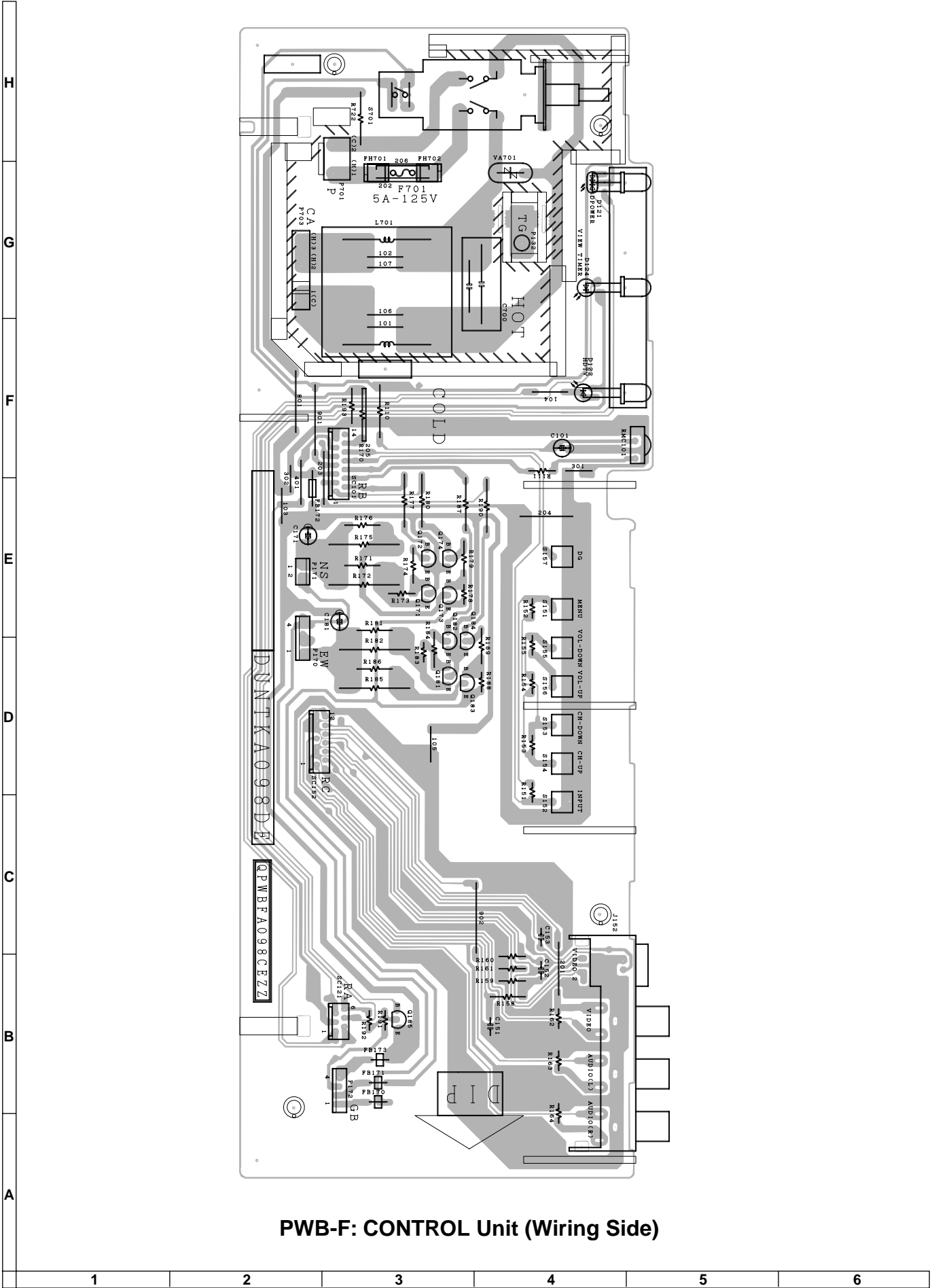


PWB-J: MICOM Unit (A Side)

1 2 3 4 5 6



PWB-D: AC FILTER Unit (Wiring Side)



PWB-F: CONTROL Unit (Wiring Side)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by Δ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does not have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

in USA: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★MARK: SPARE PARTS-DELIVERY SECTION

▲ MARK : X- RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code
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PICTURE TUBE

▲▲	VB86LQQ350W*J		Picture Tube	EG
▲▲	RCiLH1915CEZZ	J	Deflection Yoke	AX
L1551	RCiLG0443CEZZ	J	Rotation Coil	AL
L170	RCiLG0431CEZZ	J	Geomagnetism Coil	AM
L171	RCiLG0431CEZZ	J	Geomagnetism Coil	AM
▲	RCiLG0459CEZZ	J	Degaussing Coil	AZ
	PMAGF3091CEZZ	J	Magnet	AR
	PMAGG3006CEZZ	J	Magnet	AC
▲	QEARC3608CEZZ	J	Ground-part	AM

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

PWB-A DUNTKA096DE01	-	SIGNAL Unit	—
PWB-B DUNTKA100DE01	-	CRT Unit	—
PWB-C DUNTKA140DE01	-	POWER Unit	—
PWB-D DUNTKA116DE01	-	AC FILTER Unit	—
PWB-E DUNTKA097DE01	-	TUNER Unit	—
PWB-F DUNTKA098DE01	-	CONTROL Unit	—
PWB-G DUNTKA099DE01	-	TERMINAL Unit	—
PWB-H DUNTKA162DE01	-	YUVSW Unit	—
PWB-J DUNTKA163DE01	-	MICOM Unit	—
PWB-K DUNTK9950DE02	-	ZOOM Unit	—
PWB-L DUNTK9890DE05	-	YC3D Unit	—
UNT1 RUNTK0655CEZZ	J	I/P Unit	CC

(Unit Replacement Item)

Ref. No.	Part No.	★	Description	Code
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PWB-A: DUNTKA096DE01 SIGNAL UNIT

INTEGRATED CIRCUITS

IC401	RH-iX3323CEZZ	J	TA1298BN	BB
IC451	VHiPQ12RD11-1	J	PQ12RD11	AG
IC452	VHiPQ09RD08-1	J	PQ09RD08	AF
IC454	VHiPQ09RD08-1	J	PQ09RD08	AF
IC456	VHiPQ05RD08-1	J	PQ05RD08	AF
IC457	VHiPQ05RD08-1	J	PQ05RD08	AF
IC502	VHiTA1241AN-1	J	TA1241AN	AM
IC505	VHiNJM2904M-1	J	NJM2904M	AE
IC1201	VHiM52347FP-1	J	M52347FP	AP
IC1401	VHiCXA2069Q-1	J	CXA2069Q	AR
IC1901	VHiTA1300AN-1	J	TA1300AN	AS
IC1902	VHiTC7W04F/-1	J	TC7W04F	AD
IC1951	VHiTA1300AN-1	J	TA1300AN	AS
IC1952	VHiPQ09RD08-1	J	PQ09RD08	AF
IC2501	VHiTA1287F+-1	J	TA1287F (EL)	AN
IC3102	VHiBR2416E2-1	J	BR24C16F	AK
IC3151	VHiZ86130S+-1	J	Z8613012SSC	AV
IC3205	VHiS81350HG-1	J	S-81350HG	AF
IC3206	VHiS81350HG-1	J	S-81350HG	AF
IC3210	VHiTC7W14F/-1	J	TC7W14F	AD
IC3290	VHiMMHCT32F-1	J	MM74HCT32MTCX	AD
IC3291	VHiMMHCT00F-1	J	MM74HCT00MTCX	AD
IC3901	VHiTA8216H/-1	J	TA8216H	AN
IC5301	VHiM52055FP-1	J	M52055FP	AH
IC5404	VHiPQ05RD08-1	J	PQ05RD08	AF
IC5802	VHiM52055FP-1	J	M52055FP	AH
IC5811	RH-iX3251CEZZ	J	TDA9178T/N1	AY
IC5812	VHiTA78M08S-1	J	TA78M08S	AE
IC5850	VHiPQ09RD08-1	J	PQ09RD08	AF
IC5851	VHiPQ05RD08-1	J	PQ05RD08	AF
IC7201	RH-iX3289CEZZ	J	IX3289CE	AQ
IC7202	VHiNJM311M/-1	J	NJM311M	AF
IC9801	VHiM52055FP-1	J	M52055FP	AH

