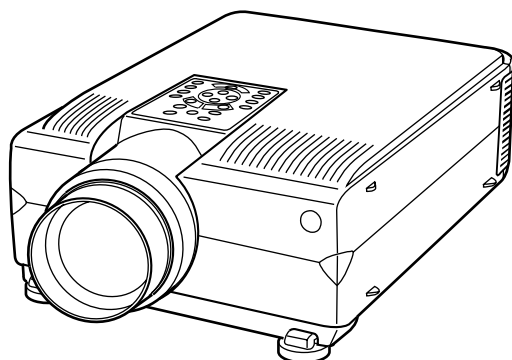


SHARP SERVICE MANUAL SERVICE-ANLEITUNG

S80H2XG-P10XE



LCD PROJECTOR LCD PROJEKTOR

MODEL
MODELL **XG-P10XE**

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.

Im Interesse der Benutzersicherheit (erforderliche Sicherheitsregeln in einigen Ländern) muß das Gerät in seinen Originalzustand gebracht werden. Außerdem dürfen für die spezifizierten Bauteile nur identische Teile verwendet werden.

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Specifications

Product type	LCD Projector
Model	XG-P10XE
Video system	PAL/SECAM/NTSC 3.58/NTSC 4.43/DTV 480P/DTV 720P/DTV 1080I
Display method	LCD panel × 3, RGB optical shutter method
LCD panel	Panel size: 33mm (1.3") (20.0 [H] × 26.6 [W] mm) Display method: Translucent TN liquid crystal panel Drive method: TFT (Thin Film Transistor) Active Matrix panel No. of dots: 786,432 dots (1,024 [H] × 768 [V])
Lens	1–1.3× zoom lens, F1.7–2.3, f = 49.1–63.8 mm
Projection lamp	200 W UHP lamp
Contrast ratio	250:1
Video input signal	RCA Connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO, 0.5 Vrms more than 22 kΩ (stereo)
S-video input signal	4-pin Mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
Component input signal	BNC Connector (INPUT 1) Y: 1.0 Vp-p, sync negative, 75 Ω terminated Pb: 0.7 Vp-p, 75 Ω terminated Pr: 0.7 Vp-p, 75 Ω terminated
Horizontal resolution	520 TV lines (video input), 750 TV lines (DTV 720P input, Dot by Dot)
Audio output	2 W + 2 W (stereo)
Computer RGB input signal	15-PIN MINI D-SUB CONNECTOR (INPUT 1, 2), 5 BNC CONNECTOR (INPUT 1): RGB separate/composite sync/sync on green type analog input: 0–0.7 Vp-p, positive, 75 Ω terminated STEREO MINIJACK: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo) HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) or composite sync (Apple only) VERTICAL SYNC. SIGNAL: Same as above
Pixel clock	12–230 MHz
Vertical frequency	43–200 Hz
Horizontal frequency	15–126 kHz
Computer control signal	9-pin Mini DIN female connector (RS-232C Input Port)
Speaker system	5 cm (1 31/32") round × 2
Rated voltage	AC 110–120/220–240 V
Input current	3.2 A/1.6 A
Rated frequency	50/60 Hz
Power consumption	300 W
Operating temperature	+ 5°C to + 40°C
Storage temperature	– 20°C to + 60°C
Cabinet	Plastic
I/R carrier frequency	38 kHz
Laser pointer of remote control	Wave length: 650 nm / Max. output: 1 mW / Class II Laser Product
Dimensions (approx.)	261 × 139 × 356 mm (W × H × D) (main body only) 261 × 156 × 411.5 mm (W × H × D) (including adjustment feet and projecting parts)
Weight (approx.)	7.3 kg
Supplied accessories	Remote control, Two AA size batteries, Power cord (1.8m), Computer RGB cable (3m), Computer audio cable (3m), Three BNC-RCA adaptors, PS/2 mouse control cable (1 m), USB mouse control cable (1.5 m), DIN-D-sub RS-232C cable (15 cm), Remote mouse receiver, Extra air filter, Lens cap (attached), CD-ROM, LCD projector operation manual, LCD projector quick references, Sharp Advanced Presentation Software operation manual
Replacement parts	Standard lens unit (CLNS-0169CE02), Lamp unit (Lamp/cage module) (BQC-XGP10XE/1), Remote control (RRMCG1590CESA), AA size batteries, Power cord, Computer RGB cable (QCNW-5304CEZZ), Computer audio cable (QCNW-4870CEZZ), BNC-RCA adaptors (QPLGJ0107GEZZ), PS/2 mouse control cable (QCNW-5113CEZZ), USB mouse control cable (QCNW-5680CEZZ), DIN-D-sub RS-232C cable (QCNW-5288CEZZ), Remote mouse receiver (RUNTK0673CEZZ), Air filter (PFILD0088CEZZ), Lens cap (PCAPH1056CESA), CD-ROM (UDSKA0026CEN1), LCD projector operation manual (TINS-7068CEZZ), LCD projector quick references (TINS-7070CEZZ, TINS-7171CEZZ, TINS-7172CEZZ), Sharp Advanced Presentation Software operation manual (TINS-7069CEZZ)

This SHARP projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 786,432 pixels (× RGB) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

This unit has some inactive TFTs within acceptable tolerances which may result in illuminated or inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.

Specifications are subject to change without notice.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

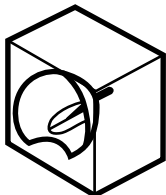
AVOID DIRECT EYE AND SKIN EXPOSURE.

To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned "on" and the top enclosure removed.



2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0064DE11 or BQC-XGP10XE/1 rated 85V/ 200W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

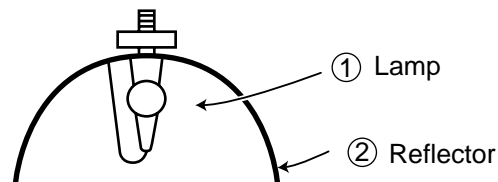
■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.)

Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ② .

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposure (Fig. 1).

Note: Please obtain a lens cap before servicing a model XG-P10XE that is received without one.

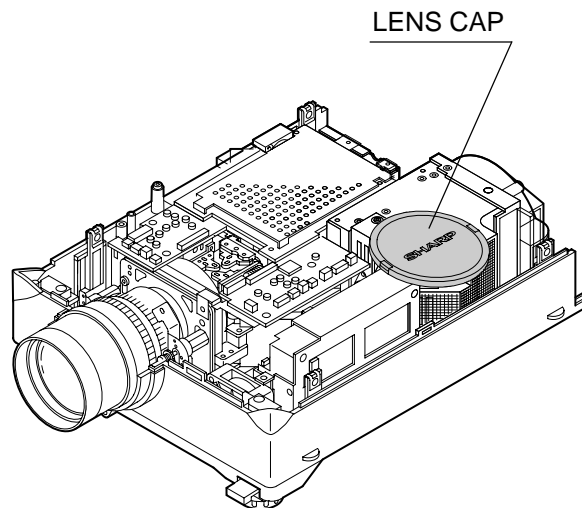
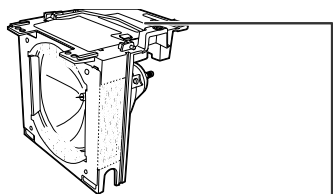
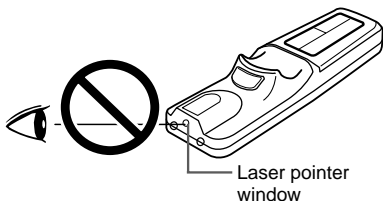
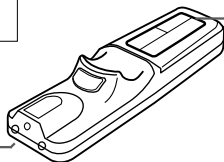


Figure 1.

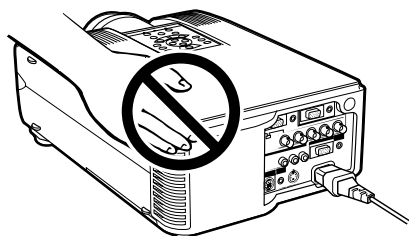
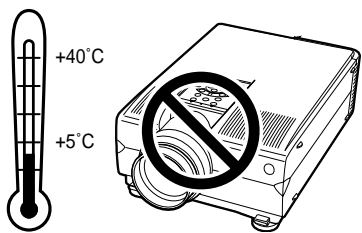
Usage Guidelines

LASER RADIATION DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT	RADIACION LASER NO MIRE AL RAYO PRODUCTO LASER CLASE 2
RAYONNEMENT LASER NE PAS REGARDER DANS LE FAISCEAU APPAREIL A LASER DE CLASSE 2	
LASERSTRAHLUNG NICHT IN DEN STRAHL DER LASERVORRICHTUNG DER KLASSE II BLICKEN	LASERSTRÅLAR TITTA INTE IN I LASERSTRÅLEN KLASS 2 LASER PRODUKT.
LASERSÄTELYÄ ÄLÄKÄTSO SOUBRAAN SÄTEESEEN LUOKAN 2 LASERTUOTE	LASEROVÉ ZIARENIE NEPOZERAJTE SA DO LÚČA LASEROVÝ VYROBOK TRIEDY 2
LASEROVÉ ZÁRENÍ NEHLED'TE DO PAPERSKU LASEROVÝ VYROBEK TŘIDY 2	



CAUTION LAMP MAY RUPTURE.
POTENTIAL HAZARD OF GLASS
PARTICLES. SEE OPERATION MANUAL.

ATTENTION RUPTURE POSSIBLE DE LA
LAMPE. DANGER POTENTIEL DE PARTICULES DE
VERRE. SE REPORTER AU MODE D'EMPLOI.



Cautions Concerning the Laser Pointer

The laser pointer on the remote control emits a laser beam from the laser pointer window. This is a Class II laser which may impair your sight if directed into the eyes. The two marks shown on the left are caution labels for the laser beam.

- Do not look into the laser pointer window or shine the laser beam on yourself or others. (The laser beam used in this product is harmless when directed onto the skin. However, be careful not to project the beam directly into the eyes.)
- Always use the laser pointer at temperatures between + 5°C and + 40°C.
- Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Caution Concerning the Lamp Unit

Potential hazard of glass particles if lamp ruptures. Please have Sharp Authorised LCD Projector Dealer or Service Centre replace lamp if rupture occurs.

Cautions Concerning the Setup of the Projector

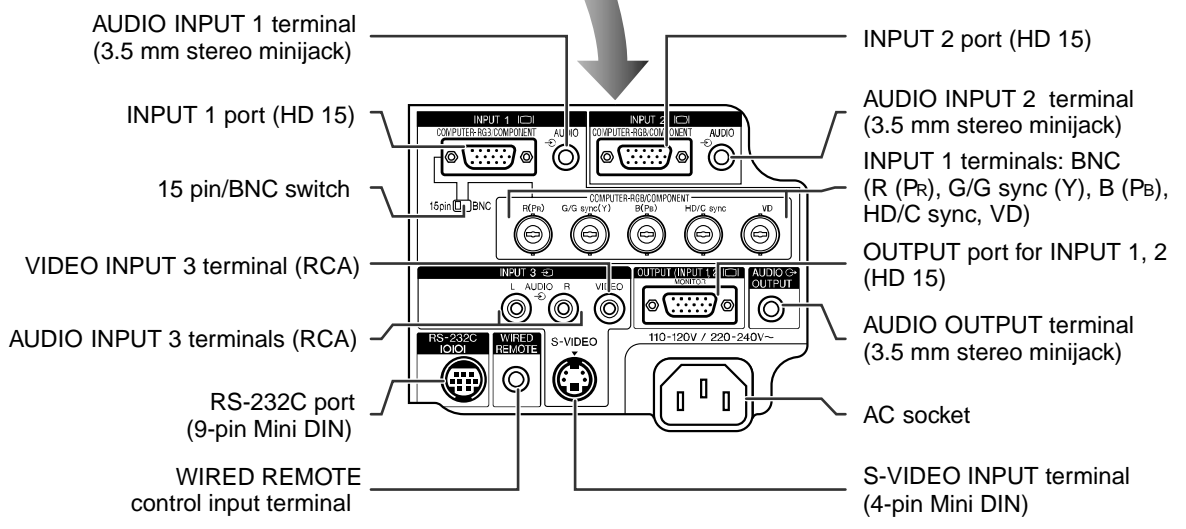
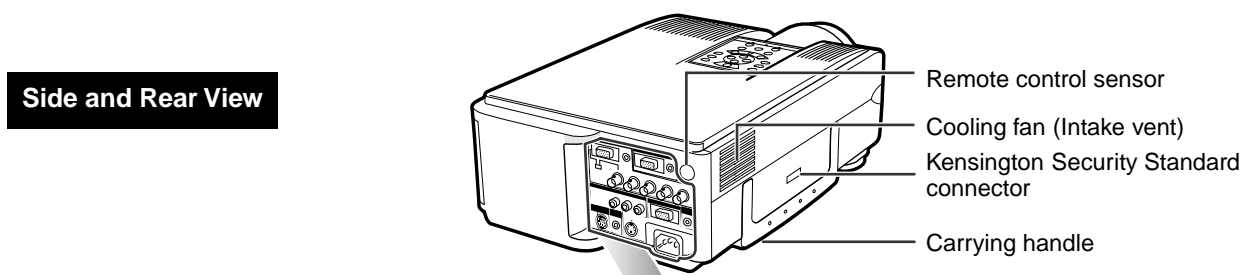
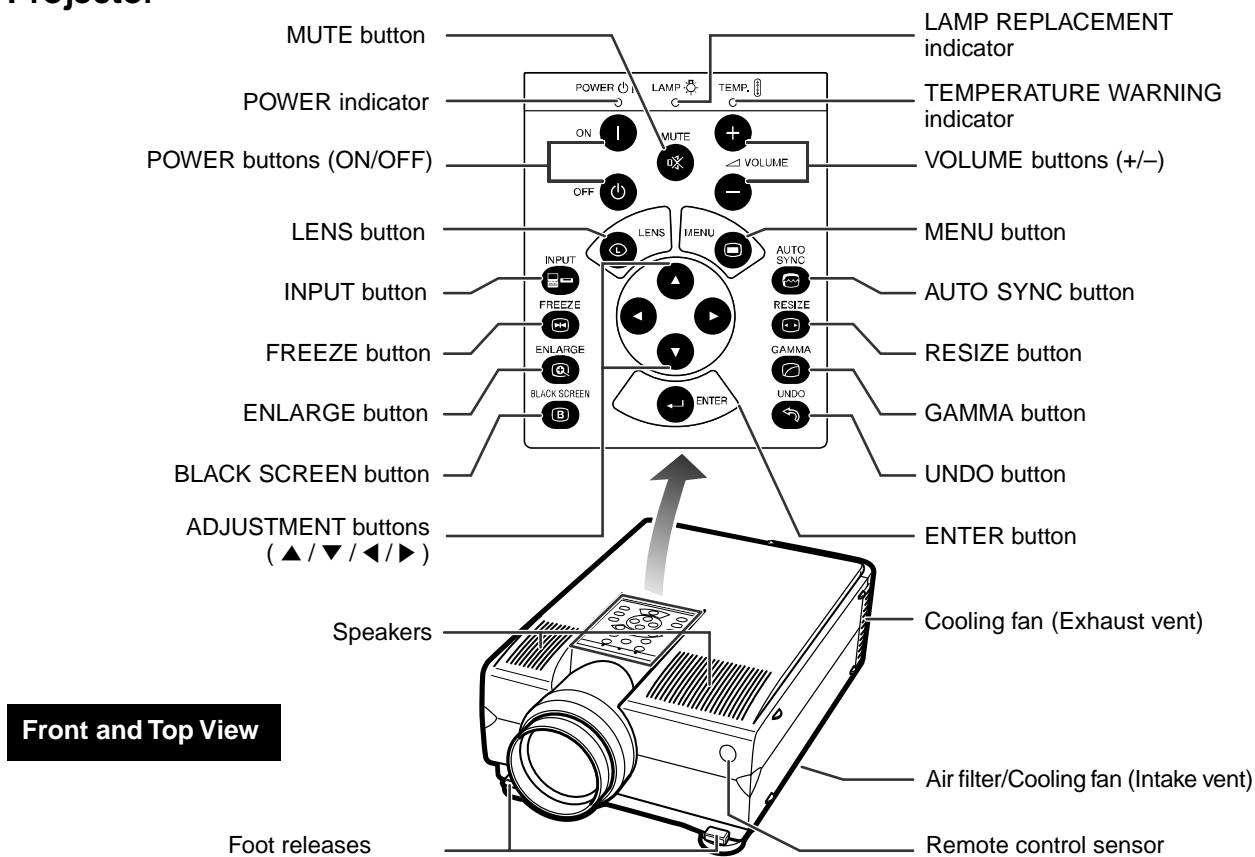
For minimal servicing and to maintain high image quality, SHARP recommends that this projector be installed in an area free from humidity, dust and cigarette smoke. If the projector is used in these environments, the lens and filter will need to be cleaned (or the filter replaced) more often, and internal cleaning may become necessary. As long as the projector is regularly cleaned, use in these environments will not reduce the overall operation life of the unit. Internal cleaning should only be performed by a Sharp Authorised LCD Projector Dealer or Service Centre.

Notes on Operation

- The exhaust vent, the lamp cage cover and adjacent areas may be extremely hot during projector operation. To prevent injury, do not touch these areas until they have sufficiently cooled.
- Allow at least 10 cm of space between the cooling fan (exhaust vent) and the nearest wall or obstruction.
- If the cooling fan becomes obstructed, a protection device will automatically turn off the projector lamp. This does not indicate a malfunction. Remove the projector power cord from the wall outlet and wait at least 10 minutes. Then turn on the power by plugging the power cord back in. This will return the projector to the normal operating condition.

Location of Controls

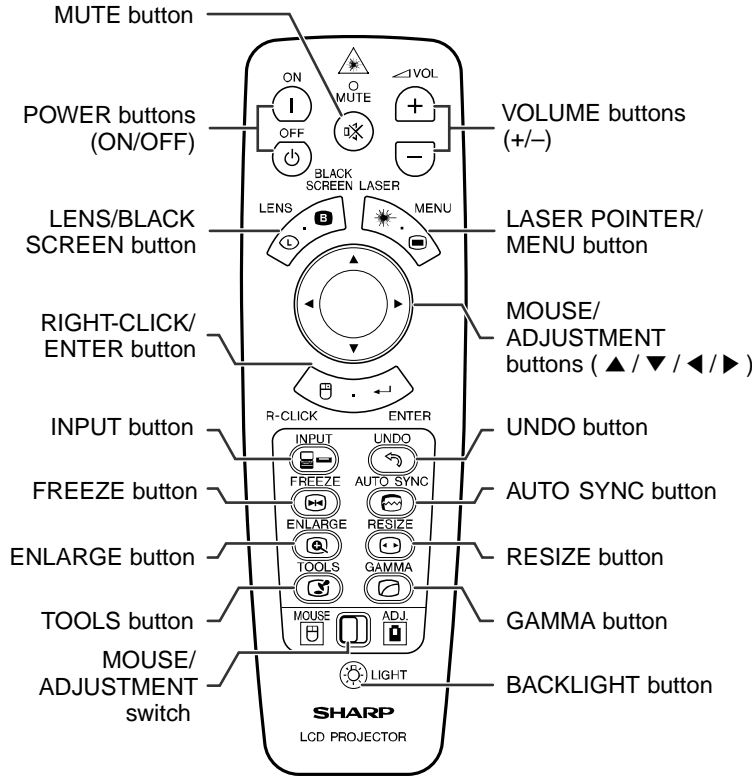
Projector



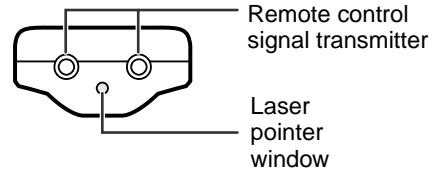
Operating the Wireless Mouse Remote Control

Remote Control

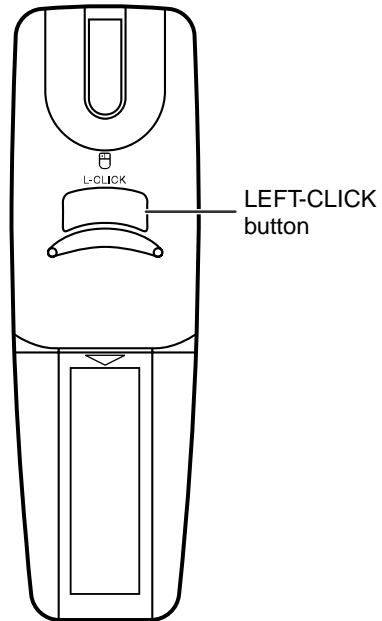
Front View



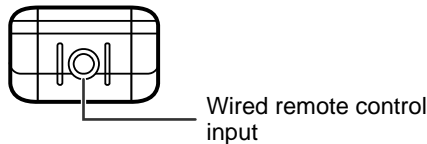
Top View



Rear View

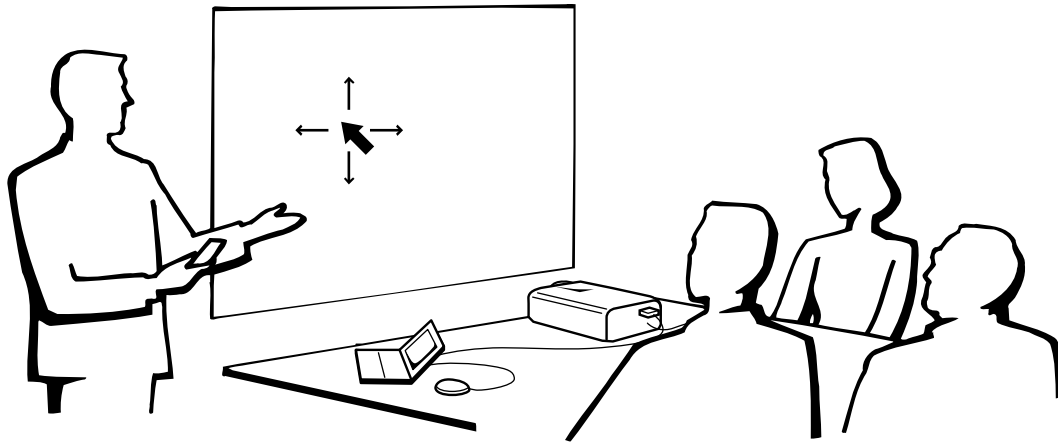


Bottom View



Inserting the batteries

<p>1 Press in on the arrow mark and slide in the direction of the arrow to remove the battery cover.</p>	<p>2 Insert two AA size batteries, making sure their polarities match the + and - marks inside the battery compartment.</p>	<p>3 Insert the side tabs of the battery cover into their slots and press the cover in until it is properly seated.</p>
<p>Battery cover</p>	<p>Battery compartment</p>	<p>Battery cover</p>

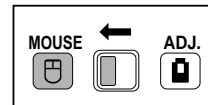


Using the Remote Control as a Wireless Mouse

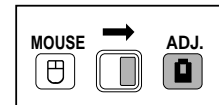
The remote control has the following three functions:

- Projector control
- Wireless mouse
- Laser pointer

MOUSE/ADJUSTMENT switch (Remote control)



Wireless mouse
Laser pointer



Projector control

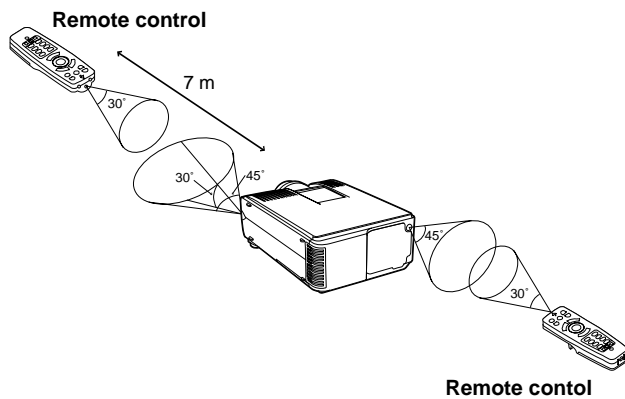
Remote Control/Mouse Receiver Positioning

- The remote control can be used to control the projector within the ranges shown below.
- The remote mouse receiver can be used with the remote control to control the mouse functions of a connected computer within the ranges shown below.

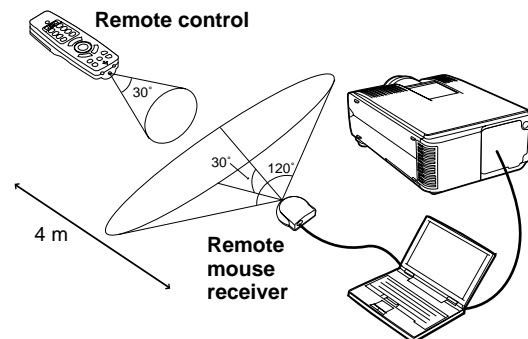
NOTE

- The signal from the remote control can be reflected off a screen for easy operation. However, the effective distance of the signal may differ due to the screen material.

Controlling the Projector



Using the Wireless Mouse



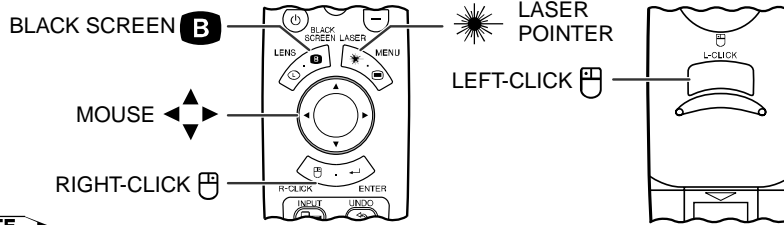
Use as a Wireless Mouse



Be sure the supplied remote mouse receiver is connected to your computer.

Slide the **MOUSE/ADJUSTMENT** switch to **MOUSE**.

Effective buttons in MOUSE mode



NOTE

- The wireless mouse may not operate correctly if your computer serial port is not correctly set up. Refer to the computer's operation manual for details of setting up/installing the mouse driver.
- For one-button mouse systems, use either the **LEFT-CLICK** or **RIGHT-CLICK** button.

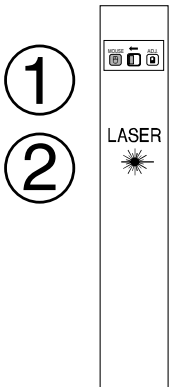
Using the remote control in a dark room

Press **BACKLIGHT**, and the buttons will light up. Green lights refer to mouse operations, and red lights to projector adjustments.

Button name	Position of MOUSE/ADJUSTMENT switch	
	MOUSE (M)	ADJ. (A)
LASER POINTER/MENU	LASER POINTER (GREEN)	MENU (RED)
BLACK SCREEN/LENS	BLACK SCREEN (GREEN)	LENS (RED)
RIGHT-CLICK/ENTER	RIGHT-CLICK (GREEN)	ENTER (RED)
MOUSE/ADJUSTMENT	MOUSE (NOT LIT)	ADJUSTMENT (NOT LIT)
LEFT-CLICK	ON (NOT LIT)	—
POWER ON/OFF	ON (RED)	
VOLUME+ / -		
MUTE		

Button name	Position of MOUSE/ADJUSTMENT switch	
	MOUSE (M)	ADJ. (A)
INPUT	ON (RED)	
UNDO		
FREEZE		
AUTO SYNC		
ENLARGE		
RESIZE		
TOOLS		
GAMMA		

Use as a Laser Pointer



- 1
- 2

Slide the **MOUSE/ADJUSTMENT** switch to **MOUSE**.

Press **LASER POINTER** (★) to activate the laser pointer. When the button is released, the light automatically goes off.

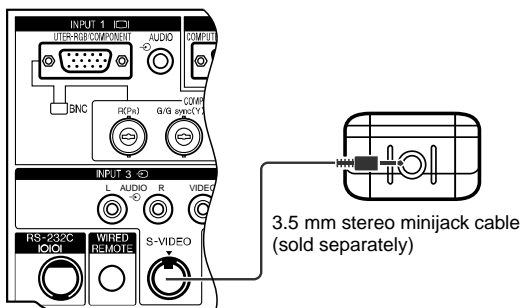
NOTE

- For safety, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on, release **LASER POINTER** (★) and press again.

CAUTION

- Do not look into the laser pointer window or shine the laser beam on yourself or others. (The laser beam used in this product is harmless when directed onto the skin. However, be careful not to project the beam directly into the eyes.)

Wired Remote Control



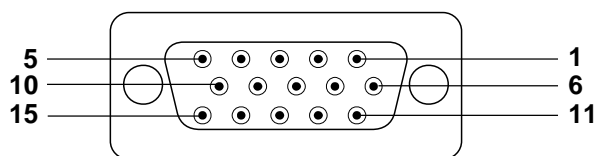
When the remote control cannot be used due to the range or positioning of the projector (rear projection, etc.), connect a 3.5 mm stereo minijack cable (sold separately) from the wired remote control input on the bottom of the remote control to the **WIRED REMOTE** control input terminal on the rear of the projector.

NOTE

- The laser pointer and wireless mouse functions can still be operated with the wired remote control.

Connection Pin Assignments

Analog Computer 1 and 2 Signal Input Ports: 15-pin mini D-sub female connector



Computer Input

Analog

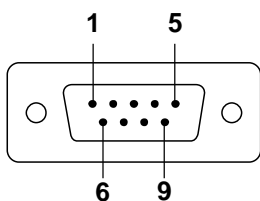
- | | |
|--------------------------------------|----------------------------|
| 1. Video input (red) | 9. Not connected |
| 2. Video input (green/sync on green) | 10. GND |
| 3. Video input (blue) | 11. GND |
| 4. Reserve input 1 | 12. Bi-directional data |
| 5. Composite sync | 13. Horizontal sync signal |
| 6. Earth (red) | 14. Vertical sync signal |
| 7. Earth (green/sync on green) | 15. Data clock |
| 8. Earth (blue) | |

Component Input

Analog

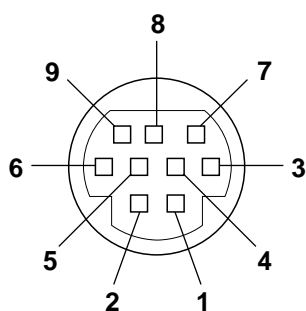
- | | |
|-------------------------------------|-------------------|
| 1. P _R (C _R) | 9. Not connected |
| 2. Y | 10. Not connected |
| 3. P _B (C _B) | 11. Not connected |
| 4. Not connected | 12. Not connected |
| 5. Not connected | 13. Not connected |
| 6. Earth (P _R) | 14. Not connected |
| 7. Earth (Y) | 15. Not connected |
| 8. Earth (P _B) | |

RS-232C Port: 9-pin D-sub male connector of the DIN-D-sub RS-232C cable



Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready	Output	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	CI			Not connected

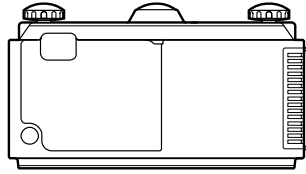
RS-232C Terminal: 9-pin Mini DIN female connector



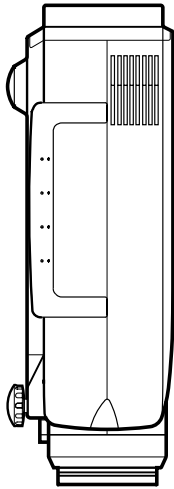
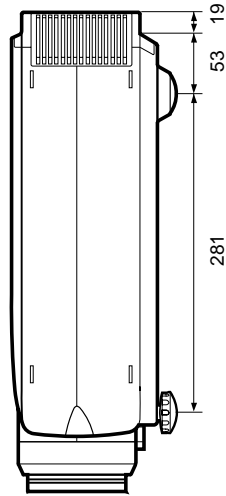
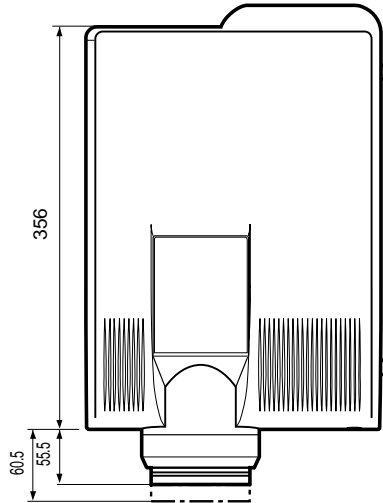
Pin No.	Signal	Name	I/O	Reference
1	VCC	+3.3V (Reserved)	Output	Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	EXIR	Detector of Option Unit (Reserved)	Input	Not connected
5	SG	Signal Ground		Connected to internal circuit
6	ERX	IR Receive Signal from IR Amplifier (Reserved)	Input	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	ETX	IR Transmit Signal (Reserved)	Output	Not connected

Dimensions

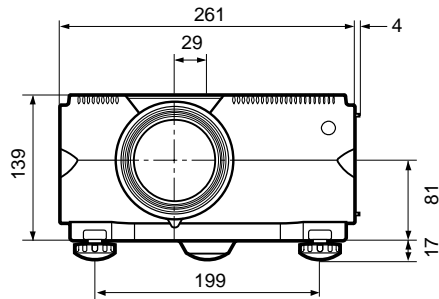
Rear View



Top View

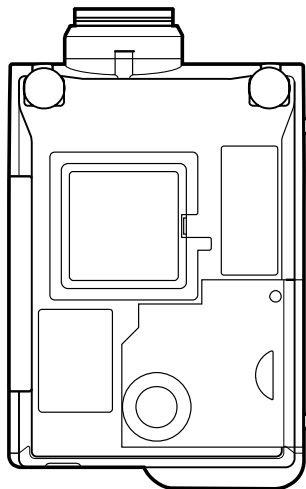


Side View



Front View

Bottom View



Units: mm

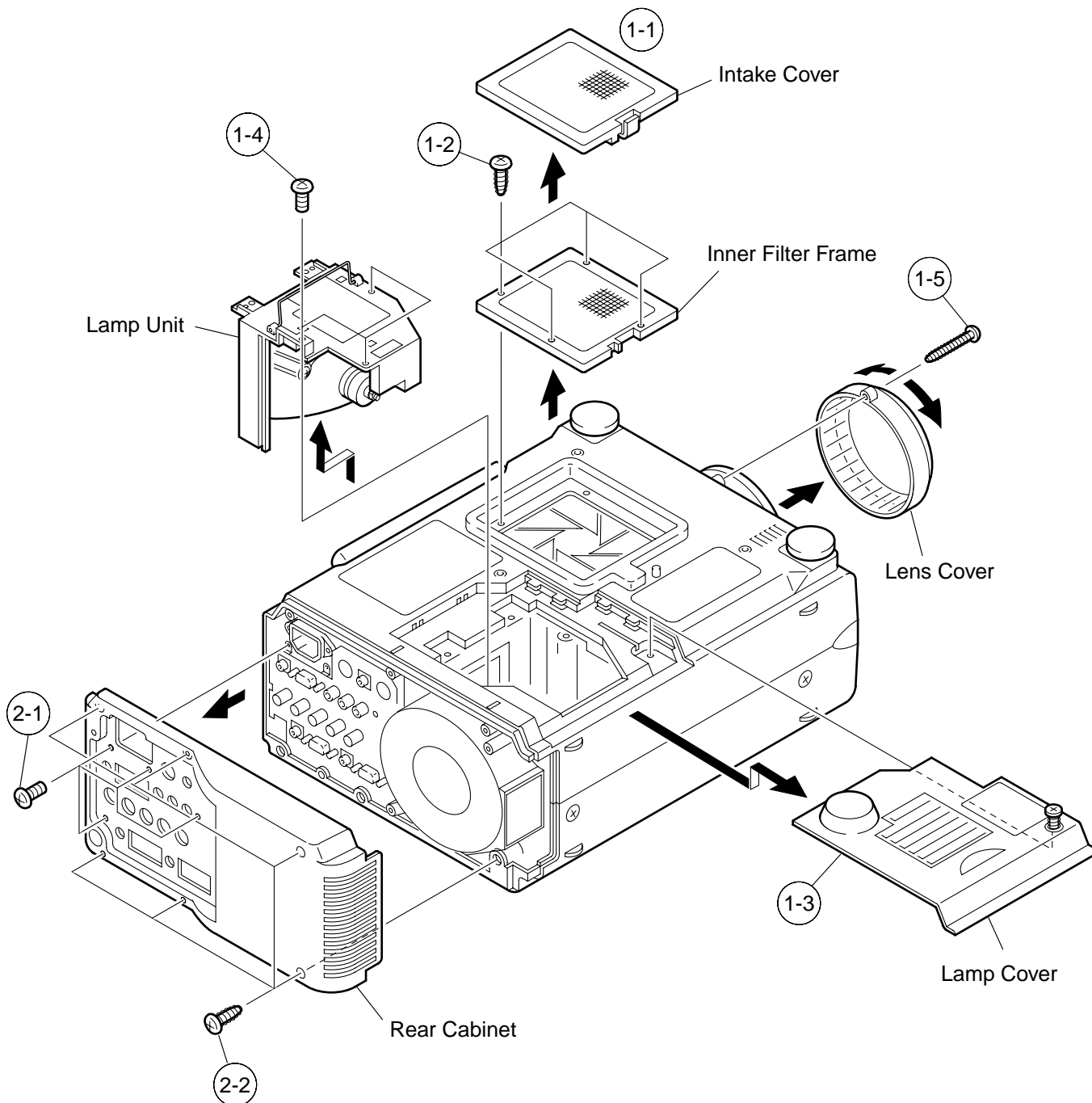
REMOVING OF MAJOR PARTS

1. Removing the Intake cover, lamp unit and lens cover.

- 1-1. Detach the Intake cover.
- 1-2. Remove the four lock screws off the inner filter frame. Detach the frame.
- 1-3. Remove the lock screw off the lamp cover. Slide and detach the lamp cover.
- 1-4. Remove the three lock screws off the lamp unit and detach the lamp unit.
- 1-5. Remove the lens cover lock screw, and turn and detach the lens cover.

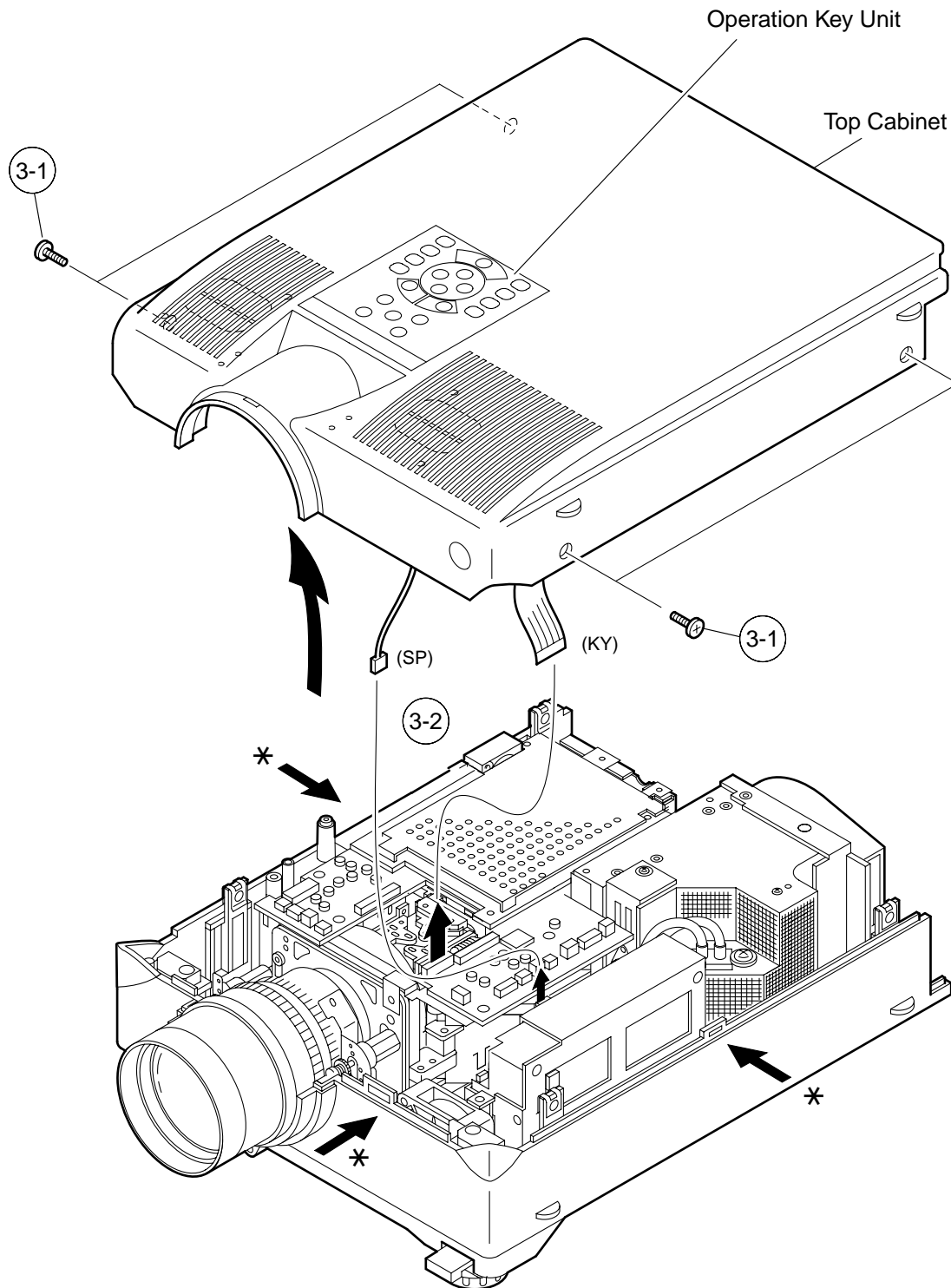
2. Removing the rear cabinet.

- 2-1. Remove the four lock screws off the terminal board.
- 2-2. Remove the six lock screws off the rear cabinet. Detach the rear cabinet.



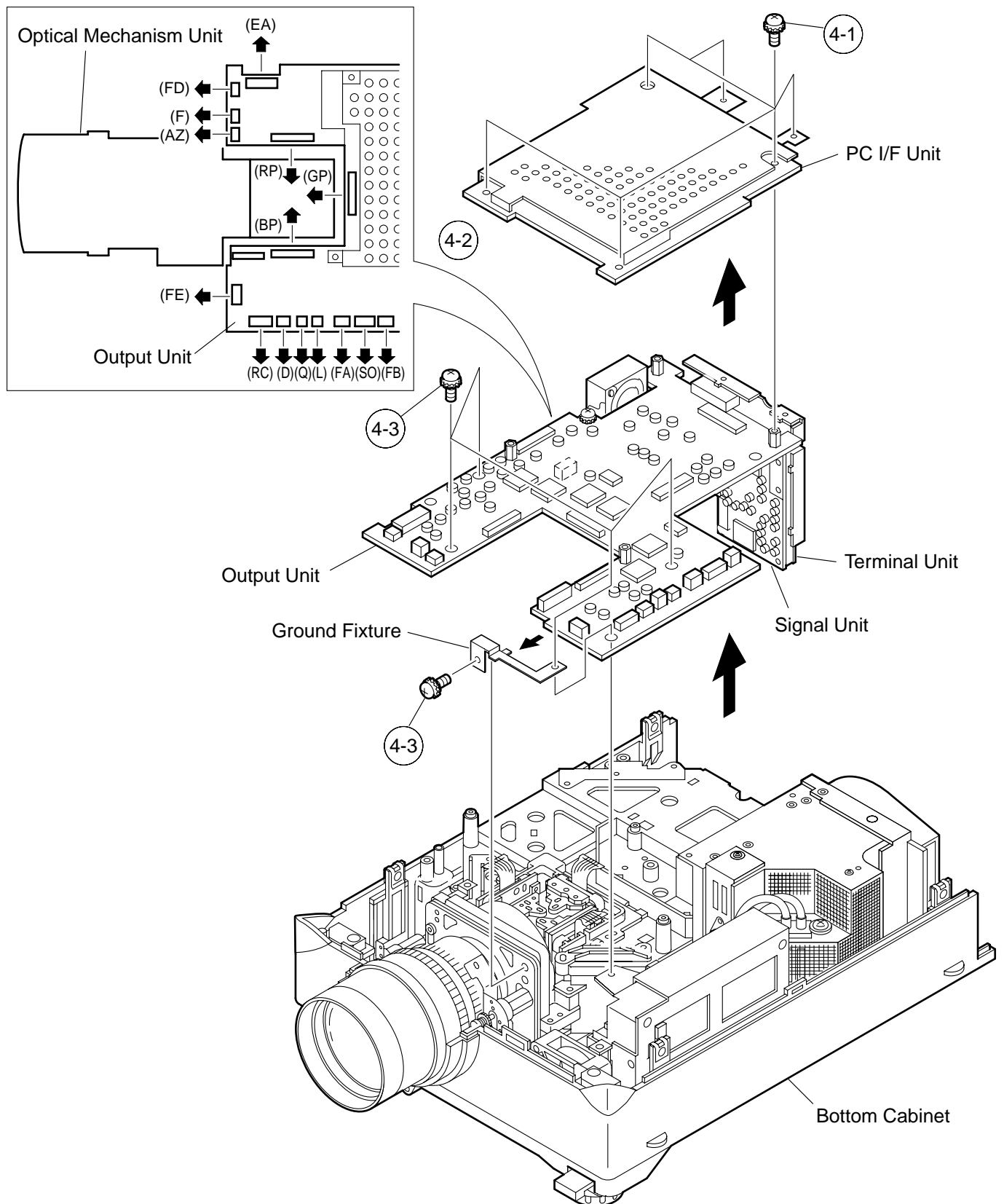
3. Removing the top cabinet.