TRANSISTORS

Q480	VS2SC3928AR-1	J	2SC3928AR	AB
Q523	VS2SC3928AR-1	J	2SC3928AR	AB
Q524	VS2SC3928AR-1	J	2SC3928AR	AB
Q525	VS2SC3928AR-1	J	2SC3928AR	AB
Q901	VS2SC3928AR-1	J	2SC3928AR	AB
Q902	VS2SC3928AR-1	J	2SC3928AR	AB
Q904	VS2SC3928AR-1	J	2SC3928AR	AB
Q905	VS2SC3928AR-1	J	2SC3928AR	AB
Q906	VS2SC3928AR-1	J	2SC3928AR	AB
Q1201	VS2SC3928AR-1	J	2SC3928AR	AB
Q1202	VS2SC3928AR-1	J	2SC3928AR	AB
Q1203	VS2SC3928AR-1	J	2SC3928AR	AB
Q1204	VS2SC3928AR-1	J	2SC3928AR	AB
Q1205	VS2SC3928AR-1	J	2SC3928AR	AB
Q1360	VS2SC3928AR-1	J	2SC3928AR	AB
Q1382	VS2SC3928AR-1	J	2SC3928AR	AB
Q1800	VS2SA1530AR-1	J	2SA1530R	AB
Q1801	VS2SA1530AR-1	J	2SA1530R	AB
Q1802	VS2SA1530AR-1	J	2SA1530R	AB
Q1803	VS2SC3928AR-1	J	2SC3928AR	AB
Q1804	VS2SK30AG//2E	J	2SK30AG	AD
Q1805	VS2SC3928AR-1	J	2SC3928AR	AB
Q1806	VS2SC3928AR-1	J	2SC3928AR	AB
Q1807	VS2SC3928AR-1	J	2SC3928AR	AB
Q1808	VS2SC3928AR-1	J	2SC3928AR	AB
Q1809	VS2SC3928AR-1	J	2SC3928AR	AB
Q1814	VS2SC3928AR-1	J	2SC3928AR	AB
Q1815	VS2SA1530AR-1	J	2SA1530AR	AB
Q1903	VS2SC3928AR-1	J	2SC3928AR	AB
Q1940	VS2SA1530AR-1	J	2SA1530AR	AB
Q1954	VS2SC3928AR-1	J	2SC3928AR	AB
Q1955	VS2SC3928AR-1	J	2SC3928AR	AB
Q1956	VS2SC3928AR-1	J	2SC3928AR	AB
Q2501	VS2SC3928AR-1	J	2SC3928AR	AB
Q3151	VS2SC3928AR-1	J	2SC3928AR	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01 SIGNAL UNIT (Continued)									
Q3202	VS2SA1530AR-1	J	2SA1530AR	AB	D1837	VHDHSU119//-1	J	Diode	AB
Q3203	VS2SA1530AR-1	J	2SA1530AR	AB	D1838	RH-EX0734CEZZ	J	Zener Diode, 12V	AD
Q3204	VS2SC3928AR-1	J	2SC3928AR	AB	D1839	RH-EX0734CEZZ	J	Zener Diode, 12V	AD
Q3208	VS2SA950-Y/1E	J	2SA950(Y)	AD	D1840	RH-EX0734CEZZ	J	Zener Diode, 12V	AD
Q3211	VS2SC3928AR-1	J	2SC3928AR	AB	D1841	VHDHSU119//-1	J	Diode	AB
Q3212	VS2SC3928AR-1	J	2SC3928AR	AB	D1842	VHDHSU119//-1	J	Diode	AB
Q3219	VS2SA1530AR-1	J	2SA1530AR	AB	D1843	VHDHSU119//-1	J	Diode	AB
Q3220	VS2SC3928AR-1	J	2SC3928AR	AB	D1845	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB
Q3221	VS2SC3928AR-1	J	2SC3928AR	AB	D1846	RH-EX1267CEZZ	J	Zener Diode, 11V	AB
Q3222	VS2SC3928AR-1	J	2SC3928AR	AB	D1953	VHDHSU119//-1	J	Diode	AB
Q3223	VS2SC3928AR-1	J	2SC3928AR	AB	D1954	RH-EX1254CEZZ	J	Zener Diode, 7V	AB
Q3224	VS2SC3928AR-1	J	2SC3928AR	AB	D1960	VHDD1F60///-1	J	Diode	AC
▲▲ Q3225	VS2SC3928AR-1	J	2SC3928AR	AB	D1961	VHDD1F60///-1	J	Diode	AC
Q3227	VS2SC3928AR-1	J	2SC3928AR	AB	D2501	VHDHSU119//-1	J	Diode	AB
Q3228	VS2SC3928AR-1	J	2SC3928AR	AB	D3101	RH-EX1245CEZZ	J	Zener Diode, 5.1V	AB
Q3229	VS2SC3928AR-1	J	2SC3928AR	AB	D3202	VHDHSU119//-1	J	Diode	AB
Q3261	VS2SA950-Y/1E	J	2SA950(Y)	AD	D3203	VHDDAN202K/-1	J	Diode	AB
Q3262	VS2SC3928AR-1	J	2SC3928AR	AB	D3204	VHDDAN202K/-1	J	Diode	AB
Q3930	VSDTC314TK/-1	J	DTC314TK	AC	D3208	VHDHSU119//-1	J	Diode	AB
Q3931	VSDTC314TK/-1	J	DTC314TK	AC	D3210	VHDHSU119//-1	J	Diode	AB
Q3933	VS2SC3928AR-1	J	2SC3928AR	AB	D3211	VHDHSU119//-1	J	Diode	AB
Q3934	VS2SC3928AR-1	J	2SC3928AR	AB	D3219	VHDHSU119//-1	J	Diode	AB
Q5810	VS2SC3928AR-1	J	2SC3928AR	AB	D3220	VHDHSU119//-1	J	Diode	AB
Q5811	VS2SC3928AR-1	J	2SC3928AR	AB	D3297	VHDD1F60///-1	J	Diode	AC
Q5812	VS2SC3928AR-1	J	2SC3928AR	AB	D3906	VHD1SS119//-1	J	Diode	AB
Q5850	VS2SC3928AR-1	J	2SC3928AR	AB	D3914	VHDHSU119//-1	J	Diode	AB
Q5851	VS2SC3928AR-1	J	2SC3928AR	AB	D3915	VHDHSU119//-1	J	Diode	AB
Q5852	VS2SC3928AR-1	J	2SC3928AR	AB	D3921	RH-EX1297CEZZ	J	Zener Diode, 36V	AB
Q5855	VS2SC3928AR-1	J	2SC3928AR	AB	D3923	RH-EX1297CEZZ	J	Zener Diode, 36V	AB
Q5852	VS2SC3928AR-1	J	2SC3928AR	AB	D3937	VHDHSU119//-1	J	Diode	AB
Q5920	VS2SA1530AR-1	J	2SA1530AR	AB	D3938	VHDHSU119//-1	J	Diode	AB
Q5960	VS2SC3928AR-1	J	2SC3928AR	AB	D3939	VHDHSU119//-1	J	Diode	AB
Q5961	VS2SC3928AR-1	J	2SC3928AR	AB	D3940	VHDHSU119//-1	J	Diode	AB
Q5962	VS2SC3928AR-1	J	2SC3928AR	AB	D5802	VHDHSU119//-1	J	Diode	AB
Q7205	VS2SC3928AR-1	J	2SC3928AR	AB	D5803	VHDHSU119//-1	J	Diode	AB
Q7206	VS2SC3928AR-1	J	2SC3928AR	AB	D5850	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
Q7207	VS2SC3928AR-1	J	2SC3928AR	AB	D5851	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
Q7281	VS2SC3928AR-1	J	2SC3928AR	AB	D5852	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB
Q7290	VS2SC3928AR-1	J	2SC3928AR	AB	D7290	VHDHSU119//-1	J	Diode	AB
Q9801	VSRT1N441C/-1	J	RT1N441C	AB	D7291	VHDHSU119//-1	J	Diode	AB
Q9802	VS2SC3928AR-1	J	2SC3928AR	AB	D7306	VHDHSU119//-1	J	Diode	AB
Q9803	VS2SC3928AR-1	J	2SC3928AR	AB	D7380	VHDHSU119//-1	J	Diode	AB
Q9804	VS2SC3928AR-1	J	2SC3928AR	AB	D9801	VHD1SS226//-1	J	Diode	AB
DIODES					D9802	VHD1SS226//-1	J	Diode	AB
D502	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB	D9803	VHD1SS226//-1	J	Diode	AB
D503	VHDHSU119//-1	J	Diode	AB	D9804	VHD1SS226//-1	J	Diode	AB
D504	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB	D9805	VHD1SS226//-1	J	Diode	AB
D505	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB	D9806	VHD1SS226//-1	J	Diode	AB
D607	VHDHSU119//-1	J	Diode	AB	PACKAGED CIRCUIT				
D608	VHDHSU119//-1	J	Diode	AB	X3151	RCRSB0138GEN1	J	Crystal	AD
D1201	VHDHSU119//-1	J	Diode	AB	FILTERS AND COILS				
D1202	VHDHSU119//-1	J	Diode	AB	CF1901	RFiLA0034CEZZ	J	Ceramic Filter	AD
D1203	VHD1SS226//-1	J	Diode	AB	CF1951	RFiLA0034CEZZ	J	Ceramic Filter	AD
D1204	VHD1SS226//-1	J	Diode	AB	CF7301	RFiLA0098CEZZ	J	Ceramic Filter	AD
D1205	VHD1SS226//-1	J	Diode	AB	L801	VPACK4R7J0000	J	Peaking 4.7μH	AB
D1206	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB	L1723	VPACK100J0000	J	Peaking 10μH	AB
D1207	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB	L1832	VPACK100J0000	J	Peaking 10μH	AB
D1420	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	L1900	VPACK100J0000	J	Peaking 10μH	AB
D1450	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	L1950	VPACK100J0000	J	Peaking 10μH	AB
D1451	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	L3201	VPACK100J0000	J	Peaking 10μH	AB
D1452	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	L5803	VPACK560J0000	J	Peaking 56μH	AB
D1453	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	L5804	VPACK560J0000	J	Peaking 56μH	AB
D1454	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	T7301	RCiLB0164CEZZ	J	Oscillation Coil	AE
D1455	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	CAPACITORS				
D1456	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	<i>[EL... Electrolytic]</i>				
D1457	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	C450	VCEAEAJW476M	J	47 6.3V EL.	AB
D1458	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	C451	VCEAOA1CW476M	J	47 16V EL.	AB
D1490	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB	C452	VCEAOA1EW107M	J	100 25V EL.	AC
D1491	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB	C453	VCEAOA1CW476M	J	47 16V EL.	AB
D1492	RH-EX1264CEZZ	J	Zener Diode, 9V	AB	C454	VCEAOA1CW107M	J	100 16V EL.	AC
D1493	RH-EX1249CEZZ	J	Zener Diode, 6.2V	AB	C455	VCEAOA1CW476M	J	47 16V EL.	AB
D1814	VHDHSU119//-1	J	Diode	AB	C456	VCEAOA1CW227M	J	220 16V EL.	AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01									
SIGNAL UNIT (Continued)									
C458	VCEA0A1CW107M	J	100 16V	EL. AC	C1399	VCEAEA1HW105M	J	1.0 50V	EL. AB
C459	VCEA0A1CW476M	J	47 16V	EL. AB	C1426	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C460	VCEAEA0JW476M	J	47 6.3V	EL. AB	C1430	VCEAEA1HW105M	J	1.0 50V	EL. AB
C461	RC-EZ0739CEZZ	J	1000 16V	EL. AD	C1431	VCEAEA1HW105M	J	1.0 50V	EL. AB
C501	VCFYSA1HB224J	J	0.22 50V	Mylar AB	C1432	VCEAEA1HW105M	J	1.0 50V	EL. AB
C515	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1434	VCEAEA1HW105M	J	1.0 50V	EL. AB
C516	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1435	VCEAEA1HW105M	J	1.0 50V	EL. AB
C517	VCQYTA1HM223J	J	0.022 50V	Mylar AA	C1437	VCEAEA1HW105M	J	1.0 50V	EL. AB
C518	VCSATA1CE225K	J	2.2 16V	Tantalum AB	C1440	VCEA0A1CW226M	J	22 16V	EL. AB
C519	VCEAGA1HW474T	J	0.47 50V	EL. AA	C1441	VCE9GA1HW105M	J	1.0 50V	EL. (N.P) AB
C520	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1455	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C521	VCEA0A1CW107M	J	100 16V	EL. AC	C1456	VCEA0A1CW107M	J	100 16V	EL. AC
C524	VCFYSA1HB104J	J	0.1 50V	Mylar AB	C1460	VCE9GA1HW105M	J	1.0 50V	EL. (N.P) AB
C525	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1461	VCE9GA1HW105M	J	1.0 50V	EL. (N.P) AB
C532	VCFYSA1HB104J	J	0.1 50V	Mylar AB	C1632	VCEAEA1HW105M	J	1.0 50V	EL. AB
C535	VCE9GA1CW106M	J	10 16V	EL. (N.P) AB	C1635	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C607	VCEAEA1HW225M	J	2.2 50V	EL. AB	C1663	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C608	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1804	VCKYCY1EB822K	J	8200p 25V	Ceramic AA
C609	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1805	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C610	VCEA0A1CW108M	J	1000 16V	EL. AD	C1806	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C613	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1807	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C805	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1808	VCEAEA0JW476M	J	47 6.3V	EL. AB
C806	VCEA0A1CW337M	J	330 16V	EL. AC	C1810	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C901	VCE9GA1HW335M	J	3.3 50V	EL. (N.P) AB	C1812	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C902	VCEA0A1CW337M	J	330 16V	EL. AC	C1814	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C903	VCE9GA1HW335M	J	3.3 50V	EL. (N.P) AB	C1815	VCCCCY1HH391J	J	390p 50V	Ceramic AA
C904	VCE9GA1HW225M	J	2.2 50V	EL. (N.P) AB	C1830	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C905	VCE9GA1HW225M	J	2.2 50V	EL. (N.P) AB	C1833	VCEA0A1VW226M	J	22 35V	EL. AB
C910	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1835	VCFYSA1HB334J	J	0.33 50V	Mylar AB
C911	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1836	VCEAEA1HW225M	J	2.2 50V	EL. AB
C912	VCEAEA1HW335M	J	3.3 50V	EL. AB	C1837	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1201	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1838	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1202	VCE9GA1HW105M	J	1.0 50V	EL. (N.P) AB	C1839	VCEAEA1HW225M	J	2.2 50V	EL. AB
C1203	VCE9GA1HW475M	J	4.7 50V	EL. (N.P) AB	C1840	VCEAEA1HW105M	J	1.0 50V	EL. AB
C1204	VCE9GA1HW475M	J	4.7 50V	EL. (N.P) AB	C1842	VCEA0A1CW337M	J	330 16V	EL. AC
C1205	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1843	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1206	VCKYCY1CB683K	J	0.068 16V	Ceramic AC	C1846	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1207	VCE9GA1HW475M	J	4.7 50V	EL. (N.P) AB	C1847	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1208	VCE9GA1HW475M	J	4.7 50V	EL. (N.P) AB	C1848	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1209	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1853	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1210	VCEAEA1CW106M	J	10 16V	EL. AB	C1854	VCEA0A1CW337M	J	330 16V	EL. AC
C1211	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1856	VCEA0A1CW107M	J	100 16V	EL. AC
C1212	VCCCCY1HH101J	J	100p 50V	Ceramic AA	C1857	VCEA0A1CW476M	J	47 16V	EL. AB
C1213	VCEAEA0JW476M	J	47 6.3V	EL. AB	C1858	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C1214	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	C1859	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C1215	VCCCCY1HH221J	J	220p 50V	Ceramic AA	C1860	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C1307	VCQYTA1HM183J	J	0.018 50V	Mylar AB	C1861	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C1308	VCEAEA1HW335M	J	3.3 50V	EL. AB	C1870	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1309	VCEAEA1HW335M	J	3.3 50V	EL. AB	C1871	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1311	VCQYTA1HM183J	J	0.018 50V	Mylar AB	C1872	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
C1317	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1880	VCEAEA1HW474M	J	0.47 50V	EL. AB
C1318	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1901	VCE9GA1HW105M	J	1.0 50V	EL. (N.P) AB
C1323	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1904	VCQYTA1HM103J	J	0.01 50V	Mylar AA
C1326	VCKYCY1HB472K	J	4700p 50V	Ceramic AA	C1905	VCEA0A1CW337M	J	330 16V	EL. AC
C1328	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1906	VCEAEA1HW105M	J	1.0 50V	EL. AB
C1331	VCKYCY1HB472K	J	4700p 50V	Ceramic AA	C1907	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C1332	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1908	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C1333	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1914	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
C1334	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1915	VCEAEA1CW106M	J	10 16V	EL. AB
C1337	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1940	VCCCCY1HH561J	J	560p 50V	Ceramic AB
C1350	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1941	VCEAEA1HW105M	J	1.0 50V	EL. AB
C1351	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1951	VCE9GA1CW106M	J	10 16V	EL. (N.P) AB
C1352	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1952	VCEAEA1HW105M	J	1.0 50V	EL. AB
C1353	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1953	VCEA0A1CW107M	J	100 16V	EL. AC
C1354	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1954	VCE9EA1HW105M	J	1.0 50V	EL. (N.P) AC
C1355	VCKYCY1HB681K	J	680p 50V	Ceramic AA	C1955	VCEAEA1HW474M	J	0.47 50V	EL. AB
C1356	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1956	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C1357	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1957	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
C1387	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1960	VCEA0A1EW107M	J	100 25V	EL. AC
C1388	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1961	VCEA0A1CW337M	J	330 16V	EL. AC
C1398	VCEAEA1HW105M	J	1.0 50V	EL. AB	C1962	VCCCCY1HH101J	J	100p 50V	Ceramic AA
					C2501	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
					C2502	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
					C2503	VCKYCY1CB104K	J	0.1 16V	Ceramic AB
					C2504	VCKYCY1CB104K	J	0.1 16V	Ceramic AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01									
SIGNAL UNIT (Continued)									
C2505	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C5838	VCEAEA1CW106M	J	10 16V EL.	AB
C2506	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C5839	VCEAEA1CW106M	J	10 16V EL.	AB
C2507	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C5840	VCEA0A1CW107M	J	100 16V EL.	AC
C2508	VCEA0A1CW476M	J	47 16V EL.	AB	C5849	VCEA0A1CW227M	J	220 16V EL.	AC
C3107	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C5850	VCEA0A1CW476M	J	47 16V EL.	AB
C3151	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C5851	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3152	VCCCCY1HH270J	J	27p 50V Ceramic	AA	C5852	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3153	VCCCCY1HH180J	J	18p 50V Ceramic	AA	C5853	VCEA0A1CW476M	J	47 16V EL.	AB
C3154	VCCCCY1HH561J	J	560p 50V Ceramic	AB	C5854	VCEA0A1CW107M	J	100 16V EL.	AC
C3155	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C5855	VCEA0A1CW476M	J	47 16V EL.	AB
C3156	VCKYCY1CB683K	J	0.068 16V Ceramic	AC	C5856	VCEAEA0JW476M	J	47 6.3V EL.	AB
C3157	VCKYCY1HB682K	J	6800p 50V Ceramic	AA	C5861	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3158	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C5862	VCEAEA1CW106M	J	10 16V EL.	AB
C3159	VCEA0A0JW107M	J	100 6.3V EL.	AB	C5863	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3202	VCEA0A0JW337M	J	330 6.3V EL.	AC	C5864	VCEA0A1EW106M	J	10 25V EL.	AB
C3204	VCCCCY1HH680J	J	68p 50V Ceramic	AA	C7201	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3205	VCEAEA0JW476M	J	47 6.3V EL.	AB	C7206	VCEAEA1CW106M	J	10 16V EL.	AB
C3206	VCEA0A1EW476M	J	47 25V EL.	AB	C7212	VCEA0A1CW476M	J	47 16V EL.	AB
C3207	VCEA0A0JW108M	J	1000 6.3V EL.	AC	C7214	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3208	VCCCCY1HH221J	J	220p 50V Ceramic	AA	C7225	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3209	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C7226	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3211	VCEAEA1CW106M	J	10 16V EL.	AB	C7227	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3212	VCKYCY1HB472K	J	4700p 50V Ceramic	AA	C7228	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3215	VCEA0A1EW476M	J	47 25V EL.	AB	C7229	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3216	VCCCCY1HH220J	J	22p 50V Ceramic	AA	C7240	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3217	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	C7242	VCCCCY1HH680J	J	68p 50V Ceramic	AA
C3219	VCEAEA1CW106M	J	10 16V EL.	AB	C7254	VCEAEA1HW105M	J	1.0 50V EL.	AB
C3220	VCCCPA1HH100D	J	10p 50V Ceramic	AA	C7255	VCEAEA1CW106M	J	10 16V EL.	AB
C3230	VCEAEA1CW106M	J	10 16V EL.	AB	C7280	VCFYSA1HB224J	J	0.22 50V Mylar	AB
C3231	VCEAEA1CW106M	J	10 16V EL.	AB	C7281	VCEAEA1CW106M	J	10 16V EL.	AB
C3290	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C7282	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3291	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C7290	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C3294	VCCCCY1HH220J	J	22p 50V Ceramic	AA	C7301	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3901	VCE9GA1CW106M	J	10 16V EL. (N.P)	AB	C7302	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3902	VCE9GA1CW106M	J	10 16V EL. (N.P)	AB	C7303	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3903	VCKYCY1HB821K	J	820p 50V Ceramic	AA	C7304	VCCCCY1HH680J	J	68p 50V Ceramic	AA
C3904	VCKYCY1HB821K	J	820p 50V Ceramic	AA	C7308	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C3905	VCEAEA1CW106M	J	10 16V EL.	AB	C7310	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3906	VCEA0A0JW107M	J	100 6.3V EL.	AB	C7320	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3907	VCEAEA1HW105M	J	1.0 50V EL.	AB	C7380	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C3908	VCEAEA1HW105M	J	1.0 50V EL.	AB	C9804	VCEA0A1CW476M	J	47 16V EL.	AB
C3909	VCKYCY1CB473K	J	0.047 16V Ceramic	AA	C9805	VCEA0A1CW476M	J	47 16V EL.	AB
C3910	VCKYCY1CB473K	J	0.047 16V Ceramic	AA	C9806	VCEA0A1CW476M	J	47 16V EL.	AB
C3911	VCEA0A1CW476M	J	47 16V EL.	AB	C9810	VCEA0A1CW226M	J	22 16V EL.	AB
C3912	VCEA0A1CW476M	J	47 16V EL.	AB	C9811	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3914	VCEA0A1EW107M	J	100 25V EL.	AC	C9812	VCEA0A1CW226M	J	22 16V EL.	AB
C3915	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C9820	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3919	VCFYSA1HB124J	J	0.12 50V Mylar	AB	C9821	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3921	VCFYSA1HB104J	J	0.1 50V Mylar	AB	C9822	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3922	VCEA0H1VW338M	J	3300 35V EL.	AG	C9864	VCEA0A1CW476M	J	47 16V EL.	AB
C3923	VCFYSA1HB124J	J	0.12 50V Mylar	AB	C9962	VCEA0A1CW476M	J	47 16V EL.	AB
C3924	VCEA0A1VW108M	J	1000 35V EL.	AD	C9963	VCEA0A1CW476M	J	47 16V EL.	AB
C3925	VCEA0A1VW108M	J	1000 35V EL.	AD	C9971	VCEAEA1HW105M	J	1.0 50V EL.	AB
C3932	VCEAEA1HW475M	J	4.7 50V EL.	AB	C9979	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3937	VCEAEA1HW225M	J	2.2 50V EL.	AB	C9985	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3939	VCEAEA1HW225M	J	2.2 50V EL.	AB	C9986	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C5301	VCEAEA1CW106M	J	10 16V EL.	AB	C9987	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C5302	VCEAEA1CW106M	J	10 16V EL.	AB	C9997	VCEA0A1CW476M	J	47 16V EL.	AB
C5303	VCEAEA1CW106M	J	10 16V EL.	AB	C9998	VCEA0A1CW476M	J	47 16V EL.	AB
C5304	VCEAEA1CW106M	J	10 16V EL.	AB	C9999	VCEA0A1CW476M	J	47 16V EL.	AB
C5305	VCEA0A1CW107M	J	100 16V EL.	AC	RESISTORS				
C5306	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	<i>[M-Ox... Metal Oxide, M-Film... Metal Film]</i>				
C5307	VCEAEA1CW106M	J	10 16V EL.	AB	R2	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
C5308	VCEAEA1CW106M	J	10 16V EL.	AB	R4	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
C5422	VCEA0A1CW107M	J	100 16V EL.	AC	R8	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
C5423	VCEA0A0JW108M	J	1000 6.3V EL.	AC	R10	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
C5801	VCEA0A0JW107M	J	100 6.3V EL.	AB	R87	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
C5834	VCEAEA1CW106M	J	10 16V EL.	AB	R88	VRS-TQ2BD000J	J	0 1/8W M-Ox.	AA
C5835	VCEAEA1CW106M	J	10 16V EL.	AB	R456	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
C5836	VCEAEA1CW106M	J	10 16V EL.	AB	R457	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
C5837	VCEAEA1CW106M	J	10 16V EL.	AB	R458	VRN-VV3AB2R7J	J	2.7 1W M-Film	AA
					R480	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
					R481	VRS-CY1JF153J	J	15k 1/16W M-Ox.	AA
					R482	VRS-TW2ED102J	J	1.0k 1/4W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01					R1217	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
SIGNAL UNIT (Continued)					R1301	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R498	VRN-SV2HC1R8J	J 1.8	1/2W M-Film	AB	R1302	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R499	VRN-SV2HC3R3J	J 3.3	1/2W M-Film	AA	R1303	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R501	VRS-CY1JF104J	J 100k	1/16W M-Ox.	AA	R1305	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R502	VRS-CY1JF154J	J 150k	1/16W M-Ox.	AA	R1306	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R503	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA	R1320	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R504	VRS-CY1JF104F	J 100k	1/16W M-Ox.	AA	R1321	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R505	VRS-CY1JF394J	J 390k	1/16W M-Ox.	AA	R1322	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R507	VRS-CY1JF104F	J 100k	1/16W M-Ox.	AA	R1323	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R508	VRS-CY1JF104J	J 100k	1/16W M-Ox.	AA	R1324	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA
R510	VRS-CY1JF683F	J 68k	1/16W M-Ox.	AA	R1327	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA
R516	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1334	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R518	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1335	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
R519	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA	R1338	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R520	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R1339	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
R521	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1341	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R522	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1350	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R523	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA	R1351	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R524	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1352	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R525	VRS-CY1JF221J	J 220	1/16W M-Ox.	AA	R1353	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R527	VRS-CY1JF272J	J 2.7k	1/16W M-Ox.	AA	R1354	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R528	VRS-CY1JF154J	J 150k	1/16W M-Ox.	AA	R1355	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R529	VRS-CY1JF104J	J 100k	1/16W M-Ox.	AA	R1356	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R531	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R1359	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R532	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA	R1360	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R533	VRS-CY1JF154F	J 150k	1/16W M-Ox.	AA	R1361	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R534	VRS-CY1JF824J	J 820k	1/16W M-Ox.	AA	R1362	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R535	VRS-CY1JF104F	J 100k	1/16W M-Ox.	AA	R1363	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R536	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1401	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
R540	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1413	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R541	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1415	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R542	VRS-CY1JF473J	J 47k	1/16W M-Ox.	AA	R1418	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R543	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1419	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R547	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA	R1420	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R548	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA	R1421	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R601	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA	R1422	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R607	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R1426	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R615	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1427	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R616	VRS-CY1JF182J	J 1.8k	1/16W M-Ox.	AA	R1429	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R617	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R1432	VRS-TV1JD750J	J 75	1/10W M-Ox.	AA
R618	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1434	VRS-TV1JD750J	J 75	1/10W M-Ox.	AA
R901	VRS-TW2ED331J	J 330	1/4W M-Ox.	AA	R1435	VRS-TV1JD750J	J 75	1/10W M-Ox.	AA
R903	VRS-CY1JF681J	J 680	1/16W M-Ox.	AA	R1438	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R904	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA	R1439	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R905	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA	R1440	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R906	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA	R1457	VRN-SV2HC2R2J	J 2.2	1/2W M-Film	AB
R907	VRS-CY1JF152J	J 1.5k	1/16W M-Ox.	AA	R1490	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R908	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA	R1491	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R910	VRS-CY1JF681J	J 680	1/16W M-Ox.	AA	R1632	VRS-TV1JD750J	J 75	1/10W M-Ox.	AA
R911	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA	R1635	VRS-TV1JD750J	J 75	1/10W M-Ox.	AA
R912	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA	R1802	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
R913	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA	R1805	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R914	VRS-CY1JF152J	J 1.5k	1/16W M-Ox.	AA	R1806	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R915	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA	R1808	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA
R916	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA	R1809	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R917	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA	R1810	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R918	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA	R1811	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA
R920	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA	R1812	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
R921	VRD-RA2BE563J	J 56k	1/8W Carbon	AA	R1814	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R922	VRD-RA2BE563J	J 56k	1/8W Carbon	AA	R1815	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1201	VRS-CY1JF182J	J 1.8k	1/16W M-Ox.	AA	R1816	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1203	VRS-CY1JF563J	J 56k	1/16W M-Ox.	AA	R1817	VRS-CY1JF393J	J 39k	1/16W M-Ox.	AA
R1205	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1818	VRS-CY1JF182J	J 1.8k	1/16W M-Ox.	AA
R1206	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA	R1819	VRS-CY1JF151J	J 150	1/16W M-Ox.	AA
R1207	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA	R1820	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1208	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1821	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1209	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA	R1822	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA
R1210	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA	R1823	VRS-CY1JF393J	J 39k	1/16W M-Ox.	AA
R1211	VRS-CY1JF182J	J 1.8k	1/16W M-Ox.	AA	R1824	VRS-CY1JF152J	J 1.5k	1/16W M-Ox.	AA
R1213	VRS-CY1JF433J	J 43k	1/16W M-Ox.	AA	R1825	VRS-CY1JF100J	J 10	1/16W M-Ox.	AA
R1215	VRS-CY1JF432J	J 4.3k	1/16W M-Ox.	AA	R1830	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1216	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R1831	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01 SIGNAL UNIT (Continued)									
R1834	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R1964	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1835	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox. AA	R1965	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1838	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA	R1969	VRS-CY1JF333J	J	33k 1/16W	M-Ox. AA
R1840	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R1970	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R1842	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R1971	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R1843	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R1972	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1844	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R1973	VRS-CY1JF561J	J	560 1/16W	M-Ox. AA
R1846	VRS-CY1JF822J	J	8.2k 1/16W	M-Ox. AA	R1974	VRS-CY1JF473J	J	47k 1/16W	M-Ox. AA
R1847	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R1975	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1848	VRS-TX2HF680J	J	68 1/2W	M-Ox. AA	R1978	VRS-CY1JF273J	J	27k 1/16W	M-Ox. AA
R1850	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R1979	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox. AA
R1853	VRS-CY1JF224J	J	220k 1/16W	M-Ox. AA	R1980	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R1855	VRS-TW2ED102J	J	1.0k 1/4W	M-Ox. AA	R1981	VRS-CY1JF823J	J	82k 1/16W	M-Ox. AA
R1856	VRS-TW2ED102J	J	1.0k 1/4W	M-Ox. AA	R1982	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1857	VRS-TW2ED102J	J	1.0k 1/4W	M-Ox. AA	R1983	VRS-CY1JF154J	J	150k 1/16W	M-Ox. AA
R1860	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA	R1984	VRS-CY1JF224J	J	220k 1/16W	M-Ox. AA
R1861	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA	R1990	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1862	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA	R1991	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1863	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R1998	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1866	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R1999	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1867	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R2501	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R1868	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R2502	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox. AA
R1869	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R2503	VRS-CY1JF182J	J	1.8k 1/16W	M-Ox. AA
R1871	VRS-CY1JF820J	J	82 1/16W	M-Ox. AA	R2504	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1872	VRS-CY1JF820J	J	82 1/16W	M-Ox. AA	R2505	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R1873	VRS-CY1JF820J	J	82 1/16W	M-Ox. AA	R2506	VRS-CY1JF183J	J	18k 1/16W	M-Ox. AA
R1874	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	R2507	VRS-CY1JF273J	J	27k 1/16W	M-Ox. AA
R1875	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	R2508	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R1876	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	R2509	VRS-CY1JF393J	J	39k 1/16W	M-Ox. AA
R1877	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R2510	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1878	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R2709	VRS-TV1JD392J	J	3.9k 1/10W	M-Ox. AA
R1881	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R2710	VRS-TV1JD681J	J	680 1/10W	M-Ox. AA
R1885	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3130	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1891	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3131	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1893	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3132	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1895	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3150	VRS-CY1JF474J	J	470k 1/16W	M-Ox. AA
R1901	VRS-CY1JF473J	J	47k 1/16W	M-Ox. AA	R3151	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1902	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3152	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
R1903	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3153	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1904	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3154	RR-SZ0080CEZZ	J	22M 1/8W	M-Ox. AA
R1905	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3155	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1907	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3156	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
R1908	VRS-CY1JF563J	J	56k 1/16W	M-Ox. AA	R3157	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R1909	VRS-CY1JF123J	J	12k 1/16W	M-Ox. AA	R3158	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R1910	VRS-CY1JF123J	J	12k 1/16W	M-Ox. AA	R3159	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1911	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA	R3160	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R1912	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA	R3161	VRD-RA2BE102J	J	1.0k 1/8W	Carbon AA
R1913	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3179	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1914	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3199	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1915	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3200	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R1916	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3201	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R1926	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3202	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1927	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3203	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1928	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3206	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA
R1940	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3207	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1941	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox. AA	R3208	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1942	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R3210	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA
R1943	VRS-CY1JF152J	J	1.5k 1/16W	M-Ox. AA	R3211	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA
R1944	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R3212	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA
R1945	VRS-CY1JF273J	J	27k 1/16W	M-Ox. AA	R3213	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1951	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3214	VRS-CY1JF333J	J	33k 1/16W	M-Ox. AA
R1952	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3215	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R1953	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	R3216	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
R1954	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3217	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R1955	VRS-TW2ED681J	J	680 1/4W	M-Ox. AA	R3219	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R1956	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3220	VRS-CY1JF184J	J	180k 1/16W	M-Ox. AA
R1957	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3221	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R1958	VRS-CY1JF152J	J	1.5k 1/16W	M-Ox. AA	R3225	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R1959	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA	R3228	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R1960	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA	R3229	VRS-CY1JF563J	J	56k 1/16W	M-Ox. AA
R1962	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	▲ R3230	VRS-CY1JF563J	J	56k 1/16W	M-Ox. AA
					R3232	VRS-CY1JF393J	J	39k 1/16W	M-Ox. AA
					R3235	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
					R3236	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
					R3237	VRS-CY1JF273J	J	27k 1/16W	M-Ox. AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01					SIGNAL UNIT (Continued)				
R3238	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R5821	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3239	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA	R5822	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3240	VRS-CY1JF334J	J	330k 1/16W M-Ox.	AA	R5823	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3241	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5824	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3242	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5850	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R3245	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA	R5851	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3246	VRS-TX2HF6R8J	J	6.8 1/2W M-Ox.	AA	R5853	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3248	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA	R5854	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3259	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA	R5855	VRN-VV3AB2R2J	J	2.2 1W M-Film	AA
R3260	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA	R5856	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3261	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA	R5857	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3263	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R5858	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R3264	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA	R5859	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3265	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R5860	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3266	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5861	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R3267	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5866	VRN-SV2HC2R2J	J	2.2 1/2W M-Film	AB
R3271	VRS-CY1JF273J	J	27k 1/16W M-Ox.	AA	R5911	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3272	VRS-CY1JF683J	J	68k 1/16W M-Ox.	AA	R5918	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3273	VRS-CY1JF393J	J	39k 1/16W M-Ox.	AA	R5919	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3279	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5920	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3280	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA	R5920	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA
R3296	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5921	VRS-SV2HC180J	J	18 1/2W M-Ox.	AA
R3297	VRS-TX2HF390J	J	39 1/2W M-Ox.	AA	R5924	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R3298	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5925	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R3901	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R5926	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3902	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA	R5927	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R3903	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA	R5928	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R3904	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R5929	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3906	VRD-RA2BE223J	J	22k 1/8W Carbon	AA	R5930	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R3907	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA	R5931	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3913	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5932	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R3919	VRS-TW2ED2R2J	J	2.2 1/4W M-Ox.	AB	R5946	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3921	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA	R5960	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3923	VRS-TW2ED2R2J	J	2.2 1/4W M-Ox.	AB	R5961	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R3929	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5962	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3930	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5963	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R3931	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5964	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R3932	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5965	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
R3933	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5991	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R3937	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA	R6550	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R3938	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA	R6551	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R3939	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA	R6552	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R3940	VRS-CY1JF221J	J	220 1/16W M-Ox.	AA	R6553	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R3941	VRN-VV3ABR47J	J	0.47 1W M-Film	AA	R6554	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5301	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R6555	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5302	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R6555	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5303	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R6555	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5304	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R6555	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5305	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R6555	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5306	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R7201	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5307	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7202	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R5308	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7203	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R5309	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7204	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R5310	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7205	VRS-CY1JF181J	J	180 1/16W M-Ox.	AA
R5311	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7207	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5312	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7208	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R5401	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R7209	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5404	VRN-SV2HC3R3J	J	3.3 1/2W M-Film	AA	R7210	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R5801	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA	R7225	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5808	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7226	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5809	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7227	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5810	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7228	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5812	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7229	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5813	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R7235	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R5814	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7246	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5815	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7247	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5816	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7251	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R5817	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7254	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R5818	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R7281	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R5819	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R7282	VRS-CY1JF123J	J	12k 1/16W M-Ox.	AA
R5820	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R7283	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
					R7290	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
					R7291	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
					R7292	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
					R7293	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
					R7301	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
					R7302	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
					R7303	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
					R7304	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
					R7321	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTKA096DE01									
SIGNAL UNIT (Continued)									
R7330	VRS-CY1JF561J	J	560 1/16W	M-Ox. AA	P3921	QPLGN0841CEZZ	J	Plug, 8-pin (SH)	AB
R7333	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	P5805	QPLGN1041CEZZ	J	Plug, 10-pin (RE)	AC
R7377	VRS-CY1JF221J	J	220 1/16W	M-Ox. AA	P9801	QPLGN0678GEZZ	J	Plug, 6-pin (RD)	AB
R7378	VRS-CY1JF105J	J	1.0M 1/16W	M-Ox. AA	SC1401	QSOCZ3041CEZZ	J	Socket, 30-pin (JA)	AF
R7381	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	SC1402	QSOCZ4041CEZZ	J	Socket, 40-pin (JB)	AG
R7382	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	SC3101	QSOCN1495REZZ	J	Socket, 14-pin (RB)	AC
R7385	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	SC3201	QSOCN0473FJZZ	J	Socket, 40-pin (MA)	AH
R9800	VRS-CY1JF221J	J	220 1/16W	M-Ox. AA	SC3202	QSOCN0473FJZZ	J	Socket, 40-pin (MB)	AH
R9801	VRS-CY1JF221J	J	220 1/16W	M-Ox. AA	SC3203	QSOCN0264FJ00	J	Socket, 15-pin (YC)	AH
R9802	VRS-CY1JF221J	J	220 1/16W	M-Ox. AA	SC3204	QSOCN0695REZZ	J	Socket, 6-pin (RA)	AB
R9814	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	SC3206	QSOCN1295REZZ	J	Socket, 12-pin (RC)	AC
R9815	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	SC5501	QSOCZ1541CEZZ	J	Socket, 15-pin (ZA)	AD
R9816	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	SC5502	QSOCZ1541CEZZ	J	Socket, 15-pin (ZB)	AD
R9817	VRS-CY1JF470J	J	47 1/16W	M-Ox. AA	SC5801	QSOCN1585CEZZ	J	Socket, 15-pin (IO)	AD
R9818	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	SC5901	QSOCN1585CEZZ	J	Socket, 15-pin (IP)	AD
R9819	VRS-TV1JD151J	J	150 1/10W	M-Ox. AA	SC6001	QSOCZ4041CEZZ	J	Socket, 40-pin (YA)	AG
R9820	VRS-CY1JF470J	J	47 1/16W	M-Ox. AA	RDA452	PRDAR5195CEFW	J	Heat Sink, for IC452	AB
R9821	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	RDA454	PRDAR5195CEFW	J	Heat Sink, for IC454	AB
R9822	VRS-TV1JD151J	J	150 1/10W	M-Ox. AA	RDA3901	PRDAR3084CEFW	J	Heat Sink, for IC3901	AK
R9823	VRS-CY1JF470J	J	47 1/16W	M-Ox. AA	TP1801	QLUGP0111GEFW	J	Lug	AA
R9824	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	TP1805	QTiPM0083CEZZ	J	Tip (XG)	AB
R9825	VRS-TV1JD151J	J	150 1/10W	M-Ox. AA	TP1806	QTiPM0083CEZZ	J	Tip (XG)	AB
R9826	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	W1	LHLDW3010GEZZ	J	Holder	AA
R9827	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	W2	LHLDW3010GEZZ	J	Holder	AA
R9840	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	W3	LHLDW3010GEZZ	J	Holder	AA
R9841	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	W4	LHLDW3010GEZZ	J	Holder	AA
R9842	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	W5	LHLDW3010GEZZ	J	Holder	AA
R9868	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	W6	LHLDW3010GEZZ	J	Holder	AA
R9869	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	QCNW-5524CEZZ	J	Connecting Cord	AD	
R9870	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA	QCNW-5533CEZZ	J	Connecting Cord	AF	
R9962	VRS-TV1JD750J	J	75 1/10W	M-Ox. AA	QCNW-5568CEZZ	J	Connecting Cord	AM	
R9963	VRS-TV1JD750J	J	75 1/10W	M-Ox. AA	QCNW-5654CEZZ	J	Connecting Cord	AE	
R9964	VRS-TV1JD750J	J	75 1/10W	M-Ox. AA	LCHSM0339CEK0	J	Chassis Frame	AM	
R9971	VRS-TV1JD750J	J	75 1/10W	M-Ox. AA	LHLDW0046PEZZ	J	Holder	AC	
R9979	VRS-TV1JD750J	J	75 1/10W	M-Ox. AA	LHLDW1046CEZZ	J	Holder	AA	
R9980	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	LX-BZ3100CEFD	J	Screw	AA	
R9981	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA	XTASD30P12000	J	Screw	AA	
R9982	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA					
R9983	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA					
R9984	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA					
R9985	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA					
R9986	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA					
R9987	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA					
R9988	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA					
R9989	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA					
R9990	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA					
R9992	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA					
R9993	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA					
R9994	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA					
R9995	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA					
R9996	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA					
MISCELLANEOUS PARTS									
FB1800	RBLN-0065CEZZ	J	Ferrite Bead	AB					
FB5850	RBLN-0065CEZZ	J	Ferrite Bead	AB					
FB5851	RBLN-0065CEZZ	J	Ferrite Bead	AB					
FB5852	RBLN-0065CEZZ	J	Ferrite Bead	AB					
FB7201	RBLN-0061TAZZ	J	Ferrite Bead	AD					
FB7202	RBLN-0061TAZZ	J	Ferrite Bead	AD					
FB7203	RBLN-0061TAZZ	J	Ferrite Bead	AD					
J1401	QTANJ1232CEZZ	J	Terminal, A/V IN1-4	AL					
J1402	QTANJ0438CEZZ	J	Terminal, Audio IN5/OUT	AH					
J1511	QSOCN0440CEZZ	J	Socket, S-Video IN1,3	AH					
P411	QPLGZ1393GEZZ	J	Plug, 13-pin (SC)	AE					
P412	QPLGZ1040CEZZ	J	Plug, 10-pin (LA)	AE					
P413	QPLGZ1040CEZZ	J	Plug, 10-pin (LB)	AE					
P1401	QPLGN0641CEZZ	J	Plug, 6-pin (I)	AB					
P1801	QPLGN0878GEZZ	J	Plug, 8-pin (CJ)	AC					
P1802	QPLGN0541CEZZ	J	Plug, 5-pin (PA)	AB					
P2501	QPLGN0241CEZZ	J	Plug, 2-pin (ZC)	AA					

Ref. No.	Part No.	★	Description	Code
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PWB-B: DUNTKA100DE01 CRT UNIT

INTEGRATED CIRCUITS

IC850	VHiTDA6120Q-1	J	TDA6120Q/N2	AU
IC851	VHiTDA6120Q-1	J	TDA6120Q/N2	AU
IC852	VHiTDA6120Q-1	J	TDA6120Q/N2	AU

TRANSISTORS

Q851	VS2SA1246//1E	J	2SA1246	AE
Q852	VS2SC4636//1E	J	2SC4636	AM
Q854	VS2SC3928AR-1	J	2SC3928AR	AB
Q5405	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q5406	VS2SA1266-Y-1	J	2SA1266(Y)	AA
Q5407	VS2SA1837//1	J	2SA1837	AF
Q5408	VS2SC4793//1	J	2SC4793	AF

DIODES

D851	VHD1SS119//1	J	Diode	AB
D852	RH-EX0222CEZZ	J	Zener Diode	AB
D853	VHD1SS355//1	J	Diode	AB
D854	VHD1SS355//1	J	Diode	AB
D855	VHD1SS355//1	J	Diode	AB
D861	RH-DX0220CEZZ	J	Diode	AB
D862	RH-DX0220CEZZ	J	Diode	AB
D863	RH-DX0220CEZZ	J	Diode	AB
D864	VHD1SS355//1	J	Diode	AB
D865	RH-DX0220CEZZ	J	Diode	AB
D866	RH-DX0220CEZZ	J	Diode	AB
D5403	VHD1SS119//1	J	Diode	AB
D5404	RH-DX0487CEZZ	J	Diode	AC
D5405	RH-DX0487CEZZ	J	Diode	AC
D5410	VHD1SS119//1	J	Diode	AB

COILS

L860	VP-MK1R0K0000	J	Peaking 1µH	AB
L861	VP-MK1R0K0000	J	Peaking 1µH	AB
L862	VP-MK1R0K0000	J	Peaking 1µH	AB
L863	RCiLP0227CEZZ	J	Coil	AE

CONTROL

R871	RVR-B5784CEZZ	J	20M Focus Adj.	AH
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CAPACITORS

[EL. ... Electrolytic]

C850	VCEA0A1CW337M	J	330 16V EL.	AC
C853	VCEA0A1CW108M	J	1000 16V EL.	AD
C855	VCFYAA2EA104J	J	0.1 250V Mylar	AD
C856	VCFYAA2EA104J	J	0.1 250V Mylar	AD
C857	VCFYAA2EA104J	J	0.1 250V Mylar	AD
C861	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA
C862	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA
C863	VCEAEA1CW106M	J	10 16V EL.	AB
C864	VCCCTV1HH221J	J	220p 50V Ceramic	AA
C865	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA
C866	VCCCTV1HH221J	J	220p 50V Ceramic	AA
C867	VCCCTV1HH221J	J	220p 50V Ceramic	AA
C868	VCEA0A2EW476M	J	47 250V EL.	AE
C869	RC-KZ018JCEZZ	J	0.01 3kV Ceramic	AC
C871	VCKYTV1EB104K	J	0.1 25V Ceramic	AB
C874	VCKYTV1EB104K	J	0.1 25V Ceramic	AB
C877	VCKYTV1EB104K	J	0.1 25V Ceramic	AB
C881	VCCCTV1HH270J	J	27p 50V Ceramic	AA
C882	RC-KZ1033CEZZ	J	0.033 250V Ceramic	AD
C883	VCCCTV1HH270J	J	27p 50V Ceramic	AA
C885	VCCCTV1HH270J	J	27p 50V Ceramic	AA
C887	VCEA0A1CW227M	J	220 16V EL.	AC
C888	RC-KZ1033CEZZ	J	0.033 250V Ceramic	AD
C890	RC-KZ1033CEZZ	J	0.033 250V Ceramic	AD
C5405	VCEA0A1EW476M	J	47 25V EL.	AB
C5407	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C5408	VCKYPA2HB472K	J	4700p 500V Ceramic	AB
C5409	VCKYPA1HB472K	J	4700p 50V Ceramic	AA
C5410	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
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C5411	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C5412	VCEA0A1CW476M	J	47 16V EL.	AB
C5413	VCEA0A1CW476M	J	47 16V EL.	AB
C5414	VCEA0A2CW106M	J	10 160V EL.	AD
C5415	VCEA0A2AW106M	J	10 100V EL.	AC
C5417	VCCSPA2HL560K	J	56p 500V Ceramic	AA