- 3-1. Remove the four lock screws off the top cabinet.
- 3-2. Unhook the top cabinet by pressing the center of both sides of the bottom cabinet as well as the hook on the front (all marked with *). Slowly lift the back of the cabinet and disconnect the operation key unit connector (KY) and the speaker connector (SP). Then detach the top cabinet.



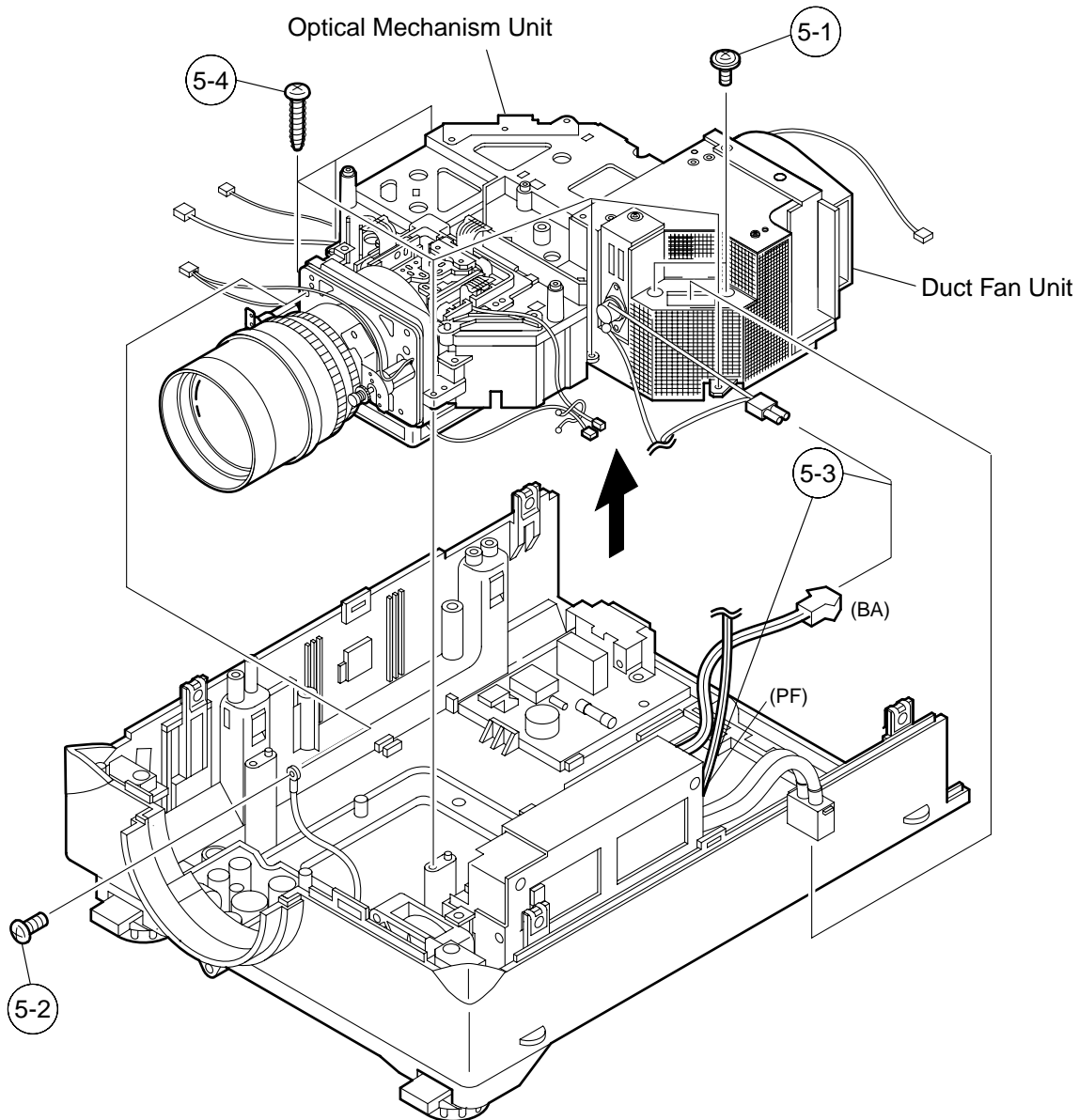
4. Removing the PWB units

- 4-1. Remove the six lock screws off the PC I/F unit. Lift and detach the unit off the output unit.
- 4-2. Disconnect the connectors from the output unit.
- 4-3. Remove the four lock screws off the output units. Remove also the lock screw off the ground fixture and detach the ground fixture. Lift and detach the output, terminal and signal units.



5. Removing the optical mechanism unit

- 5-1. Remove the two lock screws off the lamp socket holder. Detach the holder.
- 5-2. Disconnect the ground wire from the power unit.
- 5-3. Disconnect the connector(BA) from AC power switch and connector (PF) from the ballust unit.
- 5-4. Remove the six lock screws off the optical mechanism unit. Lift and detach the unit.



6. Removing the ballast / PFC / sound-out unit assembly.

6-1. Disconnect the ground wire from the inlet unit.

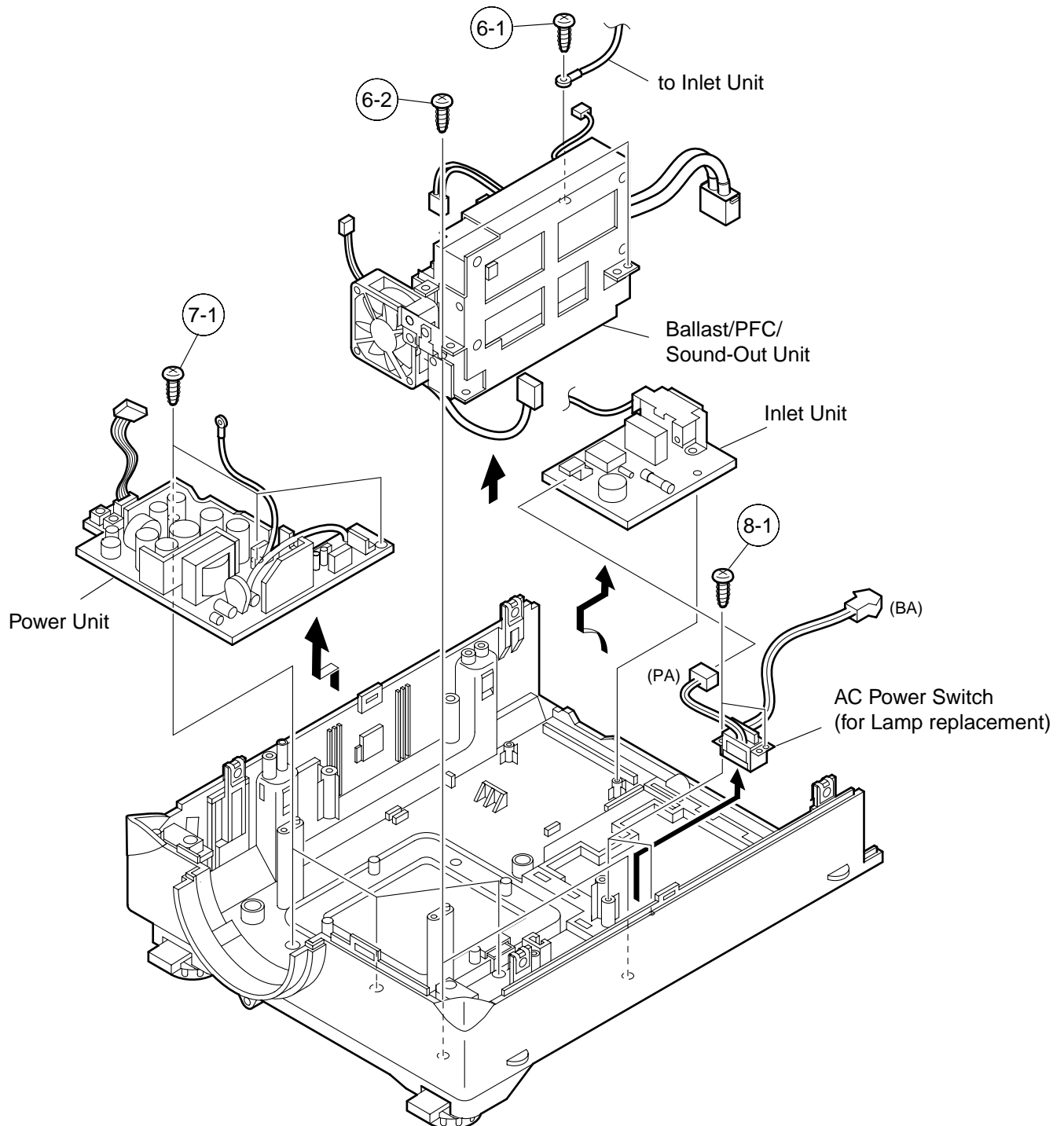
6-2. Remove the two lock screws off the ballast/PFC/sound-out unit assembly. Detach the assembly.

7. Removing the power unit

7-1. Remove the three lock screws off the power PWB. Detach the power unit.

8. Removing the AC power switch and inlet unit.

8-1. Remove the two lock screws off the AC power switch, disconnect the connector (PA) from the inlet unit, and detach the AC power switch and the inlet unit.

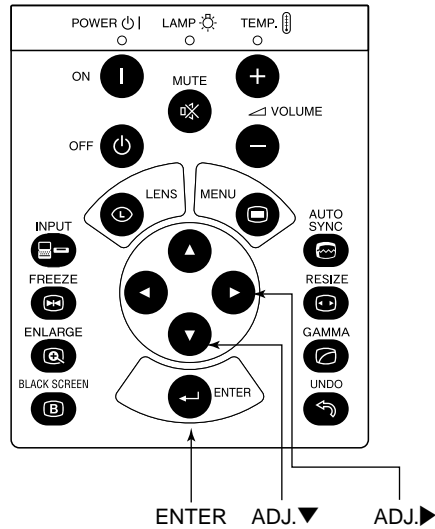


RESETTING THE TOTAL LAMP TIMER

When the lamp has been replaced, reset the total lamp timer in the following steps.

Resetting procedure

1. While holding down the “ENTER”, “ADJ.▼” and “ADJ.▶” keys on the set at the same time, turn on the POWER ON key.
2. Now the total lamp timer is reset to zero. “000H” appears on the screen.



Lamp



The lamp in this projector operates for approximately 1,000 cumulative hours, depending on the usage environment. It is recommended that the lamp be replaced after 900 cumulative hours of use or when you notice a significant deterioration of the picture and colour quality. The lamp usage time can be checked with the On-screen Display.

CAUTION

- Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

NOTE

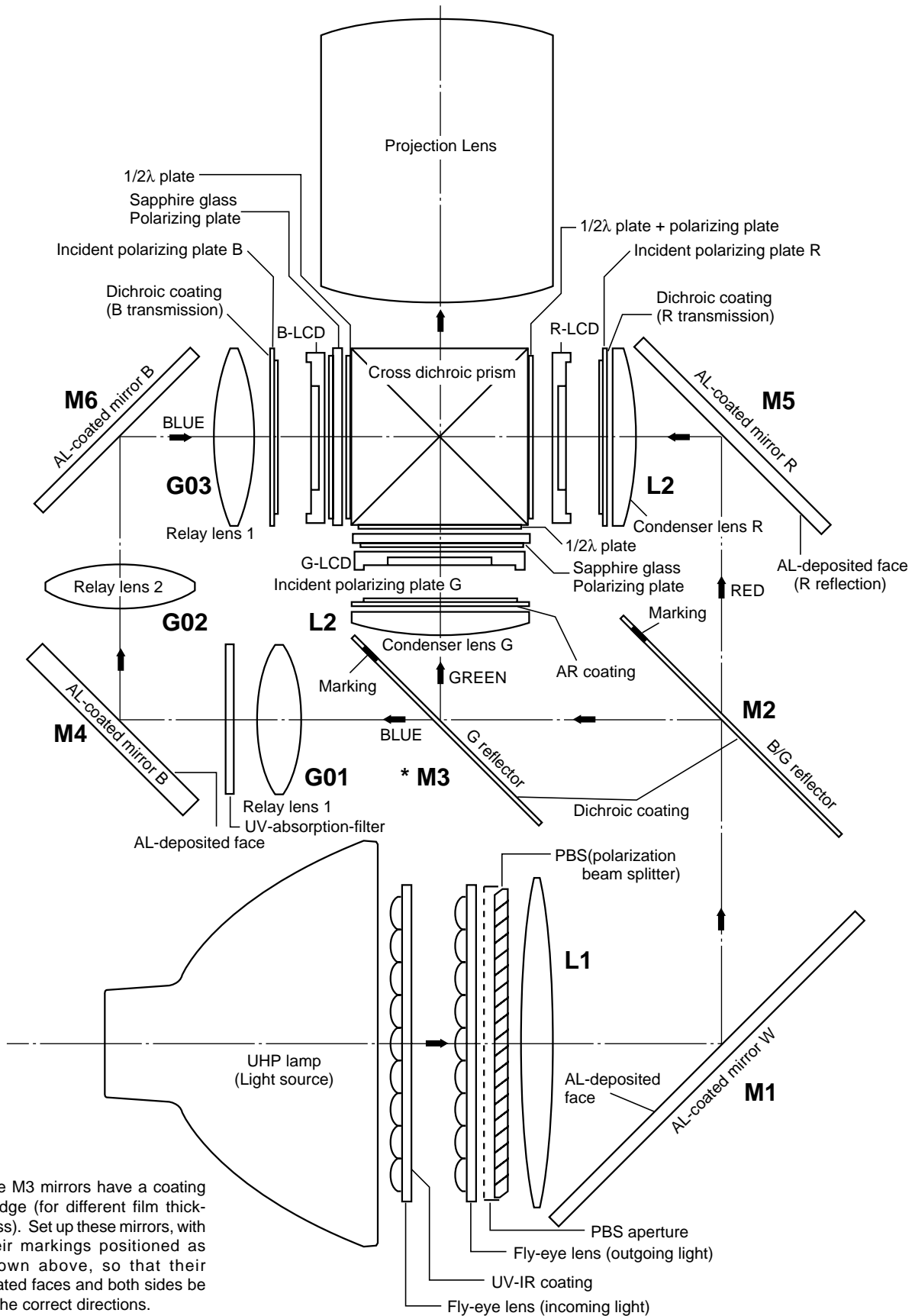
- As the usage environment can vary significantly, the projector lamp may not operate for 1,000 hours.

Condition	Problem	Possible Solution
The LAMP REPLACEMENT indicator lights up red, and “LAMP” and “  ” will flash in yellow in the lower-left corner of the picture.	<ul style="list-style-type: none"> • Lamp has been used for over 900 hours. 	<ul style="list-style-type: none"> • Purchase a replacement lamp unit (lamp/cage module) of the current type BQC-XGP10XE/1 from your nearest Sharp Authorised LCD Projector Dealer or Service Centre. • Replace the lamp. If you wish, you may have the lamp replaced at your nearest Sharp Authorised LCD Projector Dealer or Service Centre.
A significant deterioration of the picture and colour quality occurs.		
The power will automatically turn off and the projector will enter standby mode.	<ul style="list-style-type: none"> • Lamp has been used for over 1,000 hours. 	
“LAMP” and “  ” will flash in red in the lower-left corner of the picture, and the power will turn of		

THE OPTICAL UNIT OUTLINE

Layout of the optical system

Note: Layout for positioning the optical system.



* The M3 mirrors have a coating wedge (for different film thickness). Set up these mirrors, with their markings positioned as shown above, so that their coated faces and both sides be in the correct directions.

CONVERGENCE AND FOCUS ADJUSTMENT

- **Start the convergence and focus adjustments with the top cabinet and the LCD cover removed but the power on. Use the remote control to adjust the image. Take the following procedures.**

1. Focusing the projection lens

(A) Replacing all the 3 LCD panels

1. Before replacing all the 3 LCD panels, project an image on the screen and bring it into focus.
2. Replace the panels with new ones. But until the focus has been completely readjusted, be careful not to change the distance between the set and the screen, nor to move the projection lens focus and zoom rings.

If the focus is readjusted with a different positional relation, the relation between the projection distance and the screen size is affected. In other words, a short-distance image (40 WIDE, for example) may get out of the focus range, or a long-distance image (300 WIDE, for example) may come out of focus.

(B) Replacing 1 or 2 of the 3 LCD panels

1. In adjusting the focus after replacement of one or two LCD panels, project an image on the screen and turn the projection lens focus ring to get the non-replaced LCD panel into focus.
2. But until the focus has been completely adjusted for the new LCD panels, be careful not to change the distance between the set and the screen, nor to move the projection lens focus and zoom rings.
(If the distance has been changed or the projection lens readjusted, repeat the above steps 1 and 2.)

2. Adjusting the G-LCD panel

(A) Focus adjustment. (Make this adjustment on the white-only screen.)

1. Right-and-left focus adjustment (θY direction) .
Loosen the lock screws "b" and "c" and insert the eccentric screwdriver into the notch and hole "b". Turn the screwdriver until the right and left halves on the screen get into focus.
First get the right and left halves in balance. Then improve the accuracy while making the adjustment 2 below.
2. Top-center-bottom focus adjustment (θX and Z directions).
Loosen the lock screws "a" and "c" and insert the eccentric screwdriver into the notch and hole "a" or "c". Turn the screwdriver until the top, center and bottom on the screen get into focus. In adjusting this top-to-bottom focus, temporarily tighten the lock screw "b" to fix the θY direction adjustment.
3. Repeat the above steps 1 and 2 to finely adjust the focus. Finally tighten up all the lock screws.

Notes :

- ① Carefully proceed with the focus adjustment because the adjusting directions are correlated.
- ② In adjusting the convergence and focus, do not move the projection lens zoom and focus rings until the end of all the adjustments.

(B) Convergence adjustment

- The G-LCD panel has no convergence adjustment mechanism. Use this panel as convergence adjustment reference.

3. B-LCD panel adjustment (the same for the R-LCD panel)

(A) Focus adjustment

- Take the same procedure as for the G-LCD panel focus adjustment. Note that the adjustment range is small in the Z direction. If the convergence is quite different between the B-LCD and G-LCD panels, roughly adjust the convergence first and then the focus.

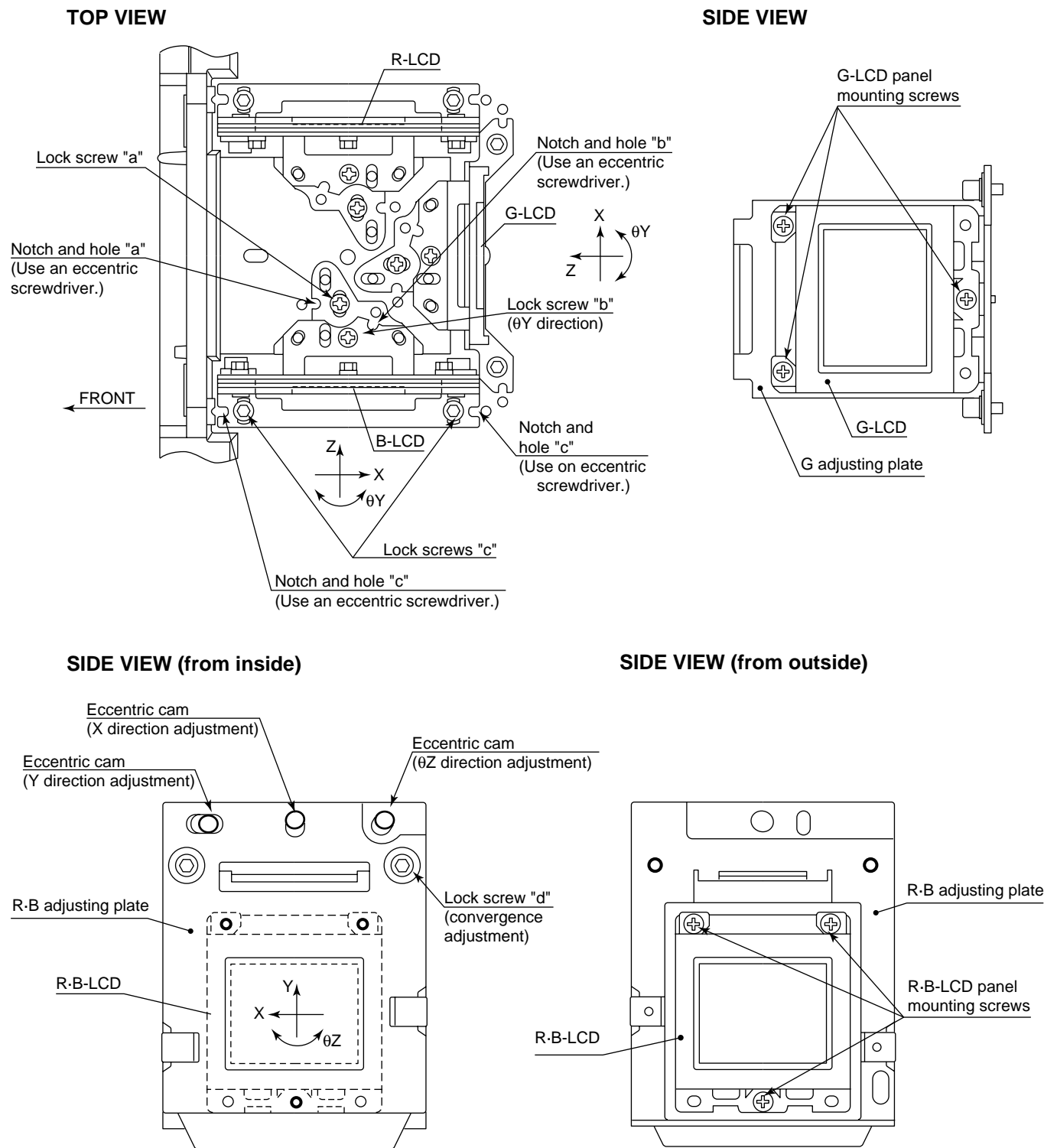
(B) Convergence adjustment

- Use a crosshatch pattern signal for this adjustment.
Make the adjustment just for the G-colour and the relevant colour.
 - (1) Loosen the convergence lock screw "d".
 - (2) With the G-LCD panel's screen center as reference, adjust the B-LCD panel in the X, Y and θZ directions.
 - (3) Finally tighten up the convergence lock screw "d".

Notes :

- ① The eccentric cam is used for convergence adjustment. This means that the cam's turning and the linear movement are not always uniform.
- ② This model is not equipped with the LCD image adjustment mechanism. This is because the dichroic prism is used for image formation. When the LCD panels all get into the best focus, the images are almost completely converged.

Convergence and Focus Adjustments Mechanism



Convergence and Focus Adjustments at a Glance

Adjustment directions

Adjustment	Direction	Definition	Direction of LCD panel
Convergence	X direction		LCD right and left
	Y direction		LCD top and bottom
	θZ direction	Rotation around Z axis	LCD turning axis
Focus	Z direction		LCD optical axis
	θX direction	Rotation around X axis	LCD top-to-bottom flapping
	θY direction	Rotation around Y axis	LCD right-to-left flapping

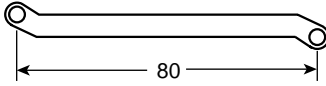
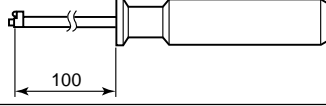
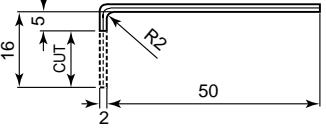
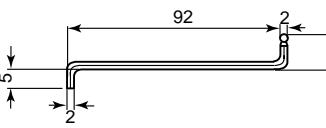
Convergence and Focus Adjustment for the Optical Mechanism

Colour	Adjustment	Direction	Movement	Position	Adjusting tool	Lock screw	Tightening tool
R/B colours	Convergence	X direction	$\pm 0.8\text{mm}$	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		Y direction	$\pm 0.8\text{mm}$	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		θZ direction	$\pm 1^\circ$	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
	Focus	Z direction	$\pm 0.8\text{mm}$	Notch and hole "a" & "c"	Eccentric screwdriver	a, c	Phillips screwdriver, *Hex wrench
		θX direction	$\pm 1^\circ$			a, c	
		θY direction	$\pm 1^\circ$			b, c	
G colour	Focus	Z direction	$\pm 0.2\text{mm}$	Same as for R and B colours			
		θX direction	$\pm 1^\circ$				
		θY direction	$\pm 1^\circ$				

Focus Adjustments the Other Way

Lock screw	Position	Related direction
a	Notch and hole "a"	Z and θX directions
b	Notch and hole "b"	θY direction
c	Notch and hole "c"	Z, θX and θY directions

Convergence and Focus Adjusting and Tightening Tools

Tool	Specific or General	Tool code	Configuration
Eccentric cam adjusting wrench	Specific	9DASPN-XGNV1U	
Eccentric screwdriver	Specific	9EQDRIVER-NV1A	
Hex wrench	General (redesigned)	9EQLNC-XGNV1U	
		9EQLNC-XGNV4U	
Phillips screwdriver	General	—	For M2.6 pan-head machine screw
*Hex wrench	General	—	Preferably use a 70 mm or longer screwdriver (with a handle).

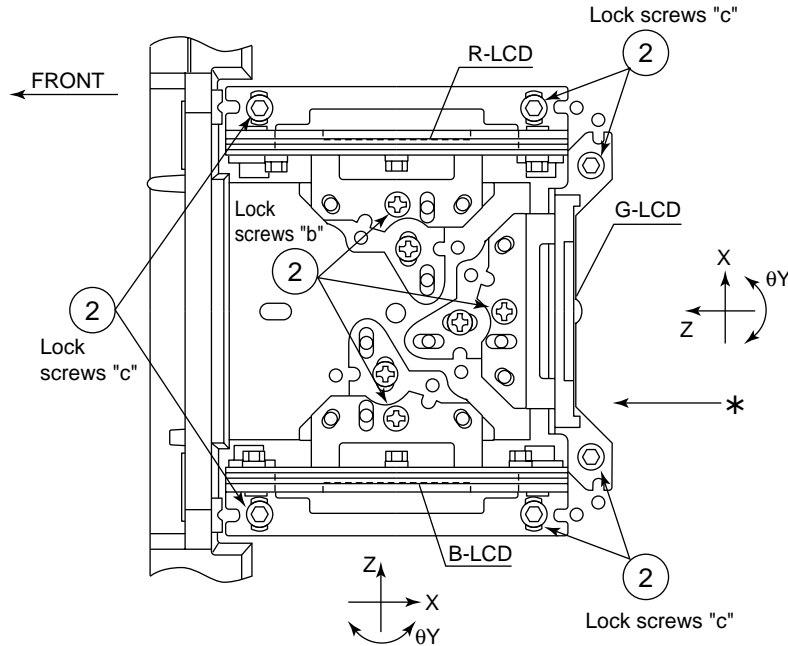
Replacing the LCDs

With the top cabinet removed

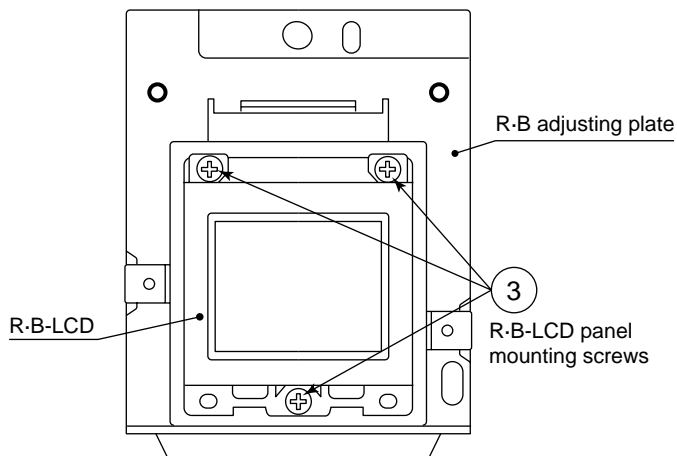
- (1) Disconnect the LCD flat cable from the output PWB connector.
- (2) Remove the lock screws "b" and "c". Detach the R/B adjusting plate or the G adjusting plate together with the LCD panel.
- (3) Separate the LCD panel from the adjusting plate.
- (4) Mount a new LCD panel in the reverse order of the above steps (1), (2) and (3).

* Readjust the convergence and focus. Note that the G LCD panel needs no convergence adjustment and has a small adjustment range in the Z direction.

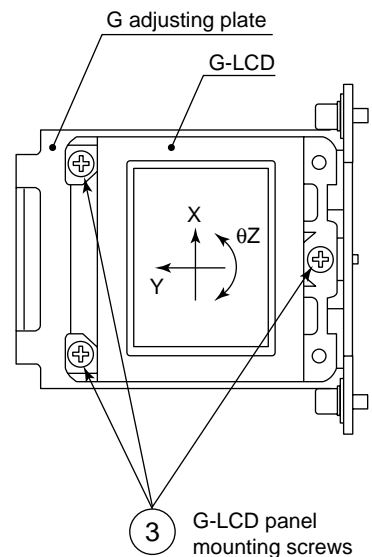
TOP VIEW



SIDE VIEW



SIDE VIEW

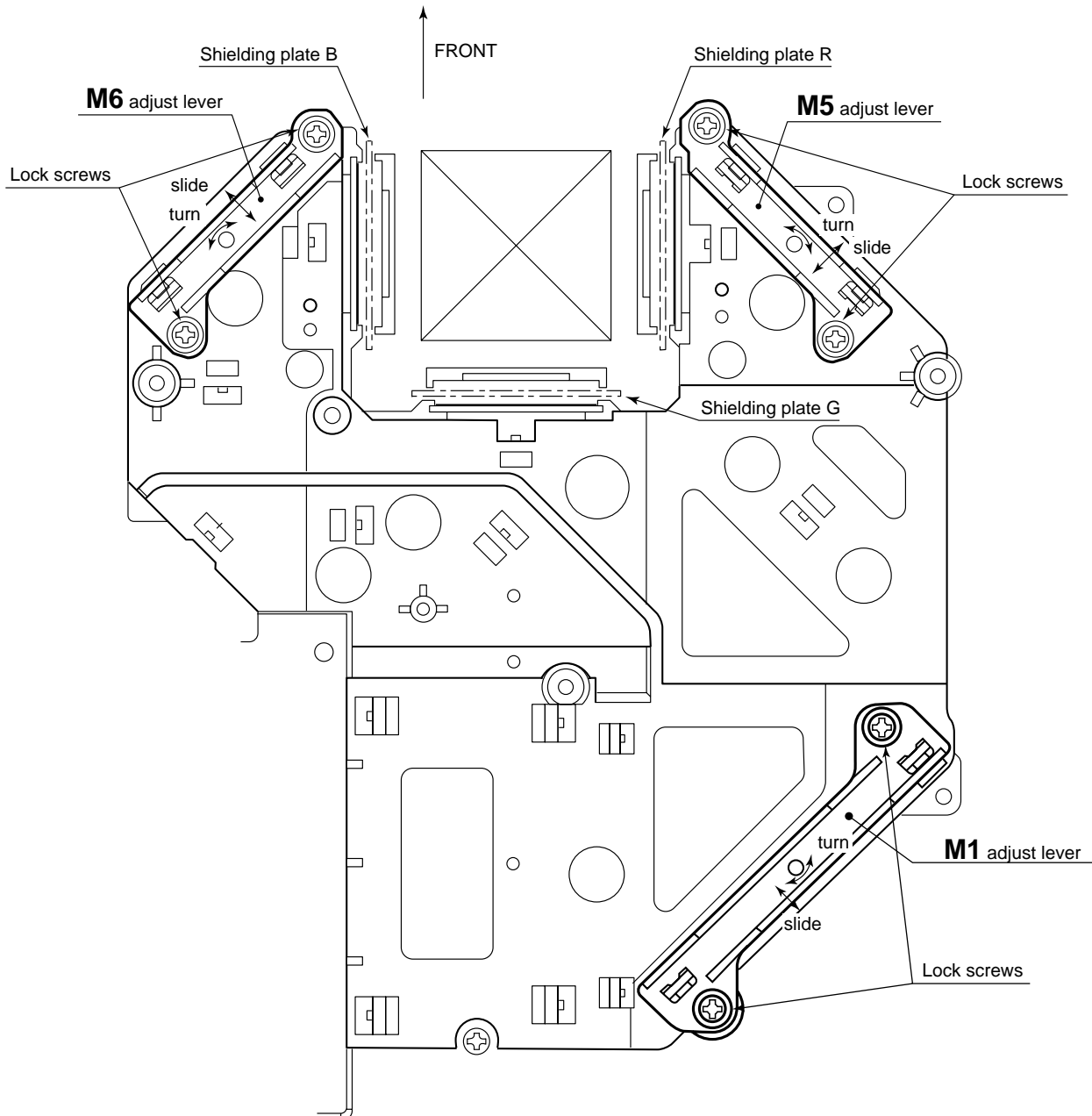


Adjusting the optical axis of the mirrors (M1, M5 and M6)

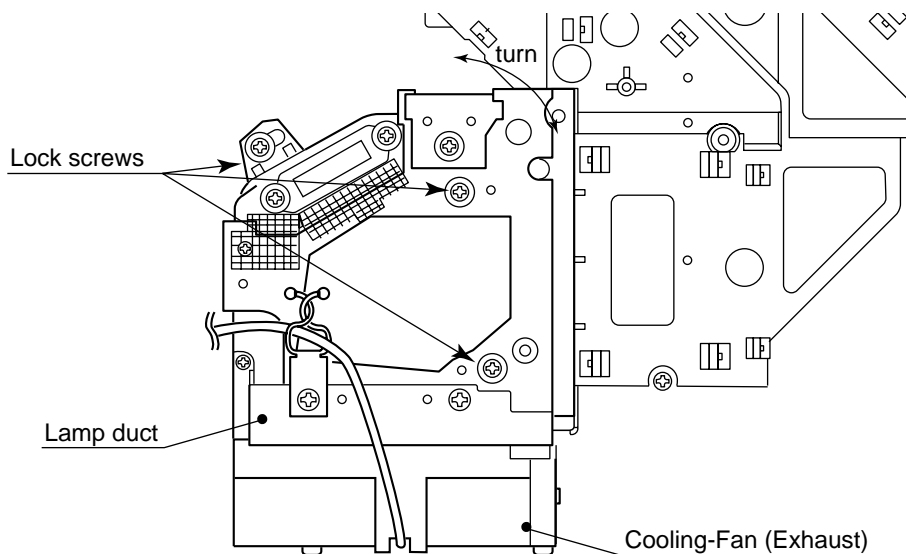
The optical axis must be readjusted if an eclipse happens with the R, G or B mirrors. Generally speaking, this adjustment is needed when any of the internal optical components has been replaced.

Adjustment procedure required when any of the panels has been replaced or the convergence has been adjusted

- (1) Disconnect the flat cables of all the LCD panels.
- (2) Let the lamp light up.
- (3) To adjust the G mirror, shield the R and B mirrors with shielding plates (You can use a business card or the like to block the light).
- (4) Loosen the lock screw of the M1 adjust lever.
- (5) Looking at the G image on the screen, turn or slide the M1 adjust lever until the eclipse on the screen disappears. Tighten up the screw.
- (6) To adjust the R mirror, shield the G and B mirrors and adjust the M5 adjust lever. For the B mirror, shield the R and G mirrors and adjust the M6 adjust lever. (Take the same steps 4 and 5 above.)
- (7) Remove all the shielding plates to have a white image. Make sure there is no eclipse.



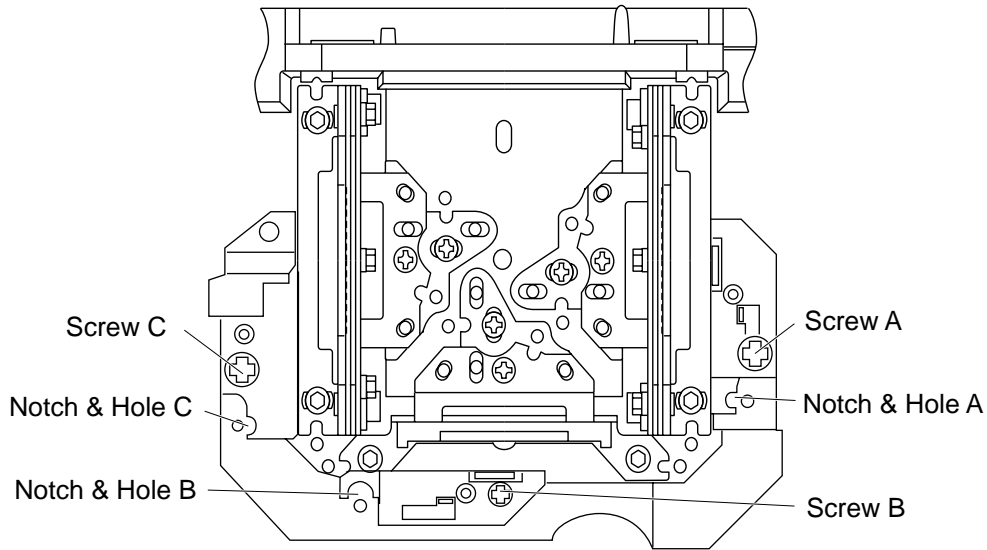
Adjusting the lamp duct.



Adjustment procedure required when the lamp has been replaced and you can see ununiformity. (Case of Right and Left have ununiformity on the screen)

- (1) Let the lamp light up.
- (2) Receive the white pattern signal at 100%.
- (3) Loosen the lock screws of the lamp duct.
- (4) Looking at the white image on the screen, turn the lamp duct until the uniformity comes to best point on the screen.
- (5) Tighten the lock screws of the lamp duct. (Tighten torque is $10 \pm 2 \text{kg}\cdot\text{cm}$)

Adjustment of incident polarizing plate. (Carry it out when removing polarizingplate.)



(From the condition that the top cabinet opens.)

1. Remove a screws, earth plate from the output PWB.
2. Extend each FFC cable of R, G, B (Using QCNW-4852CEZZ:Extension Cable 32-pin LCD Panel-Output) and try so that it can move a PWB so that it can see the part which adjusts polarizing plate from the top.
3. Turn on the power, and indicate a black screen on the screen.

<Adjusting the G-LCD incident polarizing plate.>

4. Move an output PWB so that you can see screw B and notch & hole B.
5. Put an eccentric screwdriver in notch & hole B, and loosen screw B.
(Loosen it too much, and be careful that the screw doesn't come off.)
6. Adjust with the eccentric screwdriver in the place where a brightness is the lowest, and tighten screw B, and fix it with seeing a black screen.

Adjust it with screw C and notch & hole A when adjusting incident polarizing plate of R-LCD.

Adjust it with screw C and notch & hole C when adjusting incident polarizing plate of B-LCD.

※ Adjust it in the turn of Green, Red, Blue with 3 place of RGB as well when adjusting it.

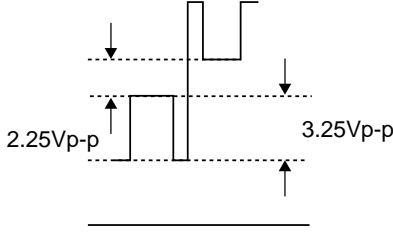
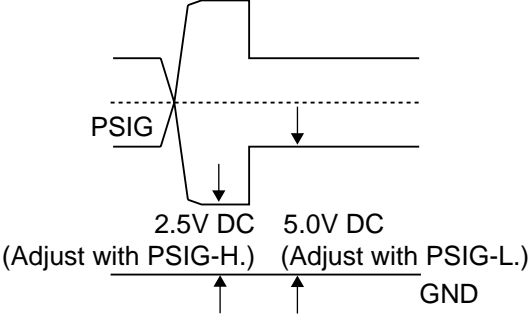
※ Be careful not to make it short-circuit when moving an output PWB.

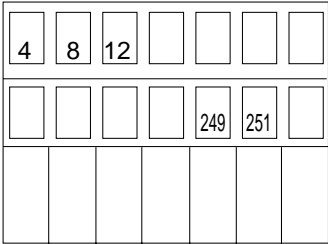
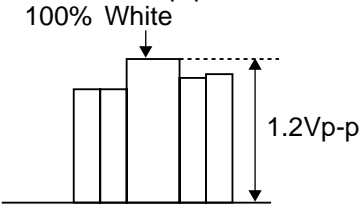
Colour	adjustment	Adjustment direction	Amount of adjustment.	Adjustment place form	Ajdstment jig	Fixing screw	Fixed screw tool.
Red	polarizing plate adjustment	θ direction	±1°	Notch & Hole A	eccentric screwdriver	A	Phillips screwdriver
Green	polarizing plate adjustment	θ direction	±1°	Notch & Hole B	eccentric screwdriver	B	Phillips screwdriver
Blue	polarizing plate adjustment	θ direction	±1°	Notch & Hole C	eccentric screwdriver	C	Phillips screwdriver

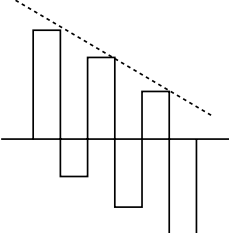
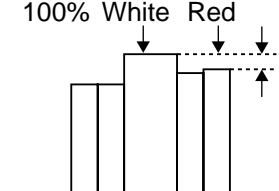
ELECTRICAL ADJUSTMENT

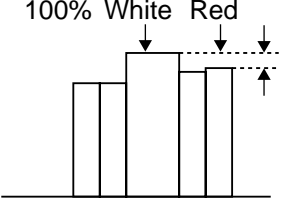
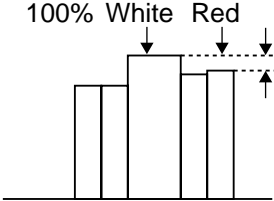
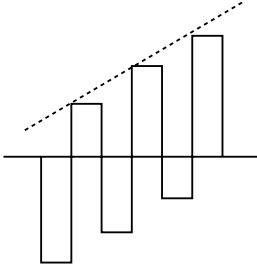
Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

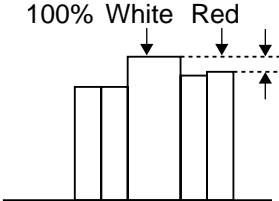
No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	EEPROM initialization	1. Turn on the power (make sure the lamp lights up) and warm up the unit for 15 minutes.	<ul style="list-style-type: none"> Make the following settings: Press S2601 to call up the process mode and execute S2 and S4 in the SSS menu. Now the system, with the PC board not included, is initialized. Do not execute S1 because otherwise the PC board will be initialized. To adjust the PC board, follow the instruction in "Adjusting the PC Interface". (See page 32)
2	3.3V power supply adjustment	<ol style="list-style-type: none"> Turn on the power. Connect the digital voltmeter to TP7201. 	<ul style="list-style-type: none"> Adjust VR704 so that the voltmeter should read $3.300\text{ V} \pm 100\text{ mV}$.
3	2.6V power supply adjustment	<ol style="list-style-type: none"> Turn on the power. Connect the digital voltmeter to TP7202. 	<ul style="list-style-type: none"> Adjust R705 so that the voltmeter should read $2.600\text{ V} \pm 50\text{ mV}$.
4	R drive	<ol style="list-style-type: none"> Make the following choice. Group : A/D Feed the 100% red-only signal. Make the following choice. Group : A/D Subject : R-D 	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
5	B drive	<ol style="list-style-type: none"> Feed the 100% blue-only signal. Make the following choice. Group : A/D Subject : B-D 	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
6	G drive	<ol style="list-style-type: none"> Feed the 100% green-only signal. Make the following choice. Group : A/D Subject : G-D 	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).