RESISTORS

[M-Ox. ... Metal Oxide]

R850	VRS-TV1JD681J	J	680 1/10W M-Ox.	AA
R851	VRS-TV1JD681J	J	680 1/10W M-Ox.	AA
R852	VRS-TV1JD681J	J	680 1/10W M-Ox.	AA
R853	VRD-RA2BE223J	J	22k 1/8W Carbon	AA
R854	VRD-RA2BE183J	J	18k 1/8W Carbon	AA
R855	VRD-RA2BE223J	J	22k 1/8W Carbon	AA
R856	VRC-MA2HG224J	J	220k 1/2W Solid	AA
R859	VRD-RA2BE101J	J	100 1/8W Carbon	AB
R861	VRS-TV1JD152J	J	1.5k 1/10W M-Ox.	AA
R862	VRS-TV1JD222J	J	2.2k 1/10W M-Ox.	AA
R863	VRS-TV1JD101J	J	100 1/10W M-Ox.	AA
R864	VRS-TV1JD101J	J	100 1/10W M-Ox.	AA
R865	VRS-TV1JD332J	J	3.3k 1/10W M-Ox.	AA
R866	VRS-TV1JD101J	J	100 1/10W M-Ox.	AA
R867	VRS-TV1JD101J	J	100 1/10W M-Ox.	AA
R868	VRS-TV1JD101J	J	100 1/10W M-Ox.	AA
R869	VRS-TV1JD101J	J	100 1/10W M-Ox.	AA
R872	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R874	VRS-TV1JD153J	J	15k 1/10W M-Ox.	AA
R875	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R876	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA
R877	VRS-TV1JD681J	J	680 1/10W M-Ox.	AA
R878	VRS-TV1JD681J	J	680 1/10W M-Ox.	AA
R879	VRS-TV1JD681J	J	680 1/10W M-Ox.	AA
R880	VRS-KA3HG223J	J	22k 5W M-Ox.	AD
R881	VRS-TV1JD153J	J	15k 1/10W M-Ox.	AA
R883	VRS-KA3HG223J	J	22k 5W M-Ox.	AD
R884	VRS-KA3HG223J	J	22k 5W M-Ox.	AD
R885	VRS-TV1JD153J	J	15k 1/10W M-Ox.	AA
R886	VRS-TV1JD153J	J	15k 1/10W M-Ox.	AA
R887	VRD-RA2BE470J	J	47 1/8W Carbon	AA
R888	VRC-MA2HG221K	J	220 1/2W Solid	AA
R889	VRD-RA2BE470J	J	47 1/8W Carbon	AA
R890	VRS-TV1JD223J	J	22k 1/10W M-Ox.	AA
R891	VRC-MA2HG221K	J	220 1/2W Solid	AA
R892	VRD-RA2BE470J	J	47 1/8W Carbon	AA
R893	VRC-MA2HG224J	J	220k 1/2W Solid	AA
R894	VRC-MA2HG221K	J	220 1/2W Solid	AA
R895	VRS-TV1JD472J	J	4.7k 1/10W M-Ox.	AA
R896	VRS-TV1JD152J	J	1.5k 1/10W M-Ox.	AA
R5412	VRD-RA2BE100J	J	10 1/8W Carbon	AA
R5413	VRD-RA2BE820J	J	82 1/8W Carbon	AA
R5414	VRD-RA2BE820J	J	82 1/8W Carbon	AA
R5415	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA
R5416	VRD-RA2BE683J	J	68k 1/8W Carbon	AA
R5417	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
R5418	VRD-RA2BE683J	J	68k 1/8W Carbon	AA
R5419	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA
R5420	VRD-RA2EE560J	J	56 1/4W Carbon	AA
R5421	VRD-RA2EE560J	J	56 1/4W Carbon	AA
R5422	VRD-RA2EE2R7J	J	2.7 1/4W Carbon	AA
R5423	VRD-RA2EE2R7J	J	2.7 1/4W Carbon	AA
R5424	VRS-VV3DB221J	J	220 2W M-Ox.	AA
△ R5425	VRS-VV3DB471J	J	470 2W M-Ox.	AA
R5427	VRS-TX2HF391J	J	390 1/2W M-Ox.	AA
R5428	VRS-TX2HF000J	J	0 1/2W M-Ox.	AA
R5430	VRD-RA2BE100J	J	10 1/8W Carbon	AA
△ R5431	VRS-SV2HC120J	J	12 1/2W M-Ox.	AA

MISCELLANEOUS PARTS

FB850	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB851	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB852	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB861	RBLN-0037CEZZ	J	Ferrite Bead	AB
P853	QTIpM0083CEZZ	J	Tip (CE)	AB
P855	QTIpM0083CEZZ	J	Tip (K856)	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-B: DUNTKA100DE01					PWB-C: DUNTKA140DE01				
CRT UNIT (Continued)					POWER UNIT				
INTEGRATED CIRCUITS									
P857	QTI0083CEZZ	J	Tip (K857)	AB	IC550	VHiLA7841//-1	J	LA7841	AM
P861	QPLGN0878GEZZ	J	Plug, 8-pin (CJ)	AC	IC601	VHiR9358//-1	J	IR9358	AD
P862	QPLGN0741CEZZ	J	Plug, 7-pin (N)	AC	▲△ IC701	VHiSTRF66291E	J	STRF6629B	AT
P5401	QPLGN0241CEZZ	J	Plug, 2-pin (PU)	AA	△ IC702	RH-FX0008GEZZ	J	PC123FY8	AE
SC861	QSOCV1011CEZZ	J	CRT Socket	AF	△ IC741	VHiSE130N//-1	J	SE130N	AF
RDA850	PRDAR3230CEFW	J	Heat Sink, for IC850	AK	IC770	VHiPQ1CG2031E	J	PQ1CG2032RZ	AK
RDA851	PRDAR3230CEFW	J	Heat Sink, for IC851	AK	IC1550	VHiR9358//-1	J	IR9358	AD
RDA852	PRDAR3230CEFW	J	Heat Sink, for IC852	AK	TRANSISTORS				
RDA5401	PRDAR1326CEFW	J	Heat Sink, for Q5407	AE	Q601	VS2SD1830//1E	J	2SD1830	AF
RDA5402	PRDAR1326CEFW	J	Heat Sink, for Q5408	AE	Q602	VS2SA1246//1E	J	2SA1246	AE
△ SG860	QSPGC0015CEZZ	J	Spark Gap	AB	Q612	VS2SC3198-Y-1	J	2SC3198(Y)	AA
△ SG861	QSPGC0015CEZZ	J	Spark Gap	AB	Q613	VS2SC3198-Y-1	J	2SC3198(Y)	AA
△ SG862	QSPGC0015CEZZ	J	Spark Gap	AB	Q639	VS2SC3198-Y-1	J	2SC3198(Y)	AA
△ SG863	QSPGC0015CEZZ	J	Spark Gap	AB	Q650	VS2SC4636//1E	J	2SC4636	AM
TP47	QLUGP0111GEFW	J	Lug, Test Point	AA	Q672	VSRDN080N251E	J	RDN080N25	AF
	QCNW-5569CEZZ	J	Connecting Cord	AN	△ Q673	VS2SC5612++1E	J	2SC5612	AX
	QCNW-5570CEZZ	J	Connecting Cord	AF	△ Q680	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	QCNW-5573CEZZ	J	Connecting Cord	AE	Q683	VS2SC3198-G-1	J	2SC3198(G)	AA
	LHLDW1142CEZZ	J	Holder	AB	Q684	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	LHLDW1187CEKZ	J	Holder	AB	Q694	VSRDN080N251E	J	RDN080N25	AF
	LX-BZ0086TAFD	J	Screw	AA	△ Q750	VS2SA1376-K-1	J	2SA1376(K)	AC
	LX-BZ3100CEFD	J	Screw	AA	Q781	VS2SA1266-Y-1	J	2SA1266(Y)	AA
					Q782	VS2SC3198-Y-1	J	2SC3198(Y)	AA
					Q1552	VS2SA1275Y-1	J	2SA1275Y	AC
					Q1553	VS2SC3228Y-1	J	2SC3228Y	AC
					DIODES				
					D551	RH-DX0295CEZZ	J	Diode	AD
					D560	RH-EX0437GEZZ	J	Zener Diode, 3V	AB
					D581	VHD1SS119//-1	J	Diode	AB
					D582	RH-EX0365GEZZ	J	Zener Diode, 4.8V	AA
					D583	RH-EX0654CEZZ	J	Zener Diode, 75V	AD
					D613	VHD1SS119//-1	J	Diode	AB
					D615	RH-DX0302CEZZ	J	Diode	AC
					D623	VHD1SS119//-1	J	Diode	AB
					D624	VHD1SS119//-1	J	Diode	AB
					△ D630	RH-DX0302CEZZ	J	Diode	AC
					△ D631	RH-DX0229CEZZ	J	Diode	AF
					D632	RH-DX0295CEZZ	J	Diode	AD
					D633	VHD1SS119//-1	J	Diode	AB
					D636	VHD1SS119//-1	J	Diode	AB
					D637	VHD1SS119//-1	J	Diode	AB
					D640	RH-DX0511CEZZ	J	Diode	AE
					D641	RH-EX0393GEZZ	J	Zener Diode, 9V	AB
					▲△ D642	RH-DX0518CEZZ	J	Diode	AL
					D643	VHD1SS119//-1	J	Diode	AB
					D644	VHD1SS119//-1	J	Diode	AB
					△ D646	RH-DX0452CEZZ	J	Diode	AH
					D648	RH-DX0511CEZZ	J	Diode	AE
					△ D651	RH-DX0302CEZZ	J	Diode	AC
					D682	RH-DX0226CEZZ	J	Diode	AC
					D701	RH-EX0366GEZZ	J	Zener Diode, 4.7V	AA
					D702	RH-EX0207CEZZ	J	Zener Diode, 30V	AA
					△ D703	RH-DX0504CEZZ	J	Diode	AH
					D704	RH-DX0066GEZZ	J	Diode	AB
					D705	RH-DX0321CEZZ	J	Diode	AC
					D706	VHD1SS244//-1	J	Diode	AB
					D707	VHD1SS244//-1	J	Diode	AB
					▲△ D730	RH-DX0487CEZZ	J	Diode	AC
					▲△ D731	RH-EX1402CEZZ	J	Zener Diode, 6V	AB
					▲△ D732	RH-EX1402CEZZ	J	Zener Diode, 6V	AB
					△ D752	RH-DX0515CEZZ	J	Diode	AF
					△ D753	RH-DX0398CEZZ	J	Diode	AG
					△ D754	RH-DX0436CEZZ	J	Diode	AG
					△ D756	RH-DX0452CEZZ	J	Diode	AH
					D757	RH-DX0295CEZZ	J	Diode	AD
					D761	RH-EX0207CEZZ	J	Zener Diode, 30V	AA
					D762	RH-DX0492CEZZ	J	Diode	AE
					D763	RH-DX0492CEZZ	J	Diode	AE

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code		
PWB-C: DUNTKA140DE01											
POWER UNIT (Continued)											
△	R633	VRN-GA2EB1R0J	J 1.0 1/4W	M-Film	AA	R742	VRD-RA2HD470J	J 47 1/2W	Carbon	AA	
△	R634	VRN-VV3ABR22J	J 0.22 1W	M-Film	AA	R743	VRD-RA2EE102J	J 1.0k 1/4W	Carbon	AA	
	R635	VRN-SV2HCR22J	J 0.22 1/2W	M-Film	AB	R752	VRD-RA2HD823J	J 82k 1/2W	Carbon	AA	
	R637	VRD-RA2BE103J	J 10k 1/8W	Carbon	AA	△	R753	VRN-VV3ABR10J	J 0.1 1W	M-Film	AB
	R638	VRD-RA2BE104J	J 100k 1/8W	Carbon	AA	R754	VRN-VV3ABR10J	J 0.1 1W	M-Film	AB	
	R640	VRS-SV2HC180J	J 18 1/2W	M-Ox.	AA	R756	VRS-SV2HC102J	J 1.0k 1/2W	M-Ox.	AA	
	R641	VRD-RA2BE102J	J 1.0k 1/8W	Carbon	AA	R757	VRS-SV2HC101J	J 100 1/2W	M-Ox.	AA	
	R642	VRD-RA2BE683J	J 68k 1/8W	Carbon	AA	R758	VRD-RA2EE102J	J 1.0k 1/4W	Carbon	AA	
	R643	VRD-RA2BE223J	J 22k 1/8W	Carbon	AA	R759	VRN-SV2HCR22J	J 0.22 1/2W	M-Film	AB	
	R644	VRD-RA2BE104J	J 100k 1/8W	Carbon	AA	R760	VRD-RA2BE183J	J 18k 1/8W	Carbon	AA	
	R645	VRD-RA2BE274J	J 270k 1/8W	Carbon	AA	R761	VRD-RA2BE183J	J 18k 1/8W	Carbon	AA	
△	R646	VRS-VV3DB272J	J 2.7k 2W	M-Ox.	AA	R770	VRS-SV2HC392J	J 3.9k 1/2W	M-Ox.	AA	
	R647	VRD-RA2BE473J	J 47k 1/8W	Carbon	AA	R771	VRS-SV2HC100J	J 10 1/2W	M-Ox.	AA	
	R648	VRD-RA2BE823J	J 82k 1/8W	Carbon	AA	R772	VRN-RA2BK102F	J 1.0k 1/8W	M-Film	AB	
	R649	VRD-RA2BE822J	J 8.2k 1/8W	Carbon	AA	R773	VRN-RA2BK472F	J 4.7k 1/8W	M-Film	AA	
	R650	VRS-VV3LB683J	J 68k 3.0W	M-Ox.	AC	R774	VRD-RA2BE102J	J 1.0k 1/8W	Carbon	AA	
△	R651	VRN-VV3AB5R6J	J 5.6 1W	M-Film	AA	△	R775	VRN-SV2HCR56J	J 0.56 1/2W	M-Film	AA
	R652	VRS-VV3AB181J	J 180 1W	M-Ox.	AA	R780	VRD-RA2BE122J	J 1.2k 1/8W	Carbon	AA	
	R653	VRD-RA2BE332J	J 3.3k 1/8W	Carbon	AA	R781	VRD-RA2BE102J	J 1.0k 1/8W	Carbon	AA	
	R654	VRS-VV3LB823J	J 82k 3.0W	M-Ox.	AC	R782	VRD-RA2BE563J	J 56k 1/8W	Carbon	AA	
	R655	VRD-RA2BE102J	J 1.0k 1/8W	Carbon	AA	R783	VRS-SV2HC221J	J 220 1/2W	M-Ox.	AA	
	R656	VRD-RA2BE103J	J 10k 1/8W	Carbon	AA	△	R784	VRD-RA2EE122G	J 1.2k 1/4W	Carbon	AA
	R658	VRD-RA2HD103J	J 10k 1/2W	Carbon	AA	R785	VRD-RA2BE182J	J 1.8k 1/8W	Carbon	AA	
△	R659	VRN-VV3DB5R6J	J 5.6 2W	M-Film	AA	R786	VRD-RA2BE183J	J 18k 1/8W	Carbon	AA	
	R660	VRD-RA2BE223J	J 22k 1/8W	Carbon	AA	R787	VRD-RA2BE102J	J 1.0k 1/8W	Carbon	AA	
	R661	VRD-RA2BE103J	J 10k 1/8W	Carbon	AA	R788	VRD-RA2EE224J	J 220k 1/4W	Carbon	AA	
	R662	VRD-RA2BE224J	J 220k 1/8W	Carbon	AA	R1551	VRS-SV2HC150J	J 15 1/2W	M-Ox.	AA	
△	R663	VRS-KA3HG681J	J 680 5W	M-Ox.	AD	R1556	VRD-RA2BE332J	J 3.3k 1/8W	Carbon	AA	
	R664	VRD-RA2BE823J	J 82k 1/8W	Carbon	AA	R1557	VRD-RA2BE562J	J 5.6k 1/8W	Carbon	AA	
	R667	VRD-RA2BE394J	J 390k 1/8W	Carbon	AA	R1558	VRD-RA2BE223J	J 22k 1/8W	Carbon	AA	
	R668	VRC-MA2HG333K	J 33k 1/2W	Solid	AA	R1559	VRD-RA2BE101J	J 100 1/8W	Carbon	AB	
	R671	VRD-RA2HD150J	J 15 1/2W	Carbon	AA	R1560	VRS-VV3DB560J	J 56 2W	M-Ox.	AA	
	R674	VRS-KA3HG681J	J 680 5W	M-Ox.	AD	R1575	VRS-VV3DB560J	J 56 2W	M-Ox.	AA	
	R675	VRS-KA3HG681J	J 680 5W	M-Ox.	AD	MISCELLANEOUS PARTS					
	R676	VRS-VV3DB272J	J 2.7k 2W	M-Ox.	AA	RY640	RRLYZ0072CEZZ	J Relay		AH	
	R677	VRD-RA2BE100J	J 10 1/8W	Carbon	AA	RY642	RRLYZ0072CEZZ	J Relay		AH	
	R678	VRD-RA2HD8R2J	J 8.2 1/2W	Carbon	AA	FB610	RBLN-0020CEZZ	J Ferrite Bead		AB	
△	R679	VRS-VV3LB272J	J 2.7k 3.0W	M-Ox.	AB	FB650	RBLN-0020CEZZ	J Ferrite Bead		AB	
	R681	VRD-RA2BE392J	J 3.9k 1/8W	Carbon	AA	FB671	RBLN-0047CEZZ	J Ferrite Bead		AB	
	R683	VRD-RA2BE563J	J 56k 1/8W	Carbon	AA	FB672	RBLN-0047CEZZ	J Ferrite Bead		AB	
	R684	VRD-RA2BE563J	J 56k 1/8W	Carbon	AA	FB701	RBLN-0036CEZZ	J Ferrite Bead		AB	
	R685	VRS-VV3LB104J	J 100k 3.0W	M-Ox.	AB	FB702	RBLN-0047CEZZ	J Ferrite Bead		AB	
	R686	VRD-RA2BE471J	J 470 1/8W	Carbon	AA	FB703	RBLN-0036CEZZ	J Ferrite Bead		AB	
	R687	VRD-RA2BE103J	J 10k 1/8W	Carbon	AA	FB752	RBLN-0020CEZZ	J Ferrite Bead		AB	
	R688	VRD-RA2HD332J	J 3.3k 1/2W	Carbon	AA	FB754	RBLN-0037CEZZ	J Ferrite Bead		AB	
	R689	VRD-RA2BE223J	J 22k 1/8W	Carbon	AA	FB755	RBLN-0036CEZZ	J Ferrite Bead		AB	
	R690	VRD-RA2BE563J	J 56k 1/8W	Carbon	AA	FB756	RBLN-0036CEZZ	J Ferrite Bead		AB	
	R691	VRD-RA2BE562J	J 5.6k 1/8W	Carbon	AA	P601	QPLGN0160FJZZ	J Plug, 5-pin (K)		AD	
	R692	VRD-RA2BE562J	J 5.6k 1/8W	Carbon	AA	P610	QPLGN0441CEZZ	J Plug, 4-pin (GB)		AB	
	R694	VRD-RA2EE101J	J 100 1/4W	Carbon	AA	P651	QPLGN0361CEZZ	J Plug, 3-pin (TP651-3)		AB	
	R700	VRD-RA2EE562J	J 5.6k 1/4W	Carbon	AA	P702	QPLGN0269GEZZ	J Plug, 2-pin (EA)		AB	
△	R701	VRN-VV3DBR10J	J 0.1 2W	M-Film	AB	P751	QPLGN0741CEZZ	J Plug, 7-pin (N)		AC	
△	R702	VRN-VV3DBR10J	J 0.1 2W	M-Film	AB	P1551	QPLGN0341CEZZ	J Plug, 3-pin (GS)		AA	
△	R703	VRS-SV2HC681J	J 680 1/2W	M-Ox.	AA	SC751	QSOCZ1394GEZZ	J Socket, 13-pin (SC)		AD	
△	R704	VRS-VV3DB183J	J 18k 2W	M-Ox.	AA	SC752	QSOCZ1040CEZZ	J Socket, 10-pin (LB)		AD	
	R705	VRN-GA2EB1R0J	J 1.0 1/4W	M-Film	AA	SC753	QSOCZ1040CEZZ	J Socket, 10-pin (LA)		AD	
	R706	VRD-RA2HD154J	J 150k 1/2W	Carbon	AA	RDA550	PRDAR0280PEFW	J Heat Sink, for IC550		AF	
	R707	VRD-RA2EE102J	J 1.0k 1/4W	Carbon	AA	RDA601	PRDAR0277PEFW	J Heat Sink, for Q601		AF	
△	R708	VRD-KT3LB333J	J 33k 3.0W	M-Ox.	AC	RDA642	PRDAR5203CEFW	J Heat Sink, for D642		AF	
	R709	VRD-RA2EE122J	J 1.2k 1/4W	Carbon	AA	RDA646	PRDAR3231CEFW	J Heat Sink, for D646		AE	
	R710	VRD-RA2EE272J	J 2.7k 1/4W	Carbon	AA	RDA650	PRDAR5043CEFW	J Heat Sink, for Q650		AB	
	R711	VRS-SV2HC100J	J 10 1/2W	M-Ox.	AA	RDA673	PRDAR1560CEFW	J Heat Sink, for Q673		AS	
△	R721	VRS-KT3LB101J	J 100 3.0W	M-Ox.	AC	RDA701	PRDAR0273PEFW	J Heat Sink, for IC701		AK	
	R725	VRD-RA2HD182J	J 1.8k 1/2W	Carbon	AA	RDA703	PRDAR1555CEFW	J Heat Sink, for D703		AF	
	R727	VRD-RA2HD122J	J 1.2k 1/2W	Carbon	AA	RDA753	PRDAR1326CEFW	J Heat Sink, for D753		AE	
	R729	VRD-RA2HD182J	J 1.8k 1/2W	Carbon	AA	RDA754	PRDAR1326CEFW	J Heat Sink, for D754		AE	
△	R730	VRN-GA2EB1R0J	J 1.0 1/4W	M-Film	AA	RDA756	PRDAR5195CEFW	J Heat Sink, for D756		AB	
△	R731	VRD-RA2EE562G	J 5.6k 1/4W	Carbon	AA	RDA770	PRDAR1557CEFW	J Heat Sink, for IC770		AE	
△	R732	VRD-RA2EE332G	J 3.3k 1/4W	Carbon	AB	△	SG681	QSPGH0025CEZZ	J Spark Gap		AC
△	R733	VRD-RA2HD392J	J 3.9k 1/2W	Carbon	AA	△	SG682	QSPGH0025CEZZ	J Spark Gap		AC
	R741	VRD-RA2BE182J	J 1.8k 1/8W	Carbon	AA		QCNW-5571CEZZ	J Connecting Cord		AE	
							LHLDZ0133PEZZ	J Holder		AC	
							LCHSM0322CEKZ	J Chassis Frame		AL	
							LHLDW1003GEZZ	J Holder		AA	