No.	Adjusting point	Adjusting conditions	Adjusting procedure
7	RGB 1 system black level signal amplitude (odd-numbered)	1. Make the following choice: Group : OUTPUT 1 Subject : R1-BLK R1-GAIN For green, choose the subjects G1-BLK and G1-GAIN. For blue, choose the subjects B1-BLK and B1-GAIN. 2. Connect the oscilloscope to TP1101 for red. TP1201 for green TP1301 for blue	<ul style="list-style-type: none"> Choose the subject R1-GAIN and adjust the signal amplitude to 3.25 ± 0.03 Vp-p using the control switches or the remote controller buttons. Next, choose the subject R1-BLK and adjust the white peak level to $2.25\text{Vp-p} \pm 0.02\text{V}$.  <ul style="list-style-type: none"> Make the same adjustments for green and blue.
8	Offset voltage adjustment	1. Feed the 50% R, G, B pattern signal. 2. Select the following subject. Group : OUTPUT2 Subject : R-OFFSET Select the subjects G-OFFSET and B-OFFSET for the green and blue colours, respectively.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the every 6 dots vertical lines are same brightness.
9	P SIGNAL	1. Connect the oscilloscope to TP1102 for red. TP1202 for green TP1302 for blue. 2. Make the following choice: Group : OUTPUT 2 Subject : PSIG-H : PSIG-L	<ul style="list-style-type: none"> Adjust the PSIG waveform to the one shown below.  <ul style="list-style-type: none"> For the green and blue colours, make sure their waveforms are similar to that of the red colour.
10	Sample-and-hold pulse phase RCK-PHASE GCK-PHASE BCK-PHASE	1. Feed the XGA mode 75-Hz black signal. 2. Make the following choice: Group : OUTPUT 3 Subject : SH-PHASE (Have the standard level at 8.) Fix the RCK-, GCK- and BCK-PHASE settings all to 8.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, make sure that the "OUTPUT 3" characters are not blurry and there is no ghost image. If such blur or ghost occurs, finely adjust the setting in the range of 7~9.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
11	RGB counter-voltage adjustment	1. Feed the black-and-red (25%) stripe signal (XGA). 2. Make the following choice: Group : OUTPUT 3 Subject : RC (R)	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data in order to minimize the flicker. Make the same adjustment for BC (B) and GC (G). See if the image is equally adjusted at the center and both sides of the screen. If not, readjust the setting to have the image equal at right and left.
12	RGB gradation regeneration adjustment	1. Feed the INFO COM. gray scale and colour bar pattern. 2. Make the following choice: Group : OUTPUT 1 Subject : G1-BLK	<ul style="list-style-type: none"> Make sure that scale (white side) to No.251 and scale (black side) to No.8 can be seen. If white scale can't be seen properly, readjust with G1-BLK. 
13	RGB white balance	1. Feed the 32-step gray scale signal (XGA 60Hz). Group : OUTPUT 1 Subject : R1-BLK (R) R1-GAIN(R) B1-BLK (B) B1-GAIN(B)	<ul style="list-style-type: none"> Adjust the R1-BLK and B1-BLK data for the black balance on the gray scale. Then adjust the R1-GAIN and B1-GAIN data for the center-to-white balance on the gray scale. (Adjust to the best point.)
14	Horizontal center	1. Feed the NTSC mono-scope pattern signal. 2. Group : VIDEO 2 Subject : N358-DLY (0) N443-DLY (0) PAL-DLY (3) SECAM-DLY (0) Make sure the settings are as above. 3. Group : VIDEO 1 Subject : NTSC-H	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data to have the same overscan.
15	Video picture adjustment	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : PICTURE 2. Connect the oscilloscope between pin (1) of P801 and GND.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 1.2 ± 0.03 Vp-p. 

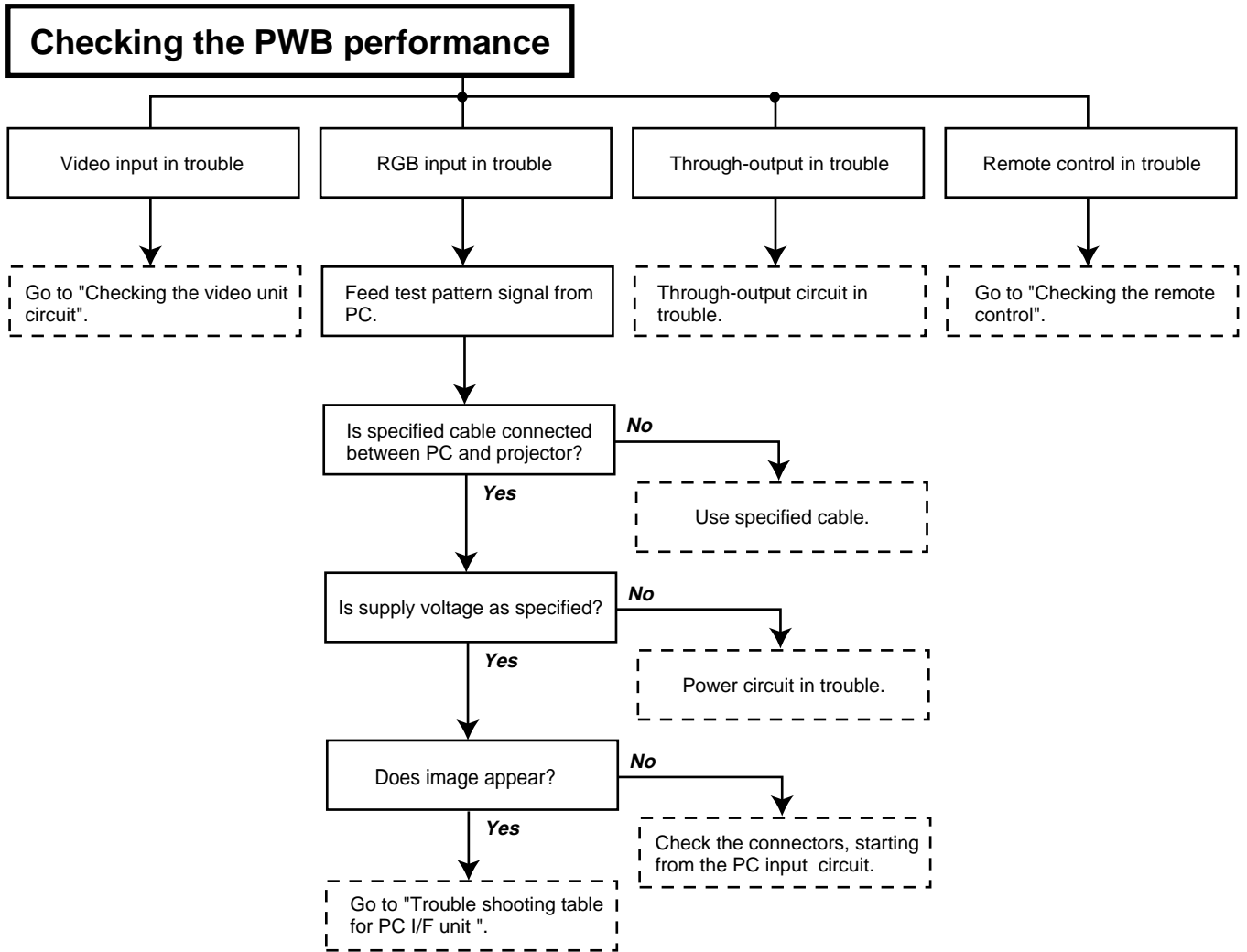
No.	Adjusting point	Adjusting conditions	Adjusting procedure
16	Video OFFSET adjustment	1. Feed the split colour bar signal. Group : VIDEO 2 Subject : VBOS(R) VROS(G) VROS(B) 2. Press the control switch or mute button of R/C. (GAMMA compensation is set up for the process.).	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the black portion of the signal becomes bit-less.
17	Video AGC	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : AGC 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the 100% portion of white signal becomes bit-less .
18	Video brightness adjustment	1. Feed the baseband (split colour bar) signal. Group : VIDEO 1 Subject : BRIGHT 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the setting until the black signal becomes bit-less.
19	Tint	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : TINT 2. Connect the oscilloscope to pin (4) of P801.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data to have the -(B-Y) waveform downhill straight. 
20	NTSC colour saturation level	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : N-COLOR 2. Connect the oscilloscope to pin (1) of P801.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.10 ± 0.02 Vp-p. (same as 100% white) 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
21	PAL colour saturation level	1. Feed the PAL colour bar signal. Group : VIDEO 1 Subject : P-COLOR 2. Connect the oscilloscope to pin (1) of P801.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.20 ± 0.01 Vp-p.  <p>The diagram shows a series of vertical bars representing a color bar signal. The tallest bar is labeled '100% White' and the shortest bar is labeled 'Red'. A horizontal dashed line is drawn across the top of the bars. A vertical double-headed arrow indicates the height difference between the top of the 'Red' bar and the '100% White' bar.</p>
22	SECAM colour saturation level	1. Feed the SECAM colour bar signal. Group : VIDEO 1 Subject : S-COLOR 2. Connect the oscilloscope to pin (1) of P801.	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the data to have a level difference of 0.20 ± 0.01 Vp-p between the 100% white portion and the red portion.  <p>The diagram shows a series of vertical bars representing a color bar signal. The tallest bar is labeled '100% White' and the shortest bar is labeled 'Red'. A horizontal dashed line is drawn across the top of the bars. A vertical double-headed arrow indicates the height difference between the top of the 'Red' bar and the '100% White' bar.</p>
23	Video white balance	1. Feed the NTSC monoscope pattern signal Group : VIDEO 2 Subject : R1-GAIN B1-GAIN	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colourless.
24	DVD Contrast	1. Feed the colour bar signal of the 480I component signal to the BNC G(Y) input terminal. 2. Select the following subject. Group : DVD Subject : CONTRAST	<ul style="list-style-type: none"> Using the control switches or the remote controller buttons, adjust the 100% portion of white signal becomes bit-less .
25	DVD Tint	1. Feed the colour bar signal of the 480I component signal to the BNC Y, Pb and Pr input terminals. Feed the sync signal only for the Y signal. 2. Select the following subject. Group : DVD Subject : TINT 3. Connect the oscilloscope to pin (2) of P801.	<ul style="list-style-type: none"> Using the control switch or the button on the remote controller, adjust the B-Y waveform to form a straight slope.  <p>The diagram shows a waveform with several vertical bars of varying heights. A dashed line is drawn through the tops of the bars, showing a straight upward slope from left to right.</p>

No.	Adjusting point	Adjusting conditions	Adjusting procedure
26	DVD Colour	<ol style="list-style-type: none"> 1. Feed the colour bar signal of the 480I component signal to the BNC G(Y) input terminal. 2. Select the following subject. Group : DVD Subject : COLOR 3. Connect the oscilloscope to pin (1) of P801. 	<ul style="list-style-type: none"> • Adjust the level difference between the 100% white and red portions to 0.13 ± 0.02 Vp-p. 
27	DVD input system panel signal amplitude adjustment	<ol style="list-style-type: none"> 1. Feed the 10 step signal to G(Y) terminal of BNC terminal. 2. Select the following subject. Group : DVD Subject : R1-GAIN B1-GAIN 3. Connect the oscilloscope to TP1101(R) and TP1201 (G) 4. Connect the oscilloscope to TP1301(B) and TP1201 (G) 	<ul style="list-style-type: none"> • Choose R1-GAIN, and adjust so that the amplitude of the R signal and the amplitude of the G signal may become the same. • As for blue as well, adjust it in the same way.
28	DVD White balance adjustment	<ol style="list-style-type: none"> 1. Feed the NTSC monoscope signal to G(Y) input terminal of the BNC terminal. 2. Select the following subject. Group : DVD Subject : R1-BLK B1-BLK 	<ul style="list-style-type: none"> • Adjust so that a white balance may become the best condition by using the control switch or buttons of the R/C.
29	Colour irregularity correction position	<ol style="list-style-type: none"> 1. Feed the gray-only RGB colour signal. (XGA 60Hz) 2. Find the colour irregularity position on the screen. 3. Group : NOKO Subject : NOKO-RL 	<ul style="list-style-type: none"> • If the colour is irregular, adjust the NOKO-RL data. Set it to R for the right-hand colour irregularity and to L for the left-hand one. • If there is no colour irregularity, turn off the saw-tooth correction using SW4201.
30	Colour irregularity correction gain (in case of colourirregularity)	<ol style="list-style-type: none"> 1. Feed the gray-only RGB colour signal. (XGA 60Hz) 	<ul style="list-style-type: none"> • Adjust R4215 to minimize the right-hand and left-hand colour irregularity.

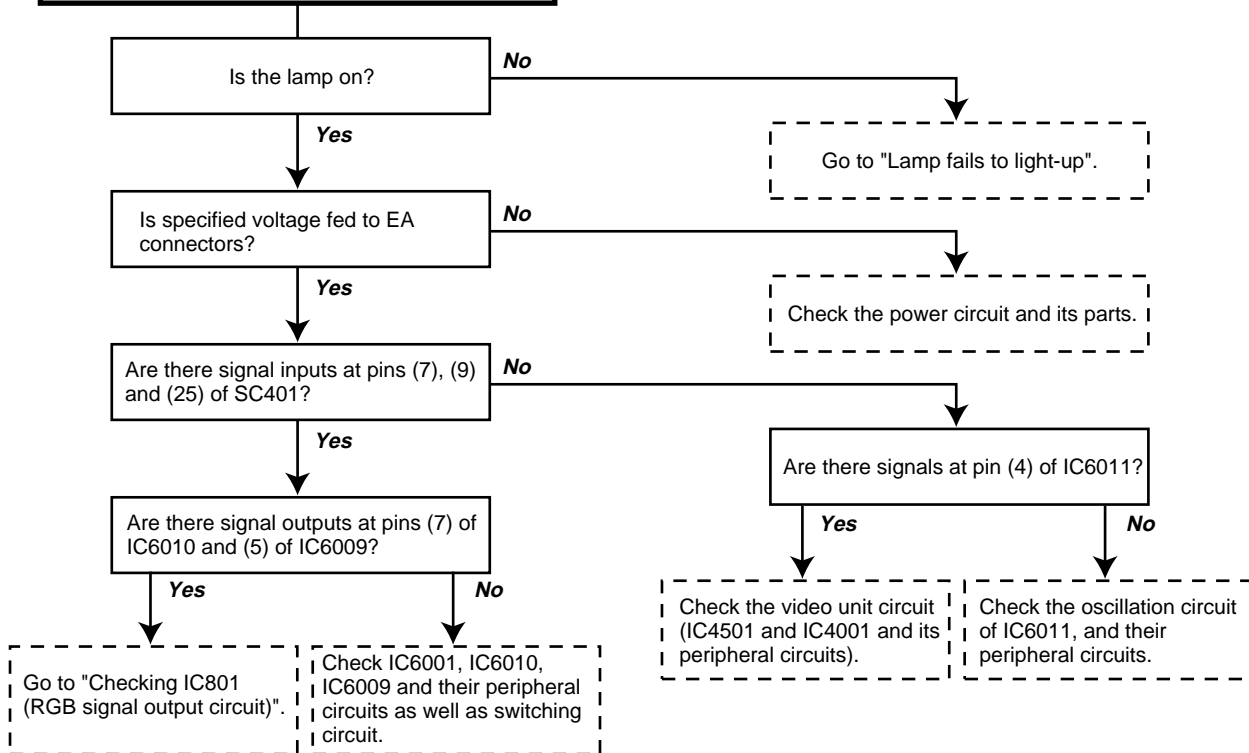
No.	Adjusting point	Adjusting conditions	Adjusting procedure				
31	Checking and readjustment of white balance	1.The adjustment condition of each item is as mentioned in the following. RGB input:Refer to No.13 VIDEO input:Refer to No.23 DVD input:Refer to No.28 2. A digital television does compensation adjustment by using "CR-OFFSET" or "CB-OFFSET".	<ul style="list-style-type: none"> ● Make sure that a white balance is the best condition. ● Make this adjustment after finishing the above adjustment. 				
32	Colour system performance check	1. Receive the colour bar signal.	<ul style="list-style-type: none"> ● In the process mode and select L1. Check the colour and tint. 				
33	Video system performance check	1. Receive the monoscope pattern signal.	<ul style="list-style-type: none"> ● In the process mode and select L2. Check the picture, brightness and sharpness. 				
34	Audio system performance check		<ul style="list-style-type: none"> ● In the process mode nad select L3. Check the bass, treble and balance. 				
35	RGB performance check	1. Receive the RGB signal.	<ul style="list-style-type: none"> ● In the process mode and select L4. Check the picture, brightness, red, blue, clock, phase, horizontal position, and vertical position. 				
36	Off-timer performance check		<ul style="list-style-type: none"> ● In the process mode and select OFF. Make sure that the off-timer starts with "5" (minutes), counts down each minute in 1 second, and turns off the set at "0". 				
37	Thermistor performance check	1. Heat the thermistor using a dryer.	<ul style="list-style-type: none"> ● Make sure the "TEMP" is displayed. 				
38	Automatic synchronization	1. Receive the PHASE check pattern signal.	<ul style="list-style-type: none"> ● Call the VGA/S-VGA/XGA mode and make sure that the clock, phase, horizontal and vertical positions can be automatically adjusted. 				
39	Keystone correction performance check		<ul style="list-style-type: none"> ● Make sure the keystone correction functions well. 				
40	Factory settings		<ul style="list-style-type: none"> ● Make the following settings. <table border="1" data-bbox="911 1776 1313 1885"> <tr> <td data-bbox="911 1776 1094 1843">Process adjustment</td> <td data-bbox="1094 1776 1313 1843">Remote controller setting</td> </tr> <tr> <td data-bbox="911 1843 1094 1885">S3</td> <td data-bbox="1094 1843 1313 1885">"Factory setting 3"</td> </tr> </table>	Process adjustment	Remote controller setting	S3	"Factory setting 3"
Process adjustment	Remote controller setting						
S3	"Factory setting 3"						

TROUBLE SHOOTING TABLE

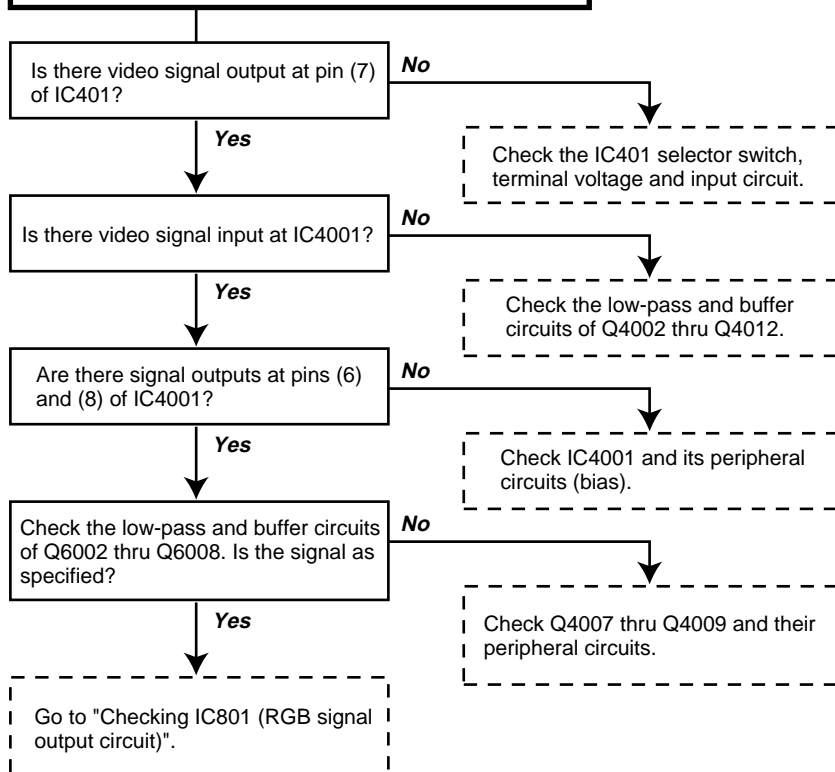


TROUBLE SHOOTING TABLE (Continued)

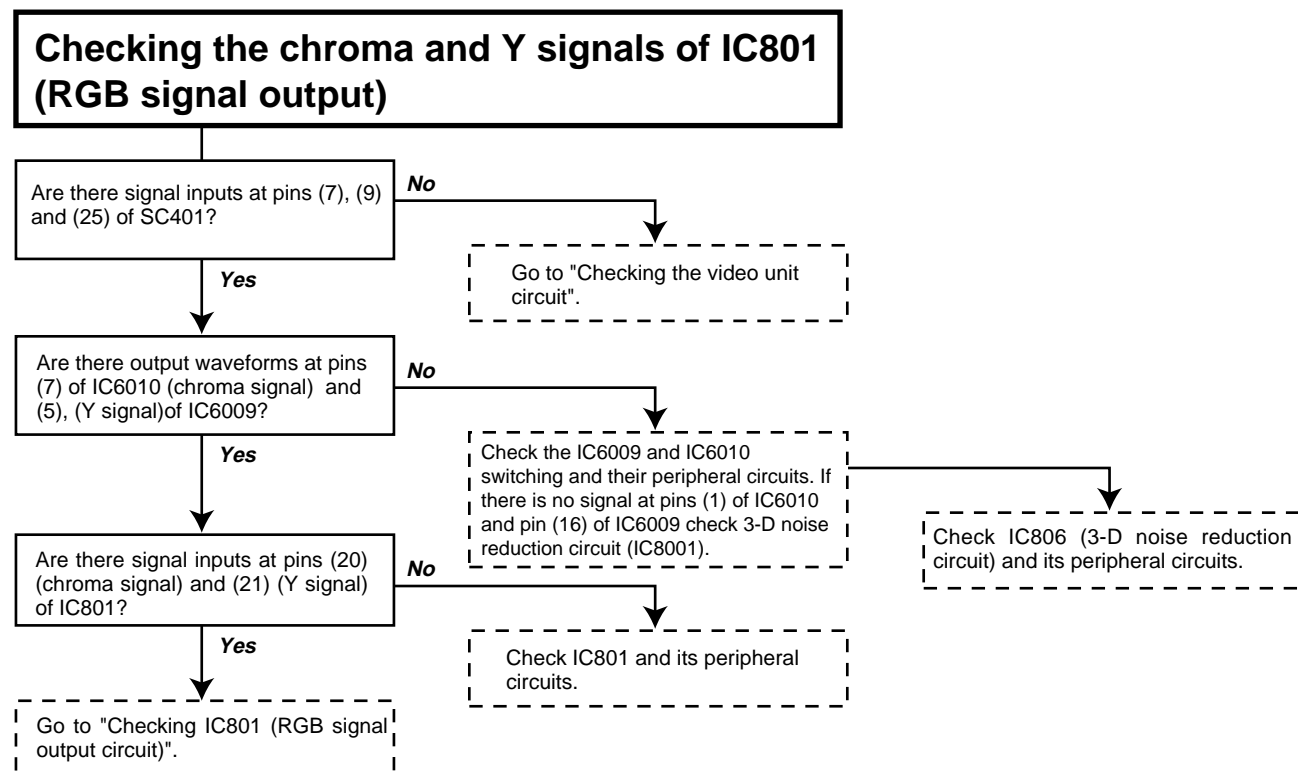
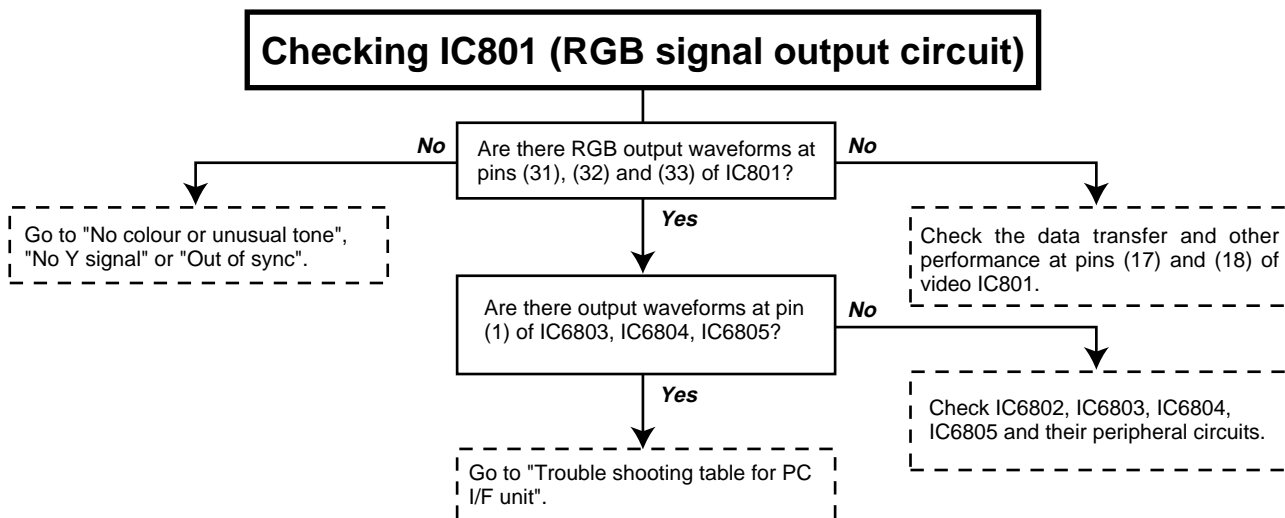
Checking the video system



Checking the video unit circuit

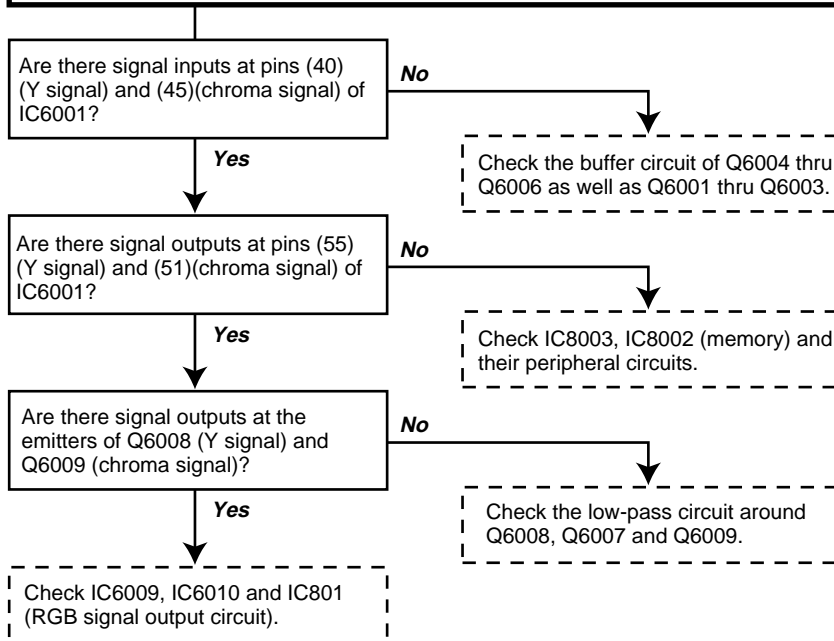


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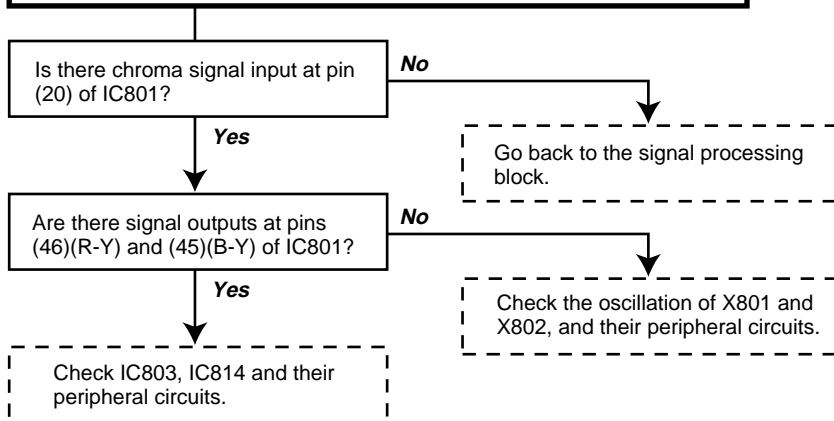


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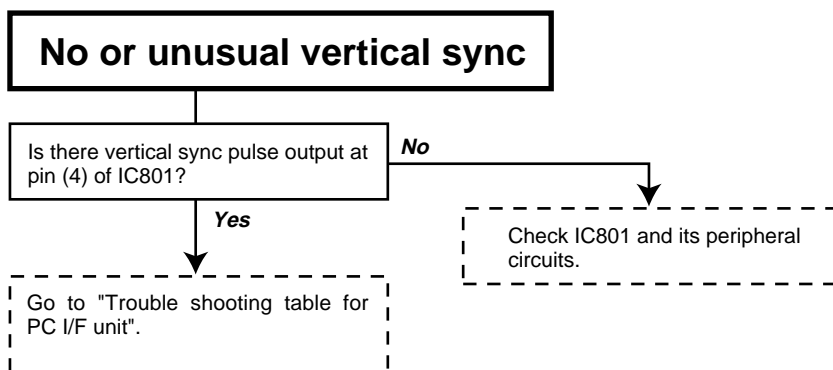
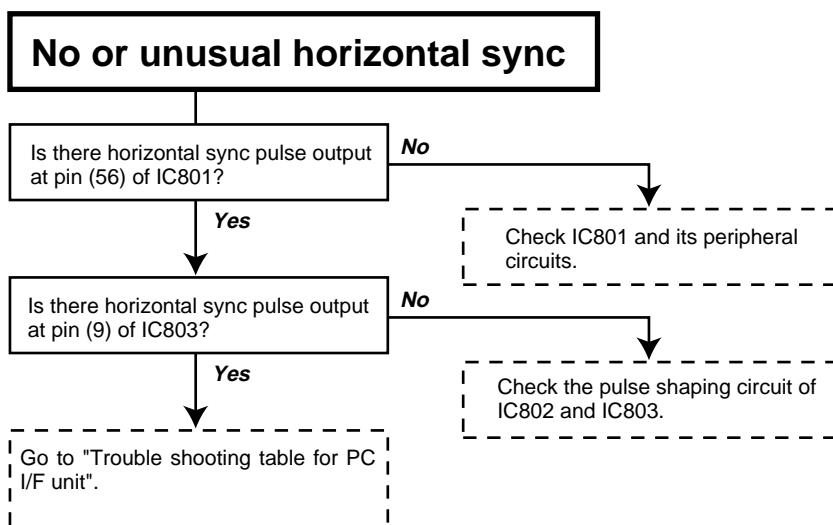
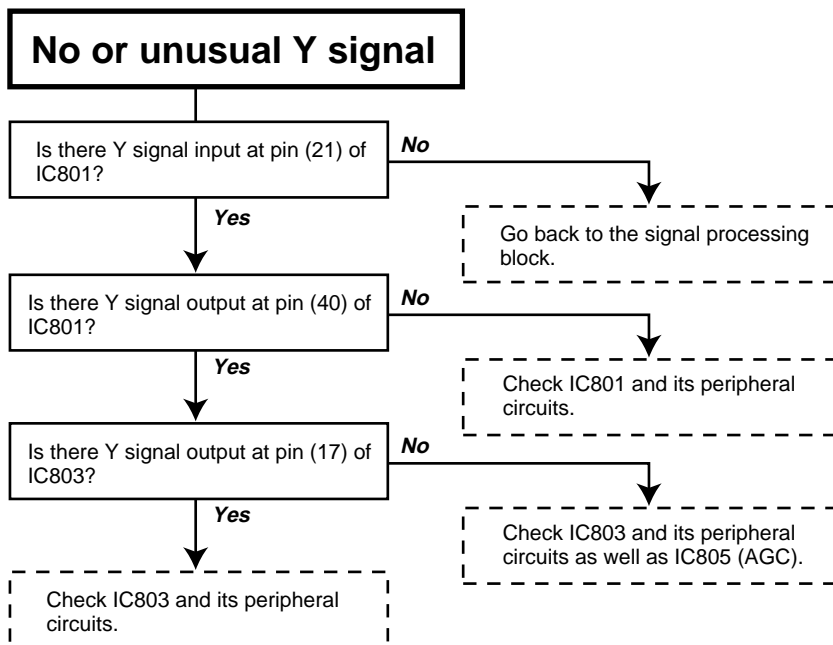
Checking IC6001 (3-D noise reduction circuit) and its peripheral circuits



No colour or unusual tone (NTSC, PAL)

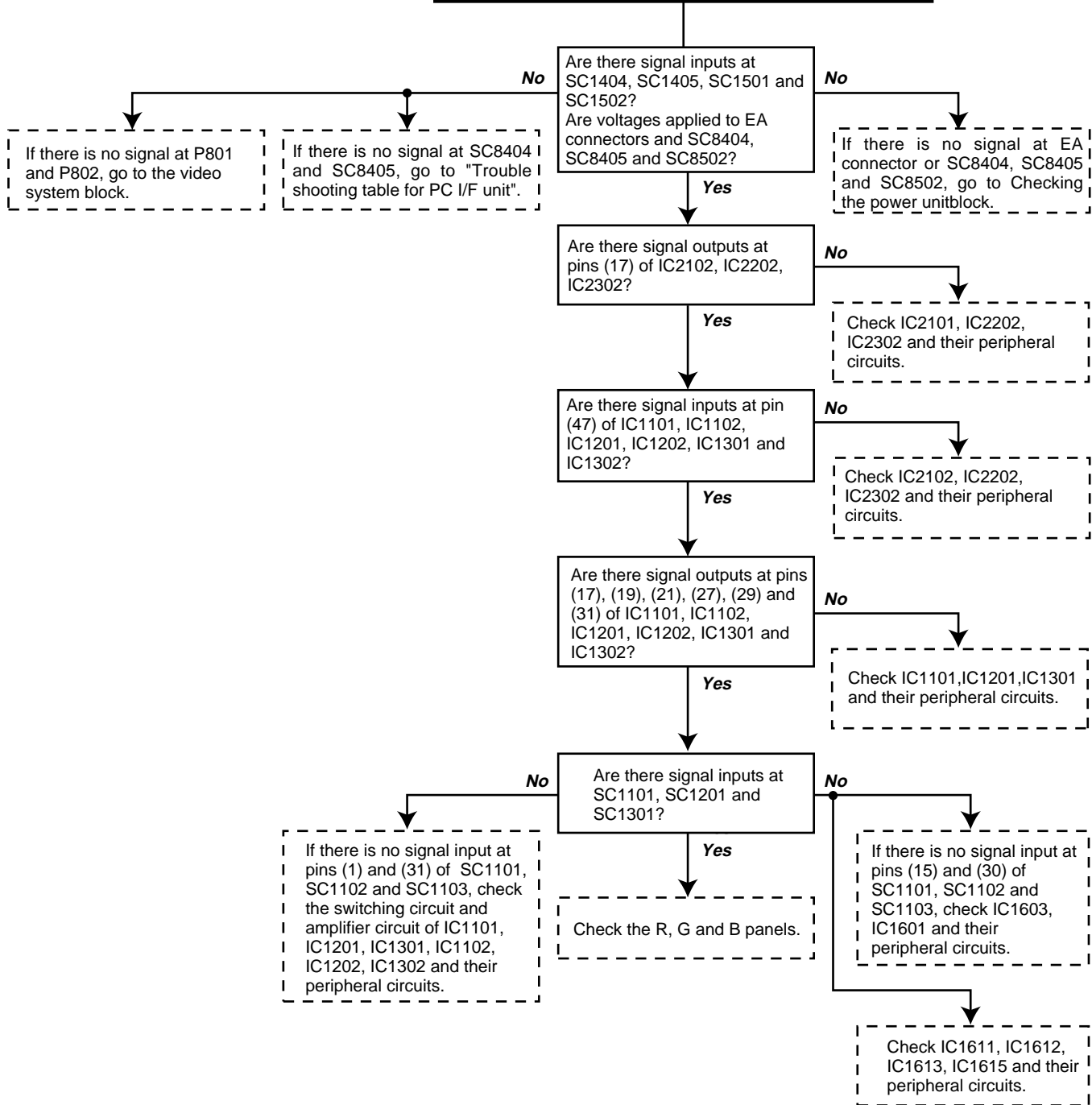


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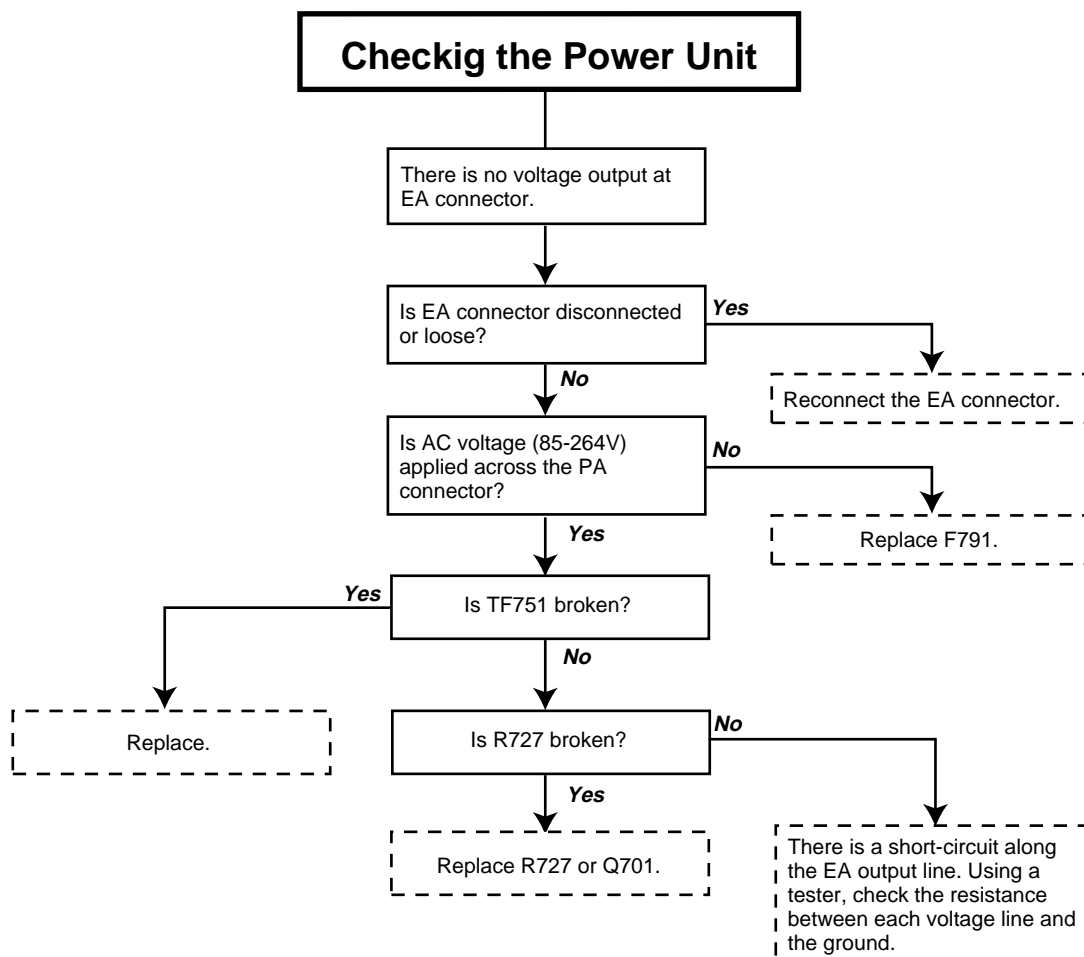
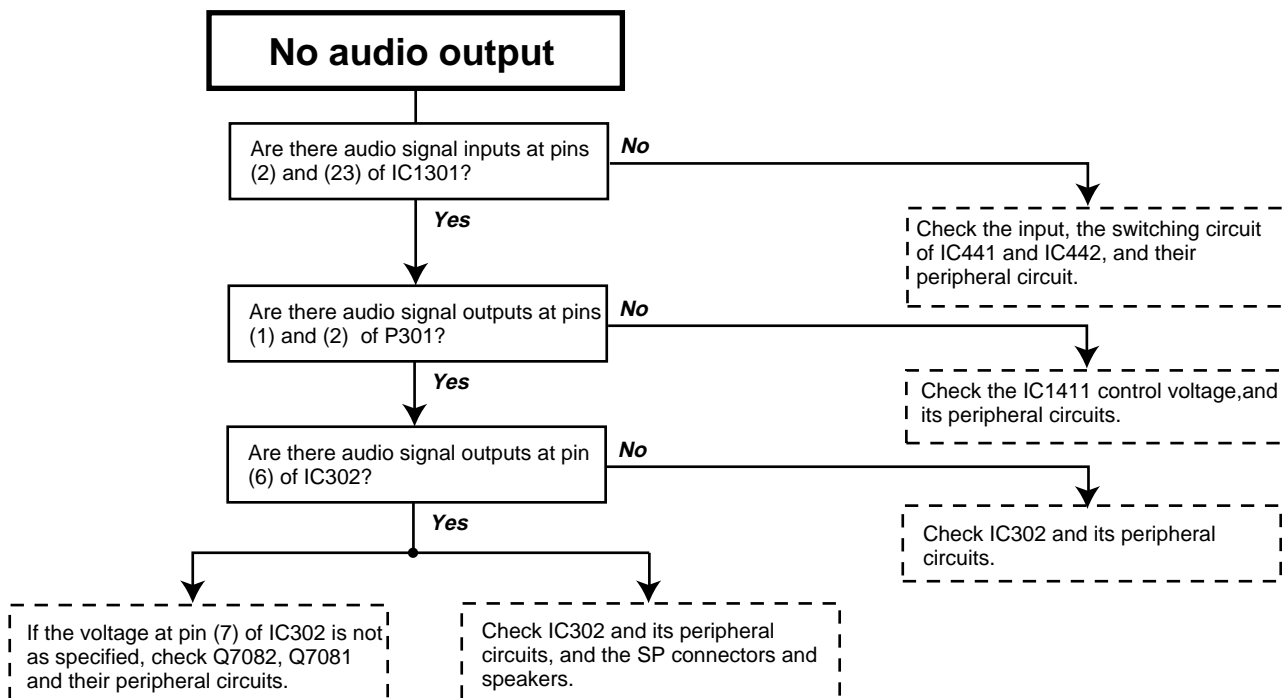


TROUBLE SHOOTING TABLE (Continued)