Ref. No.	Part No.	★	Description	Code
PWB-C: DUNTKA140DE01				
POWER UNIT (Continued)				

LHLDW1142CEZZ	J	Holder	AB
LX-BZ0086TAFD	J	Screw	AA
LX-BZ3049GEFD	J	Screw	AA
LX-BZ3100CEFD	J	Screw	AA
LX-TZ3004CEFD	J	Screw	AA
XTASD30P10000	J	Screw	AA

Ref. No.	Part No.	★	Description	Code
PWB-D: DUNTKA116DE01				
AC FILTER UNIT				

TRANSISTOR

Q3770	VS2SC3198-Y-1	J	2SC3198(Y)	AA
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DIODES

D3770	RH-EX0408GEZZ	J	Zener Diode, 12V	AB
D3771	RH-DX0502CEZZ	J	Diode	AE
D3775	RH-EX0408GEZZ	J	Zener Diode, 12V	AB
D3776	RH-EX0422GEZZ	J	Zener Diode, 17V	AA

PACKAGED CIRCUITS

△ PR3701	RMPTP0072CEZZ	J	Packaged Circuit	AH
△ PR3702	RMPTP0092CEZZ	J	Packaged Circuit	AH

COILS

△ L3701	RCiLF0314CEZZ	J	Line Filter	AL
△ L3702	RCiLF0314CEZZ	J	Line Filter	AL
△ L3703	RCiLF0314CEZZ	J	Line Filter	AL

TRANSFORMER

△ T3702	RTRNP0552CEZZ	J	Power Transformer	AM
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CAPACITORS*[EL... Electrolytic]*

△ C3712	RC-KZ0084GEZZ	J	150p AC250V Ceramic	AC
△ C3713	RC-KZ0084GEZZ	J	150p AC250V Ceramic	AC
C3771	VCEA0A1EW108M	J	1000 25V Electrolytic	AD
C3772	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA

RESISTORS*[M-Ox... Metal Oxide]*

△ R3713	VRS-VV3LB101J	J	100 3.0W Metal Oxide	AB
R3776	VRD-RA2BE103J	J	10k 1/8W Carbon	AA
R3777	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
R3778	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
△ R3779	VRW-KQ41A1R0K	J	1.0 15W Cement	AE

MISCELLANEOUS PARTS

△ RY3701	RRLYJ0093CEZZ	J	Relay	AG
△ RY3702	RRLYJ0079CEZZ	J	Relay	AH
P3701	QPLGN0304CEZZ	J	Plug, 3-pin(CA)	AB
P3702	QPLGN0269GEZZ	J	Plug, 2-pin(EA)	AB
P3703	QPLGN0404CEZZ	J	Plug, 4-pin(M)	AB
P3756	QPLGN0541CEZZ	J	Plug, 5-pin(PA)	AB
P3761	QTiPM0017CEFM	J	Tip(AG)	AA
	QCNW-5528CEZZ	J	Connecting Cord	AG
	QCNW-5566CEZZ	J	Connecting Cord	AK
	QCNW-5567CEZZ	J	Connecting Cord	AE
	QCNW-5628CEZZ	J	Connecting Cord	AF
	LCHSM0326CEN1	J	Chassis Frame	AK
	LHLDW1046CEZZ	J	Holder	AA
	LX-TZ3004CEFD	J	Screw	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-E: DUNTKA097DE01									
TUNER UNIT									
TUNER									
NOTE: THE PARTS HERES SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.									
△ TU51	VTUATEDH9-800	J	VHF Tuner	AY	L252	VPACK220J0000	J	Peaking 22μH	AB
△ TU52	VTUATEDH9-205	J	VHF Tuner	AX	L254	VPACK150J0000	J	Peaking 15μH	AB
INTEGRATED CIRCUITS									
IC201	VHiLA7567BM-1	J	LA7567BM-TRM	AK	L255	RCiLi0633CEZZ	J	VCO Coil	AD
IC251	VHiLA7567BM-1	J	LA7567BM-TRM	AK	L257	VP-OF1R0K0000	J	Peaking 1μH	AD
IC301	VHiCXA2064M-1	J	CXA2064M	AR	L4801	VPACK560J0000	J	Peaking 56μH	AB
IC302	VHiMM1111XF1E	J	MM1111XFBE	AE	L4802	VPACK560J0000	J	Peaking 56μH	AB
IC3301	VHiM62393FP-1	J	M62393FP	AK	CONTROLS				
IC3310	VHiCXA1352A-1	J	CXA1352AS	AM	R219	RVR-M4334CEZZ	J	10k, AGC Level	AC
IC3311	VHiBA15218F-1	J	BA15218F	AD	R233	RVR-M4332CEZZ	J	4.7k, Sub Video Level	AC
IC3312	VHiBA15218F-1	J	BA15218F	AD	R269	RVR-M4334CEZZ	J	10k, AGC Level	AC
IC3801	VHiQS7785CF-1	J	QS7785CF	AV	R283	RVR-M4332CEZZ	J	4.7k, Sub Video Level	AC
IC3802	VHiBA15218F-1	J	BA15218F	AD	R301	RVR-M4334CEZZ	J	10k, Separation	AC
IC3803	VHiAN5285K/-1	J	AN5285K	AP	R313	RVR-M4332CEZZ	J	4.7k, Separation	AC
IC4801	RH-iX3045CEZZ	J	TA1270AF	AT	R329	RVR-M4332CEZZ	J	4.7k, Main Audio Level	AC
IC4802	VHiTA1287F+-1	J	TA1287F (EL)	AN	R331	RVR-M4332CEZZ	J	4.7k, Sub Audio Level	AC
TRANSISTORS					CAPACITORS				
Q201	VS2SC2735//1E	J	2SC2735	AC	<i>[EL.... Electrolytic]</i>				
Q202	VS2SA1530AR-1	J	2SA1530AR	AB	C51	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q251	VS2SC2735//1E	J	2SC2735	AC	C52	VCEA0A0JW108M	J	1000 6.3V EL.	AC
Q252	VS2SA1530AR-1	J	2SA1530AR	AB	C53	VCEA0A0JW476M	J	47 6.3V EL.	AB
Q401	VS2SC3928AR-1	J	2SA3298AR	AB	C54	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q402	VS2SA1530AR-1	J	2SA1530AR	AB	C55	VCEA0A0JW105M	J	1.0 50V EL.	AB
Q403	VS2SA1530AR-1	J	2SA1530AR	AB	C56	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q404	VS2SC3928AR-1	J	2SA3298AR	AB	C57	VCEA0A0JW108M	J	1000 6.3V EL.	AC
Q405	VS2SC3928AR-1	J	2SA3298AR	AB	C58	VCEA0A0JW476M	J	47 6.3V EL.	AB
Q406	VS2SA1530AR-1	J	2SA1530AR	AB	C59	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q407	VS2SA1530AR-1	J	2SA1530AR	AB	C60	VCEA0A0JW105M	J	1.0 50V EL.	AB
Q408	VS2SC3928AR-1	J	2SA3298AR	AB	C61	VCEA0A0JW475M	J	4.7 50V EL.	AB
Q405	VS2SC3928AR-1	J	2SA3298AR	AB	C62	VCEA0A0JW476M	J	47 6.3V EL.	AB
Q406	VS2SA1530AR-1	J	2SA1530AR	AB	C64	VCEA0A0JW475M	J	4.7 50V EL.	AB
Q407	VS2SA1530AR-1	J	2SA1530AR	AB	C65	VCEA0A0JW475M	J	4.7 50V EL.	AB
Q408	VS2SC3928AR-1	J	2SA3298AR	AB	C201	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q4804	VS2SA1530AR-1	J	2SA1530AR	AB	C202	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q4805	VS2SC3928AR-1	J	2SA3298AR	AB	C203	VCEA0A1CW477M	J	470 16V EL.	AC
Q4806	VS2SA1530AR-1	J	2SA1530AR	AB	C204	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q4807	VS2SA1530AR-1	J	2SA1530AR	AB	C205	VCEA0A0JW105M	J	1.0 50V EL.	AB
Q4808	VS2SA1530AR-1	J	2SA1530AR	AB	C206	VCEA0A0JW107M	J	100 6.3V EL.	AB
Q4809	VS2SA1530AR-1	J	2SA1530AR	AB	C207	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q4851	VS2SC3928AR-1	J	2SA3298AR	AB	C208	VCCCCY1HH220J	J	22p 50V Ceramic	AA
Q4870	VS2SC3928AR-1	J	2SA3298AR	AB	C210	VCFYSA1HB474J	J	0.47 50V Mylar	AC
Q4871	VS2SC3928AR-1	J	2SA3298AR	AB	C211	RC-CZ0016CEZZ	J	24p 50V Ceramic	AE
DIODES					C212	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
D51	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB	C213	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
D53	RH-EX1250CEZZ	J	Zener Diode, 6.2V	AB	C214	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
D301	RH-EX1246CEZZ	J	Zener Diode, 5.6V	AB	C215	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
D4801	VHDHSU119//1	J	Diode	AB	C216	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
PACKAGED CIRCUIT					C217	VCEA0A1CW477M	J	470 16V EL.	AC
X4801	RCRSB0205CEZZ	J	Crystal	AF	C230	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
FILTERS					C251	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
CF201	RFiLC0403CEZZ	J	Ceramic Filter	AE	C252	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
CF202	RFiLC0013CEZZ	J	Ceramic Filter	AE	C253	VCEA0A1CW477M	J	470 16V EL.	AC
CF251	RFiLC0403CEZZ	J	Ceramic Filter	AE	C255	VCEA0A0JW105M	J	1.0 50V EL.	AB
CF252	RFiLC0013CEZZ	J	Ceramic Filter	AE	C256	VCEA0A0JW107M	J	100 6.3V EL.	AB
CF4802	RFiLA0034CEZZ	J	Ceramic Filter	AD	C257	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
SF201	RFiLC0443CEZZ	J	SAW Filter	AK	C258	VCCCCY1HH220J	J	22p 50V Ceramic	AA
SF251	RFiLC0443CEZZ	J	SAW Filter	AK	C260	VCFYSA1HB474J	J	0.47 50V Mylar	AC
COILS					C261	RC-CZ0016CEZZ	J	24p 50V Ceramic	AE
L51	VPACK100J0000	J	Peaking 10μH	AB	C262	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
L52	VPACK100J0000	J	Peaking 10μH	AB	C263	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
L201	VP-OFR39M0000	J	Peaking 0.39μH	AD	C264	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
L202	VPACK220J0000	J	Peaking 22μH	AB	C265	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
L204	VPACK150J0000	J	Peaking 15μH	AB	C266	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
L205	RCiLi0633CEZZ	J	VCO Coil	AD	C267	VCEA0A1CW477M	J	470 16V EL.	AC
L207	VP-OF1R0K0000	J	Peaking 1μH	AD	C301	VCE9GA1HW475M	J	4.7 50V EL. (N.P)	AB
L251	VP-OFR39M0000	J	Peaking 0.39μH	AD	C302	VCEA0A1CW475M	J	4.7 50V EL.	AB
					C303	VCEA0A1CW337M	J	330 16V EL.	AC
					C304	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
					C305	VCEA0A1HW475M	J	4.7 50V EL.	AB
					C306	VCEA0A1HW475M	J	4.7 50V EL.	AB
					C307	VCEA0A1CW106M	J	10 16V EL.	AB
					C308	VCEA0A1HW105M	J	1.0 50V EL.	AB
					C309	VCKYCY1HB562K	J	5600p 50V Ceramic	AA
					C310	VCKYCY1EB123K	J	0.012 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
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PWB-E: DUNTKA097DE01 TUNER UNIT (Continued)

C311	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C312	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C313	VCEAEA1HW105M	J	1.0 50V	EL.	AB
C314	VCEAEA1CW106M	J	10 16V	EL.	AB
C315	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C316	VCEAEA1HW335M	J	3.3 50V	EL.	AB
C317	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C318	VCKYCY1CB473K	J	0.047 16V	Ceramic	AA
C319	VCKYCY1HB272K	J	2700p 50V	Ceramic	AA
C325	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB
C326	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB
C327	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C401	VCKYCY1CB473K	J	0.047 16V	Ceramic	AA
C402	VCEAEA1HW105M	J	1.0 50V	EL.	AB
C403	VCKYCY1HB472K	J	4700p 50V	Ceramic	AA
C404	VCKYCY1CB473K	J	0.047 16V	Ceramic	AA
C405	VCEAEA1HW105M	J	1.0 50V	EL.	AB
C406	VCKYCY1HB472K	J	4700p 50V	Ceramic	AA
C410	VCEA0A1CW476M	J	47 16V	EL.	AB
C3304	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C3305	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3308	VCEA0A1CW476M	J	47 16V	EL.	AB
C3310	VCEA0A1CW476M	J	47 16V	EL.	AB
C3311	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3312	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3313	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3314	VCEA0A1CW476M	J	47 16V	EL.	AB
C3315	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3316	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3317	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3319	VCKYCY1EB223K	J	0.022 25V	Ceramic	AA
C3321	VCKYCY1EB223K	J	0.022 25V	Ceramic	AA
C3322	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3323	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3324	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3325	VCEA0A1CW226M	J	22 16V	EL.	AB
C3326	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3327	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3328	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3329	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C3330	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C3331	VCEAEA1CW106M	J	10 16V	EL.	AB
C3332	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3333	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3334	VCKYTV1CB334K	J	0.33 16V	Ceramic	AC
C3335	VCKYTV1CB334K	J	0.33 16V	Ceramic	AC
C3336	VCKYTV1CB224K	J	0.22 16V	Ceramic	AB
C3337	VCKYTV1CB224K	J	0.22 16V	Ceramic	AB
C3370	VCKYCY1EB223K	J	0.022 25V	Ceramic	AA
C3371	VCKYCY1EB223K	J	0.022 25V	Ceramic	AA
C3372	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C3373	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C3374	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3801	VCKYTV1CB224K	J	0.22 16V	Ceramic	AB
C3802	VCKYTV1CB224K	J	0.22 16V	Ceramic	AB
C3803	VCKYTV1CB224K	J	0.22 16V	Ceramic	AB
C3804	VCKYCY1EB223K	J	0.022 25V	Ceramic	AA
C3805	VCKYCY1HB272K	J	2700p 50V	Ceramic	AA
C3806	VCKYCY1CB823K	J	0.082 16V	Ceramic	AH
C3807	VCKYCY1HB123K	J	0.012 50V	Ceramic	AB
C3808	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C3809	VCKYCY1HB822K	J	8200p 50V	Ceramic	AB
C3810	VCKYCY1HB822K	J	8200p 50V	Ceramic	AB
C3811	VCKYCY1HB822K	J	8200p 50V	Ceramic	AB
C3812	VCKYCY1HB822K	J	8200p 50V	Ceramic	AB
C3813	VCEAEA1CW106M	J	10 16V	EL.	AB
C3814	VCEAEA1CW106M	J	10 16V	EL.	AB
C3815	VCEAEA1CW106M	J	10 16V	EL.	AB
C3816	VCKYCY1HB272K	J	2700p 50V	Ceramic	AA
C3817	VCKYCY1CB823K	J	0.082 16V	Ceramic	AH
C3818	VCKYCY1HB822K	J	8200p 50V	Ceramic	AB

Ref. No.	Part No.	★	Description	Code	
C3819	VCKYCY1HB822K	J	8200p 50V	Ceramic	AB
C3820	VCKYCY1HB332K	J	3300p 50V	Ceramic	AA
C3821	VCKYCY1HB332K	J	3300p 50V	Ceramic	AA
C3822	VCEAEA1CW106M	J	10 16V	EL.	AB
C3823	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3824	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3825	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3826	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3827	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3840	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3841	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3851	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C3852	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C3853	VCEAEA1HW475M	J	4.7 50V	EL.	AB
C3854	VCEAEA1CW106M	J	10 16V	EL.	AB
C3855	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3856	VCEAEA1CW106M	J	10 16V	EL.	AB
C3857	VCEAEA1CW106M	J	10 16V	EL.	AB
C3858	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C3859	VCE9GA1HW475M	J	4.7 50V	EL. (N.P)	AB
C4804	VCEA0A1CW477M	J	470 16V	EL.	AC
C4805	VCEA0A1CW107M	J	100 16V	EL.	AC
C4806	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C4807	VCFYSA1HB104J	J	0.1 50V	Mylar	AB
C4808	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C4811	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C4818	VCEA0A1CW476M	J	47 16V	EL.	AB
C4820	VCCCCY1HH120J	J	12p 50V	Ceramic	AA
C4821	VCEAEA1HW224M	J	0.22 50V	EL.	AB
C4822	VCKYCY1HB222K	J	2200p 50V	Ceramic	AA
C4823	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C4824	VCEAEA1HW225M	J	2.2 50V	EL.	AB
C4825	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4826	VCEAEA1HW225M	J	2.2 50V	EL.	AB
C4827	VCKYCY1EB223K	J	0.022 25V	Ceramic	AA
C4832	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C4840	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C4841	VCEA0A1CW476M	J	47 16V	EL.	AB
C4851	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4852	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4853	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4854	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4855	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4856	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C4857	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C4858	VCEA0A1CW476M	J	47 16V	EL.	AB
C4870	VCEA0A1CW476M	J	47 16V	EL.	AB
C4872	VCEAEA1CW106M	J	10 16V	EL.	AB
C9004	VCEA0A0JW108M	J	1000 6.3V	EL.	AC

RESISTORS

[M-Ox. ... Metal Oxide]

R51	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R52	VRS-CY1JF104J	J	100k 1/16W	M-Ox.	AA
R54	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R55	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R57	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R59	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R60	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R61	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R63	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R201	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R202	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox.	AA
R203	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA
R204	VRS-CY1JF270J	J	27 1/16W	M-Ox.	AA
R205	VRS-CY1JF391J	J	390 1/16W	M-Ox.	AA
R206	VRS-CY1JF331J	J	330 1/16W	M-Ox.	AA
R207	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R208	VRS-CY1JF821J	J	820 1/16W	M-Ox.	AA
R209	VRS-CY1JF182J	J	1.8k 1/16W	M-Ox.	AA
R210	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R211	VRS-CY1JF331J	J	330 1/16W	M-Ox.	AA
R212	VRS-CY1JF271J	J	270 1/16W	M-Ox.	AA
R213	VRS-CY1JF561J	J	560 1/16W	M-Ox.	AA
R214	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-E: DUNTKA097DE01									
TUNER UNIT (Continued)									
R215	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA	R427	VRS-CY1JF684J	J	680k 1/16W	M-Ox. AA
R216	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA	R428	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox. AA
R217	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R429	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA
R218	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R430	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R220	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R431	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R221	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R441	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R222	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R442	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R223	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA	R445	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R224	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R446	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R226	VRS-TW2ED151J	J	150 1/4W	M-Ox. AA	R3302	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R234	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox. AA	R3303	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R251	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3304	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R252	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox. AA	R3308	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R253	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox. AA	R3309	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R254	VRS-CY1JF270J	J	27 1/16W	M-Ox. AA	R3310	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R255	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA	R3311	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R256	VRS-CY1JF331J	J	330 1/16W	M-Ox. AA	R3314	VRS-CY1JF183J	J	18k 1/16W	M-Ox. AA
R257	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R3315	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox. AA
R258	VRS-CY1JF821J	J	820 1/16W	M-Ox. AA	R3316	VRS-CY1JF393J	J	39k 1/16W	M-Ox. AA
R259	VRS-CY1JF182J	J	1.8k 1/16W	M-Ox. AA	R3317	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R260	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3318	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R261	VRS-CY1JF331J	J	330 1/16W	M-Ox. AA	R3319	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R262	VRS-CY1JF271J	J	270 1/16W	M-Ox. AA	R3320	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA
R263	VRS-CY1JF561J	J	560 1/16W	M-Ox. AA	R3321	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
R264	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3322	VRS-CY1JF183J	J	18k 1/16W	M-Ox. AA
R265	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA	R3323	VRS-CY1JF393J	J	39k 1/16W	M-Ox. AA
R266	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA	R3324	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox. AA
R267	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R3325	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R268	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3326	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R270	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R3327	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R271	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3328	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R272	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3333	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R273	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA	R3334	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R274	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3335	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R276	VRS-TW2ED151J	J	150 1/4W	M-Ox. AA	R3336	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R281	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA	R3337	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R284	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox. AA	R3338	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R302	VRS-CY1JF683J	J	68k 1/16W	M-Ox. AA	R3339	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R303	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3340	VRS-CY1JF123J	J	12k 1/16W	M-Ox. AA
R304	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R3341	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R305	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R3342	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R306	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R3343	VRS-CY1JF123J	J	12k 1/16W	M-Ox. AA
R307	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA	R3344	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R308	VRS-CY1JF105J	J	1.0M 1/16W	M-Ox. AA	R3345	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
R309	VRS-CY1JF104J	J	100k 1/16W	M-Ox. AA	R3346	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
R310	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3372	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R311	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3373	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R312	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox. AA	R3374	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R314	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox. AA	R3375	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R325	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3801	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R326	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3802	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R327	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3803	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R328	VRS-TV1JD681J	J	680 1/10W	M-Ox. AA	R3804	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R330	VRS-TV1JD681J	J	680 1/10W	M-Ox. AA	R3805	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
R401	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3806	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
R402	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3807	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA
R403	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3808	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R404	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3809	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R405	VRS-CY1JF151J	J	150 1/16W	M-Ox. AA	R3810	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA
R406	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox. AA	R3811	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA
R407	VRS-CY1JF684J	J	680k 1/16W	M-Ox. AA	R3812	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R408	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox. AA	R3813	VRS-CY1JF822J	J	8.2k 1/16W	M-Ox. AA
R409	VRS-CY1JF223J	J	22k 1/16W	M-Ox. AA	R3814	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R410	VRS-CY1JF153J	J	15k 1/16W	M-Ox. AA	R3815	VRS-CY1JF822J	J	8.2k 1/16W	M-Ox. AA
R411	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA	R3816	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R421	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA	R3851	VRS-CY1JF225J	J	2.2M 1/16W	M-Ox. AA
R422	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3852	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
R423	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R3853	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox. AA
R424	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA	R4802	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
R425	VRS-CY1JF151J	J	150 1/16W	M-Ox. AA	R4803	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
R426	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox. AA	R4813	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox. AA
					R4814	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
					R4815	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
					R4816	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
					R4817	VRS-CY1JF333J	J	33k 1/16W	M-Ox. AA

Ref. No. Part No. ★ Description Code

**PWB-E: DUNTKA097DE01
TUNER UNIT (Continued)**

R4818	VRS-CY1JF823J	J	82k	1/16W	M-Ox.	AA
R4820	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R4821	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4826	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4827	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4828	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4829	VRS-CY1JF303J	J	30k	1/16W	M-Ox.	AA
R4830	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R4832	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R4833	VRS-CY1JF302J	J	3.0k	1/16W	M-Ox.	AA
R4834	VRS-CY1JF361J	J	360	1/16W	M-Ox.	AA
R4835	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R4836	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4837	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4839	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R4841	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R4843	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R4851	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R4852	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R4853	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R4854	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4855	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R4856	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R4857	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R4858	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R4859	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R4861	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4862	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4863	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4864	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4865	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R4867	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4868	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4869	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R4870	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R4871	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R4872	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R4873	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R4874	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R4875	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R4876	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

FB51	RBLN-0065CEZZ	J	Ferrite Bead			AB
FB52	RBLN-0065CEZZ	J	Ferrite Bead			AB
P51	QPLGN0207CEZZ	J	Plug, 2-pin (TP15, 150)			AA
P201	QPLGZ3041CEZZ	J	Plug, 30-pin (JA)			AF
P202	QPLGZ4041CEZZ	J	Plug, 40-pin (JB)			AG
P9001	QTiPM0083CEZZ	J	Tip (AG)			AB
P9003	QTiPM0083CEZZ	J	Tip (G)			AB
P9005	QTiPM0083CEZZ	J	Tip (TG)			AB
TP301	QLUGP0111GEFW	J	Lug			AA
TP302	QLUGP0111GEFW	J	Lug			AA
TP303	QLUGP0111GEFW	J	Lug			AA
TP401	QLUGP0111GEFW	J	Lug			AA
TP402	QLUGP0111GEFW	J	Lug			AA

Ref. No. Part No. ★ Description Code

**PWB-F: DUNTKA098WEK0
CONTROL UNIT****TRANSISTORS**

Q171	VS2SA1275Y/-1	J	2SA1275Y			AC
Q172	VS2SC3198-Y-1	J	2SC3198(Y)			AA
Q173	VS2SA1275Y/-1	J	2SA1275Y			AC
Q174	VS2SC3198-Y-1	J	2SC3198(Y)			AA
Q181	VS2SA1275Y/-1	J	2SA1275Y			AC
Q182	VS2SC3198-Y-1	J	2SC3198(Y)			AA
Q183	VS2SA1275Y/-1	J	2SA1275Y			AC
Q184	VS2SC3198-Y-1	J	2SC3198(Y)			AA

DIODES

D121	RH-PX0412CEZZ	J	LED, POWER			AE
D122	RH-PX0300CEZZ	J	LED, HDTV(Green)			AB
D124	RH-PX0301CEZZ	J	LED, VIEW TIMER(Red)			AB
△ VA701	RH-VX0048CEZZ	J	Varistor			AE
	or					
	RH-VX0035CEZZ					

CAPACITORS

[EL... Electrolytic]

C101	VCEA0A0JW107M	J	100	6.3V	EL.	AB
C152	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C153	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C171	VCEA0A1HW106M	J	10	50V	EL.	AB
C181	VCEA0A1HW106M	J	10	50V	EL.	AB
△ C700	RC-FZ017SCEZZ	J	0.22	AC125V	Plastic	AD
	or					
	RC-FZ0025PEZZ					

RESISTORS

[M-Ox... Metal Oxide]

R110	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R111	VRD-RA2BE561J	J	560	1/8W	Carbon	AA
R151	VRD-RA2BE562J	J	5.6k	1/8W	Carbon	AA
R152	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R153	VRD-RA2BE153J	J	15k	1/8W	Carbon	AA
R154	VRD-RA2BE333J	J	33k	1/8W	Carbon	AA
R155	VRD-RA2BE823J	J	82k	1/8W	Carbon	AA
R159	VRD-RA2BE274J	J	270k	1/8W	Carbon	AA
R160	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R161	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R162	VRD-RA2BE750J	J	75	1/8W	Carbon	AA
R163	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R164	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R172	VRS-VV3LB681J	J	680	3.0W	M-Ox.	AB
R173	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R174	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R175	VRS-VV3LB681J	J	680	3.0W	M-Ox.	AB
R177	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R178	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R179	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R180	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R181	VRS-SV2HC681J	J	680	1/2W	M-Ox.	AA
R182	VRS-VV3LB221J	J	220	3.0W	M-Ox.	AB
R183	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R184	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R185	VRS-VV3LB221J	J	220	3.0W	M-Ox.	AB
R186	VRS-SV2HC681J	J	680	1/2W	M-Ox.	AA
R187	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R188	VRD-RA2BE104J	J	100k	1/8W	Carbon	AA
R189	VRD-RA2HD392J	J	3.9k	1/2W	Carbon	AA
R190	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R193	VRD-RA2BE272J	J	2.7k	1/8W	Carbon	AA
△ R722	VRC-UB2HG395K	J	3.9M	1/2W	Solid	AC
	or					
	RR-HZ0048CEZZ					
	or					
	RR-DZ0049CEZZ					

SWITCHES

S151	QSW-K0091GEZZ	J	Switch, MENU			AC
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Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code	
PWB-F: DUNTKA098WEK0					PWB-H: DUNTKA162DE01					
CONTROL UNIT (Continued)					YUV SW UNIT					
S152	QSW-K0091GEZZ	J	Switch, INPUT	AC	INTEGRATED CIRCUITS					
S153	QSW-K0091GEZZ	J	Switch, CH-DOWN	AC	IC4401	VHiM52055FP-1	J	M52055FP	AH	
S154	QSW-K0091GEZZ	J	Switch, CH-UP	AC	IC4402	VHiTK15420/-1	J	TK15420MTL	AG	
S155	QSW-K0091GEZZ	J	Switch, VOL-DOWN	AC	IC4403	VHiTK15420/-1	J	TK15420MTL	AG	
S156	QSW-K0091GEZZ	J	Switch, VOL-UP	AC	IC5805	VHiTK15420/-1	J	TK15420MTL	AG	
S157	QSW-K0091GEZZ	J	Switch, DG	AC	IC6203	VHiM52055FP-1	J	M52055FP	AH	
△ S701	QSW-P0617CEZZ	J	Switch, AC/DC	AM	TRANSISTORS					
MISCELLANEOUS PARTS					Q4401	VS2SA1530AR-1	J	2SA1530AR	AB	
△ F701	QFS-A5023CEZZ	J	Fuse, 5A-125V	AE	Q4402	VS2SC3928AR-1	J	2SC3928AR	AB	
FB170	RBLN-0020CEZZ	J	Ferrite Bead	AB	Q4403	VS2SA1530AR-1	J	2SA1530AR	AB	
FB171	RBLN-0020CEZZ	J	Ferrite Bead	AB	Q4404	VS2SC3928AR-1	J	2SC3928AR	AB	
FB173	RBLN-0020CEZZ	J	Ferrite Bead	AB	Q4405	VS2SA1530AR-1	J	2SA1530AR	AB	
FH701	QFSDH1009CEZZ	J	Fuse Holder	AA	Q4406	VS2SC3928AR-1	J	2SC3928AR	AB	
FH702	QFSDH1010CEZZ	J	Fuse Holder	AA	Q5805	VS2SC3928AR-1	J	2SC3928AR	AB	
J152	QJAKZ0031CEZZ	J	Jack, S-Video IN2	AH	Q5806	VS2SC3928AR-1	J	2SC3928AR	AB	
P132	QTiPM0083CEZZ	J	Tip(TG)	AB	Q5807	VS2SC3928AR-1	J	2SC3928AR	AB	
P170	QPLGN0441CEZZ	J	Plug, 4-pin(EW)	AB	Q5808	VS2SC3928AR-1	J	2SC3928AR	AB	
P171	QPLGN0241CEZZ	J	Plug, 2-pin(NS)	AA	FILTERS					
P172	QPLGN0441CEZZ	J	Plug, 4-pin(GB)	AB	FL4401	RFiLC0331CEZZ	J	Filter	AL	
P701	QPLGN0269GEZZ	J	Plug, 2-pin(P)	AB	FL4402	RFiLC0331CEZZ	J	Filter	AL	
P703	QPLGN0304CEZZ	J	Plug, 3-pin(CA)	AB	FL4403	RFiLC0331CEZZ	J	Filter	AL	
SC101	QSOCN1495REZZ	J	Socket, 14-pin(RB)	AC	CAPACITORS					
SC121	QSOCN0695REZZ	J	Socket, 6-pin(RA)	AB	<i>[EL... Electrolytic]</i>					
SC152	QSOCN1295REZZ	J	Socket, 12-pin(RC)	AC	C4401	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
RMC101	RRMCU0227CEZZ	J	R/C Receiver	AK	C4402	VCEA0A1CW476M	J	47 16V	EL.	AB
QCNW-5387CEZZ	J	Connecting Cord	AD	C4403	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA	
QCNW-5388CEZZ	J	Connecting Cord	AD	C4404	VCEA0A1CW476M	J	47 16V	EL.	AB	
QCNW-5396CEZZ	J	Connecting Cord	AD	C4410	VCEA0A1CW107M	J	100 16V	EL.	AC	
QCNW-5629CEZZ	J	Connecting Cord	AF	C4411	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB	
QCNW-5630CEZZ	J	Connecting Cord	AH	C4412	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB	
QCNW-5656CEZZ	J	Connecting Cord	AF	C4413	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB	
LHLDP1301CEZZ	J	Holder	AD	C4414	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB	
LHLDW1047CEUZ	J	Holder	AA	C4415	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB	
PWB-G: DUNTKA099DE01					C4416	VCE9GA1CW106M	J	10 16V	EL. (N.P)	AB
TERMINAL UNIT					C4417	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
RESISTORS					C4420	VCEAEA1CW106M	J	10 16V	EL.	AB
<i>[M-Ox... Metal Oxide]</i>					C4421	VCEAEA1CW106M	J	10 16V	EL.	AB
R9851	VRS-TV1JD750J	J	75 1/16W M-Ox.	AA	C4422	VCEAEA1CW106M	J	10 16V	EL.	AB
R9852	VRS-TV1JD750J	J	75 1/16W M-Ox.	AA	C5842	VCCCCY1HH120J	J	12p 50V	Ceramic	AA
R9853	VRS-TV1JD750J	J	75 1/16W M-Ox.	AA	C5843	VCEAEA1CW106M	J	10 16V	EL.	AB
R9854	VRD-RA2BE750J	J	75 1/8W Carbon	AA	C5844	VCEAEA1CW106M	J	10 16V	EL.	AB
R9855	VRD-RA2BE750J	J	75 1/8W Carbon	AA	C5845	VCEAEA1CW106M	J	10 16V	EL.	AB
R9856	VRD-RA2BE750J	J	75 1/8W Carbon	AA	C5846	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
MISCELLANEOUS PARTS					C5847	VCEA0A1CW476M	J	47 16V	EL.	AB
FB9881	RBLN-0054CEZZ	J	Ferrite Bead	AB	C5866	VCCCCY1HH5R0C	J	5.0p 50V	Ceramic	AA
FB9882	RBLN-0054CEZZ	J	Ferrite Bead	AB	C5867	VCCCCY1HH5R0C	J	5.0p 50V	Ceramic	AA
FB9883	RBLN-0054CEZZ	J	Ferrite Bead	AB	C6214	VCEAEA1CW106M	J	10 16V	EL.	AB
FB9884	RBLN-0054CEZZ	J	Ferrite Bead	AB	C6231	VCEAEA1CW106M	J	10 16V	EL.	AB
FB9885	RBLN-0054CEZZ	J	Ferrite Bead	AB	C6232	VCEAEA1CW106M	J	10 16V	EL.	AB
J9881	QTANZ0431CEZZ	J	Terminal, Component IN	AS	C6233	VCEAEA1CW106M	J	10 16V	EL.	AB
P9881	QPLGN0678GEZZ	J	Plug, 6-pin (RD)	AB	C6235	VCEA0A1CW107M	J	100 16V	EL.	AC
P9882	QPLGN1041CEZZ	J	Plug, 10-pin (RE)	AC	C6236	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
QCNW-0089MEZZ	J	Connecting Cord	AH	C6237	VCEAEA1CW106M	J	10 16V	EL.	AB	
QCNW-5574CEZZ	J	Connecting Cord	AP	C6238	VCEAEA1CW106M	J	10 16V	EL.	AB	
QCNW-5575CEZZ	J	Connecting Cord	AL	RESISTORS						
QCNW-5597CEZZ	J	Connecting Cord	AN	<i>[M-Ox... Metal Oxide]</i>						
HiNDP4999CEKZ	J	Indicator	AQ	R4401	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	
HPNLH1105CEK0	J	Panel	AK	R4402	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	
LX-BZ3100CEFD	J	Screw	AA	R4403	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	
LX-NZ3047GEZZ	J	Nut	AA	R4404	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	
				R4405	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	
				R4406	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	
				R4407	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	
				R4408	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	
				R4409	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	
				R4410	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	
				R4411	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	