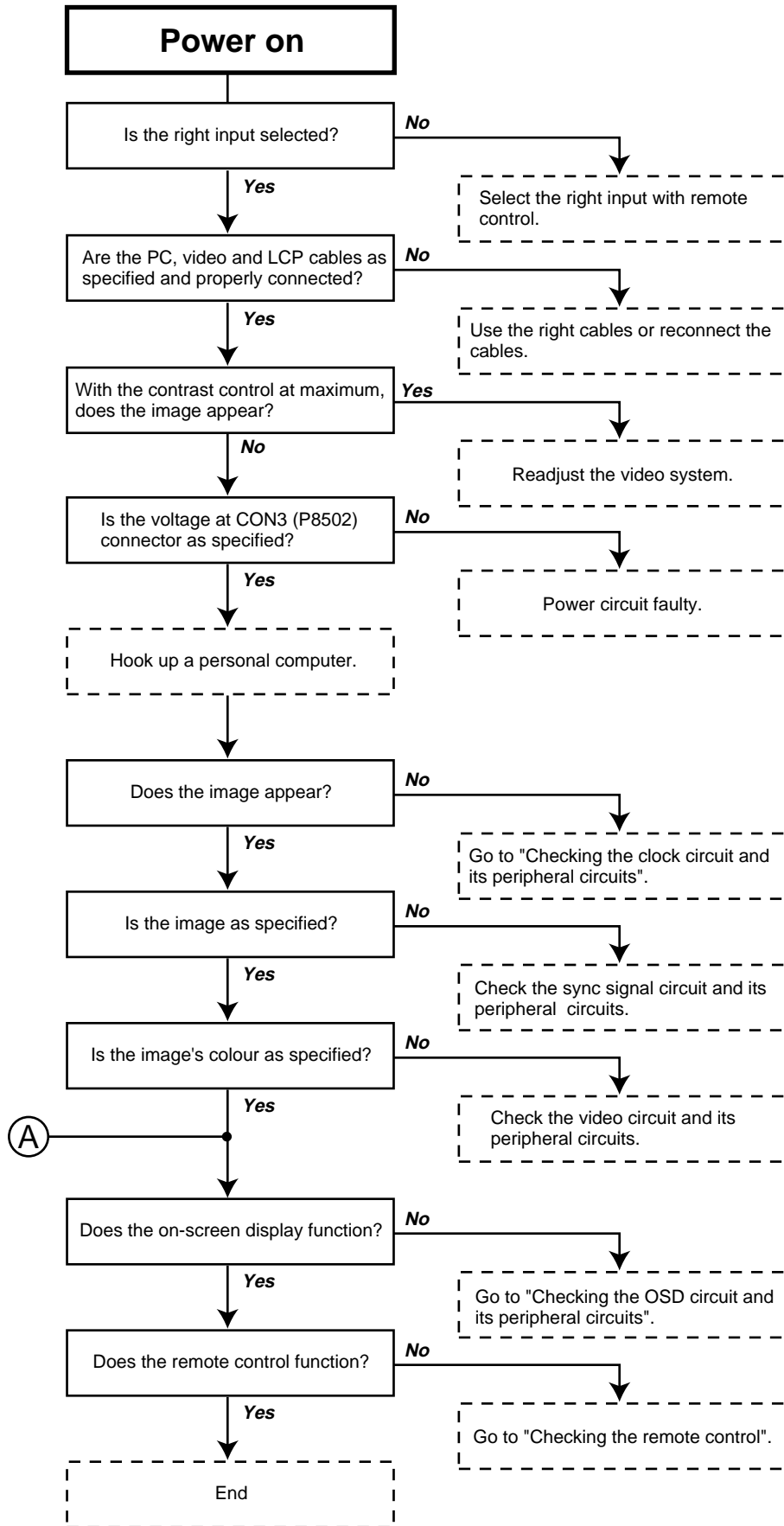
Checking the output PWB unit



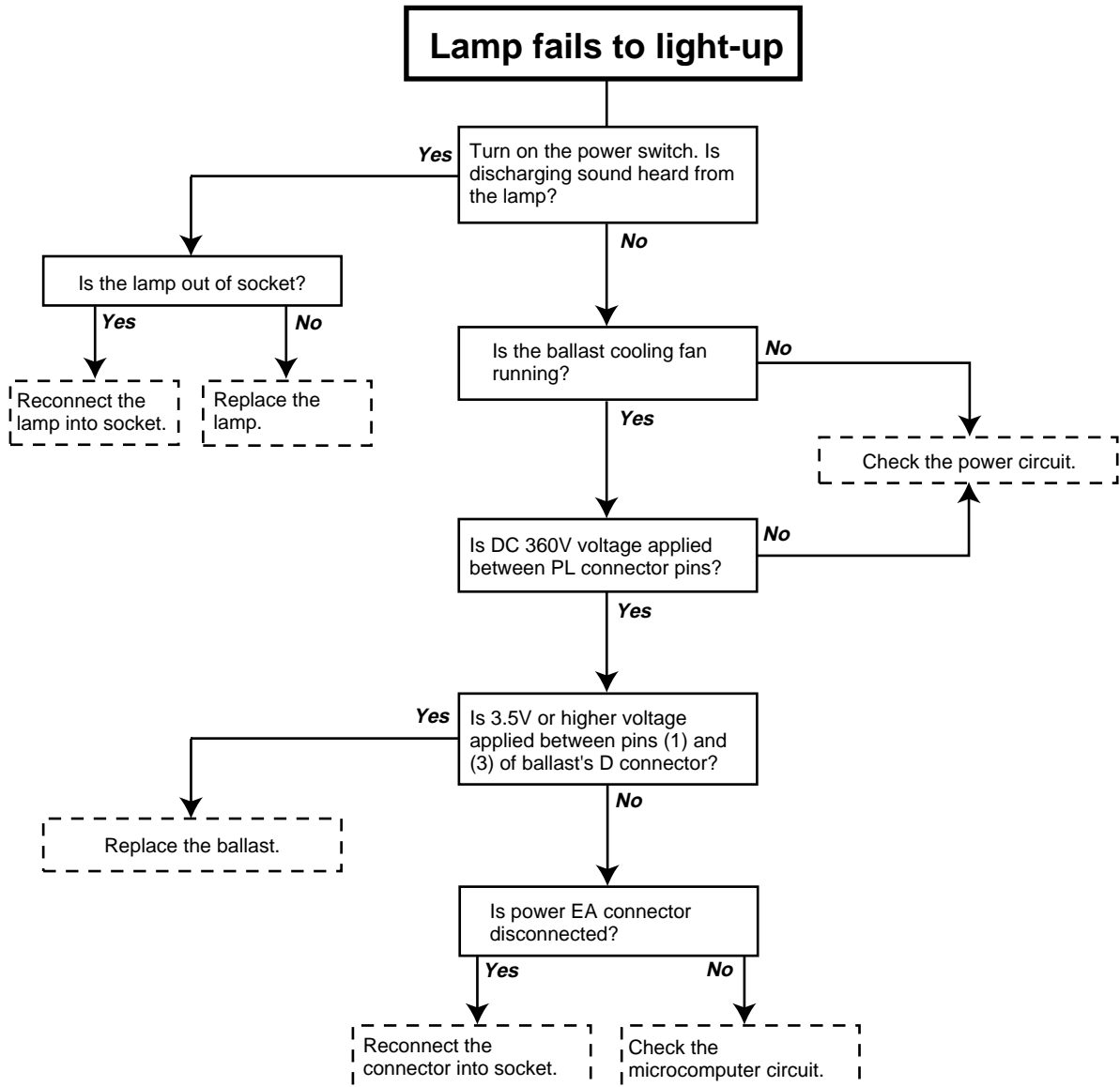
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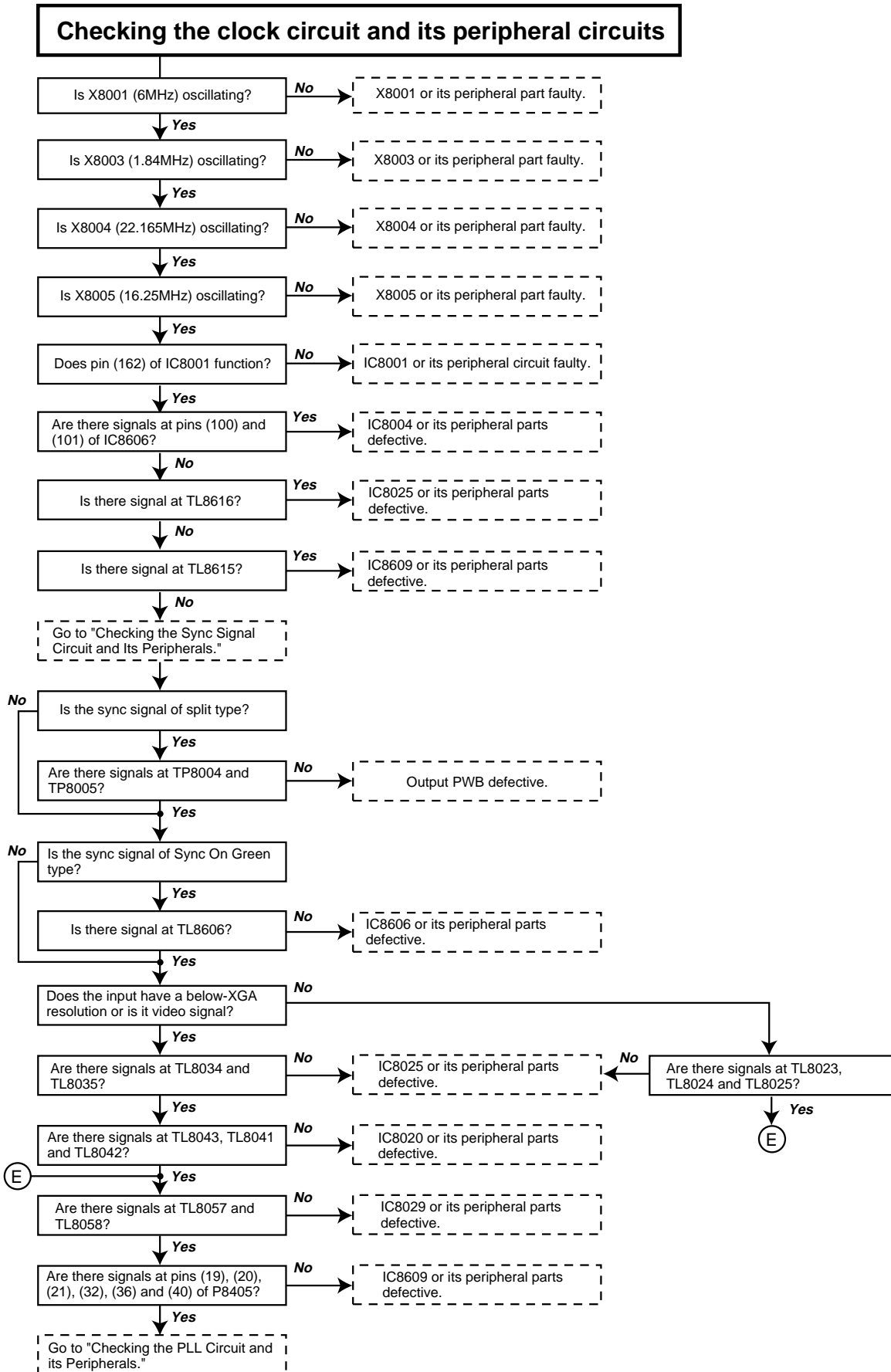
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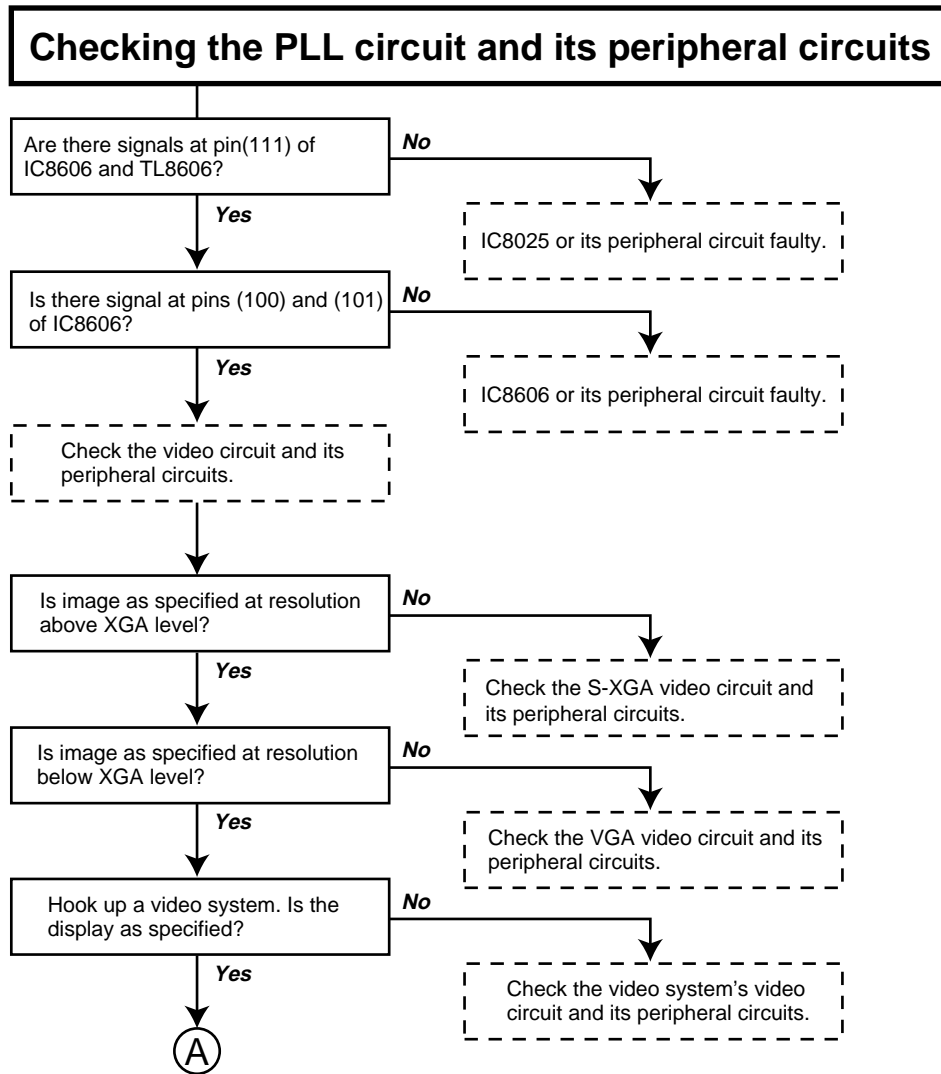
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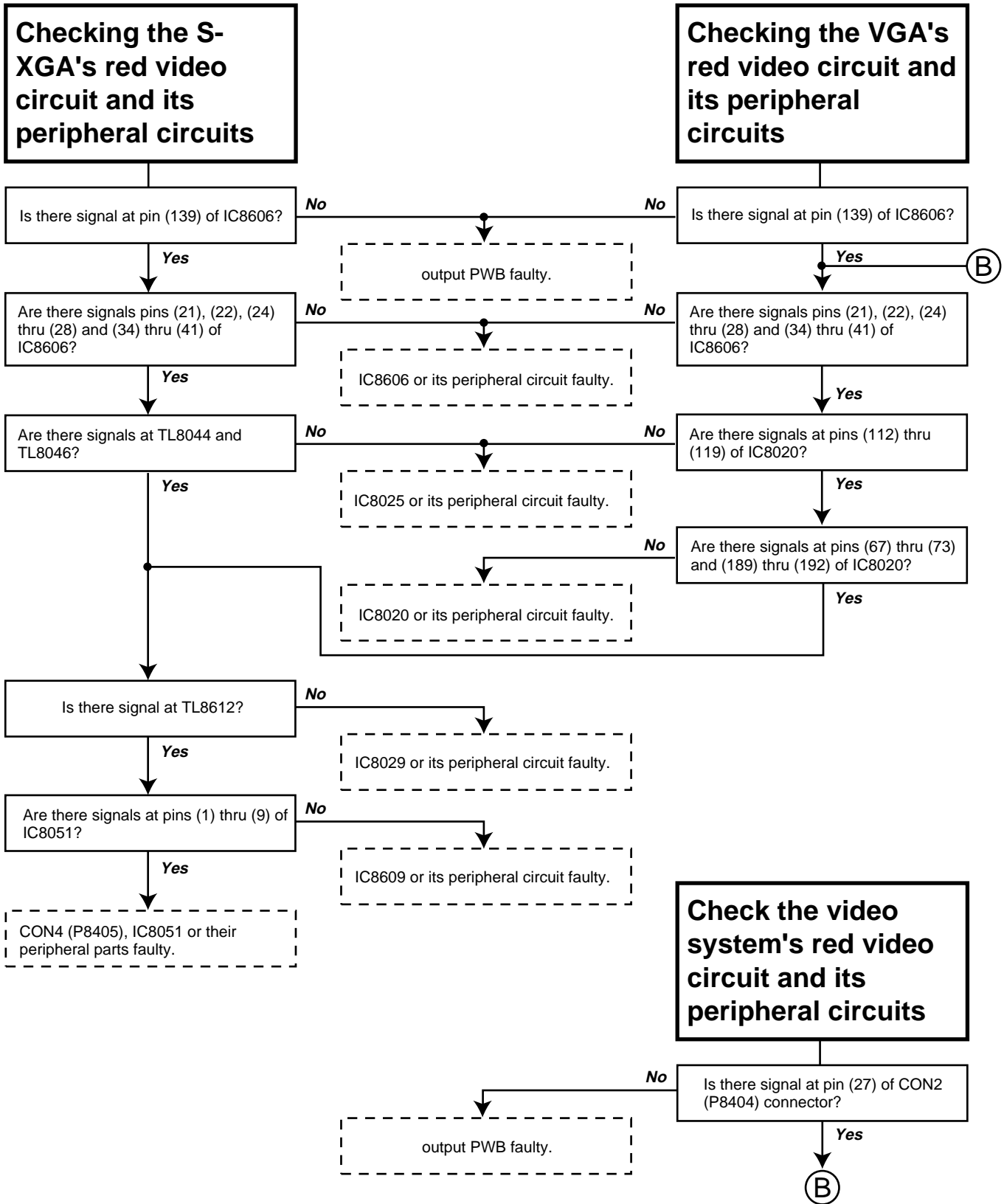
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-1



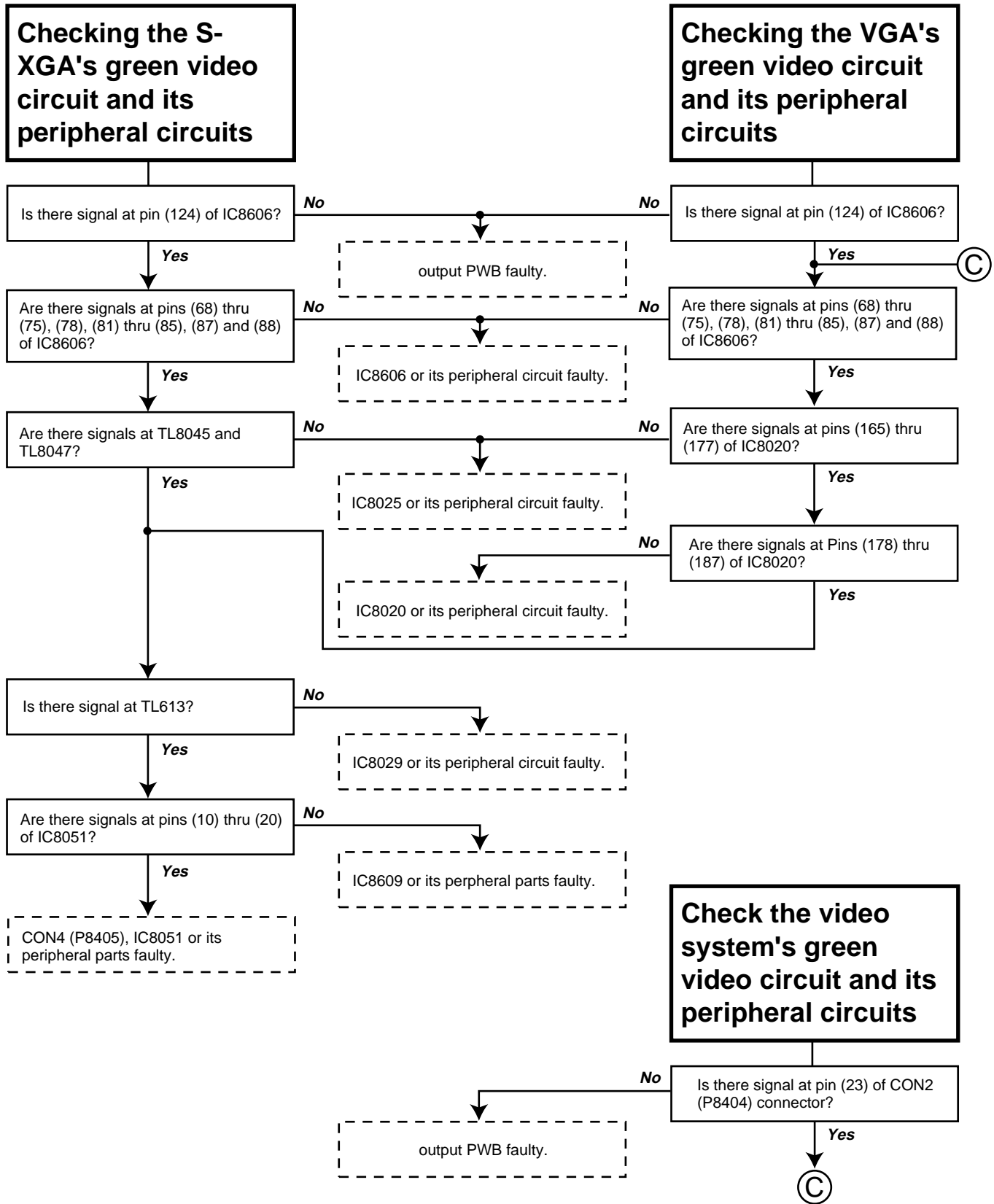
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-2



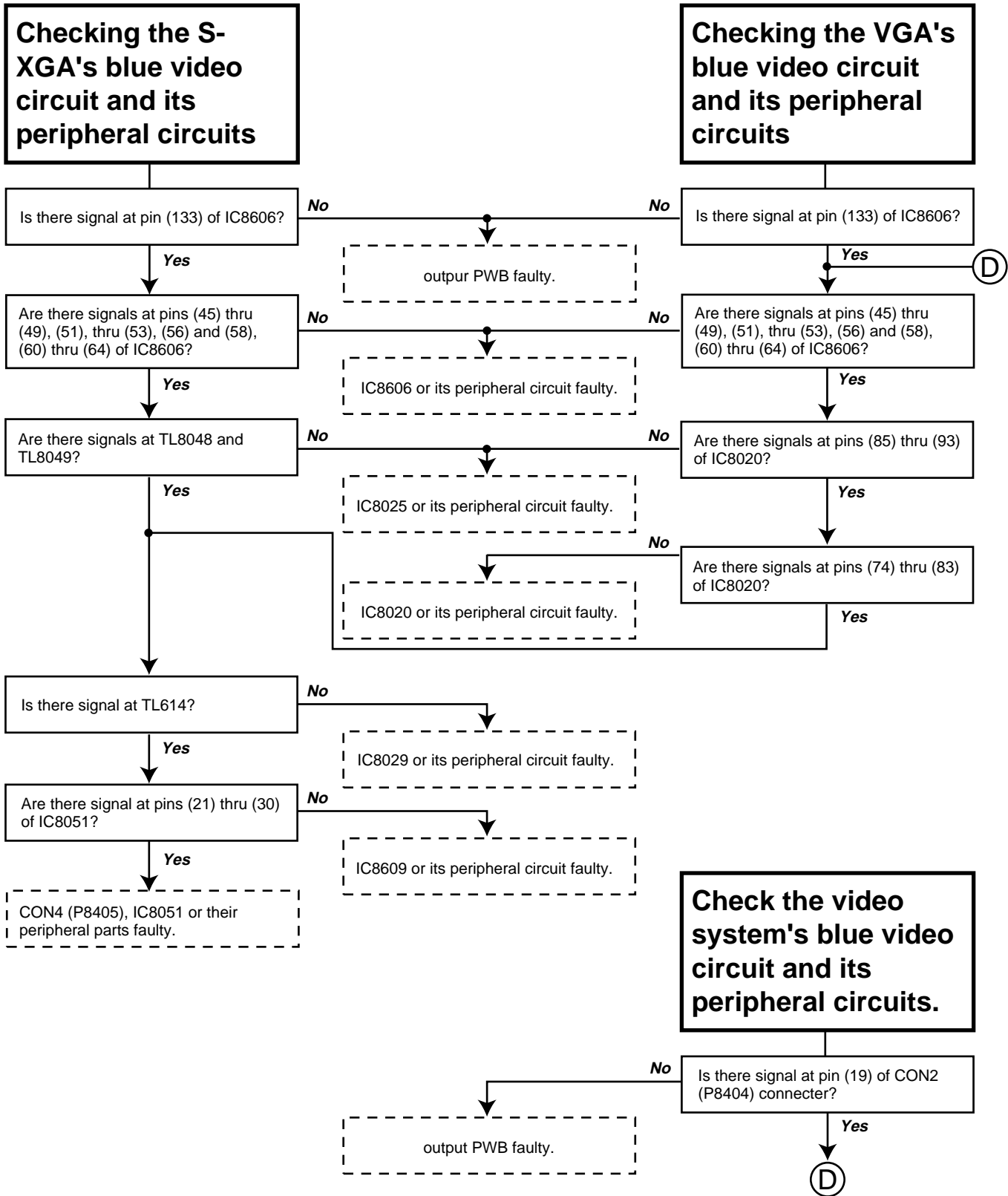
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-3



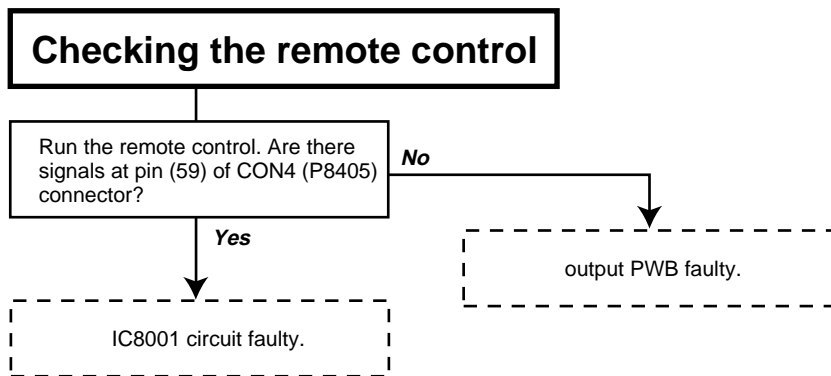
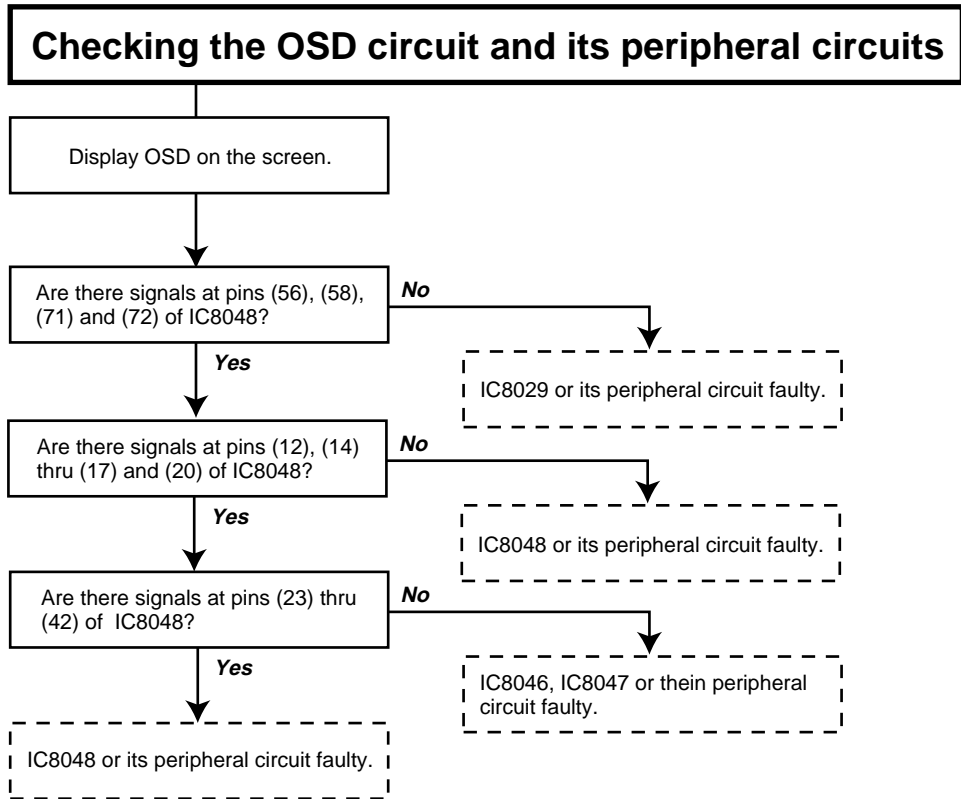
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-4



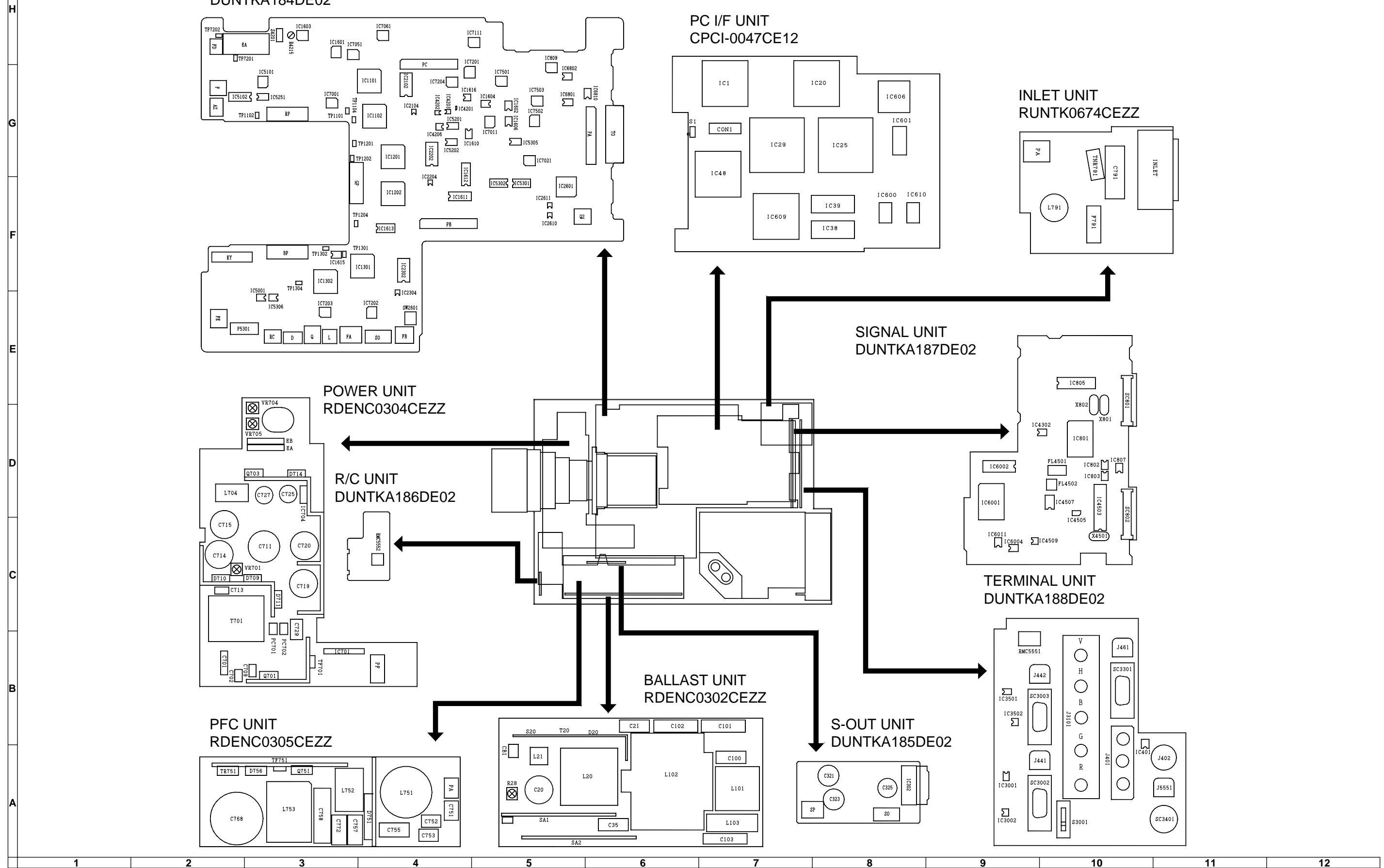
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-5



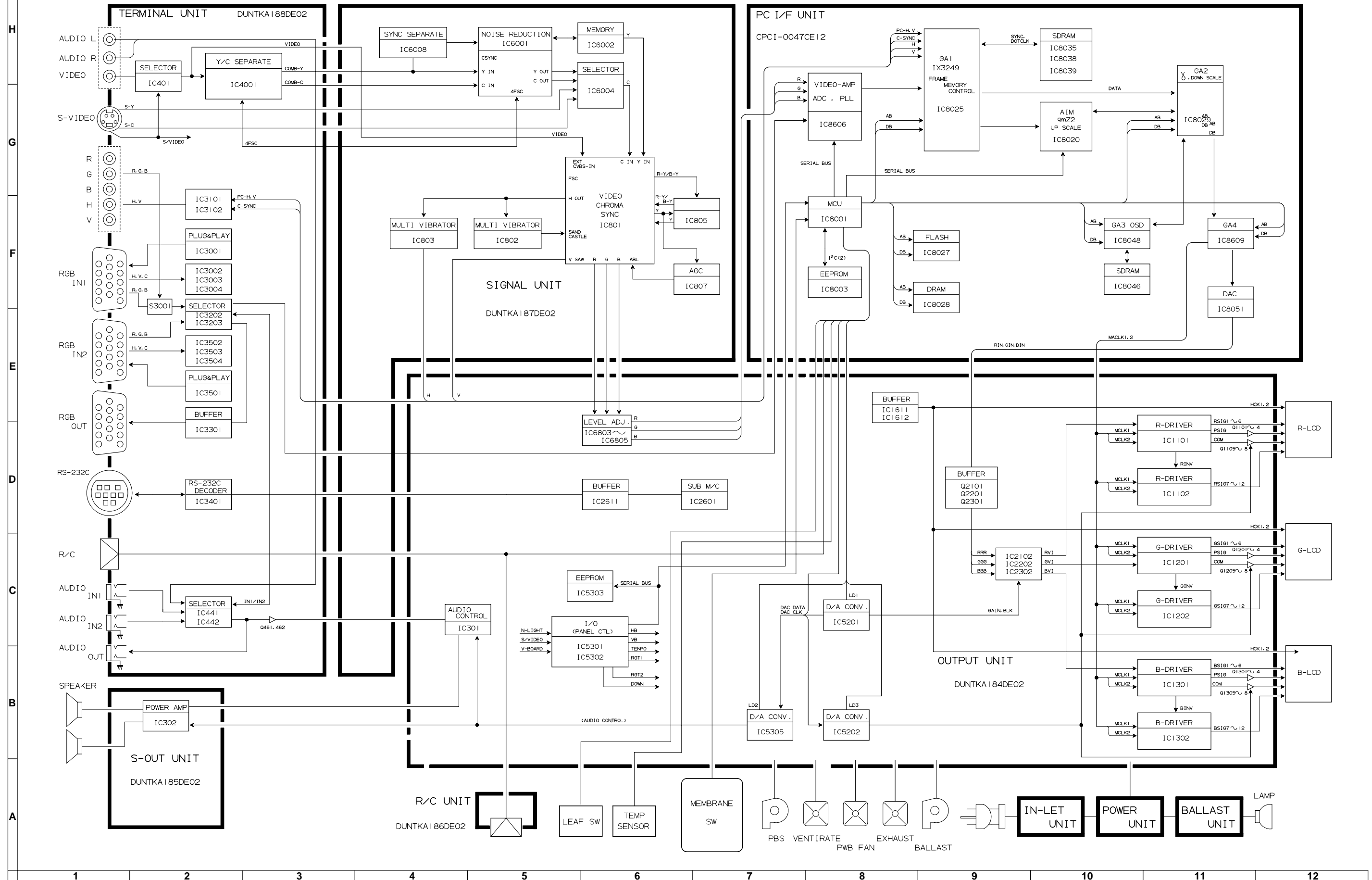
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-6



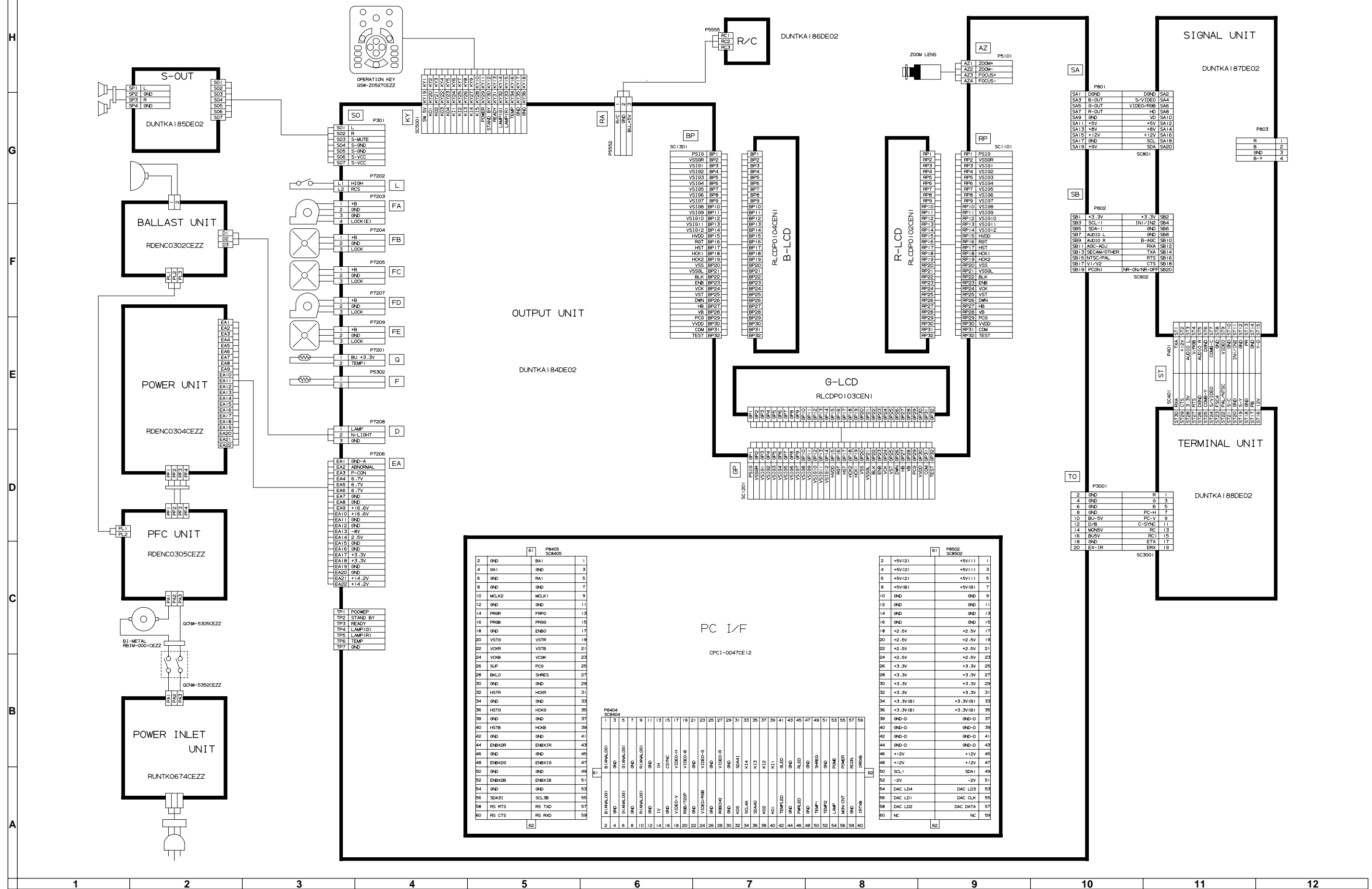
CHASSIS LAYOUT / CHASSIS-ANORDNUNG



BLOCK DIAGRAM / BLOCKSCHALTBIKD



OVERALL WIRING DIAGRAM / GESAMTSCHALTPLAN



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 230V. Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 230V. Signals are fed by a colour bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

©: Solid ⊕: Cement
 Ⓢ: Oxide Film ⊕: Special
 ⊕: Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar (TA): Tantalum
 (PF): Polypro Film (ST): Styrol

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH " ⚠ (■■■■■) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

BESCHREIBUNG DES SCHEMATISCHEN SCHALTPLANS

SPANNUNGSMESSUNGEN:

1. Spannungen an den Prüfpunkten werden bei einer Netzspannung von 230V gemessen, Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt, und Spannungen werden mit einem Meßinstrument (20 kΩ/V) ermittelt.

SIGNALFORMMESSUNGEN:

1. Die Wellenformen an den Testpunkten werden bei einer Netzspannung von 230V verfolgt. Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt.

BEZEICHNUNG DES WIDERSTANDS UND KONDENSATORS:

WIDERSTAND

1. Die Widerstandseinheit "Ω" wird weggelassen. (K=kΩ=1000 Ω, M=MΩ).
2. Alle Widerstände haben ± 5%, sofern nicht anders angegeben. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. Alle Widerstände haben 1/16W, sofern nicht anders angegeben.
4. Alle Widerstände sind Kohletyp, sofern nicht anders angegeben.

©: Fest ⊕: Zement
 Ⓢ: Oxidefilm ⊕: Spezial
 ⊕: Metallüberzug

KONDENSATOR

1. Die Kapazitätseinheit ist μF, sofern nicht anders angegeben. (P=pF=μμF).
2. Alle Kondensatoren haben 50V, sofern nicht anders angegeben.
3. Alle Kondensatoren sind Keramiktyp, sofern nicht anders angegeben.

(ML): Mylar (TA): Tantal
 (PF): Polyprofilm (ST): Styrol

ACHTUNG:

bei diesem Schaltplan handelt es sich um den ursprünglichen. Es können daher geringfügige Unterschiede zu dem Ihrem bestehen.

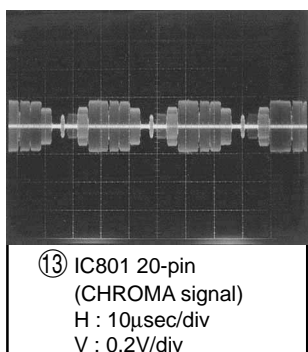
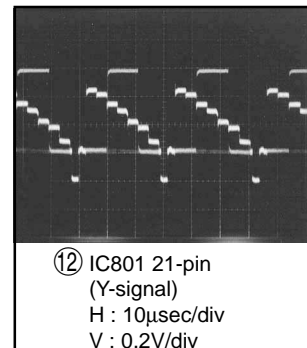
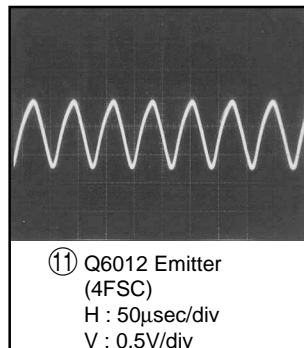
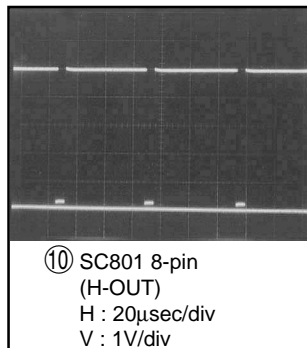
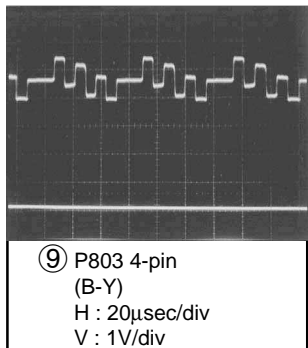
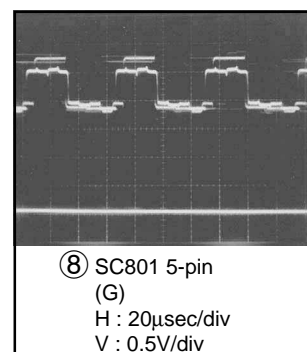
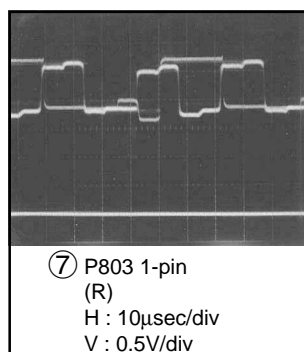
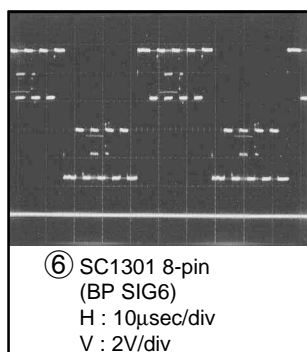
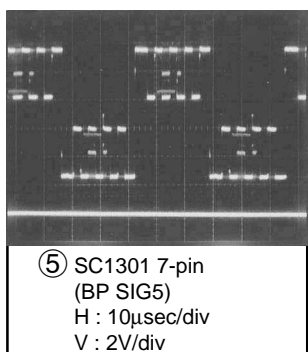
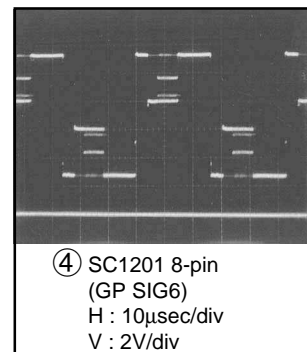
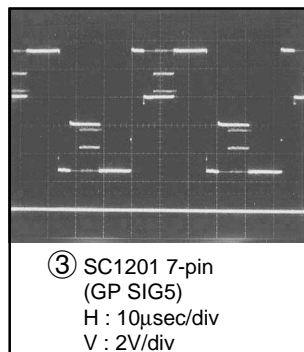
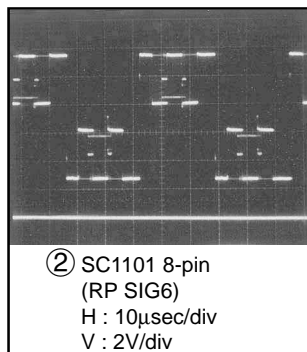
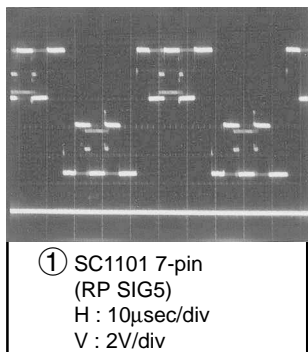
SICHERHEITSAVMERKUNGEN:

1. VOR DEM AUSWECHSELN VON TEILEN MUSS UNBEDINGT NETZSTECKER AUS DER NETZSTECKDOSE GEZOGEN WERDEN.
2. DIE WARMEABLEITER DER HALBLEITER SOLLTEN BEIM BETRIEB DES CHASSIS ALS MÖGLICHE URSACHEN VON GEFÄHRLICHEN ELEKTRISCHEN SCHLÄGEN BETRACHTET WERDEN.

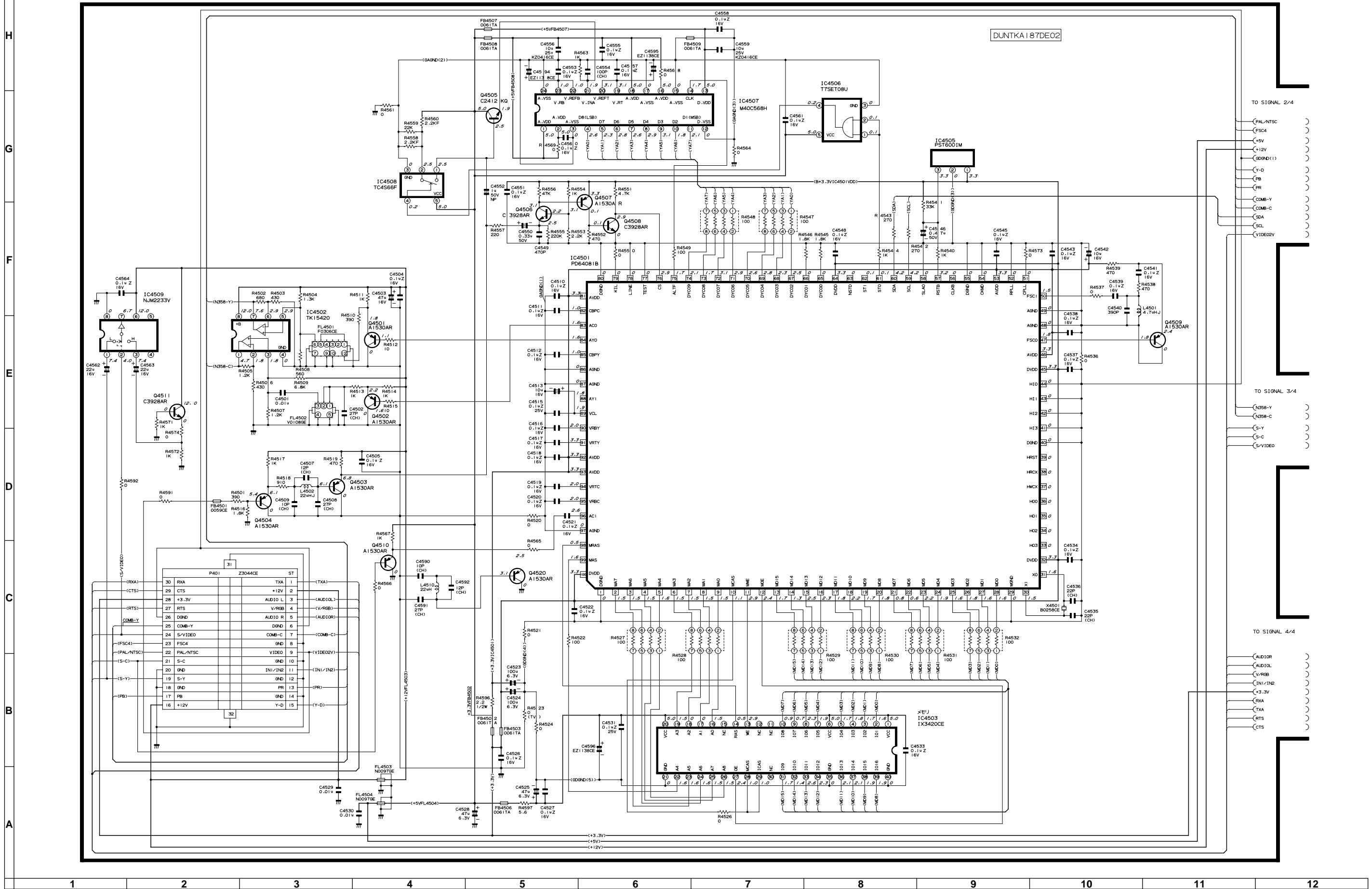
WICHTIGE SICHERHEITSAVMERKUNGEN:

MIT " ⚠ (■■■■■) BEZEICHNETEN TEILE SIND BESONDERS WICHTIG FÜR DIE AUFRECHTERHALTUNG DER SICHERHEIT. BEIM WECHSELN DIESER TEILE SOLLTEN DIE VORGESCHRIEBENEN TEILE IMMER VERWENDET WERDEN, UM SOWOHL DIE SICHERHEIT ALS AUCH DIE LEISTUNG DES GERÄTES AUFRECHTZUERHALTEN.