Ref. No.	Part No.	★	Description	Code
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PWB-H: DUNTKA162DE01
YUV SW UNIT (Continued)

R4412	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4413	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA
R4414	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4415	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA
R4416	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4417	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA
R4418	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4419	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4420	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4421	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4422	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4425	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4426	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox.	AA
R4427	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox.	AA
R4428	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4429	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4430	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox.	AA
R4431	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox.	AA
R4432	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4433	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R4434	VRS-CY1JF332J	J	3.3k 1/16W	M-Ox.	AA
R4435	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox.	AA
R4436	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R4450	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R4451	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R4452	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R4453	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R4454	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R4455	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R5802	VRS-CY1JF560J	J	56 1/16W	M-Ox.	AA
R5803	VRS-CY1JF560J	J	56 1/16W	M-Ox.	AA
R5838	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R5839	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R5840	VRS-CY1JF561J	J	560 1/16W	M-Ox.	AA
R5841	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R5842	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA
R5843	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R5875	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R5876	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R5877	VRS-CY1JF331J	J	330 1/16W	M-Ox.	AA
R5878	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R5879	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R5880	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R5881	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox.	AA
R5882	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox.	AA
R5883	VRS-CY1JF152J	J	1.5k 1/16W	M-Ox.	AA
R5884	VRS-CY1JF152J	J	1.5k 1/16W	M-Ox.	AA
R5885	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA
R5886	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA
R5899	VRS-CY1JF560J	J	56 1/16W	M-Ox.	AA
R6096	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R6097	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R6231	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6232	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA
R6233	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6234	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA
R6235	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6236	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA
R6237	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6238	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6239	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6240	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6241	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6242	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R6250	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R6251	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R6252	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

P6001	QPLGZ4041CEZZ	J	Plug, 40-pin (YA)		AG
	LHLDW1047CEUZ	J	Holder		AA

Ref. No.	Part No.	★	Description	Code
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PWB-J: DUNTKA163DE01
MICOM UNIT

INTEGRATED CIRCUITS

▲△	IC3501 RH-iX3380CEN1	J	M306V0EEFPA1		BA
	IC3502 VHM51943BS-1	J	M51943BSI		AP

DIODES

D3501	RH-EX1249CEZZ	J	Zener Diode		AB
D3502	RH-EX1249CEZZ	J	Zener Diode		AB
D3503	RH-EX1249CEZZ	J	Zener Diode		AB
D3504	RH-EX1249CEZZ	J	Zener Diode		AB

FILTER AND COIL

CF3501	RFiLA0107CEZZ	J	Ceramic Filter		AD
T3501	RCiLB0176CEZZ	J	Oscillation Coil		AE

CAPACITORS

[EL... Electrolytic]

C3501	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3502	VCCCCY1HH101J	J	100p 50V	Ceramic	AA
C3503	VCEA2A0JW108M	J	1000 6.3V	EL.	AB
C3504	VCKYCY1CB104K	J	0.1 16V	Ceramic	AB
C3505	VCCCCY1HH561J	J	560p 50V	Ceramic	AB
C3506	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3507	VCCCCY1HH221J	J	220p 50V	Ceramic	AA
C3508	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C3509	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3510	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3511	VCKYCY1CB563K	J	0.056 16V	Ceramic	AB
C3512	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C3513	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3514	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3518	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA
C3520	VCKYCY1HB103K	J	0.01 50V	Ceramic	AA

RESISTORS

[M-Ox... Metal Oxide]

R3501	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R3502	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R3503	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R3506	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA
R3507	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA
R3508	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3510	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R3511	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3512	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3513	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R3514	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3515	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3516	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3517	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3518	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3519	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3520	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R3521	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R3522	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3523	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3525	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3526	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3527	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3528	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3529	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3531	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3533	VRS-CY1JF103J	J	10k 1/16W	M-Ox.	AA
R3534	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3535	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3536	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3537	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3538	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3539	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3540	VRS-CY1JF273J	J	27k 1/16W	M-Ox.	AA
R3541	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA
R3542	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code	
PWB-J: DUNTKA163DE01					PWB-K: DUNTK9950DE02					
MICOM UNIT (Continued)					ZOOM UNIT					
					INTEGRATED CIRCUITS					
R3543	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC2201	VHiTC90A45F-1	J	TC90A45F	AM
R3544	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA	IC2202	VHiNJ2233BM-1	J	NJM2233BM	AE
R3545	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC2401	RH-iX3045CEZZ	J	TA1270AF	AT
R3546	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA	IC2414	VHiTK15420/-1	J	TK15420MTL	AG
R3547	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC2415	VHiTK15420/-1	J	TK15420MTL	AG
R3549	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC5505	VHiTK15420/-1	J	TK15420MTL	AG
R3550	VRD-RA2BE224J	J	220k 1/8W	Carbon	AA	IC5506	VHiTK15420/-1	J	TK15420MTL	AG
R3551	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC5508	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
R3553	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5509	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
R3554	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA	IC5510	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
R3555	VRS-CY1JF272J	J	2.7k 1/16W	M-Ox.	AA	IC5511	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
R3556	VRS-CY1JF683J	J	68k 1/16W	M-Ox.	AA	IC5512	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
R3557	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5513	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
R3558	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5520	VHiMMHCT32F-1	J	MM74HCT32MTCX	AD
R3559	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5550	VHiSN1G66DC-1	J	SN74AHC1G66HDCKR	AD
R3560	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5551	VHiTC7W66U/-1	J	TC7W66FU	AE
R3561	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5552	VHiSN1G66DC-1	J	SN74AHC1G66HDCKR	AD
R3562	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5553	VHiTC7W66U/-1	J	TC7W66FU	AE
R3563	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5601	VHiTLC2932i-1	J	TLC2932IPW	AQ
R3565	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5602	VHiTLC2932i-1	J	TLC2932IPW	AQ
R3566	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC5603	RH-iX3152CEZZ	J	MSM514265	AT
R3567	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA		or			
R3568	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA		RH-iX3420CEZZ			
R3569	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5604	RH-iX3152CEZZ	J	MSM514265	AT
R3570	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA		or			
R3571	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox.	AA		RH-iX3420CEZZ			
R3572	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	IC5605	RH-iX3032CEZZ	J	MA07132	BP
R3573	VRS-CY1JF333J	J	33k 1/16W	M-Ox.	AA	IC5606	VHiBA033FP/-1	J	BA033FB-E2	AG
R3574	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC5609	VHiTK15420/-1	J	TK15420MTL	AG
R3575	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	IC5610	VHiTK15420/-1	J	TK15420MTL	AG
R3576	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox.	AA	IC5616	VHiTA78L05S-1	J	TA78L05S	AC
R3577	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA					
R3578	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA					
R3579	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox.	AA	Q2201	VS2SC3928AR-1	J	2SC3928AR	AB
R3580	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q2202	VS2SC3928AR-1	J	2SC3928AR	AB
R3581	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	Q2203	VS2SC3928AR-1	J	2SC3928AR	AB
R3582	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox.	AA	Q2204	VS2SA1530AR-1	J	2SA1530AR	AB
R3583	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q2207	VS2SC3928AR-1	J	2SC3928AR	AB
R3584	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q2413	VS2SC3928AR-1	J	2SC3928AR	AB
R3585	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q2428	VS2SC3928AR-1	J	2SC3928AR	AB
R3586	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5570	VS2SA1530AR-1	J	2SA1530AR	AB
R3587	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5571	VS2SA1530AR-1	J	2SA1530AR	AB
R3588	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5572	VS2SA1530AR-1	J	2SA1530AR	AB
R3590	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5573	VS2SA1530AR-1	J	2SA1530AR	AB
R3591	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5574	VS2SA1530AR-1	J	2SA1530AR	AB
R3592	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5575	VS2SA1530AR-1	J	2SA1530AR	AB
R3593	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA	Q5593	VS2SA1530AR-1	J	2SA1530AR	AB
R3598	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA	Q5594	VS2SA1530AR-1	J	2SA1530AR	AB
R3599	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA	Q5595	VS2SA1530AR-1	J	2SA1530AR	AB
R3600	VRS-CY1JF562J	J	5.6k 1/16W	M-Ox.	AA	Q5607	VS2SC3928AR-1	J	2SC3928AR	AB
R3601	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA	Q5608	VS2SC3928AR-1	J	2SC3928AR	AB
R3602	VRS-CY1JF000J	J	0 1/16W	M-Ox.	AA	Q5609	VS2SC3928AR-1	J	2SC3928AR	AB
R3604	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox.	AA	Q5610	VS2SC3928AR-1	J	2SC3928AR	AB
R3605	VRS-CY1JF105J	J	1.0M 1/16W	M-Ox.	AA	Q5611	VS2SC3928AR-1	J	2SC3928AR	AB
R3606	VRS-CY1JF471J	J	470 1/16W	M-Ox.	AA	Q5612	VS2SC3928AR-1	J	2SC3928AR	AB
MISCELLANEOUS PARTS					PACKAGED CIRCUIT					
P3501	QPLGN0449FJZZ	J	Plug, 40-pin(MA)		AH	X2401	RCRSB0001PEZZ	J	Crystal	AL
P3502	QPLGN0449FJZZ	J	Plug, 40-pin(MB)		AH					
					FILTERS AND COILS					
						CF2402	RFiLA0034CEZZ	J	Ceramic Filter	AD
						FL5503	RFiLN0014GEZZ	J	Filter	AC
						FL5504	RFiLN0014GEZZ	J	Filter	AC
						FL5550	RFiLC0331CEZZ	J	Filter	AL
						FL5551	RCiLF0192CEZZ	J	Coil	AH
						FL5552	RCiLF0192CEZZ	J	Coil	AH
						FL5601	RFiLN0014GEZZ	J	Filter	AC
						FL5602	RFiLN0014GEZZ	J	Filter	AC
						L2201	VPAWM101J140N	J	Peaking 100µH	AC
						L2202	VPAWM101J140N	J	Peaking 100µH	AC

Ref. No.	Part No.	★	Description	Code
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PWB-K: DUNTK9950DE02 ZOOM UNIT (Continued)

L2206	VPAWM220J4R0N	J	Peaking 22μH	AC
L2207	VPAWM220J4R0N	J	Peaking 22μH	AC
L2401	VPAWM560J7R2N	J	Peaking 56μH	AC
L2402	VPAWM560J7R2N	J	Peaking 56μH	AC
L5640	VPACK100J0000	J	Peaking 10μH	AB

CAPACITORS

[EL... Electrolytic]

C2201	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2202	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2203	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2204	VCCCCY1HH181J	J	180p 50V Ceramic	AA
C2205	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2206	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2207	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2208	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2209	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2210	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2213	VCCCCY1HH180J	J	18p 50V Ceramic	AA
C2214	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C2215	VCCCCY1HH3R0C	J	3.0p 50V Ceramic	AA
C2216	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C2217	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C2218	VCCCCY1HH3R0C	J	3.0p 50V Ceramic	AA
C2219	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C2220	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C2225	VCEAUB0JW476M	J	47 6.3V EL.	AB
C2226	VCEAUB0JW476M	J	47 6.3V EL.	AB
C2227	VCEAEA1HW474M	J	0.47 50V EL.	AB
C2231	VCEAUB1CW476M	J	47 16V EL.	AB
C2232	VCE9GA1CW106M	J	10 16V EL. (N.P)	AB
C2233	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2234	VCE9GA1CW106M	J	10 16V EL. (N.P)	AB
C2235	VCCCCY1HH471J	J	470p 50V Ceramic	AA
C2236	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2237	VCEAUB1CW226M	J	22 16V EL.	AB
C2238	VCE9GA1CW106M	J	10 16V EL. (N.P)	AB
C2239	VCEAEA1CW106M	J	10 16V EL.	AB
C2401	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C2402	VCEAEA1HW224M	J	0.22 50V EL.	AB
C2403	VCKYCY1HB222K	J	2200p 50V Ceramic	AA
C2404	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2405	VCEAEA1HW225M	J	2.2 50V EL.	AB
C2406	VCFYSA1HB104J	J	0.1 50V Mylar	AB
C2407	VCEAEA1HW225M	J	2.2 50V EL.	AB
C2408	VQYTA1HM223J	J	0.022 50V Mylar	AA
C2409	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2412	VCEAEA1CW106M	J	10 16V EL.	AB
C2413	VCEAEA1CW106M	J	10 16V EL.	AB
C2414	VCEAEA1CW106M	J	10 16V EL.	AB
C2415	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2416	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2419	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2420	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2421	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2422	VCFYSA1HB104J	J	0.1 50V Mylar	AB
C2423	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2424	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2425	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2426	VCEAUB1CW107M	J	100 16V EL.	AB
C2427	VCEA0A1CW477M	J	470 16V EL.	AC
C2428	VCEAUB1CW476M	J	47 16V EL.	AB
C2429	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2469	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C2470	VCEAUB1CW476M	J	47 16V EL.	AB
C2475	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C2476	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C2480	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C2499	VCCCPA1HH151J	J	150p 50V Ceramic	AA
C5501	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5503	VCCCCY1HH270J	J	27p 50V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
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C5504	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5505	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5507	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5508	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5510	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5511	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5512	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5513	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5514	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5515	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5516	VCEAUB1CW107M	J	100 16V EL.	AB
C5517	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C5519	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5521	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5523	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5525	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5526	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5527	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5528	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5529	VCCCCY1HH121J	J	120p 50V Ceramic	AA
C5530	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5531	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5533	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5534	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5535	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5537	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5538	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C5539	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5541	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5542	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C5544	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5545	VCEAUB1CW107M	J	100 16V EL.	AB
C5546	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C5550	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5551	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C5552	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5553	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C5554	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5555	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5556	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5557	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5558	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5559	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5560	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5561	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5562	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5563	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5564	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5565	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5566	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5567	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5580	VCEAEA1CW106M	J	10 16V EL.	AB
C5581	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5582	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5583	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5584	VCEAEA1HW225M	J	2.2 50V EL.	AB
C5601	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5602	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5603	VCFYSA1HB393J	J	0.039 50V Mylar	AA
C5604	VCEAEA1CW106M	J	10 16V EL.	AB
C5605	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5606	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5607	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5608	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5609	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C5610	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C5611	VCEAUB0JW107M	J	100 6.3V EL.	AB
C5612	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5613	VCFYSA1HB393J	J	0.039 50V Mylar	AA
C5614	VCEAEA1CW106M	J	10 16V EL.	AB
C5615	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5616	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5617	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C5618	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C5619	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-K: DUNTK9950DE02									
ZOOM UNIT (Continued)									
C5620	VCEA0A0JW108M	J	1000 6.3V EL.	AC	R2425	VRS-CY1JF271J	J	270 1/16W M-Ox.	AA
C5621	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2426	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
C5622	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2427	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
C5623	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2428	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
C5624	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2465	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
C5625	RC-EZ0459CEZZ	J	10 10V EL.	AE	R2466	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
C5626	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2467	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5627	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2468	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5628	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2469	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
C5629	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2470	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
C5630	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R2471	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
C5631	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R2472	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
C5633	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2473	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5634	VCEAUB0JW107M	J	100 6.3V EL.	AB	R2474	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5637	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2475	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5638	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2476	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5640	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2480	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
C5641	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R2493	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5647	VCCCCY1HH101J	J	100p 50V Ceramic	AA	R2495	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5648	VCCCCY1HH101J	J	100p 50V Ceramic	AA	R2496	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA
C5649	VCCCCY1HH101J	J	100p 50V Ceramic	AA	R2497	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
C5660	VCEAUB0JW107M	J	100 6.3V EL.	AB	R5501	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5664	VCEAUB1CW107M	J	100 16V EL.	AB	R5502	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
C5665	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R5504	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5668	VCCCCY1HH151J	J	150p 50V Ceramic	AA	R5505	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
C5669	VCEAUB0JW107M	J	100 6.3V EL.	AB	R5506	VRS-CY1JF330J	J	33 1/16W M-Ox.	AA
C5671	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R5508	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
RESISTORS									
<i>[M-Ox... Metal Oxide]</i>									
R2201	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA	R5510	RR-TZ0073CEZZ	J	Resistor Array	AA
R2202	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5511	RR-TZ0073CEZZ	J	Resistor Array	AA
R2205	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA	R5512	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2206	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5513	RR-TZ0073CEZZ	J	Resistor Array	AA
R2208	VRS-CY1JF681J	J	680 1/16W M-Ox.	AA	R5514	RR-TZ0073CEZZ	J	Resistor Array	AA
R2209	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5520	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R2210	VRS-CY1JF122J	J	1.2k 1/16W M-Ox.	AA	R5521	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2211	VRS-CY1JF361J	J	360 1/16W M-Ox.	AA	R5522	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2215	VRS-CY1JF122J	J	1.2k 1/16W M-Ox.	AA	R5523	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2216	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5526	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2217	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5527	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2218	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA	R5528	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2219	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA	R5529	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2220	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA	R5530	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2221	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA	R5531	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2222	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA	R5533	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2223	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5537	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2224	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5539	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2228	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA	R5541	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2229	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5543	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R2401	VRS-CY1JF303J	J	30k 1/16W M-Ox.	AA	R5545	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R2402	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R5557	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R2403	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5563	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R2404	VRS-CY1JF302J	J	3.0k 1/16W M-Ox.	AA	R5568	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R2405	VRS-CY1JF361J	J	360 1/16W M-Ox.	AA	R5569	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2406	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5573	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2407	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5574	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2409	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5575	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2410	VRS-CY1JF153J	J	15k 1/16W M-Ox.	AA	R5576	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2411	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA	R5577	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2413	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA	R5578	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2414	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA	R5579	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R2415	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5590	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R2416	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA	R5591	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R2417	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R5592	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R2419	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5593	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R2420	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5594	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R2421	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R5595	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R2422	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA	R5601	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R2423	VRS-CY1JF271J	J	270 1/16W M-Ox.	AA	R5602	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R2424	VRS-CY1JF271J	J	270 1/16W M-Ox.	AA	R5603	VRS-CY1JF751J	J	750 1/16W M-Ox.	AA
					R5604	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
					R5605	VRS-CY1JF330J	J	33 1/16W M-Ox.	AA
					R5606	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
					R5607	VRS-CY1JF330J	J	33 1/16W M-Ox.	AA
					R5609	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-K: DUNTK9950DE02									
ZOOM UNIT (Continued)									
R5610	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	FB5661	RBLN-0064TAZZ	J	Ferrite Bead	AC
R5611	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA	FB5666	RBLN-0061TAZZ	J	Ferrite Bead	AD
R5612	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA	FB5667	RBLN-0064TAZZ	J	Ferrite Bead	AC
R5613	VRS-CY1JF751J	J	750 1/16W M-Ox.	AA	FB5689	RBLN-0061TAZZ	J	Ferrite Bead	AD
R5615	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	FB5698	RBLN-0061TAZZ	J	Ferrite Bead	AD
R5616	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	FB5699	RBLN-0061TAZZ	J	Ferrite Bead	AD
R5617	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	FB5710	RBLN-0064TAZZ	J	Ferrite Bead	AC
R5618	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	FB5711	RBLN-0064TAZZ	J	Ferrite Bead	AC
R5620	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	P5501	QPLGZ1541CEZZ	J	Plug, 15-pin(ZA)	AD
R5621	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	P5502	QPLGZ1541CEZZ	J	Plug, 15-pin(ZB)	AD
R5623	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA	SLD5501	PSLDM4587CEFW	J	Shield	AE
R5624	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA	SLD5502	PSLDM4588CEFW	J	Shield	AG
R5625	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA	SLD5503	PSLDM4589CEFW	J	Shield	AE
R5627	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA		PSLDM4526CEZZ	J	Shield	AD
R5628	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA		QCNW-5572CEZZ	J	Connecting Cord	AD
R5629	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA					
R5630	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5631	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5632	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5633	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5634	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5635	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5640	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA					
R5641	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R5642	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5643	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA					
R5645	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R5646	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA					
R5648	VRS-CY1JF302J	J	3.0k 1/16W M-Ox.	AA					
R5650	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA					
R5651	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA					
R5652	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA					
R5658	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA					
R5659	VRS-TV1JD102J	J	1.0k 1/10W M-Ox.	AA					
R5660	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5661	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5662	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5663	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R5664	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA					
R5665	VRS-TV1JD102J	J	1.0k 1/10W M-Ox.	AA					
R5667	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5669	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5670	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA					
R5672	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA					
R5673	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA					
R5674	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R5676	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5677	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA					
R5679	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA					
R5681	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R5682	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA					
R5685	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R5687	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA					
R5693	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA					
R5702	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA					
R5710	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA					
R5712	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA					
R5715	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA					
R5716	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA					
R5721	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA					
R5724	VRS-TV1JD000J	J	0 1/10W M-Ox.	AA					
MISCELLANEOUS PARTS									
FB2499	RBLN-0061TAZZ	J	Ferrite Bead	AD					
FB5500	RBLN-0039TAZZ	J	Ferrite Bead	AC					
FB5501	RBLN-0039TAZZ	J	Ferrite Bead	AC					
FB5502	RBLN-0064TAZZ	J	Ferrite Bead	AC					
FB5509	RBLN-0064TAZZ	J	Ferrite Bead	AC					
FB5608	RBLN-0039TAZZ	J	Ferrite Bead	AC					
FB5609	RBLN-0061TAZZ	J	Ferrite Bead	AD					
FB5633	RBLN-0064TAZZ	J	Ferrite Bead	AC					