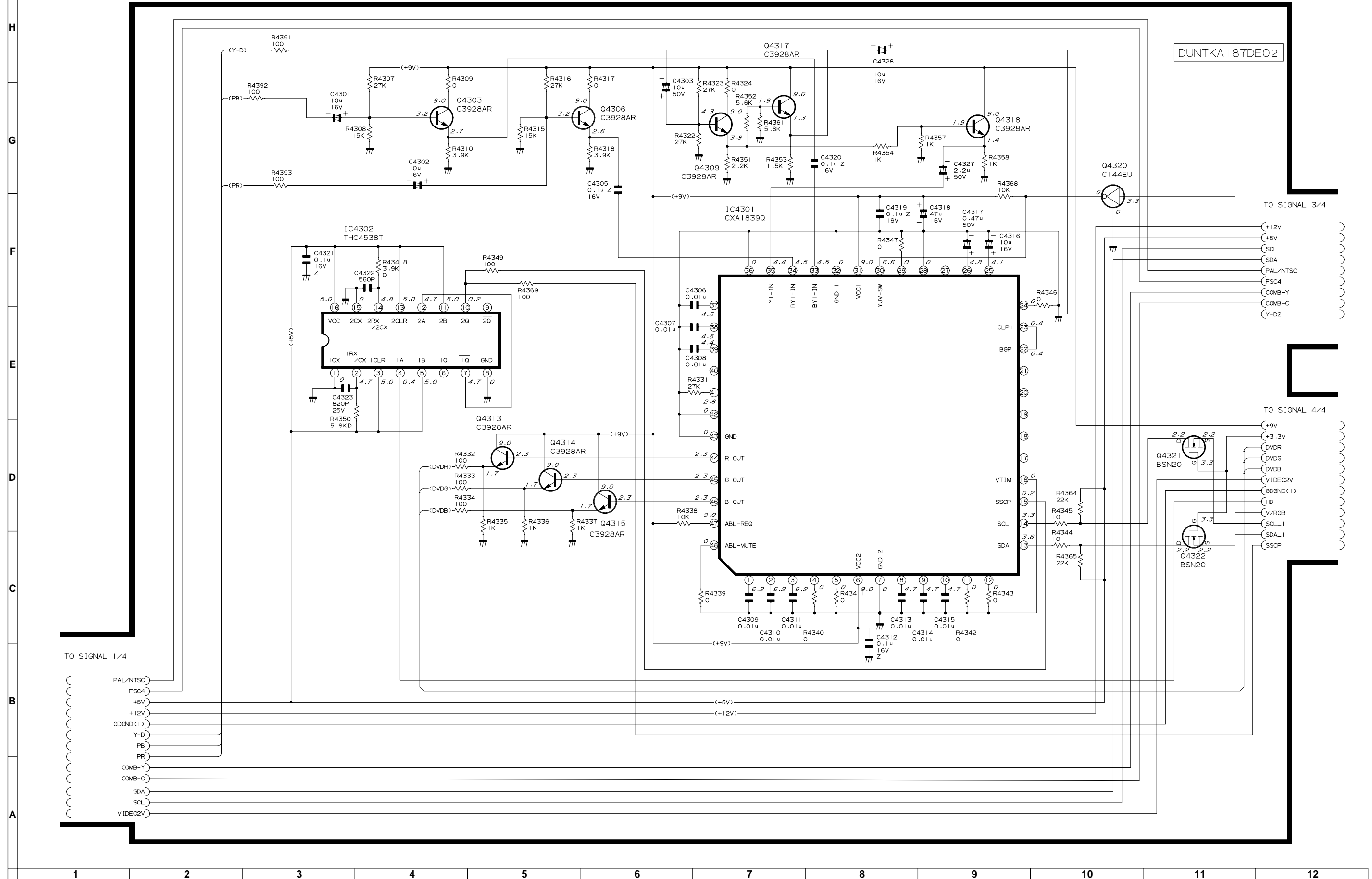
WAVEFORMS / WELLENFORMEN



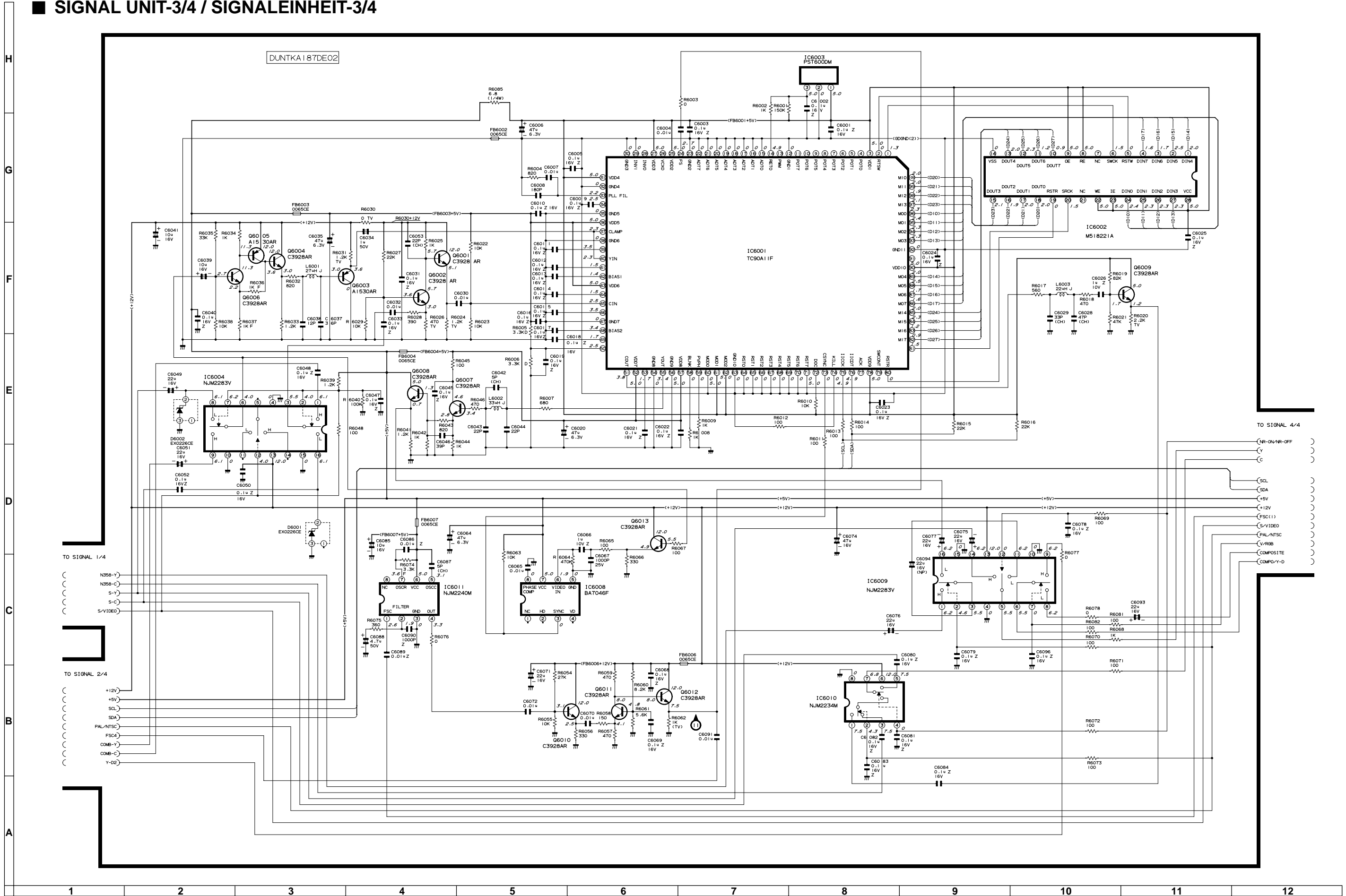
SIGNAL UNIT-1/4 / SIGNALEINHEIT-1/4



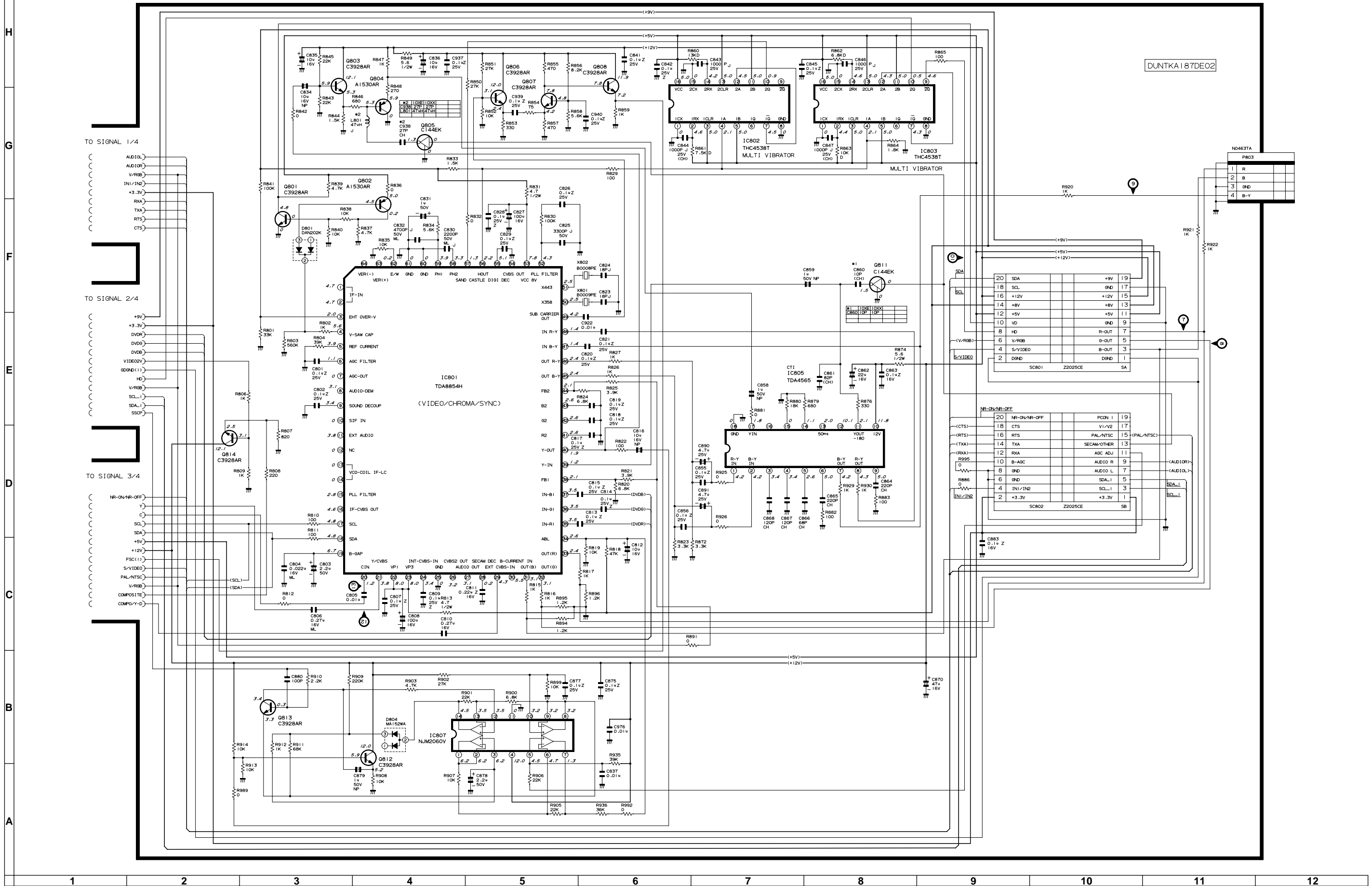
SIGNAL UNIT-2/4 / SIGNALEINHEIT-2/4



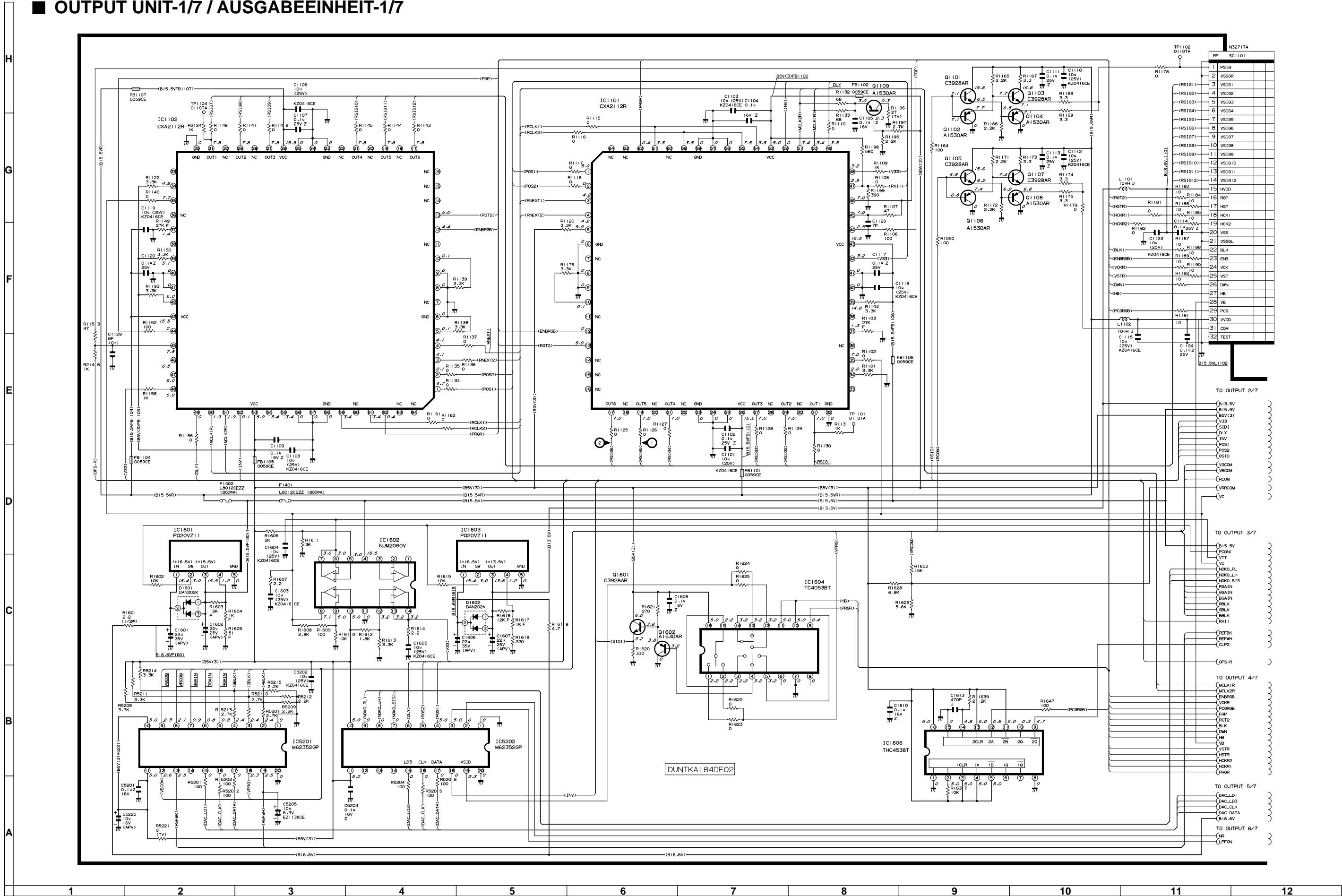
SIGNAL UNIT-3/4 / SIGNALEINHEIT-3/4



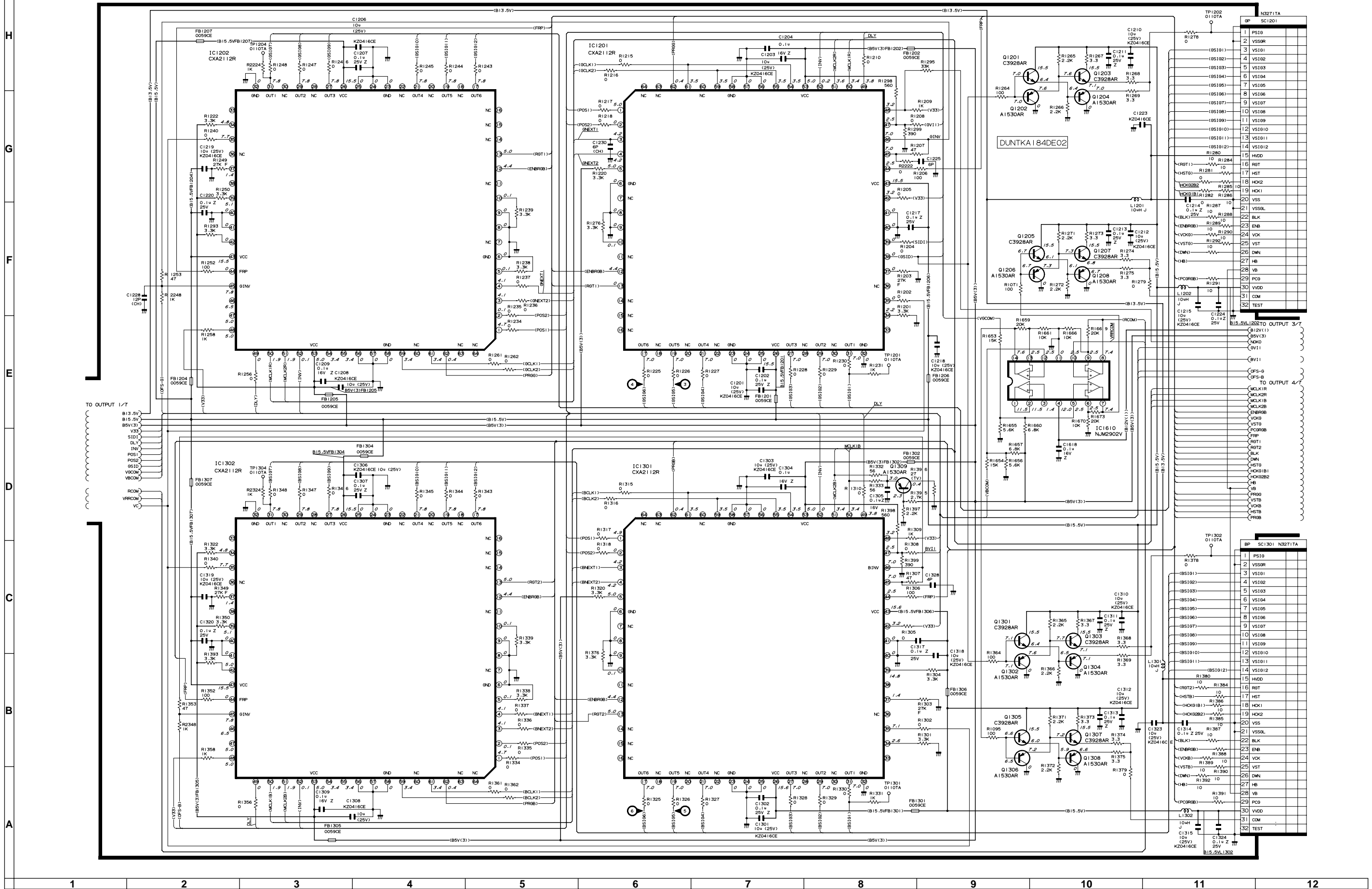
SIGNAL UNIT-4/4 / SIGNALEINHEIT-4/4



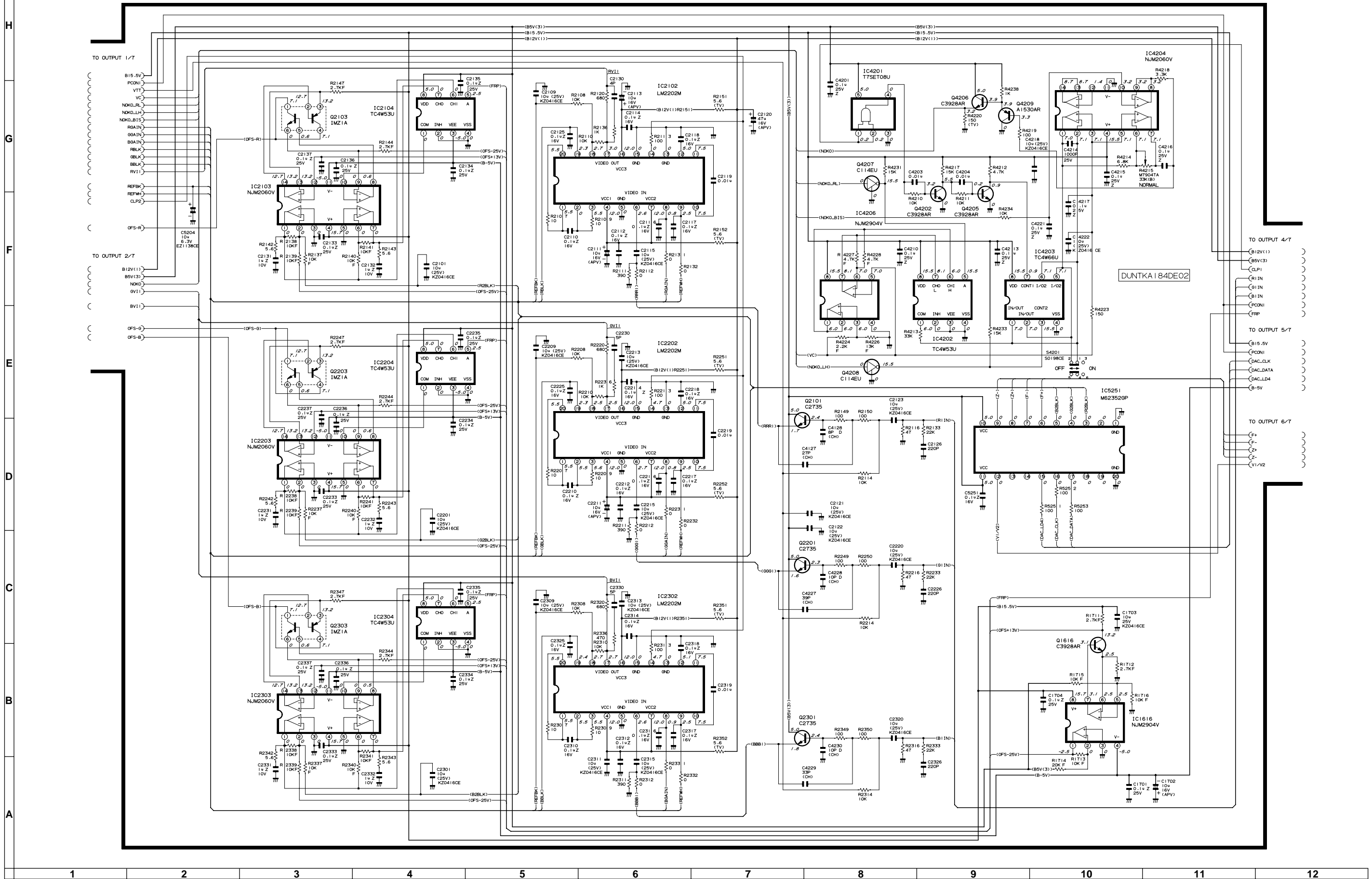
OUTPUT UNIT-1/7 / AUSGABEEINHEIT-1/7



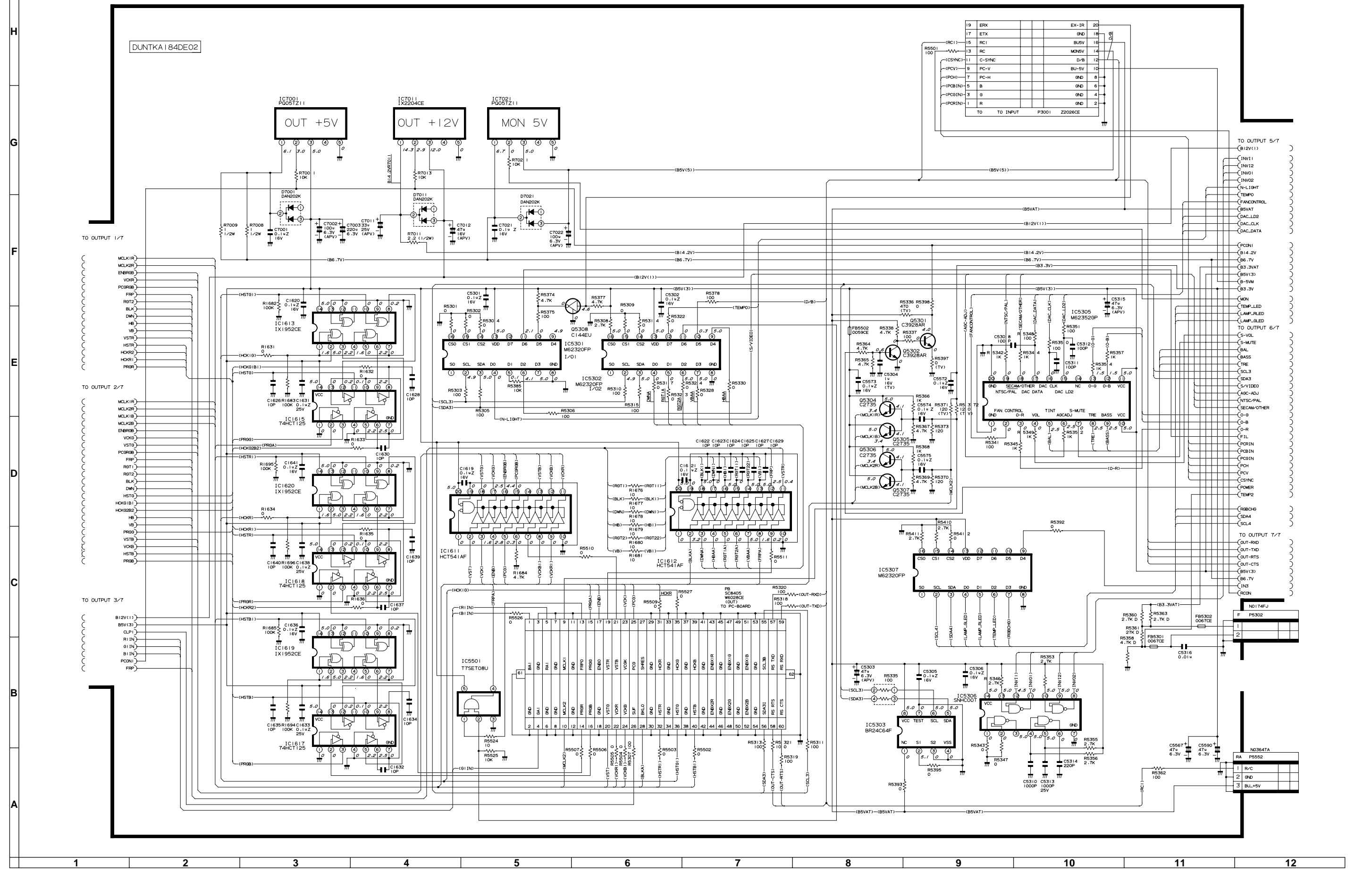
OUTPUT UNIT-2/7 / AUSGABEEINHEIT-2/7



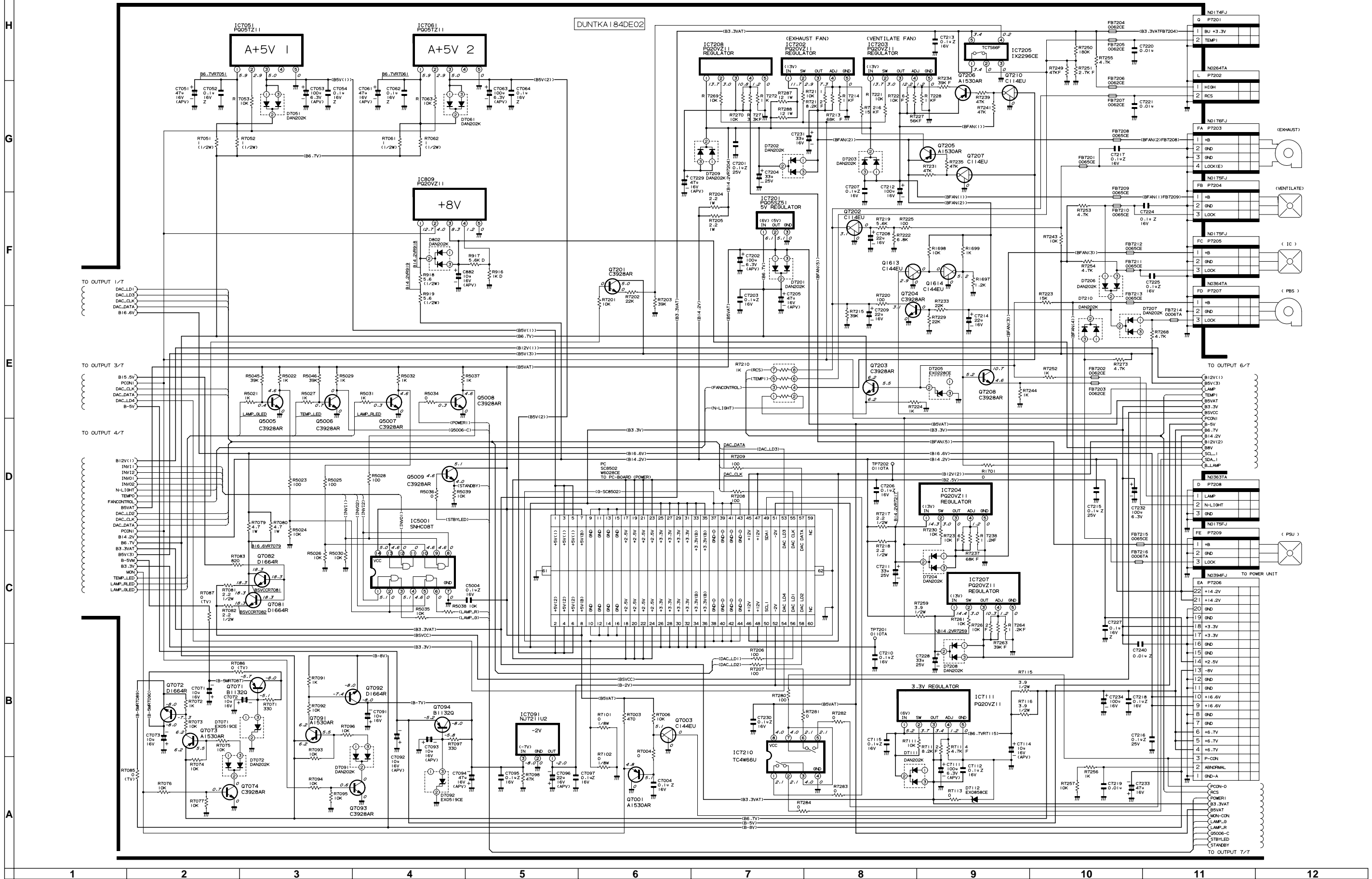
OUTPUT UNIT-3/7 / AUSGABEEINHEIT-3/7



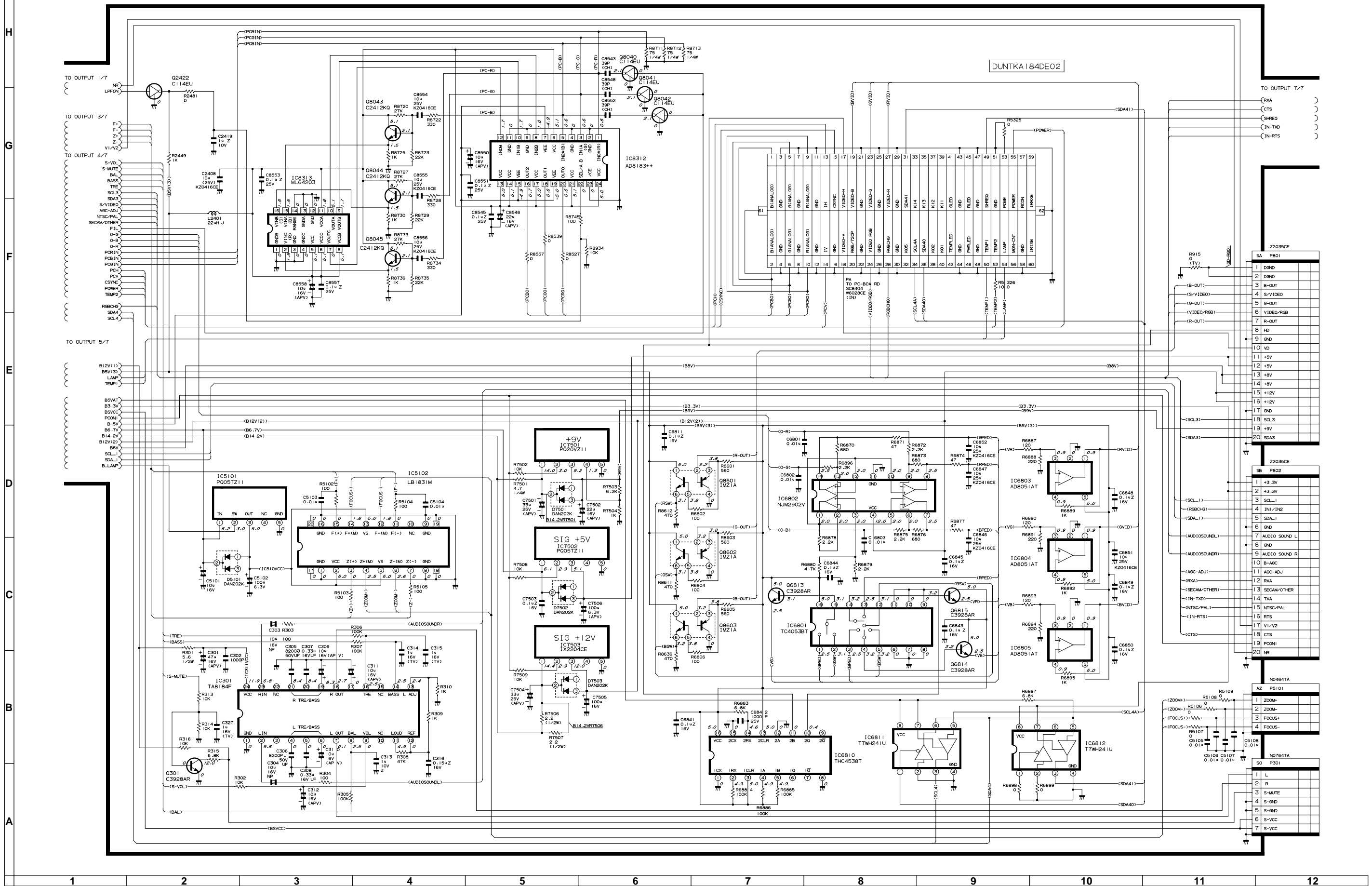
OUTPUT UNIT-4/7 / AUSGABEEINHEIT-4/7



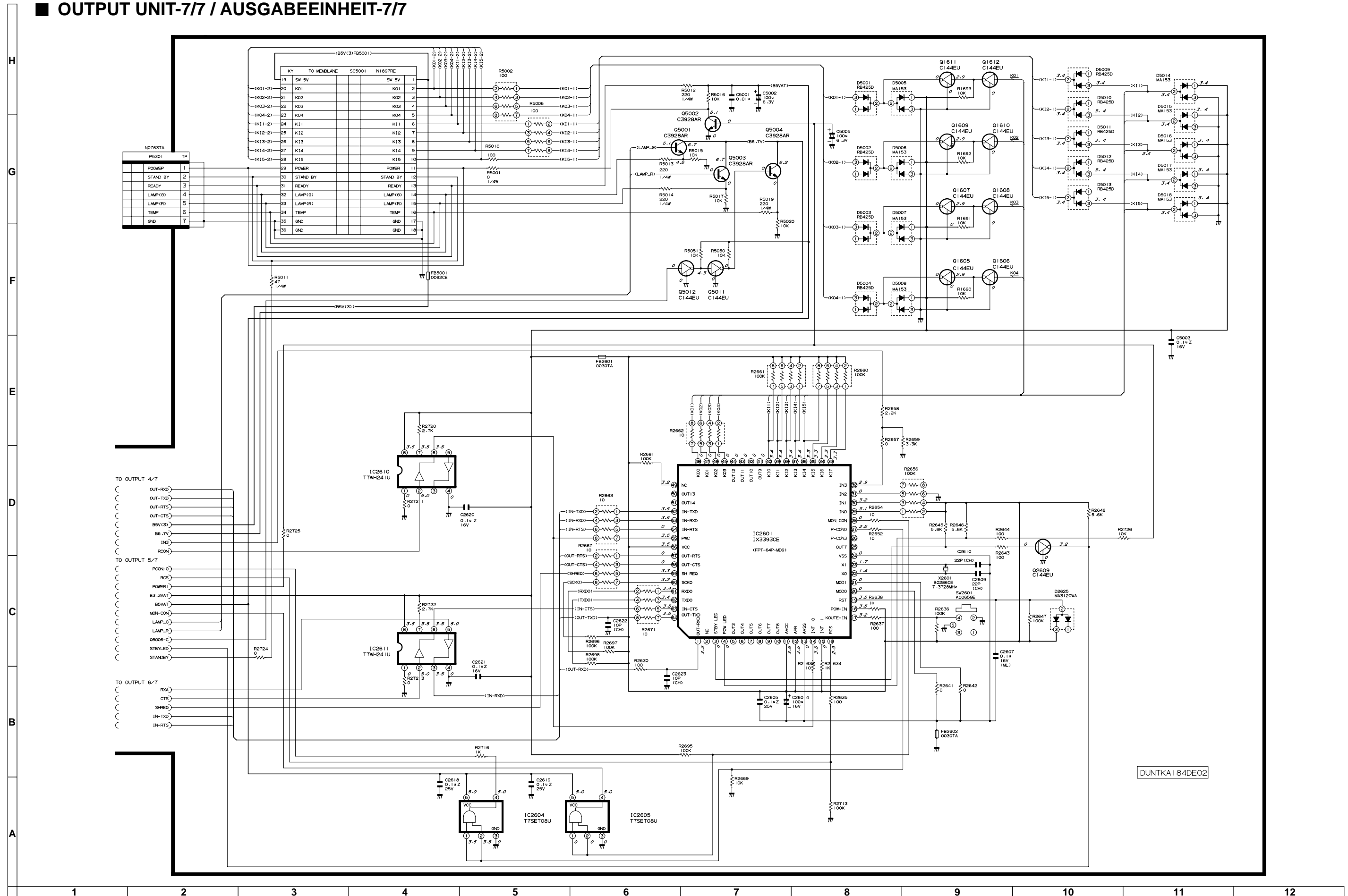
OUTPUT UNIT-5/7 / AUSGABEEINHEIT-5/7



OUTPUT UNIT-6/7 / AUSGABEEINHEIT-6/7

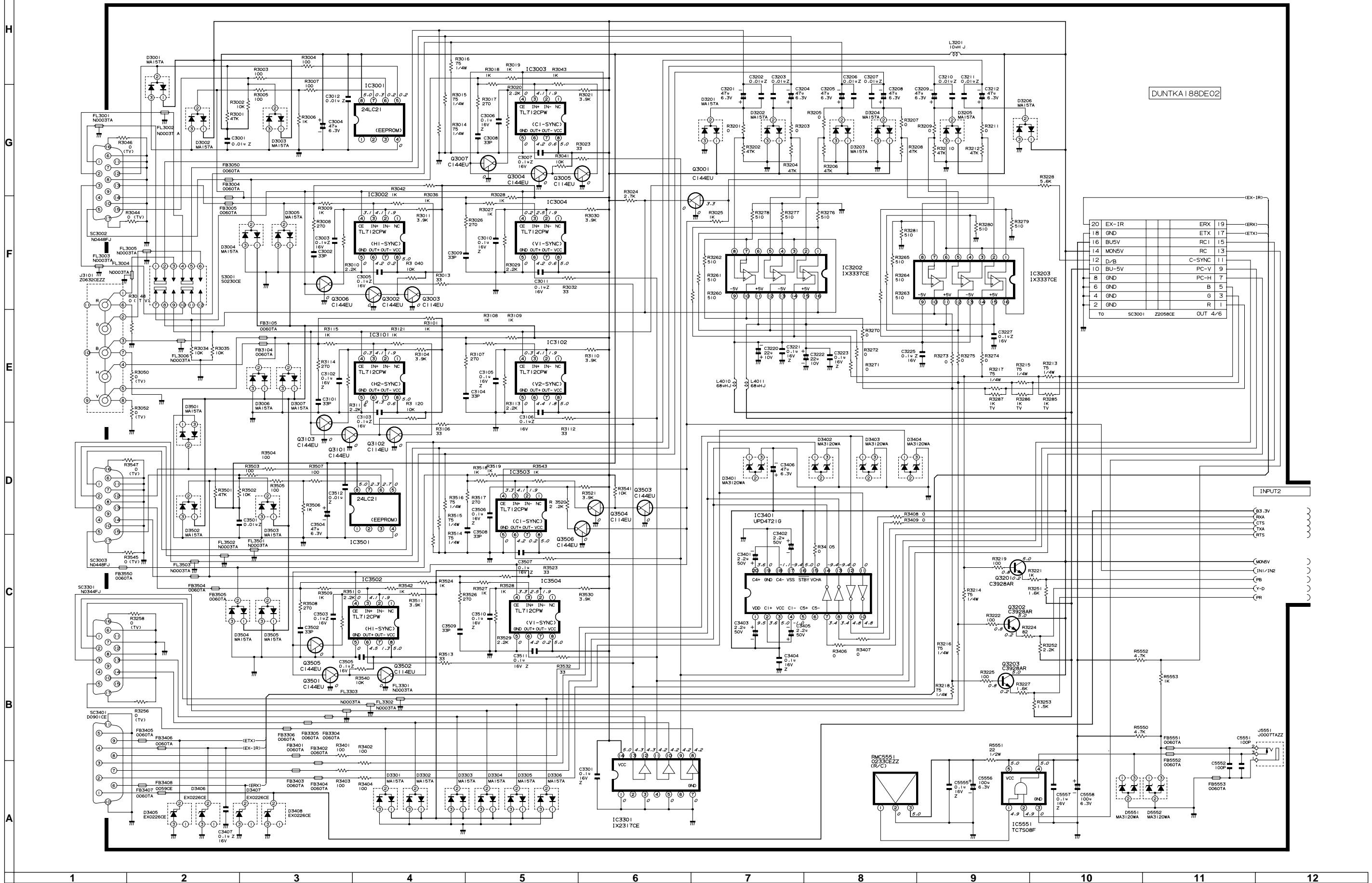


OUTPUT UNIT-7/7 / AUSGABEEINHEIT-7/7



DUNTKA | 84DE02

■ TERMINAL UNIT-1/2 / ANSCHLUßEINHEIT-1/2



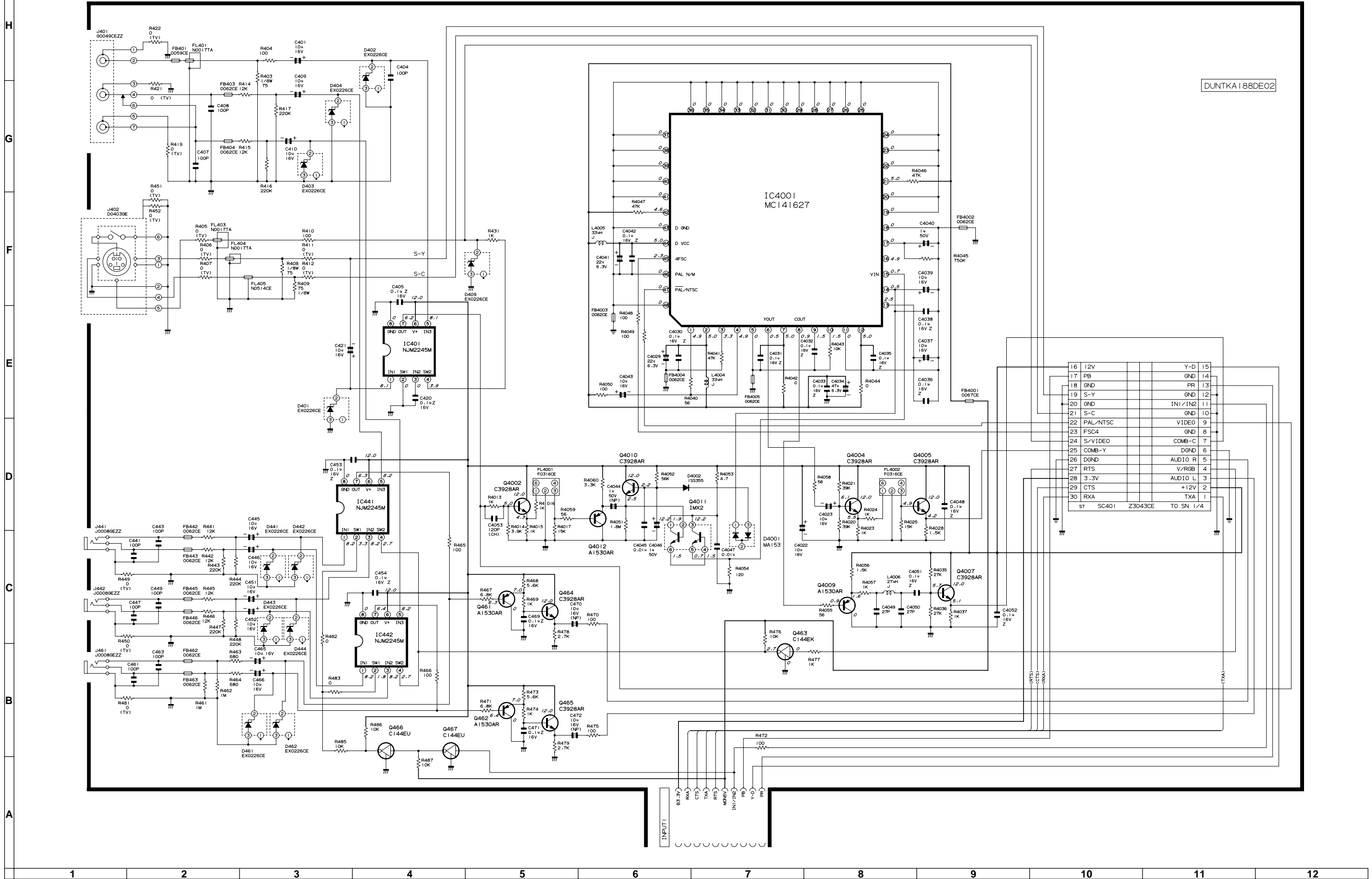
DUNTKA | 88DE02

20	EX-IR	ERX	19	(ERX)
18	GND	ETX	17	(ETX)
16	BU5V	RC1	15	
14	MON5V	RC	13	
12	D/B	C-SYNC	11	
10	BU-5V	PC-V	9	
8	GND	PC-H	7	
6	GND	B	5	
4	GND	G	3	
2	GND	R	1	
TO SC3001 Z2058CE		OUT	4/6	

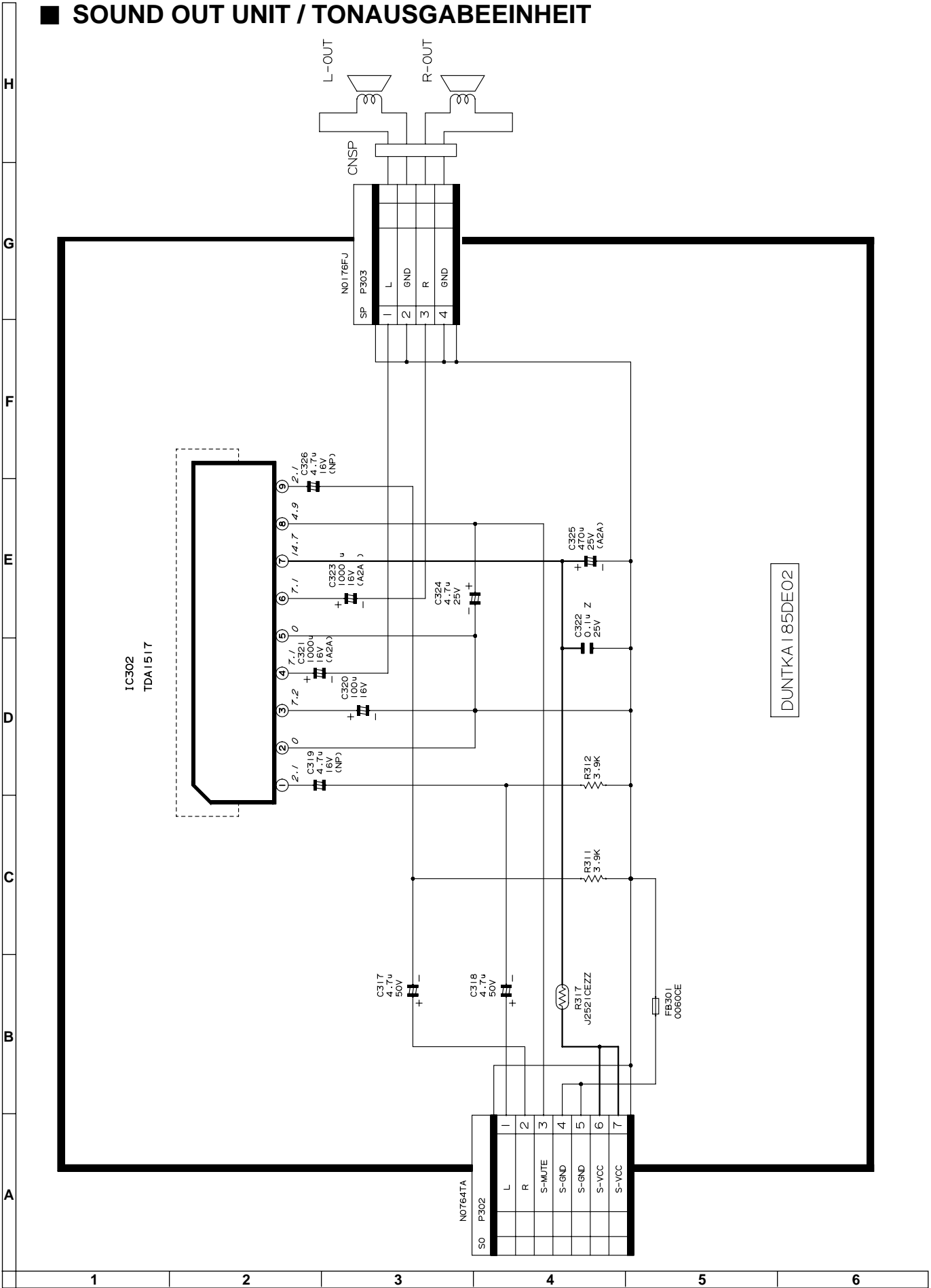
INPUT2

- EX-3V
- EXA
- CTS
- TXA
- RTS
- MON5V
- INI/12V
- FB
- Y-D
- PR

■ TERMINAL UNIT-2/2 / ANSCHLUßEINHEIT-2/2

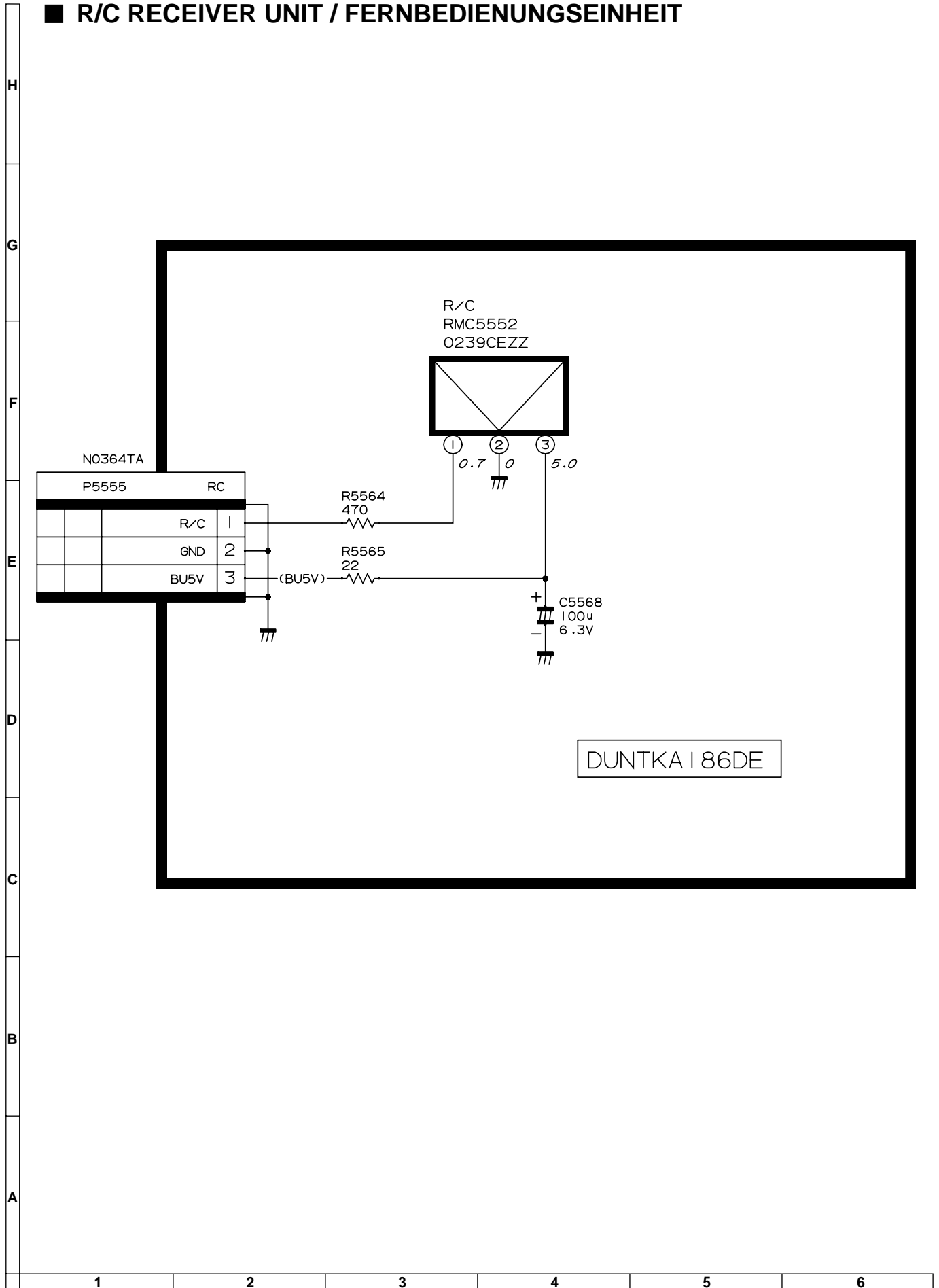


■ SOUND OUT UNIT / TONAUSGABEEINHEIT

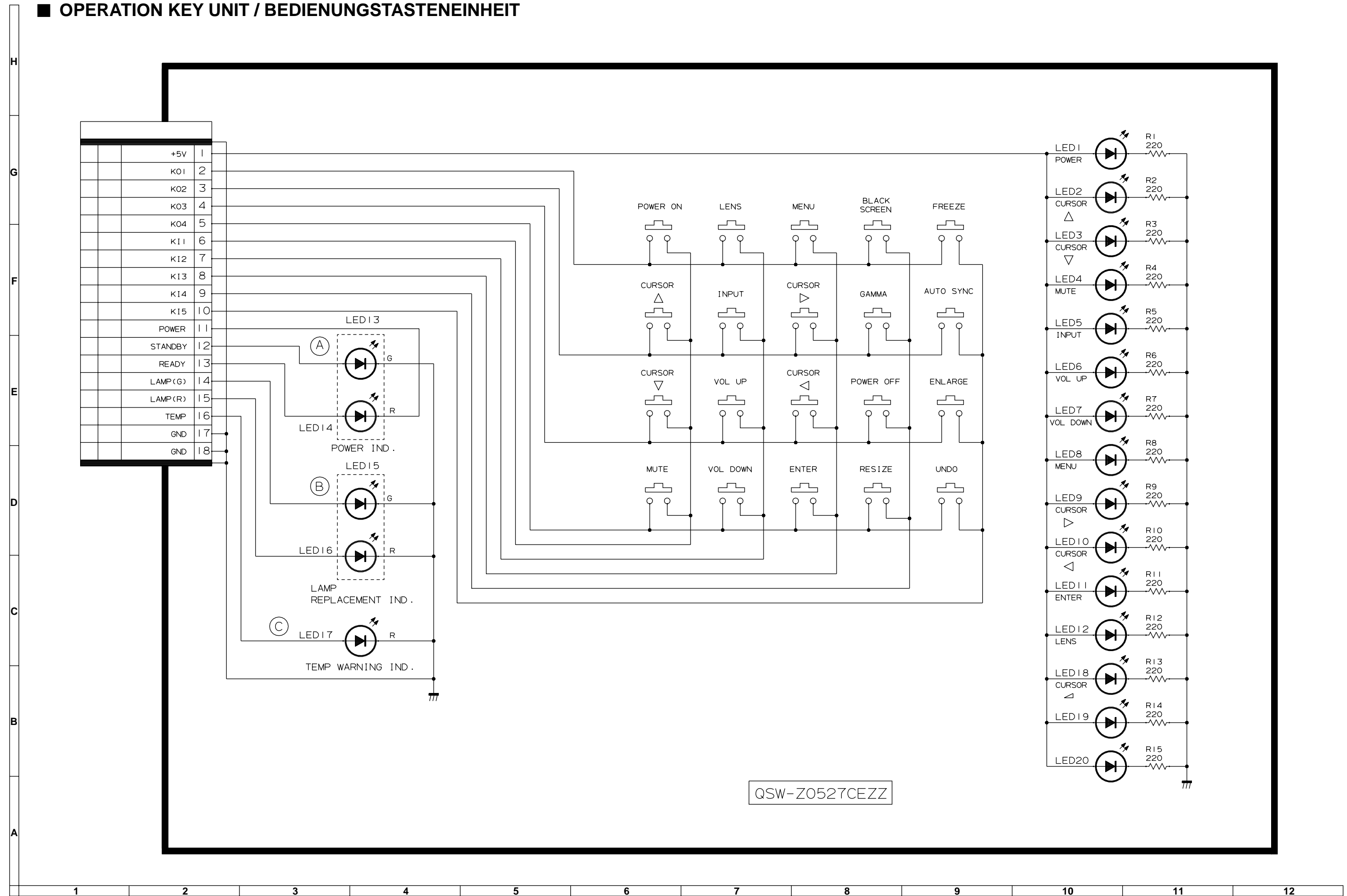


DUNTKA | 85DE02

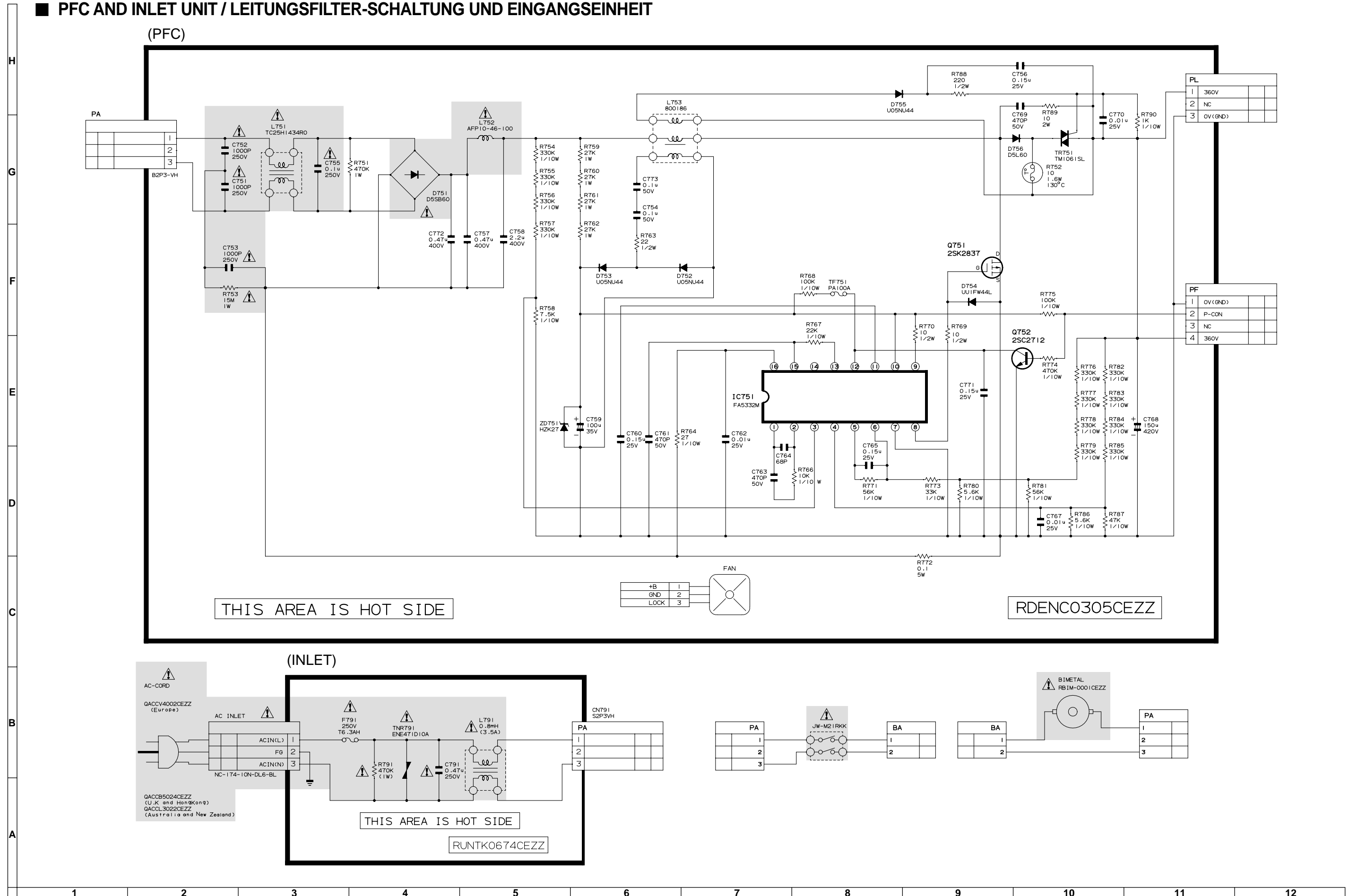
■ R/C RECEIVER UNIT / FERNBEDIENUNGSEINHEIT



■ OPERATION KEY UNIT / BEDIENUNGSTASTENEINHEIT



■ PFC AND INLET UNIT / LEITUNGSFILTER-SCHALTUNG UND EINGANGSEINHEIT



THIS AREA IS HOT SIDE

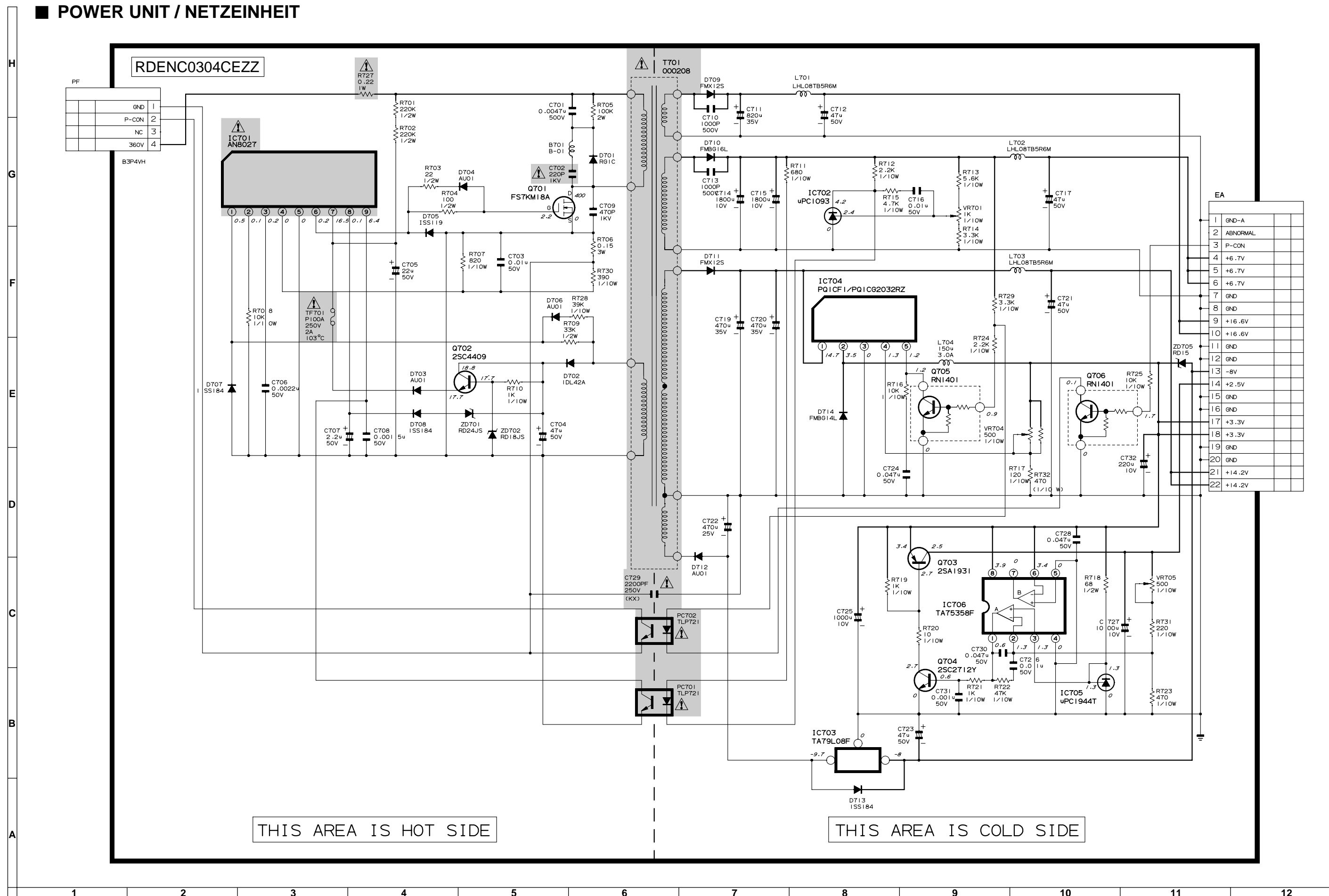
RDENC0305CEZZ

(INLET)

THIS AREA IS HOT SIDE

RUNTK0674CEZZ

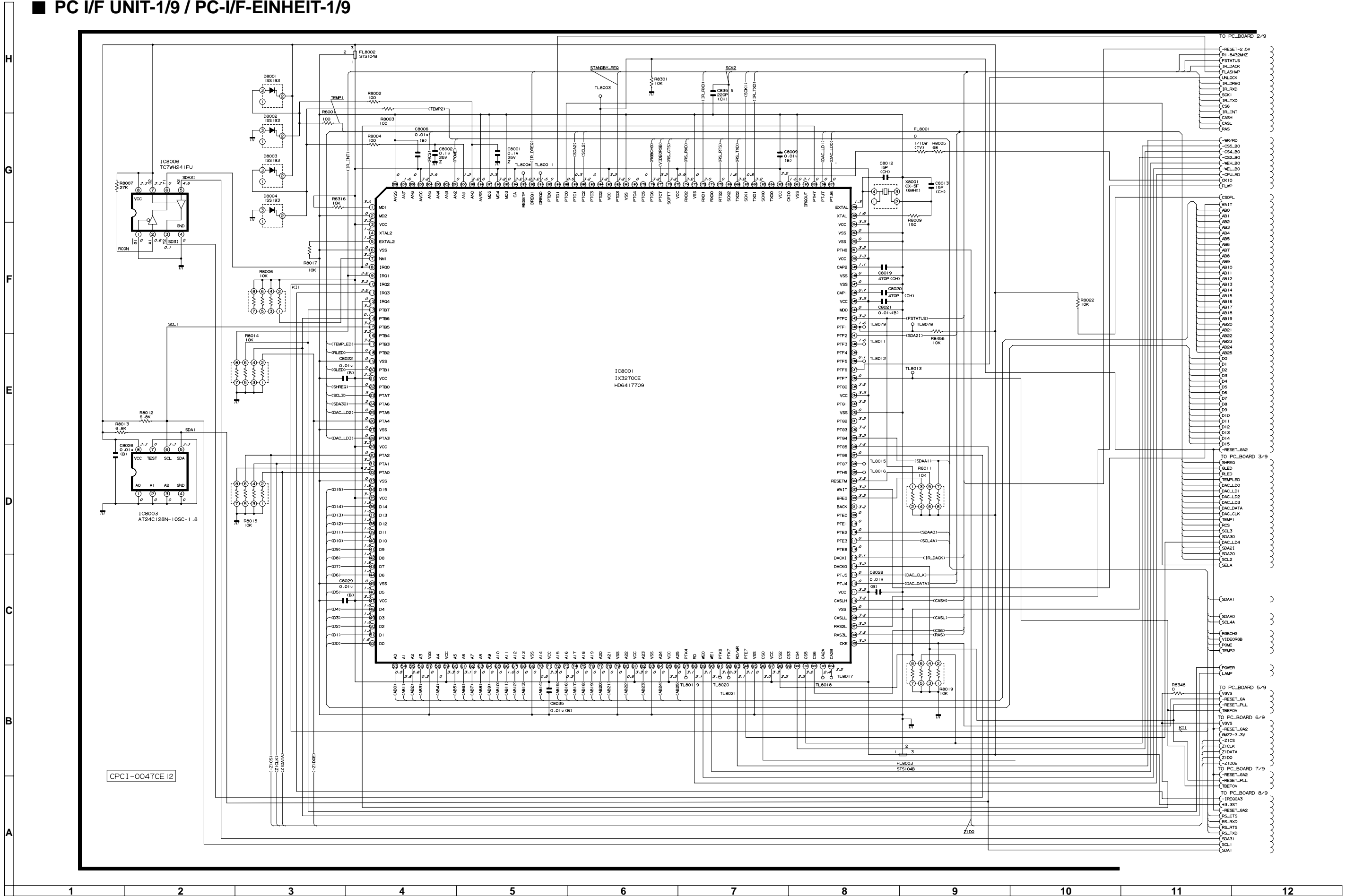
POWER UNIT / NETZEINHEIT



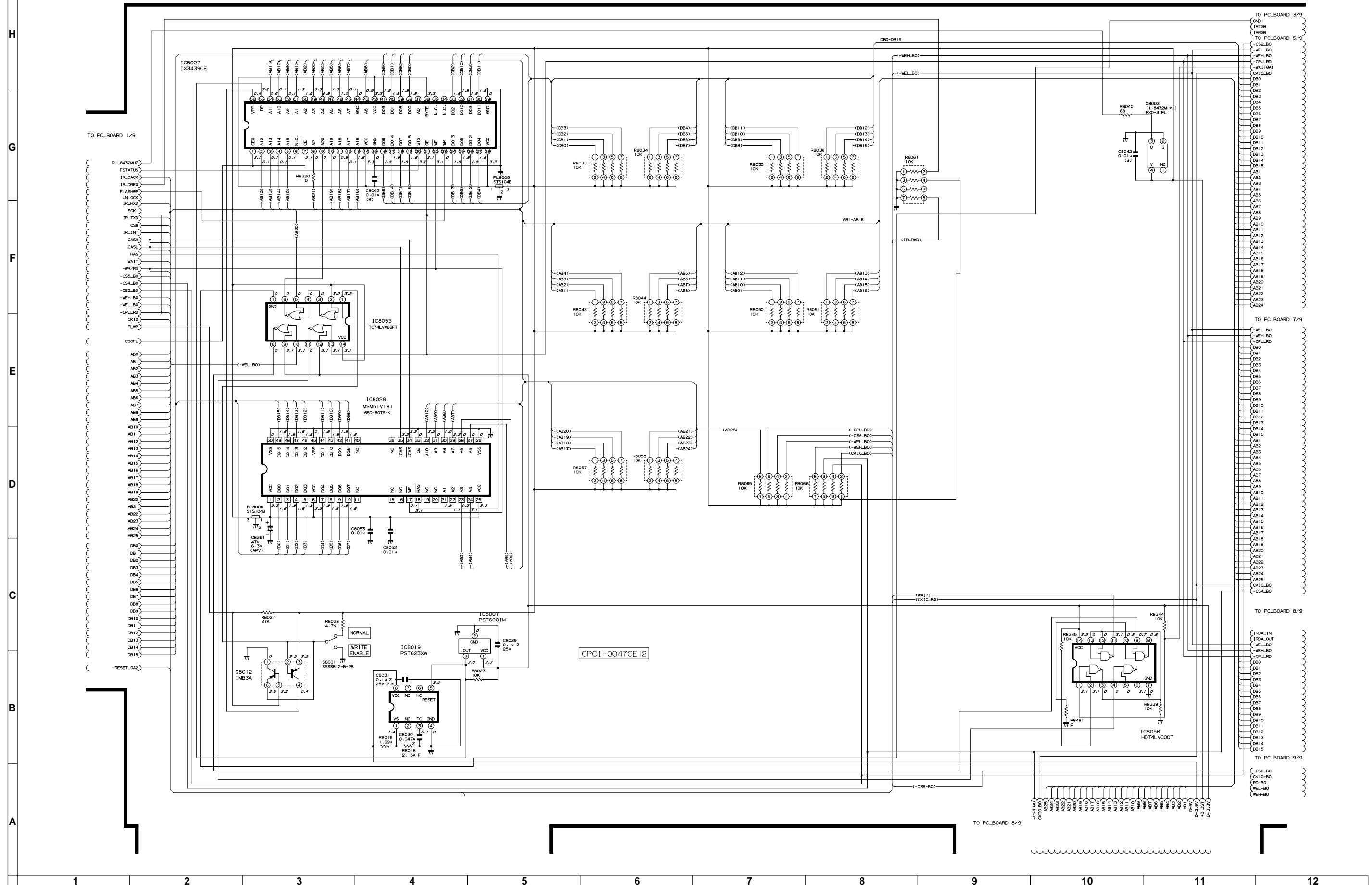
THIS AREA IS HOT SIDE

THIS AREA IS COLD SIDE

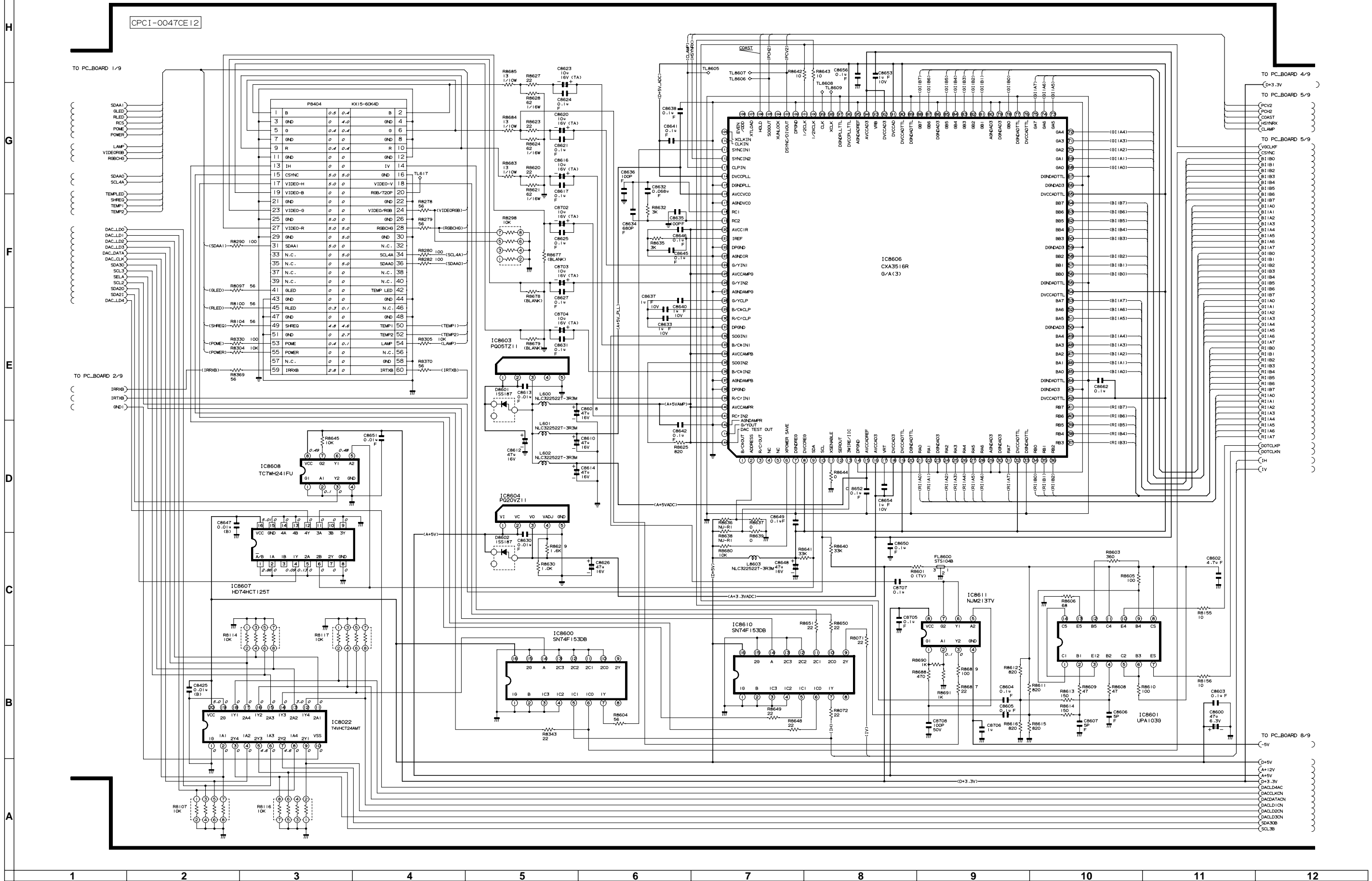
PC I/F UNIT-1/9 / PC-I/F-EINHEIT-1/9



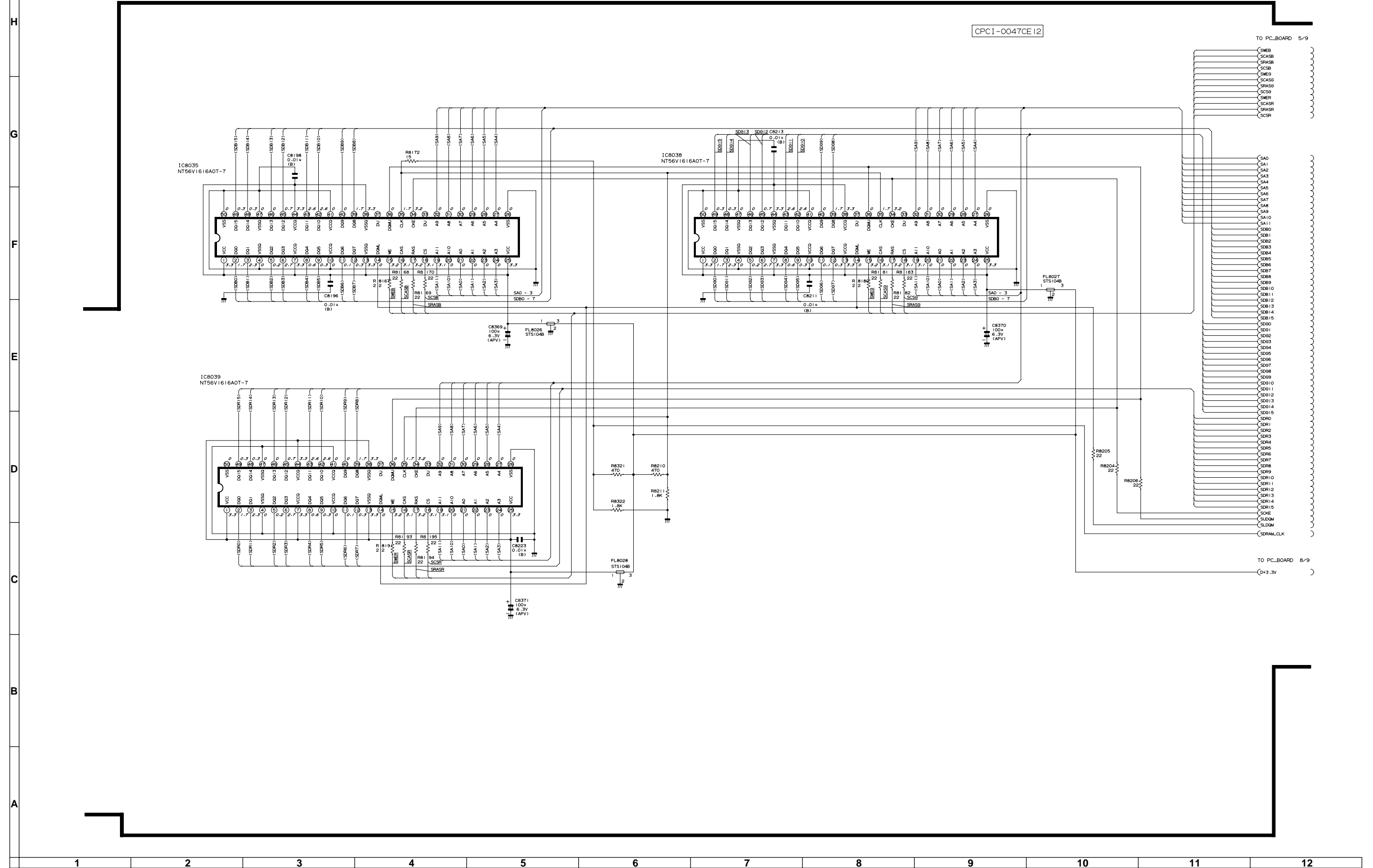
PC I/F UNIT-2/9 / PC-I/F-EINHEIT-2/9



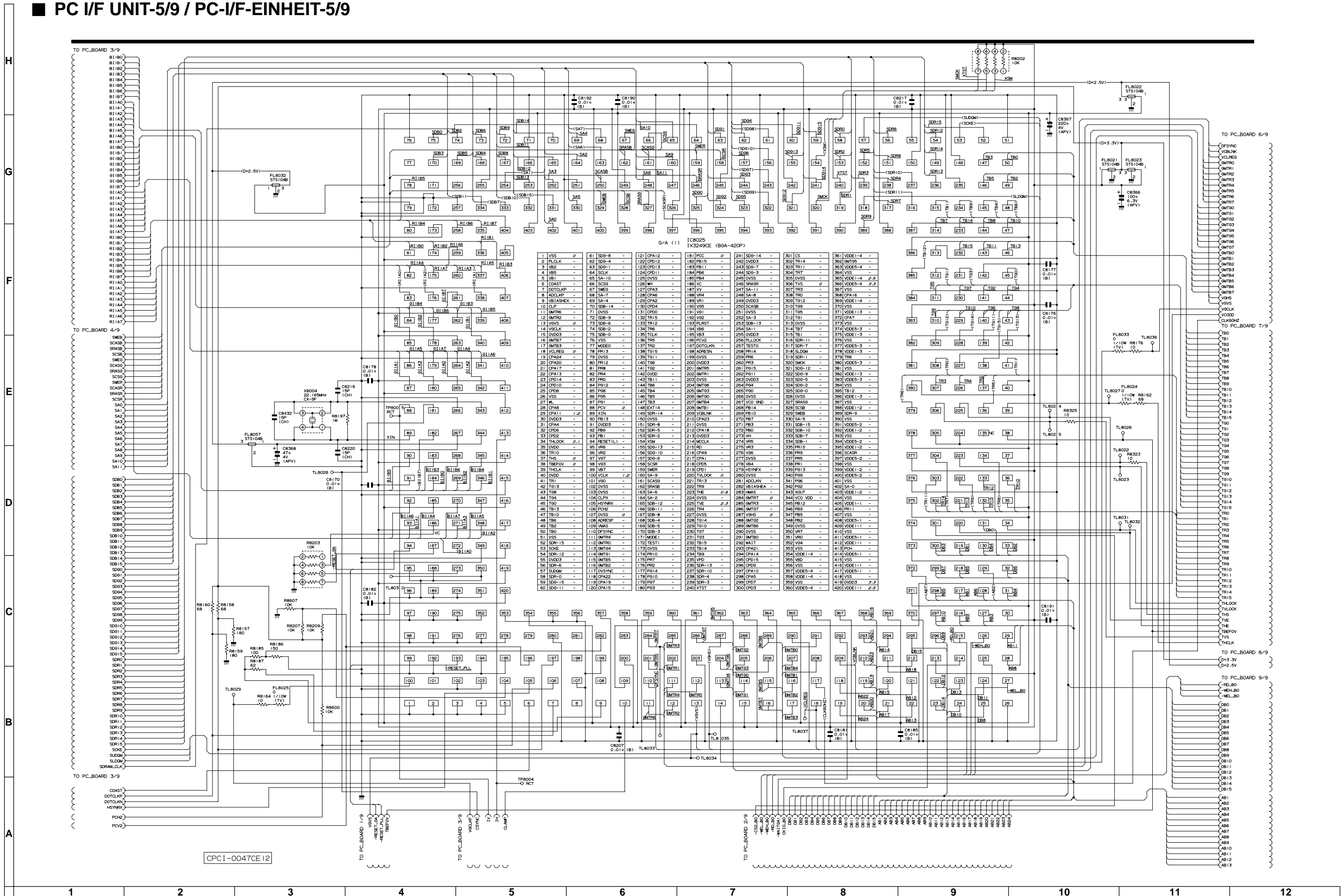
PC I/F UNIT-3/9 / PC-I/F-EINHEIT-3/9



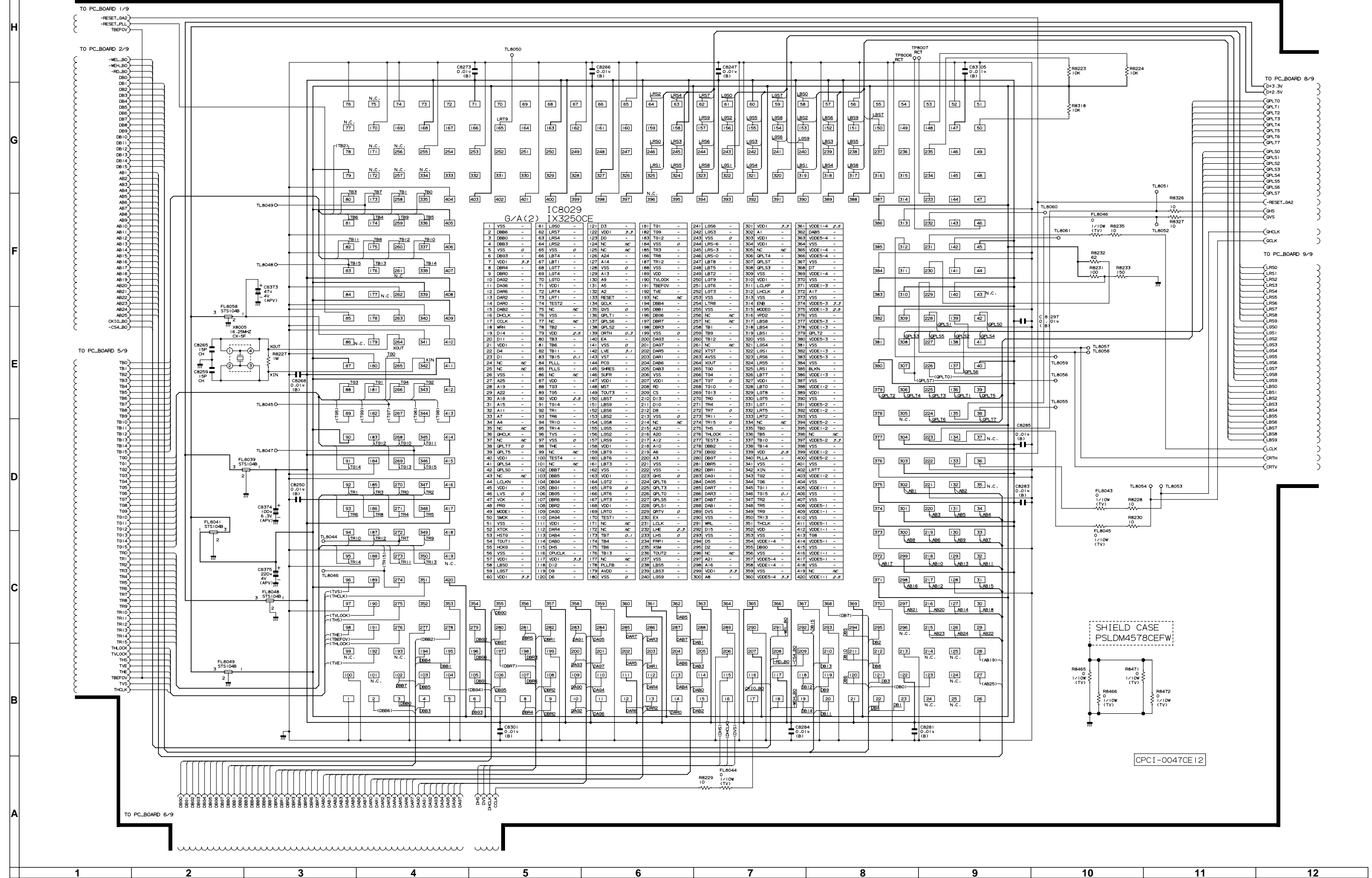
PC I/F UNIT-4/9 / PC-I/F-EINHEIT-4/9



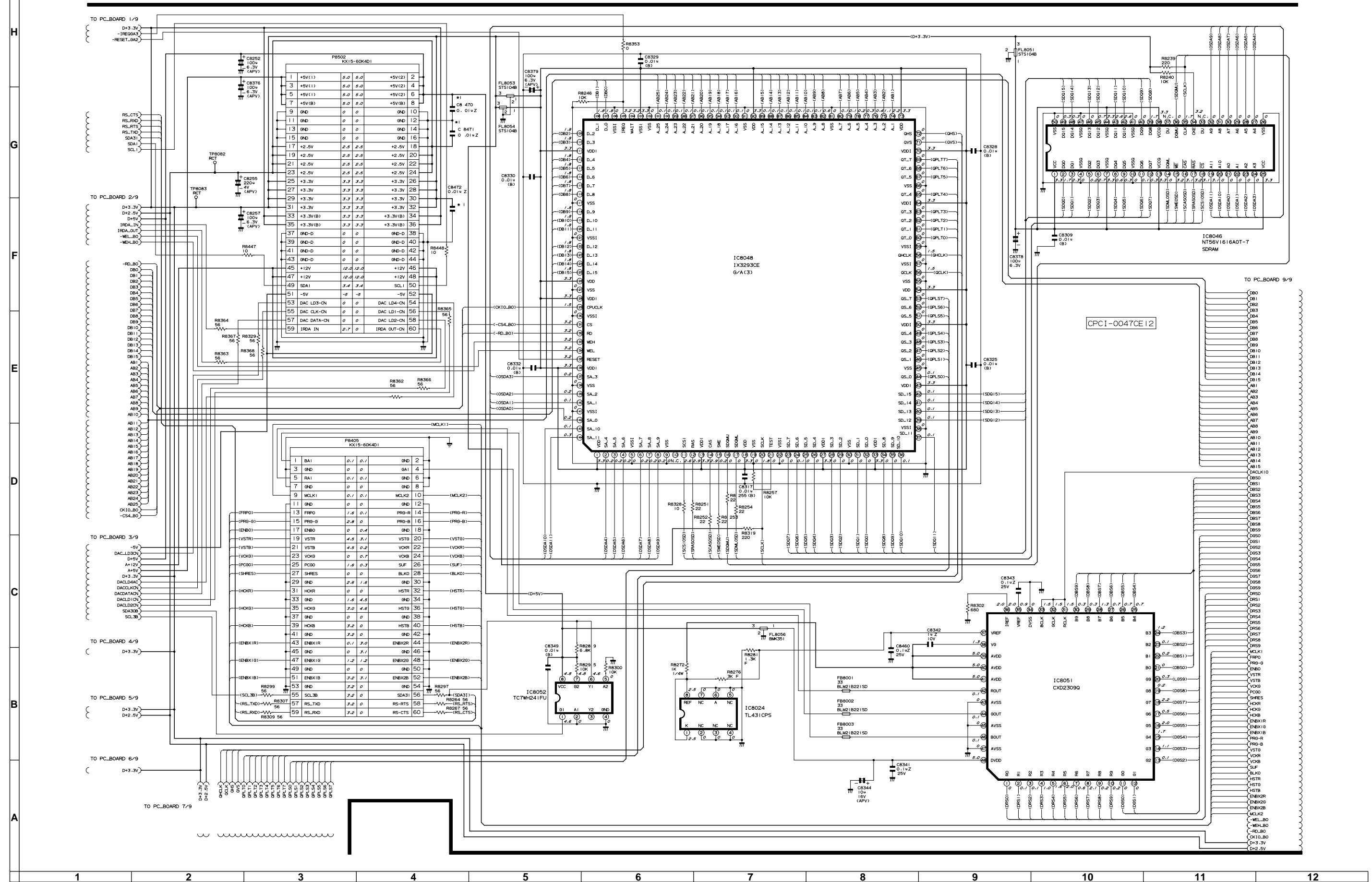
PC I/F UNIT-5/9 / PC-I/F-EINHEIT-5/9



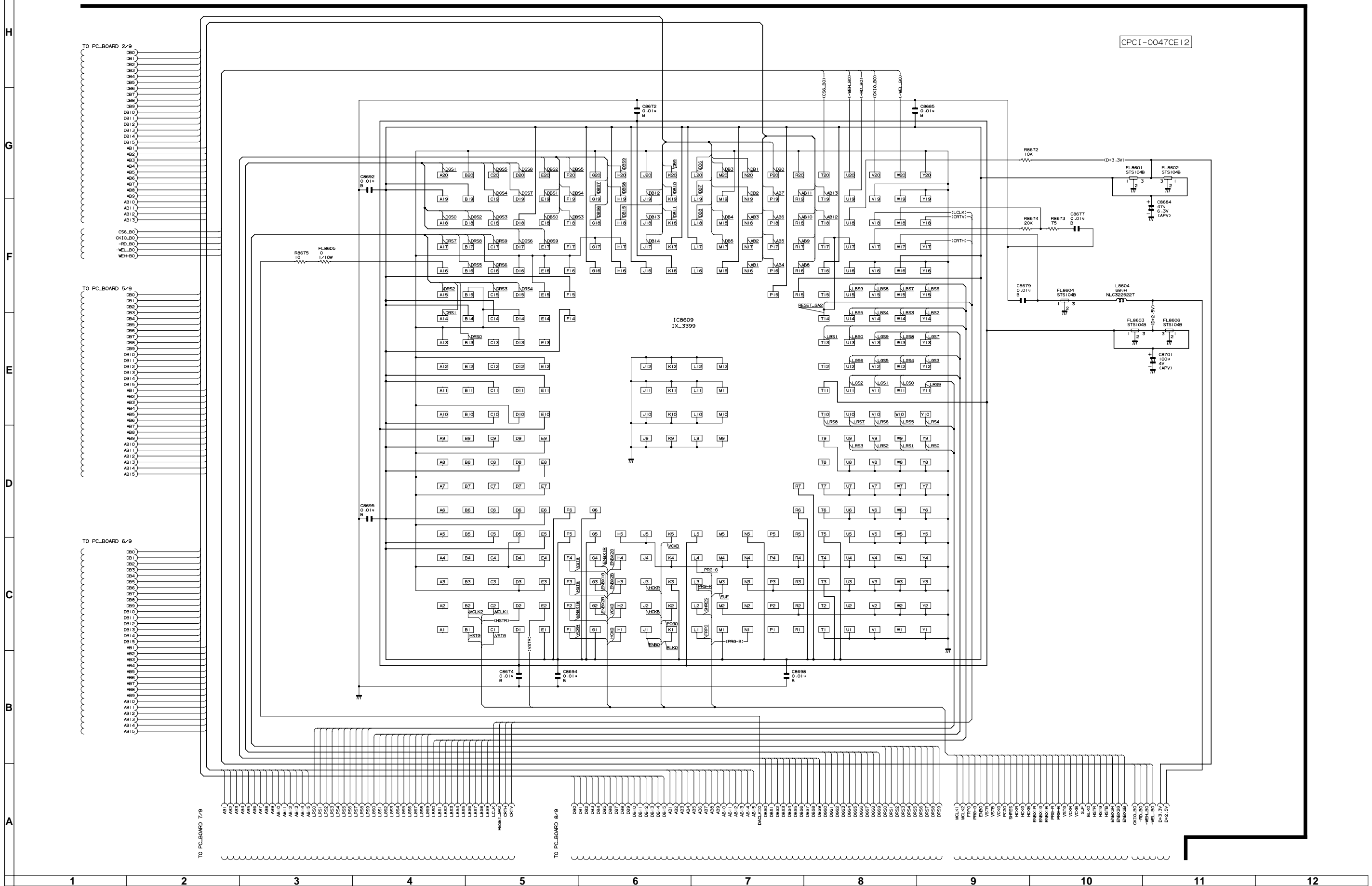
PC I/F UNIT-7/9 / PC-I/F-EINHEIT-7/9



PC I/F UNIT-8/9 / PC-I/F-EINHEIT-8/9

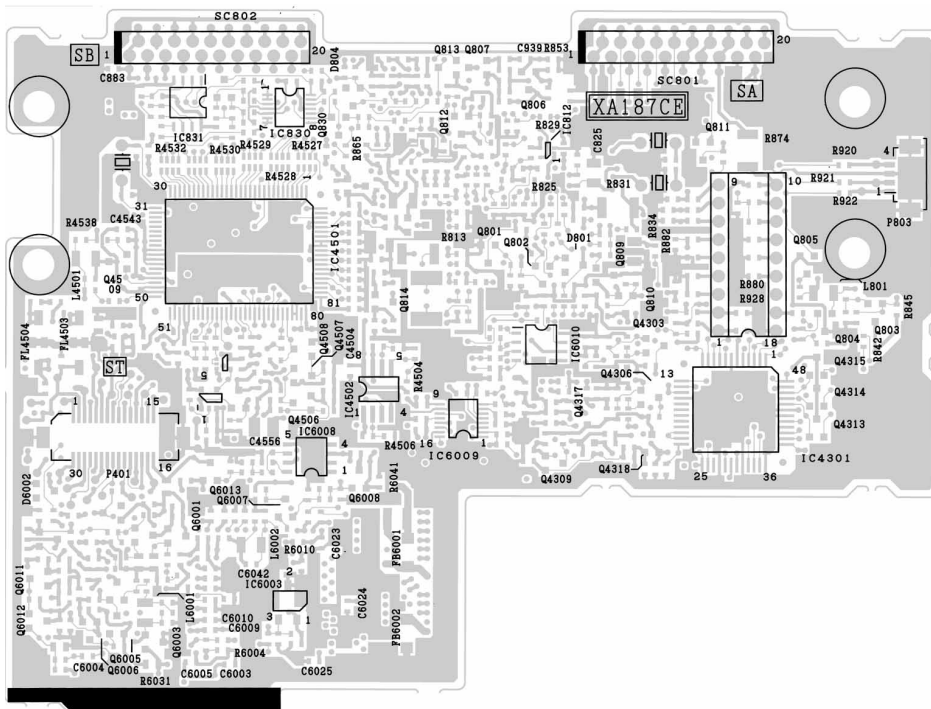


PC I/F UNIT-9/9 / PC-I/F-EINHEIT-9/9

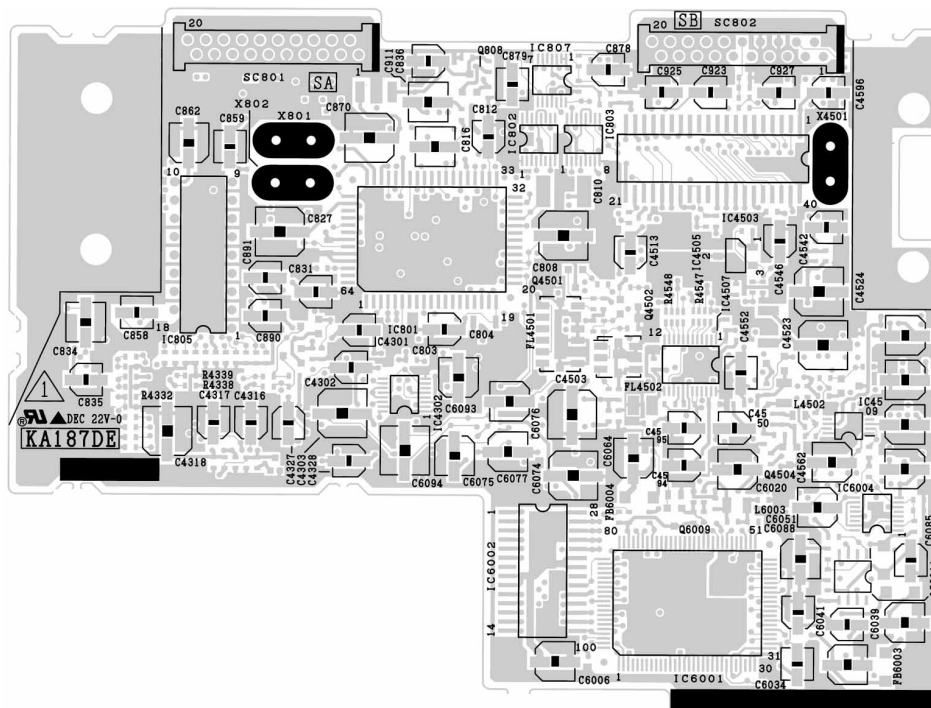


PRINTED WIRING BOARD ASSEMBLIES/ LEITERPLATTENEINHEITEN

H
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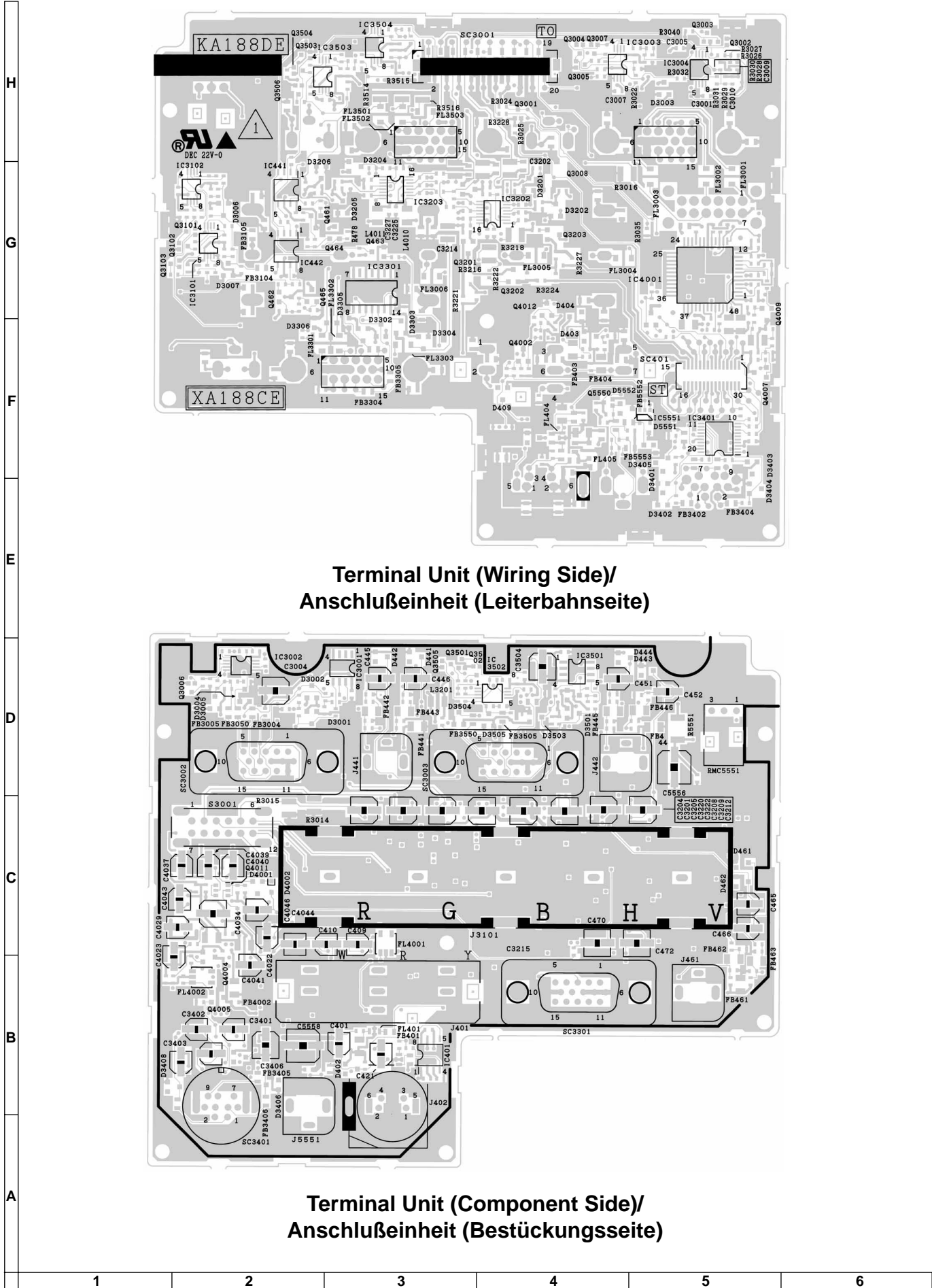


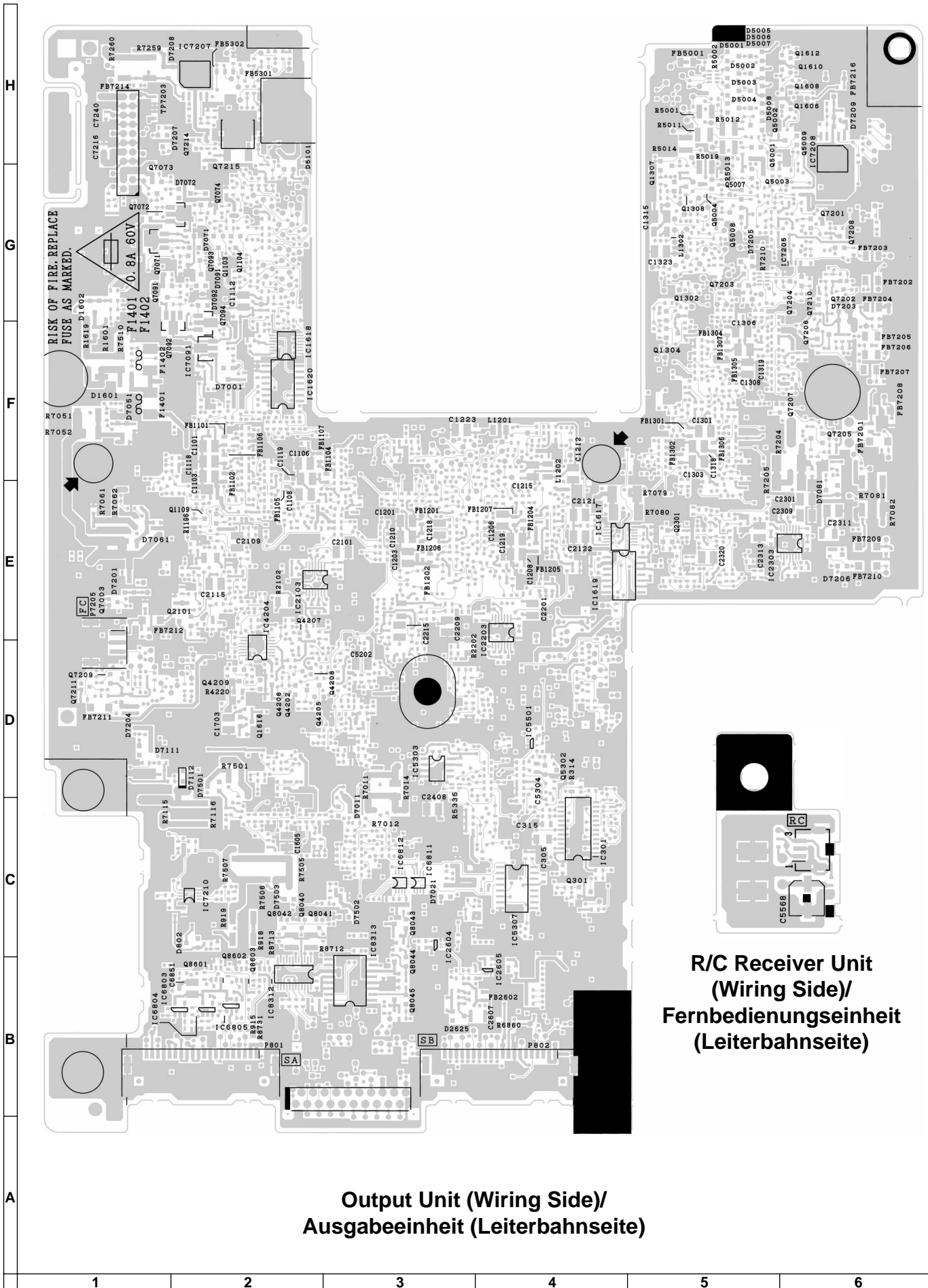
**Signal Unit (Wiring Side)/
Signaleinheit (Leiterbahnseite)**

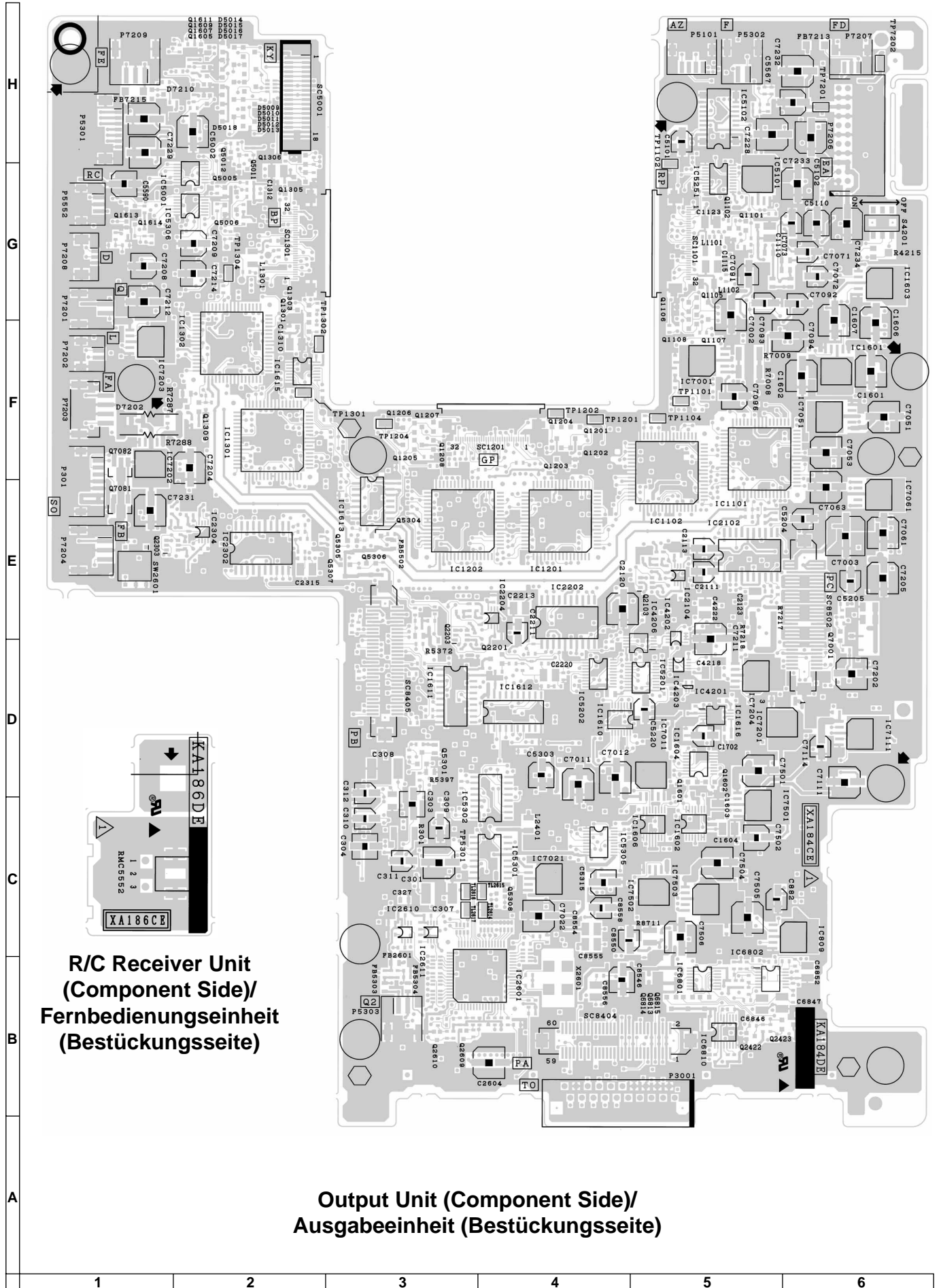


**Signal Unit (Component Side)/
Signaleinheit (Bestückungsseite)**

1 2 3 4 5 6



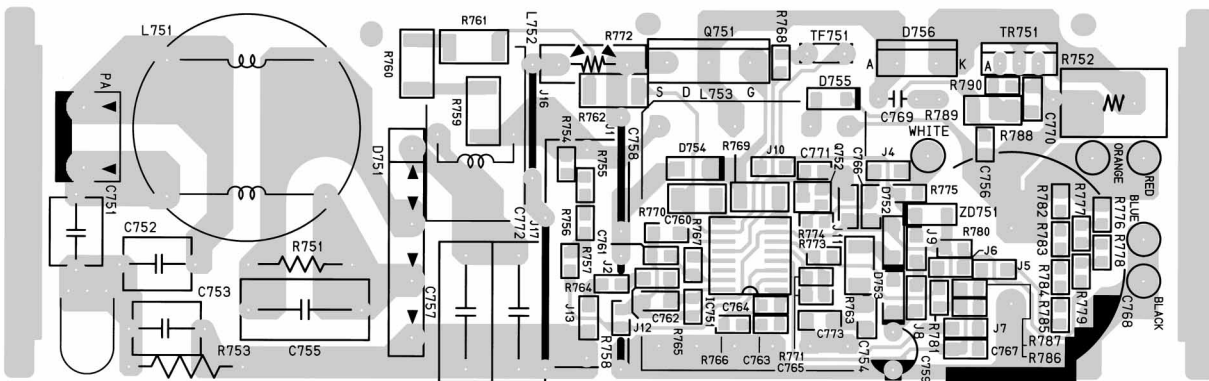




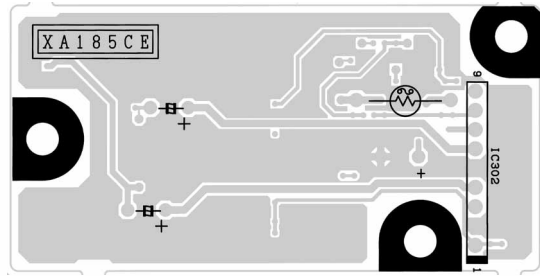
**R/C Receiver Unit
(Component Side)/
Fernbedienungseinheit
(Bestückungsseite)**

**Output Unit (Component Side)/
Ausgabeinheit (Bestückungsseite)**

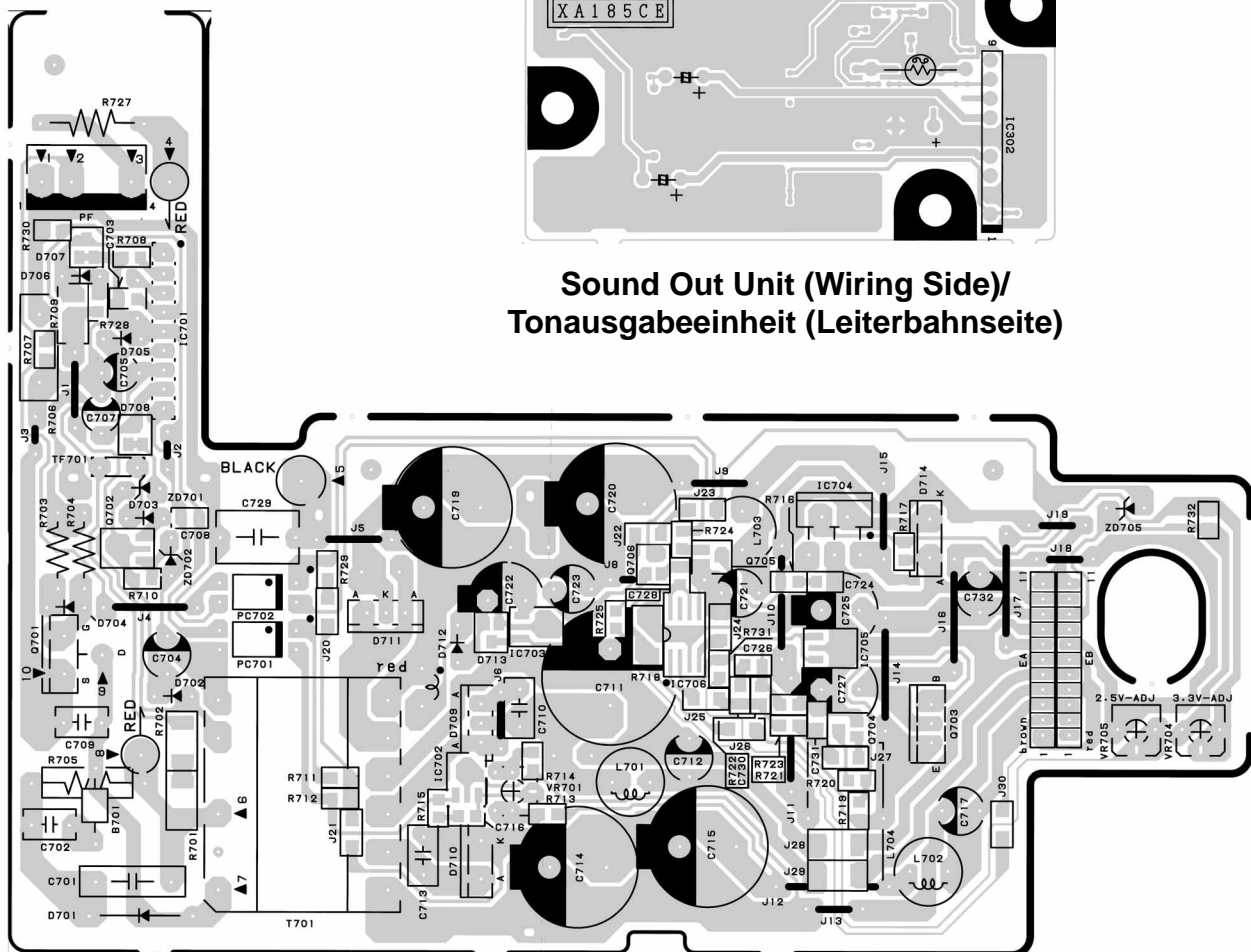
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1 2 3 4 5 6



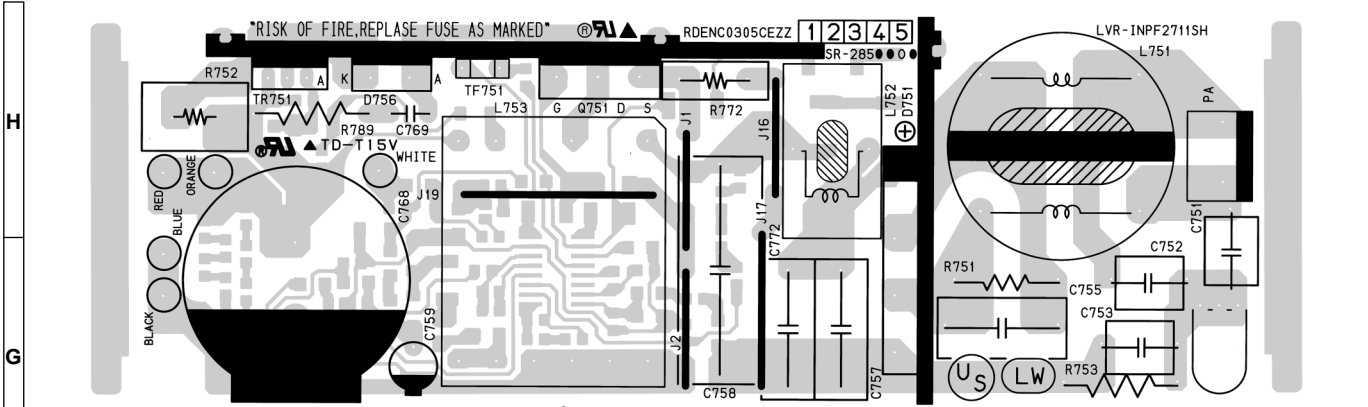
**PFC Unit (Wiring Side)/
Leitungsfiler-Schaltungseinheit (Leiterbahnseite)**



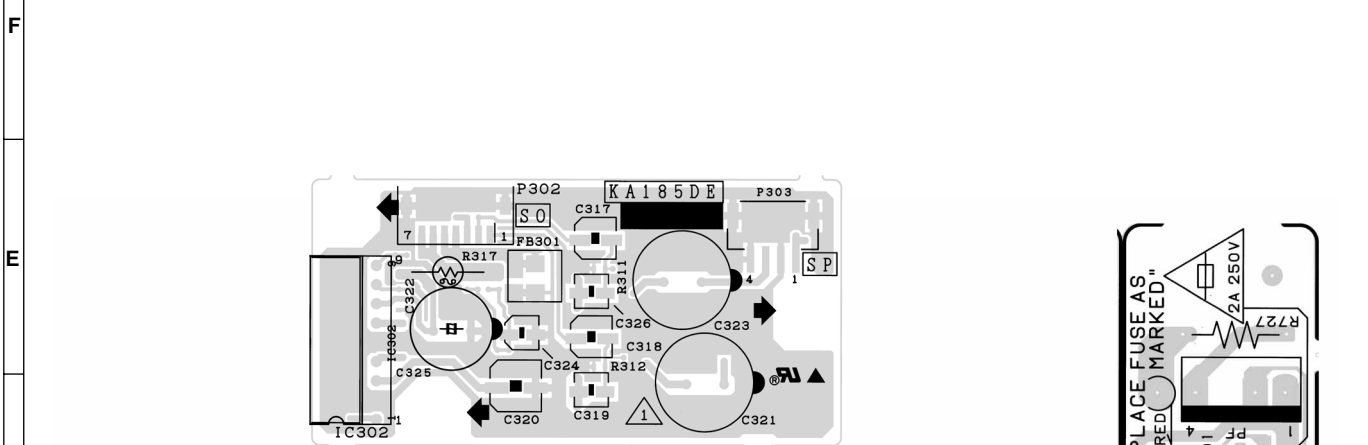
**Sound Out Unit (Wiring Side)/
Tonausgabereinheit (Leiterbahnseite)**