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-L: DUNTK9890DE05									
Y/C 3D UNIT									
INTEGRATED CIRCUITS									
IC7001	VHiPD64082/-1	J	UPD64082GF-3BA	BC	C7038	VCCCCY1HH270J	J	27p 50V	Ceramic AA
IC7002	RH-ix3152CEZZ	J	MSM514265	AT	C7039	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
	or				C7041	VCCCCY1HH3R0C	J	3.0p 50V	Ceramic AA
	RH-ix3420CEZZ				C7042	VCCCCY1HH120J	J	12p 50V	Ceramic AA
IC7003	VHiTK15420/-1	J	TK15420MTL	AG	C7043	VCCCCY1HH270J	J	27p 50V	Ceramic AA
IC7007	VHiBA033T/-1	J	BA033T	AF	C7045	VCEA0A0JW107M	J	100 6.3V	EL. AB
TRANSISTORS									
Q7001	VS2SA1530AR-1	J	2SA1530AR	AB	C7046	VCEA0A0JW476M	J	47 6.3V	EL. AB
Q7002	VS2SC3928AR-1	J	2SC3928AR	AB	C7047	RC-EZ0459CEZZ	J	10 10V	EL. AE
Q7003	VS2SA1530AR-1	J	2SA1530AR	AB	C7048	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
Q7004	VS2SC3928AR-1	J	2SC3928AR	AB	C7050	VCCCCY1HH270J	J	27p 50V	Ceramic AA
Q7005	VS2SA1530AR-1	J	2SA1530AR	AB	C7053	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
Q7012	VS2SA1530AR-1	J	2SA1530AR	AB	C7055	RC-EZ0459CEZZ	J	10 10V	EL. AE
Q7013	VS2SA1530AR-1	J	2SA1530AR	AB	C7056	RC-EZ0459CEZZ	J	10 10V	EL. AE
Q7014	VS2SA1530AR-1	J	2SA1530AR	AB	C7057	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
Q7015	VS2SA1530AR-1	J	2SA1530AR	AB	C7060	VCCCCY1HH391J	J	390p 50V	Ceramic AA
Q7016	VS2SA1530AR-1	J	2SA1530AR	AB	C7061	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA
Q7070	VS2SC3928AR-1	J	2SC3928AR	AB	C7062	VCCCCY1HH3R0C	J	3.0p 50V	Ceramic AA
PACKAGED CIRCUIT									
X7001	RCRSB0258CEZZ	J	Crystal	AG	C7064	VCCCCY1HH270J	J	27p 50V	Ceramic AA
FILTERS AND COILS									
FL7001	RFILC0274CEZZ	J	Filter	AG	C7067	VCKYCY1HB102K	J	1000p 50V	Ceramic AA
FL7002	RCiLV0021TAZZ	J	Coil	AE	C7075	VCKYCY1HB103K	J	0.01 50V	Ceramic AA
FL7003	RFILN0014GEZZ	J	Filter	AC	C7076	VCCCCY1HH270J	J	27p 50V	Ceramic AA
FL7004	RFILN0014GEZZ	J	Filter	AC	C7077	VCCCCY1HH270J	J	27p 50V	Ceramic AA
L7001	VPACK100J0000	J	Peaking 10μH	AB	C7078	VCCCCY1HH270J	J	27p 50V	Ceramic AA
L7002	VPACK4R7J0000	J	Peaking 4.7μH	AB	RESISTORS				
L7050	VPACK220J0000	J	Peaking 22μH	AB	<i>[M-Ox... Metal Oxide]</i>				
L7051	VPACK220J0000	J	Peaking 22μH	AB	R7001	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
CONTROL					R7003	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
R7000	RVR-M4328CEZZ	J	1k(B) Video Level	AC	R7004	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
CAPACITORS					R7009	VRS-CY1JF182J	J	1.8k 1/16W	M-Ox. AA
<i>[EL... Electrolytic]</i>					R7010	VRS-CY1JF182J	J	1.8k 1/16W	M-Ox. AA
C7001	VCCCCY1HH330J	J	33p 50V	Ceramic AA	R7020	VRS-CY1JF472J	J	4.7k 1/16W	M-Ox. AA
C7002	VCCCCY1HH270J	J	27p 50V	Ceramic AA	R7021	VRS-CY1JF471J	J	47k 1/16W	M-Ox. AA
C7003	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7022	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7004	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7023	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
C7005	VCEAEA1CW106M	J	10 16V	EL. AB	R7024	VRS-CY1JF473J	J	47k 1/16W	M-Ox. AA
C7006	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7025	VRS-CY1JF224J	J	220k 1/16W	M-Ox. AA
C7008	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7026	VRS-CY1JF221J	J	220 1/16W	M-Ox. AA
C7009	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7027	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA
C7010	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7028	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7012	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7029	VRS-CY1JF391J	J	390 1/16W	M-Ox. AA
C7013	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7030	VRS-CY1JF471J	J	470 1/16W	M-Ox. AA
C7014	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7031	VRS-CY1JF561J	J	560 1/16W	M-Ox. AA
C7015	VCEAEA1CW106M	J	10 16V	EL. AB	R7032	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox. AA
C7016	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7033	VRS-CY1JF122J	J	1.2k 1/16W	M-Ox. AA
C7017	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7034	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
C7018	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7036	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
C7019	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7037	VRS-CY1JF202J	J	2.0k 1/16W	M-Ox. AA
C7020	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7045	VRS-CY1JF202J	J	2.0k 1/16W	M-Ox. AA
C7021	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7046	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7022	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7047	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7023	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7048	VRS-CY1JF100J	J	10 1/16W	M-Ox. AA
C7025	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7049	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7026	VCCCCY1HH471J	J	470p 50V	Ceramic AA	R7051	VRS-CY1JF911J	J	910 1/16W	M-Ox. AA
C7027	VCEAEA1HW105M	J	1.0 50V	EL. AB	R7052	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7028	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7055	VRS-CY1JF152J	J	1.5k 1/16W	M-Ox. AA
C7029	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7056	VRS-CY1JF222J	J	2.2k 1/16W	M-Ox. AA
C7030	VCEA0A1CW476M	J	47 16V	EL. AB	R7058	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
C7031	VCE9EA1HW105M	J	1.0 50V	EL. (N.P) AC	R7059	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7033	VCKYCY1HB103K	J	0.01 50V	Ceramic AA	R7060	VRS-CY1JF911J	J	910 1/16W	M-Ox. AA
C7035	VCKYCY1EF104Z	J	0.1 25V	Ceramic AA	R7062	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
C7036	VCEA0A1CW476M	J	47 16V	EL. AB	R7064	VRS-CY1JF181J	J	180 1/16W	M-Ox. AA
C7037	VCCCCY1HH120J	J	12p 50V	Ceramic AA	R7066	VRS-CY1JF271J	J	270 1/16W	M-Ox. AA
					R7067	VRS-CY1JF271J	J	270 1/16W	M-Ox. AA
					R7070	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
					R7071	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
					R7072	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
					R7073	VRS-CY1JF101J	J	100 1/16W	M-Ox. AA
					R7074	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
					R7077	VRS-CY1JF103J	J	10k 1/16W	M-Ox. AA
					R7078	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox. AA
					R7080	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
					R7081	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
					R7082	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA
					R7083	VRS-CY1JF000J	J	0 1/16W	M-Ox. AA

Ref. No.	Part No.	★	Description	Code
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PWB-L: DUNTK9890DE05
Y/C 3D UNIT (Continued)

R7085	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
R7086	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
R7087	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA

MISCELLANEOUS PARTS

FB7050	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7051	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7052	RBLN-0061TAZZ	J	Ferrite Bead	AD
P7001	QPLGN0247FJ00	J	Plug, 15-pin (YC)	AF
SLD7001	PSLDM0286PEFW	J	Shield	AD
SLD7002	PSLDM0287PEFW	J	Shield	AD
SLD7003	PSLDM0288PEFW	J	Shield	AD

Ref. No.	Part No.	★	Description	Code
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CABINET PARTS

1	CCABA2393CE01	J	Front Cabinet Ass'y	BU
1-1	<i>Not Available</i>	-	Front Cabinet	-
1-2	GCOVA1849CESA	J	LED Decoration, R/C Cover	AG
1-3	GDORF2049CEKA	J	Door	AG
1-4	HBDGD3122CESA	J	Badge, "SHARP"	AL
1-5	HiNDP4998CEKZ	J	Indication Plate, In Door	AH
1-6	HPNLS1033CEKA	J	Speaker Panel, x2	AV
1-7	JBTN-2044CESA	J	Power Button	AE
1-8	LHLDW1047CEUZ	J	Wire Holder, x2	AA
1-9	LHLDW1061GEZZ	J	Holder, x2	AA
1-10	LHLDW1218CEKZ	J	ADG Holder, x4	AC
1-11	LX-TZ3004CEFD	J	Screw, x26	AA
1-12	MSPRC0061CEFW	J	Spring, Power Button	AA
1-13	PKAi-1094CE00	J	Door Latch	AD
1-14	PSPAHO257CE00	J	Spacer (Top), x2	AC
1-15	PSPAHO297CE00	J	Spacer (Side), x2	AD
1-16	PSPAHO563CE00	J	Spacer (Mask-Top)	AE
1-17	PSPAHO564CE00	J	Spacer (Mask-Side), x2	AC
1-18	PSPAHO588CE00	J	Spacer (Rib), x4	AA
1-19	PSPAHO650CE00	J	Spacer (Mask-Under)	AC
1-20	TCAUH3087CEZZ	J	Caution Label	AE
1-21	VSP0036TB407S	J	Speaker, x2	AN
2	GCABB2278CEKA	J	Rear Cabinet	BM
3	RSP-Z0109CEZZ	J	Speaker Ass'y, x2	AZ
4	LX-TZ3096CEFD	J	Screw, x4	AB
5	XTASD40P25000	J	Screw, x13	AA
6	TLABM4182CEZZ	J	Model Label	AE

Ref. No.	Part No.	★	Description	Code
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MISCELLANEOUS PARTS

△	QACCD3065CESA	J	AC Cord	AN
	RCORF0096CEZZ	J	Ferrite Core	AP
	PSLDM9190CEZZ	J	Shield	BA
	LHLDK0014PEZZ	J	AC Cord Holder	AD

Ref. No.	Part No.	★	Description	Code
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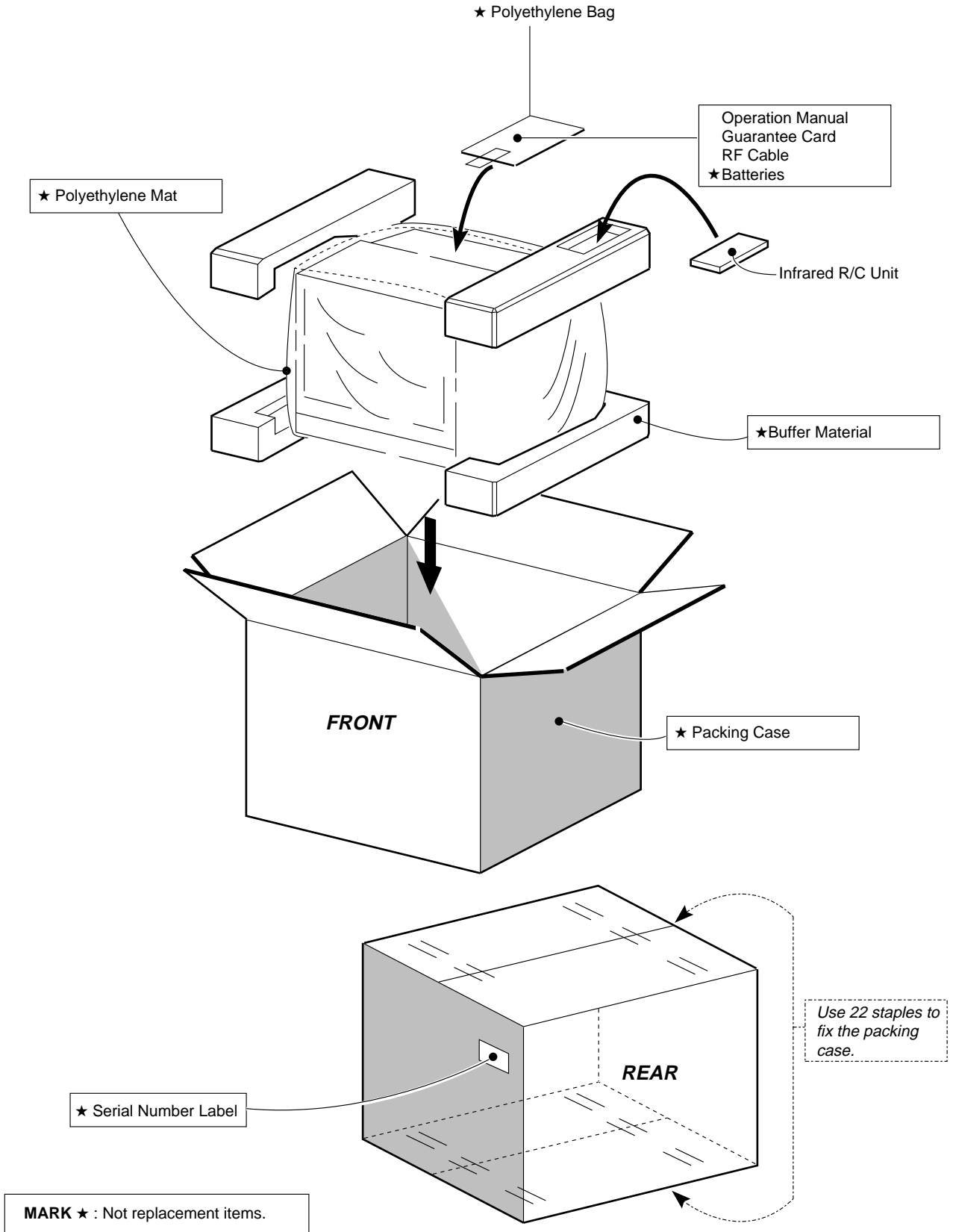
SUPPLIED ACCESORRIES

	TGAN-1548CEZZ	J	Guarantee Card	AK
	TiNS-6919CEZZ	J	Operation Manual	AV
	RRMCG1550CESA	J	Infrared R/C Unit	BG
	QCNW-7853GEZZ	J	RF Cable	AH

PACKING PARTS (NOT REPLACEMENT ITEM)

	SPAKC5407CEZZ	-	Packing Case	—
	SPAKP0670CEZZ	-	Polyethylene Mat	—
	SPAKX2896CEZZ	-	Buffer Material	—
	SSAKA0170CEZZ	-	Polyethylene Bag	—

PACKING OF THE SET



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