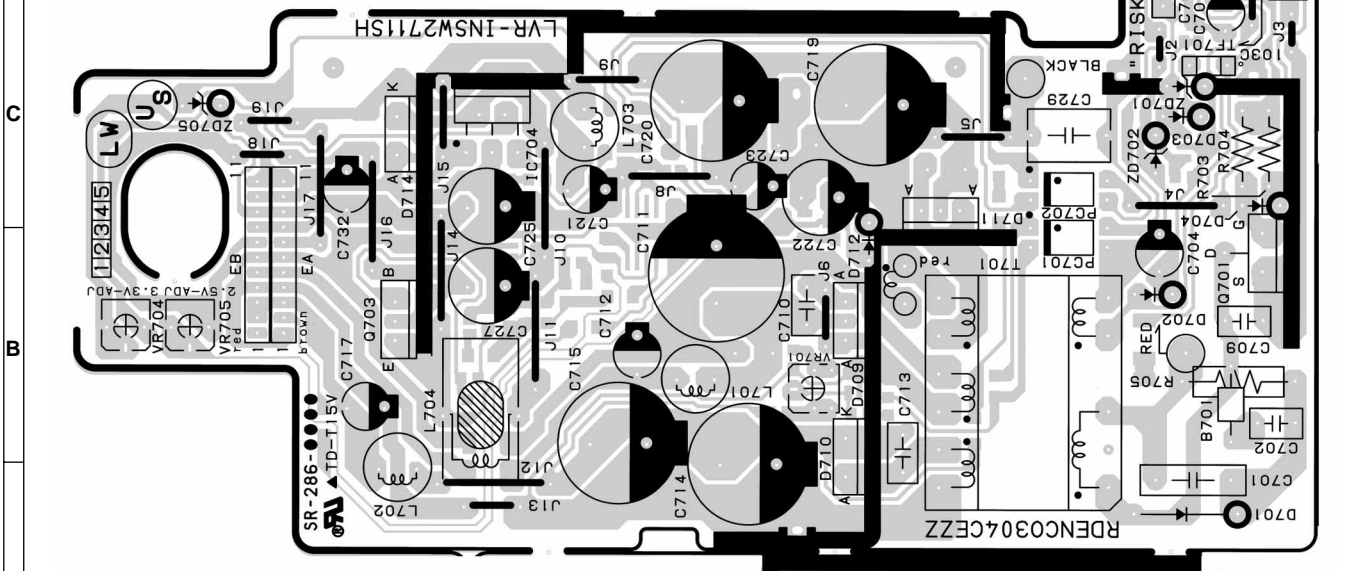
**Power Unit (Wiring Side)/
Netzereinheit (Leiterbahnseite)**



**PFC Unit (Component Side)/
Leitungsfilter-Schaltung-Einheit (Bestückungsseite)**



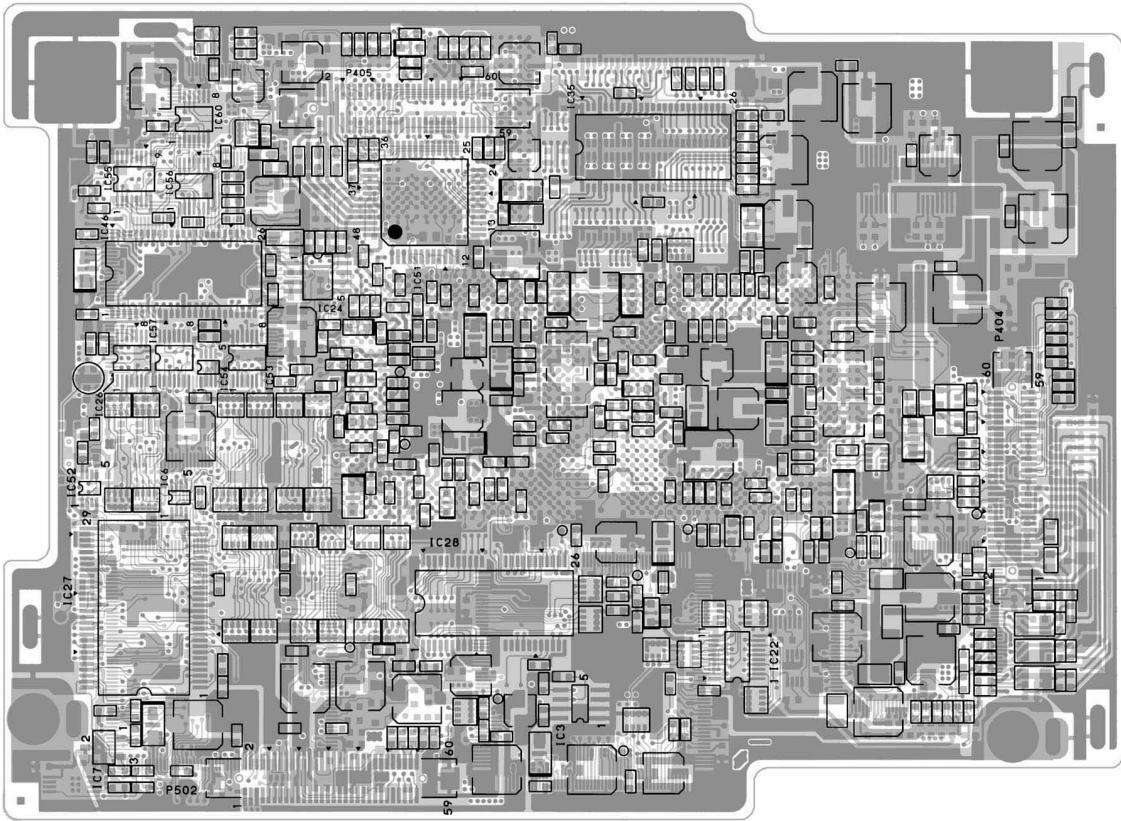
**Sound Out Unit (Component Side)/
Tonausgabereinheit (Bestückungsseite)**



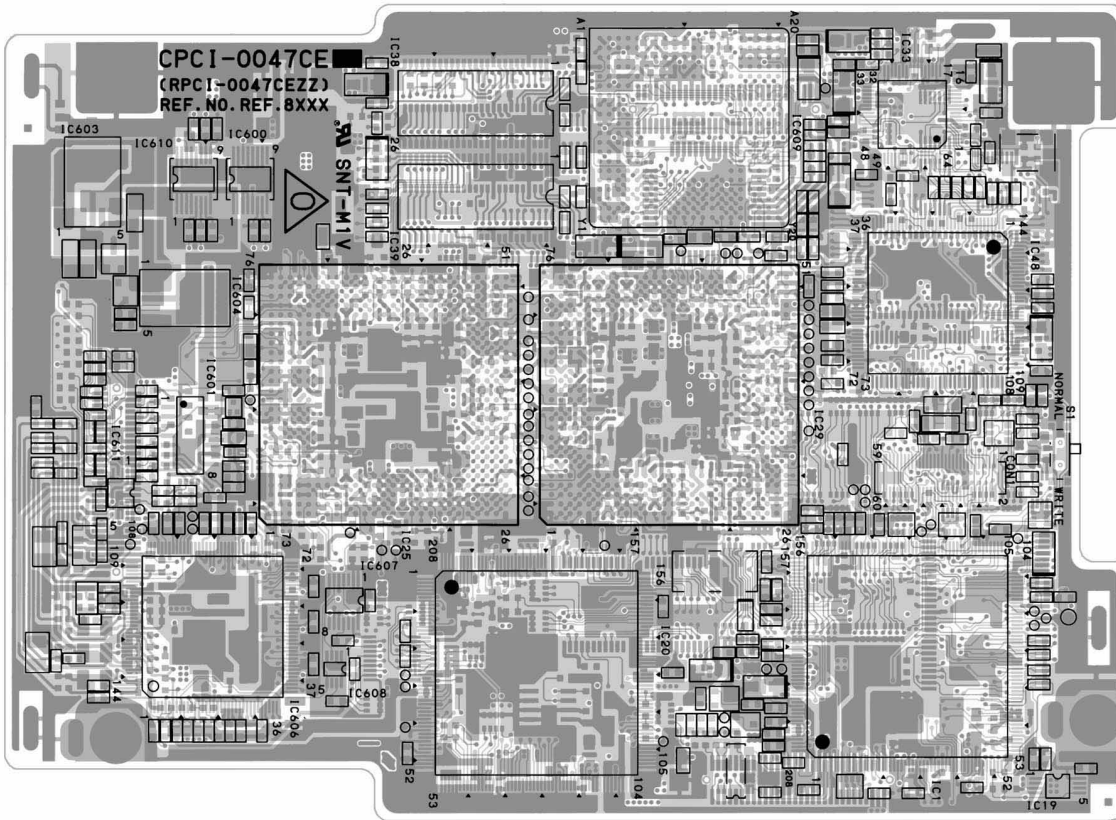
**Power Unit (Component Side)/
Netzeinheit (Bestückungsseite)**

1	2	3	4	5	6
---	---	---	---	---	---

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1 2 3 4 5 6



PC I/F Unit (Wiring Side) / PC-I/F Einheit (Leiterbahnseite)



PC I/F Unit (Component Side) / PC-I/F Einheit (Bestückungsseite)

H

G

F

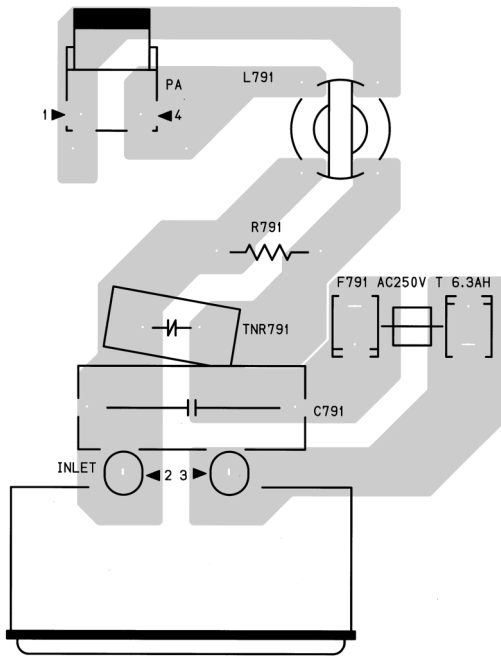
E

D

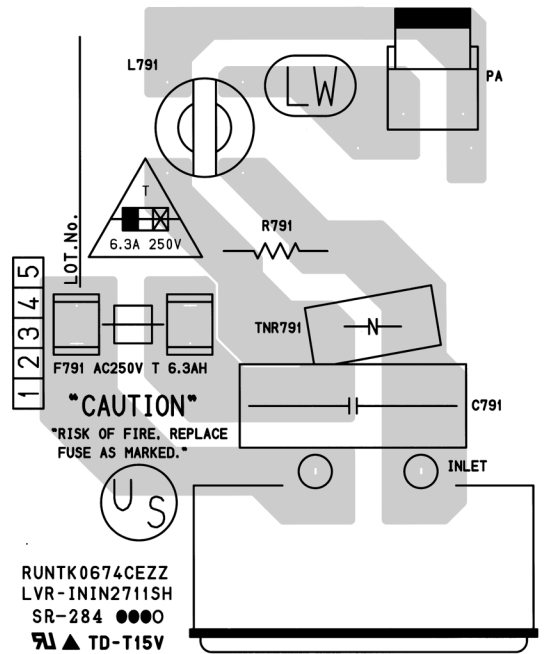
C

B

A



**Inlet Unit (Wiring Side)/
Eingangseinheit (Leiterbahnseite)**



**Inlet Unit (Component Side)/
Eingangseinheit (Bestückungsseite)**

1

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3

4

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6

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" in the Replacement Parts Lists. The use of a substitute replacement part which does not have the same safety characteristics 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 informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |
| 5. CODE | 6. QUANTITY |

★ MARK : SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
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LCD PANELS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDP0102CEN1	J	LCD Module Unit, Red	CY
RLCDP0103CEN1	J	LCD Module Unit, Green	CY
RLCDP0104CEN1	J	LCD Module Unit, Blue	CY

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

DUNTKA184DE02	-	Output Unit	—
DUNTKA185DE02	-	Sound Out Unit	—
DUNTKA186DE02	-	R/C Receiver Unit	—
DUNTKA187DE02	-	Signal Unit	—
DUNTKA188DE02	-	Terminal Unit	—
RUNTK0674CEZZ	-	Inlet Unit	—
RDENC0304CEZZ	-	Power Unit	—
RDENC0305CEZZ	-	PFC Unit (Power Filter Circuit)	—
CPCi-0047CE12	-	PC I/F Unit	—
RDENC0302CEZZ	J	Ballast Unit (Unit Replacement Item)	CC

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschaften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenschaften sind in den Ersatzteil durch "△" gekennzeichnet. Der Gebrauch von Ersatzteilen, die nicht dieselben Sicherheitseigenschaften haben wie die vom Hersteller empfohlenen und in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzschlägen, Bränden und anderen Gefahren werden.

"WIE MAN ERSTATSTEILE BESTELLT"

Damit Ihre Bestellung prompt und korrekt ausgeführt wird, geben Sie bitte folgende Informationen.

- | | |
|-------------------|-----------------|
| 1. MODELL NR. | 2. REF. NR. |
| 3. ERSATZTEIL NR. | 4. BESCHREIBUNG |
| 5. KODE | 6. QUANTITÄT |

★ MARKIERUNG : ERSATZTEILE-LIEFERUNG

Ref. No.	Part No.	★	Description	Code
----------	----------	---	-------------	------

DUNTKA184DE02 OUTPUT UNIT

INTEGRATED CIRCUITS

IC301	VHiTA8184F/-1	J	TA8184F	AN
IC809	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1101	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1102	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1201	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1202	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1301	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1302	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1601	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1602	VHiNJM2060V-1	J	NJM2060V	AF
IC1603	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1604	VHiTC4053BT-1	J	TC4053BFT	AG
IC1606	VHiHC4538T-1	J	TC74HC4538AFT	AL
IC1610	VHiNJM2902V-1	J	NJM2902V	AD
IC1611	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC1612	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC1613	RH-iX1952CEZZ	J	74F86SJ	AD
IC1615	VHi74HCT125-1	J	HD74HCT125T	AF
IC1616	VHiNJM2904V-1	J	NJM2904V	AF
IC1617	VHi74HCT125-1	J	HD74HCT125T	AF
IC1618	VHi74HCT125-1	J	HD74HCT125T	AF
IC1619	RH-iX1952CEZZ	J	74F86SJ	AD
IC1620	RH-iX1952CEZZ	J	74F86SJ	AD
IC2102	VHiLM2202M/-1	J	LM2202MX	AR
IC2103	VHiNJM2060V-1	J	NJM2060V	AF
IC2104	VHiTC4W53U/-1	J	TC4W53FU	AF
IC2202	VHiLM2202M/-1	J	LM2202MX	AR
IC2203	VHiNJM2060V-1	J	NJM2060V	AF
IC2204	VHiTC4W53U/-1	J	TC4W53FU	AF
IC2302	VHiLM2202M/-1	J	LM2202MX	AR
IC2303	VHiNJM2060V-1	J	NJM2060V	AF
IC2304	VHiTC4W53U/-1	J	TC4W53FU	AF
IC2601	RH-iX3393CEZZ	J	I.C.	AR
IC2604	VHiT7SET08U-1	J	TC7SET08FU	AE
IC2605	VHiT7SET08U-1	J	TC7SET08FU	AE
IC2610	VHiT7WH241U-1	J	TC7WH241FU	AF
IC2611	VHiT7WH241U-1	J	TC7WH241FU	AF
IC4201	VHiT7SET08U-1	J	TC7SET08FU	AE
IC4202	VHiTC4W53U/-1	J	TC4W53FU	AF
IC4203	VHiTC4W66U/-1	J	TC4W66FU	AF
IC4204	VHiNJM2060V-1	J	NJM2060V	AF
IC4206	VHiNJM2904V-1	J	NJM2904V	AF
IC5001	VHiSNHC08T/-1	J	SN74HC08PW	AG
IC5101	VHiPQ05TZ11-1	J	PQ05TZ11	AH

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA184DE02									
OUTPUT UNIT (Continued)									
IC5102	VHILB1831M/-1	J	LB1831M	AN	Q1606	VS2SC3928AR-1	J	2SC3928AR	AB
IC5201	VHIM62352GP-1	J	M62352GP	AQ	Q1607	VS2SC3928AR-1	J	2SC3928AR	AB
IC5202	VHIM62352GP-1	J	M62352GP	AQ	Q1608	VS2SA1530AR-1	J	2SA1530AR	AB
IC5251	VHIM62352GP-1	J	M62352GP	AQ	Q1609	VS2SC3928AR-1	J	2SC3928AR	AB
IC5301	VHIM62320FP-1	J	M62320FP	AK	Q1610	VS2SA1530AR-1	J	2SA1530AR	AB
IC5302	VHIM62320FP-1	J	M62320FP	AK	Q1611	VS2SC3928AR-1	J	2SC3928AR	AB
IC5303	VHIBR24C64F-E2	J	BR24C64F-E2	AL	Q1612	VS2SA1530AR-1	J	2SA1530AR	AB
IC5305	VHIM62352GP-1	J	M62352GP	AQ	Q1613	VS2SC3928AR-1	J	2SC3928AR	AB
IC5306	VHISNHC00T/-1	J	SN74HC00PW	AG	Q1614	VS2SD1664R/-1	J	2SD1664R	AC
IC5307	VHIM62320FP-1	J	M62320FP	AK	Q1616	VS2SA1530AR-1	J	2SA1530AR	AB
IC5501	VHIT7SET08U-1	J	TC7SET08FU	AE	Q2101	VS2SC2735//-1	J	2SC2735	AB
IC6801	VHITC4053BT-1	J	TC4053BFT	AG	Q2103	VSIMZ1A////-1	J	IMZ1A	AC
IC6802	VHINJM2902V-1	J	NJM2902V	AD	Q2201	VS2SC2735//-1	J	2SC2735	AB
IC6803	VHIAD8051AT-1	J	AD8051ART	AP	Q2203	VSIMZ1A////-1	J	IMZ1A	AC
IC6804	VHIAD8051AT-1	J	AD8051ART	AP	Q2301	VS2SC2735//-1	J	2SC2735	AB
IC6805	VHIAD8051AT-1	J	AD8051ART	AP	Q2303	VSIMZ1A////-1	J	IMZ1A	AC
IC6810	VHITHC4538T-1	J	TC74HC4538AFT	AL	Q2422	VSDTC114EU/-1	J	DTC114EU	AB
IC6811	VHIT7WH241U-1	J	TC7WH241FU	AF	Q2609	VSDTC144EU/-1	J	DTC144EU	AB
IC6812	VHIT7WH241U-1	J	TC7WH241FU	AF	Q4202	VS2SC3928AR-1	J	2SC3928AR	AB
IC7001	VHIPQ05TZ11-1	J	PQ05TZ11	AH	Q4205	VS2SC3928AR-1	J	2SC3928AR	AB
IC7011	RH-IX2204CEZZ	J	PQ05TZ11	AG	Q4206	VS2SC3928AR-1	J	2SC3928AR	AB
IC7021	VHIPQ05TZ11-1	J	PQ05TZ11	AH	Q4207	VSDTC114EU/-1	J	DTC114EU	AB
IC7051	VHIPQ05TZ11-1	J	PQ05TZ11	AH	Q4208	VSDTC114EU/-1	J	DTC114EU	AB
IC7061	VHIPQ05TZ11-1	J	PQ05TZ11	AH	Q4209	VS2SA1530AR-1	J	2SA1530AR	AB
IC7091	VHINJ7211U2-1	J	NJU7211U20	AG	Q5001	VS2SC3928AR-1	J	2SC3928AR	AB
IC7111	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5002	VS2SC3928AR-1	J	2SC3928AR	AB
IC7201	VHIPQ05SZ51-1	J	PQ05SZ51	AG	Q5003	VS2SC3928AR-1	J	2SC3928AR	AB
IC7202	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5004	VS2SC3928AR-1	J	2SC3928AR	AB
IC7203	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5005	VS2SC3928AR-1	J	2SC3928AR	AB
IC7204	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5006	VS2SC3928AR-1	J	2SC3928AR	AB
IC7205	RH-IX2296CEZZ	J	TC7S66F	AD	Q5007	VS2SC3928AR-1	J	2SC3928AR	AB
IC7207	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5008	VS2SC3928AR-1	J	2SC3928AR	AB
IC7208	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5009	VS2SC3928AR-1	J	2SC3928AR	AB
IC7210	VHITC4W66U/-1	J	TC4W66FU	AF	Q5011	VSDTC144EU/-1	J	DTC144EU	AB
IC7501	VHIPQ20VZ11-1	J	PQ20VZ11	AH	Q5012	VSDTC144EU/-1	J	DTC144EU	AB
IC7502	VHIPQ05TZ11-1	J	PQ05TZ11	AH	Q5301	VS2SC3928AR-1	J	2SC3928AR	AB
IC7503	RH-IX2204CEZZ	J	PQ12TZ11	AG	Q5302	VS2SC3928AR-1	J	2SC3928AR	AB
IC8312	VHIAD8183+-1	J	AD8183ARU	AW	Q5304	VS2SC2735//-1	J	2SC2735	AB
IC8313	VHIML64203/-1	J	M16420CS-3	AY	Q5305	VS2SC2735//-1	J	2SC2735	AB
TRANSISTORS					Q5306	VS2SC2735//-1	J	2SC2735	AB
Q301	VS2SC3928AR-1	J	2SC3928AR	AB	Q5307	VS2SC2735//-1	J	2SC2735	AB
Q1101	VS2SC3928AR-1	J	2SC3928AR	AB	Q5308	VSDTC144EU/-1	J	DTC144EU	AB
Q1102	VS2SA1530AR-1	J	2SA1530AR	AB	Q6813	VS2SC3928AR-1	J	2SC3928AR	AB
Q1103	VS2SC3928AR-1	J	2SC3928AR	AB	Q6814	VS2SC3928AR-1	J	2SC3928AR	AB
Q1104	VS2SA1530AR-1	J	2SA1530AR	AB	Q6815	VS2SC3928AR-1	J	2SC3928AR	AB
Q1105	VS2SC3928AR-1	J	2SC3928AR	AB	Q7001	VS2SA1530AR-1	J	2SA1530AR	AB
Q1106	VS2SA1530AR-1	J	2SA1530AR	AB	Q7003	VSDTC144EU/-1	J	DTC144EU	AB
Q1107	VS2SC3928AR-1	J	2SC3928AR	AB	Q7071	VS2SB1132Q/-1	J	2SB1132Q	AC
Q1108	VS2SA1530AR-1	J	2SA1530AR	AB	Q7072	VS2SD1664R/-1	J	2SD1664R	AC
Q1109	VS2SA1530AR-1	J	2SA1530AR	AB	Q7073	VS2SA1530AR-1	J	2SA1530AR	AB
Q1201	VS2SC3928AR-1	J	2SC3928AR	AB	Q7074	VS2SC3928AR-1	J	2SC3928AR	AB
Q1202	VS2SA1530AR-1	J	2SA1530AR	AB	Q7081	VS2SD1664R/-1	J	2SD1664R	AC
Q1203	VS2SC3928AR-1	J	2SC3928AR	AB	Q7082	VS2SD1664R/-1	J	2SD1664R	AC
Q1204	VS2SA1530AR-1	J	2SA1530AR	AB	Q7091	VS2SA1530AR-1	J	2SA1530AR	AB
Q1205	VS2SC3928AR-1	J	2SC3928AR	AB	Q7092	VS2SD1664R/-1	J	2SD1664R	AC
Q1206	VS2SA1530AR-1	J	2SA1530AR	AB	Q7093	VS2SC3928AR-1	J	2SC3928AR	AB
Q1207	VS2SC3928AR-1	J	2SC3928AR	AB	Q7094	VS2SB1132Q/-1	J	2SB1132Q	AC
Q1208	VS2SA1530AR-1	J	2SA1530AR	AB	Q7201	VS2SC3928AR-1	J	2SC3928AR	AB
Q1301	VS2SC3928AR-1	J	2SC3928AR	AB	Q7202	VSDTC114EU/-1	J	DTC114EU	AB
Q1302	VS2SA1530AR-1	J	2SA1530AR	AB	Q7203	VS2SC3928AR-1	J	2SC3928AR	AB
Q1303	VS2SC3928AR-1	J	2SC3928AR	AB	Q7204	VS2SC3928AR-1	J	2SC3928AR	AB
Q1304	VS2SA1530AR-1	J	2SA1530AR	AB	Q7205	VS2SA1530AR-1	J	2SA1530AR	AB
Q1305	VS2SC3928AR-1	J	2SC3928AR	AB	Q7206	VS2SA1530AR-1	J	2SA1530AR	AB
Q1306	VS2SA1530AR-1	J	2SA1530AR	AB	Q7207	VSDTC114EU/-1	J	DTC114EU	AB
Q1307	VS2SC3928AR-1	J	2SC3928AR	AB	Q7208	VS2SC3928AR-1	J	2SC3928AR	AB
Q1308	VS2SA1530AR-1	J	2SA1530AR	AB	Q7210	VSDTC114EU/-1	J	DTC114EU	AB
Q1309	VS2SA1530AR-1	J	2SA1530AR	AB	Q8040	VSDTC114EU/-1	J	DTC114EU	AB
Q1601	VS2SC3928AR-1	J	2SC3928AR	AB	Q8041	VSDTC114EU/-1	J	DTC114EU	AB
Q1602	VS2SA1530AR-1	J	2SA1530AR	AB	Q8042	VSDTC114EU/-1	J	DTC114EU	AB
Q1605	VSDTC144EU/-1	J	DTC144EU	AB	Q8043	VS2SC2412KQ-1	J	2SC2412KQ	AA
					Q8044	VS2SC2412KQ-1	J	2SC2412KQ	AA
					Q8045	VS2SC2412KQ-1	J	2SC2412KQ	AA
					Q8601	VSIMZ1A////-1	J	IMZ1A	AC
					Q8602	VSIMZ1A////-1	J	IMZ1A	AC
					Q8603	VSIMZ1A////-1	J	IMZ1A	AC

Ref. No.	Part No.	★	Description	Code
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DUNTKA184DE02

OUTPUT UNIT (Continued)

DIODES

D802	VHDDAN202K/-1	J	Diode	AB
D1601	VHDDAN202K/-1	J	Diode	AB
D1602	VHDDAN202K/-1	J	Diode	AB
D2625	VHDMMA3120WA-1	J	Diode	AK
D5001	VHDRB425D//1	J	Diode	AD
D5002	VHDRB425D//1	J	Diode	AD
D5003	VHDRB425D//1	J	Diode	AD
D5004	VHDRB425D//1	J	Diode	AD
D5005	VHDMMA153///1	J	Diode	AB
D5006	VHDMMA153///1	J	Diode	AB
D5007	VHDMMA153///1	J	Diode	AB
D5008	VHDMMA153///1	J	Diode	AB
D5009	VHDRB425D//1	J	Diode	AD
D5010	VHDRB425D//1	J	Diode	AD
D5011	VHDRB425D//1	J	Diode	AD
D5012	VHDRB425D//1	J	Diode	AD
D5013	VHDRB425D//1	J	Diode	AD
D5014	VHDMMA153///1	J	Diode	AB
D5015	VHDMMA153///1	J	Diode	AB
D5016	VHDMMA153///1	J	Diode	AB
D5017	VHDMMA153///1	J	Diode	AB
D5018	VHDMMA153///1	J	Diode	AB
D5101	VHDDAN202K/-1	J	Diode	AB
D7001	VHDDAN202K/-1	J	Diode	AB
D7011	VHDDAN202K/-1	J	Diode	AB
D7021	VHDDAN202K/-1	J	Diode	AB
D7051	VHDDAN202K/-1	J	Diode	AB
D7061	VHDDAN202K/-1	J	Diode	AB
D7071	RH-EX0519CEZZ	J	Zener Diode	AB
D7072	VHDDAN202K/-1	J	Diode	AB
D7091	VHDDAN202K/-1	J	Diode	AB
D7092	RH-EX0519CEZZ	J	Zener Diode	AB
D7111	VHDDAN202K/-1	J	Diode	AB
D7112	RH-EX0858CEZZ	J	Zener Diode	AC
D7201	VHDDAN202K/-1	J	Diode	AB
D7202	VHDDAN202K/-1	J	Diode	AB
D7203	VHDDAN202K/-1	J	Diode	AB
D7204	VHDDAN202K/-1	J	Diode	AB
D7205	RH-EX0228CEZZ	J	Zener Diode	AB
D7206	VHDDAN202K/-1	J	Diode	AB
D7207	VHDDAN202K/-1	J	Diode	AB
D7208	VHDDAN202K/-1	J	Diode	AB
D7209	VHDDAN202K/-1	J	Diode	AB
D7210	VHDDAN202K/-1	J	Diode	AB
D7501	VHDDAN202K/-1	J	Diode	AB
D7502	VHDDAN202K/-1	J	Diode	AB
D7503	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUIT

X2601	RCRSB0286CEZZ	J	Crystal	AH
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COILS

L1101	VP-1M100J1R6N	J	Peaking 10µH	AC
L1102	VP-1M100J1R6N	J	Peaking 10µH	AC
L1201	VP-1M100J1R6N	J	Peaking 10µH	AC
L1202	VP-1M100J1R6N	J	Peaking 10µH	AC
L1301	VP-1M100J1R6N	J	Peaking 10µH	AC
L1302	VP-1M100J1R6N	J	Peaking 10µH	AC
L2101	VP-1M100J1R6N	J	Peaking 10µH	AC
L2102	VP-1M100J1R6N	J	Peaking 10µH	AC
L2201	VP-1M100J1R6N	J	Peaking 10µH	AC
L2202	VP-1M100J1R6N	J	Peaking 10µH	AC
L2301	VP-1M100J1R6N	J	Peaking 10µH	AC
L2302	VP-1M100J1R6N	J	Peaking 10µH	AC
L2401	VP-1M220J2R9N	J	Peaking 22µH	AC

CONTROL

R4215	RVR-M7904TAZZ	J	33k (B)	AC
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Ref. No.	Part No.	★	Description	Code
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CAPACITORS

[MLFT ... Multi Layer Film Tip]

C301	VCEAPV1CW476M	J	47 16V	Electrolytic	AD
C302	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C303	VCE9PF1CW106M	J	10 16V	Elect.(N.P)	AC
C304	VCE9PF1CW106M	J	10 16V	Elect.(N.P)	AC
C305	VCFRED1HM822J	J	8200p 50V	MLFT	AD
C306	VCFRED1HM822J	J	8200p 50V	MLFT	AD
C307	VCFYEC1CM334J	J	0.33 16V	MLFT	AE
C308	VCFYEC1CM334J	J	0.33 16V	MLFT	AE
C309	VCEAPV1CW106M	J	10 16V	Electrolytic	AD
C310	VCEAPV1CW106M	J	10 16V	Electrolytic	AD
C311	VCEAPV1CW106M	J	10 16V	Electrolytic	AD
C312	VCEAPV1CW106M	J	10 16V	Electrolytic	AD
C313	VCKYCY1AF105Z	J	1.0 10V	Ceramic	AC
C314	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C315	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C316	VCKYCY1CF154Z	J	0.15 16V	Ceramic	AB
C327	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C882	VCEAPV1CW106M	J	10 16V	Electrolytic	AD
C1101	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1102	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1103	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1104	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1105	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1106	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1107	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1108	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1109	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1110	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1111	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1112	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1113	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1114	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1115	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1117	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1118	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1119	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1120	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1123	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1124	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1128	VCCCCY1HH7R0D	J	7.0p 50V	Ceramic	AA
C1129	VCCCCY1HH6R0D	J	6.0p 50V	Ceramic	AA
C1201	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1202	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1203	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1204	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1206	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1207	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1208	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1209	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1210	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1211	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1212	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1213	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1214	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1215	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1217	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1218	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1219	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1220	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1223	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1224	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1225	VCCCCY1HH6R0D	J	6.0p 50V	Ceramic	AA
C1228	VCCCCY1HH120J	J	12p 50V	Ceramic	AA
C1230	VCCCPA1HH6R0D	J	6.0p 50V	Ceramic	AA
C1301	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1302	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1303	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1304	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1305	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA
C1306	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1307	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1308	RC-KZ0416CEZZ	J	10 25V	Ceramic	AE
C1309	VCKYCY1CF104Z	J	0.1 16V	Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA184DE02									
OUTPUT UNIT (Continued)									
C1310	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2132	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C1311	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2133	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1312	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2134	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1313	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2135	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1314	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2136	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1315	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2137	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1317	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2201	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1318	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2210	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1319	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2211	VCEAPV1CW106M	J 10	16V Electrolytic	AD
C1320	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2212	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1323	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2213	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1324	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2214	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1328	VCCCCY1HH4R0C	J 4.0p	50V Ceramic	AA	C2215	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1601	VCEAPV1VW226M	J 22	35V Electrolytic	AD	C2216	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1602	VCEAPV1EW226M	J 22	25V Electrolytic	AD	C2217	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1603	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2218	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1604	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2219	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C1605	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2220	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1606	VCEAPV1VW226M	J 22	35V Electrolytic	AD	C2225	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1607	VCEAPV1EW226M	J 22	25V Electrolytic	AD	C2226	VCCCCY1HH221J	J 220p	50V Ceramic	AA
C1608	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2230	VCCCCY1HH5R0C	J 5.0p	50V Ceramic	AA
C1610	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2231	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C1613	VCCCCY1HH471J	J 470p	50V Ceramic	AA	C2232	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C1618	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2233	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1619	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2234	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1620	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2235	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1621	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2236	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1622	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2237	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1623	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2301	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1624	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2309	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1625	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2310	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1626	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2311	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1627	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2312	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1628	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2313	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1629	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2314	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1630	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2315	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1631	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2316	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1632	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2317	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1633	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2318	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1634	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2319	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C1635	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2320	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C1636	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2325	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1637	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2326	VCCCCY1HH221J	J 220p	50V Ceramic	AA
C1638	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2330	VCCCCY1HH5R0C	J 5.0p	50V Ceramic	AA
C1639	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2331	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C1640	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C2332	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C1641	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2333	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1701	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2334	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1702	VCEAPV1CW106M	J 10	16V Electrolytic	AD	C2335	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1703	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2336	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1704	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2337	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2101	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2408	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C2109	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2419	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C2110	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2604	VCEAPV1CW107M	J 100	16V Electrolytic	AD
C2111	VCEAPV1CW106M	J 10	16V Electrolytic	AD	C2605	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2112	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2607	VCFYEC1CM104J	J 0.1	16V Mylar	AD
C2113	VCEAPV1CW106M	J 10	16V Electrolytic	AD	C2609	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C2114	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2610	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C2115	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C2618	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2116	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2619	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2117	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2620	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2118	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C2621	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2119	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C2622	VCCCCY1HH100D	J 10p	50V Ceramic	AA
C2120	VCEAPV1CW476M	J 47	16V Electrolytic	AD	C2623	VCCCCY1HH100D	J 10p	50V Ceramic	AA
C2121	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C4127	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C2122	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C4128	VCCCCY1HH8R0D	J 8.0p	50V Ceramic	AA
C2123	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C4201	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2125	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4203	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C2126	VCCCCY1HH221J	J 220p	50V Ceramic	AA	C4204	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C2130	VCCCCY1HH4R0C	J 4.0p	50V Ceramic	AA	C4210	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2131	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	C4213	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C4214	VCCCCY1EH102J	J 1000p	25V Ceramic	AB
					C4215	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C4216	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA184DE02									
OUTPUT UNIT (Continued)									
C4217	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C7022	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD
C4218	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C7051	VCEAPV1CW476M	J 47	16V Electrolytic	AD
C4221	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C7052	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C4222	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C7053	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD
C4227	VCCCCY1HH390J	J 39p	50V Ceramic	AA	C7054	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C4228	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C7061	VCEAPV1CW476M	J 47	16V Electrolytic	AD
C4229	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C7062	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C4230	VCCCCY1HH100D	J 10p	50V Ceramic	AA	C7063	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD
C5001	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7064	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5002	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC	C7071	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C5003	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7072	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C5004	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7073	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C5005	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC	C7091	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C5101	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C7092	VCEAPV1CW106M	J 10	16V Electrolytic	AD
C5102	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC	C7093	VCEAPV1CW106M	J 10	16V Electrolytic	AD
C5103	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7094	VCEAPV1CW476M	J 47	16V Electrolytic	AD
C5104	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7095	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5105	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7096	VCEAPV1CW226M	J 22	16V Electrolytic	AD
C5106	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7097	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5107	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7111	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD
C5108	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7112	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5201	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7114	VCEAPV1CW106M	J 10	16V Electrolytic	AD
C5202	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C7115	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5203	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7201	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C5204	RC-EZ1138CEZZ	J 10	6.3V Electrolytic	AF	C7202	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD
C5205	RC-EZ1138CEZZ	J 10	6.3V Electrolytic	AF	C7203	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5220	VCEAPV1CW106M	J 10	16V Electrolytic	AD	C7204	VCEAPF1EW336M	J 33	25V Electrolytic	AB
C5251	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7205	VCEAPV1CW476M	J 47	16V Electrolytic	AD
C5301	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7206	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5302	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7207	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5303	VCEAPV0JW476M	J 47	6.3V Electrolytic	AD	C7208	VCEAPF1CW226M	J 22	16V Electrolytic	AB
C5304	VCKYTV1CF105Z	J 1.0	16V Ceramic	AB	C7209	VCEAPF1CW226M	J 22	16V Electrolytic	AB
C5305	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7210	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5306	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7211	VCEAPF1EW336M	J 33	25V Electrolytic	AB
C5308	VCCCCY1HH101J	J 100p	50V Ceramic	AA	C7212	VCEAPF1CW107M	J 100	16V Electrolytic	AD
C5310	VCKYCY1HB102K	J 1000p	50V Ceramic	AA	C7213	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5311	VCCCCY1HH101J	J 100p	50V Ceramic	AA	C7214	VCEAPF1CW226M	J 22	16V Electrolytic	AB
C5312	VCCCCY1HH101J	J 100p	50V Ceramic	AA	C7215	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C5313	VCCCCY1EH102J	J 1000p	25V Ceramic	AB	C7216	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C5314	VCCCCY1HH221J	J 220p	50V Ceramic	AA	C7217	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5315	VCEAPV0JW476M	J 47	6.3V Electrolytic	AD	C7218	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5316	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7219	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C5567	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	C7220	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C5572	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7221	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C5573	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7224	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5574	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7225	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5575	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7227	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C5590	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	C7228	VCEAPF1EW336M	J 33	25V Electrolytic	AB
C6801	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7229	VCEAPV1CW476M	J 47	16V Electrolytic	AD
C6802	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7230	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C6803	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7231	VCEAPV1CW336M	J 33	16V Electrolytic	AD
C6811	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7232	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C6841	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7233	VCEAPF1CW476M	J 47	16V Electrolytic	AC
C6842	VCCCCY1EH102J	J 1000p	25V Ceramic	AB	C7234	VCEAPF1CW107M	J 100	16V Electrolytic	AD
C6843	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7240	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C6844	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7501	VCEAPV1EW336M	J 33	25V Electrolytic	AD
C6845	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7502	VCEAPV1CW226M	J 22	16V Electrolytic	AD
C6846	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C7503	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C6847	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C7504	VCEAPV1EW336M	J 33	25V Electrolytic	AD
C6848	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7505	VCEAPF1CW107M	J 100	16V Electrolytic	AD
C6849	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7506	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD
C6850	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C8543	VCCCCY1HH390J	J 39p	50V Ceramic	AA
C6851	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C8545	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C6852	RC-KZ0416CEZZ	J 10	25V Ceramic	AE	C8546	VCEAPV1CW226M	J 22	16V Electrolytic	AD
C7001	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C8548	VCCCCY1HH390J	J 39p	50V Ceramic	AA
C7002	VCEAPV0JW107M	J 100	6.3V Electrolytic	AD	C8550	VCEAPV1CW106M	J 10	16V Electrolytic	AD
C7003	VCEAPK0JN227M	J 220	6.3V Electrolytic	AD	C8551	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C7004	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C8552	VCCCCY1HH390J	J 39p	50V Ceramic	AA
C7011	VCEAPV1EW336M	J 33	25V Electrolytic	AD	C8553	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C7012	VCEAPV1CW476M	J 47	16V Electrolytic	AD	C8554	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
C7021	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C8555	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
					C8556	RC-KZ0416CEZZ	J 10	25V Ceramic	AE
					C8557	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C8558	VCEAPV1CW106M	J 10	16V Electrolytic	AD

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA184DE02					R1167	VRS-CY1JF3R3J	J	3.3 1/16W	Metal Oxide AA
OUTPUT UNIT (Continued)					R1168	VRS-CY1JF3R3J	J	3.3 1/16W	Metal Oxide AA
RESISTORS					R1169	VRS-CY1JF3R3J	J	3.3 1/16W	Metal Oxide AA
R301	VRS-TX2HF5R6J	J	5.6 1/2W	Metal Oxide AA	R1171	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA
R302	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R1172	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA
R303	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1173	VRS-CY1JF3R3J	J	3.3 1/16W	Metal Oxide AA
R304	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1174	VRS-CY1JF3R3J	J	3.3 1/16W	Metal Oxide AA
R305	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA	R1175	VRS-CY1JF3R3J	J	3.3 1/16W	Metal Oxide AA
R306	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA	R1176	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R307	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA	R1178	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R308	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA	R1179	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R309	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R1180	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R310	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R1181	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R313	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R1182	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R314	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R1184	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R315	VRS-CY1JF682J	J	6.8k 1/16W	Metal Oxide AA	R1185	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R316	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R1186	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R915	VRS-TV1JD000J	J	0 1/16W	Metal Oxide AA	R1187	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R916	VRN-CY1JF102D	J	1.0k 1/16W	Metal Film AB	R1188	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R917	VRN-CY1JF562D	J	5.6k 1/16W	Metal Film AB	R1189	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R918	VRS-TX2HF5R6J	J	5.6 1/2W	Metal Oxide AA	R1190	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R919	VRS-TX2HF5R6J	J	5.6 1/2W	Metal Oxide AA	R1191	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R1050	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1192	VRS-CY1JF100J	J	10 1/16W	Metal Oxide AA
R1071	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1193	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1095	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1195	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA
R1101	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1196	VRS-TV1JD270J	J	27 1/16W	Metal Oxide AA
R1102	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1197	VRS-CY1JF272J	J	2.7k 1/16W	Metal Oxide AA
R1103	VRS-CY1JF273F	J	27k 1/16W	Metal Oxide AA	R1198	VRS-CY1JF561J	J	560 1/16W	Metal Oxide AA
R1104	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1199	VRS-CY1JF391J	J	390 1/16W	Metal Oxide AA
R1106	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1201	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1107	VRS-CY1JF470J	J	47 1/16W	Metal Oxide AA	R1202	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1108	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1203	VRS-CY1JF273F	J	27k 1/16W	Metal Oxide AA
R1109	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R1204	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1110	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1205	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1115	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1206	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R1116	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1207	VRS-CY1JF470J	J	47 1/16W	Metal Oxide AA
R1117	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1208	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1118	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1209	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R1120	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1210	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1122	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1215	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1125	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1216	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1126	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1217	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1127	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1218	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1128	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1218	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1129	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1220	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1130	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1222	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1131	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R1225	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1132	VRS-CY1JF680J	J	68 1/16W	Metal Oxide AA	R1226	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1133	VRS-CY1JF680J	J	68 1/16W	Metal Oxide AA	R1227	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1134	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1228	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1135	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1229	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1136	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1230	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1137	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1231	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R1138	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1234	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1139	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1235	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1140	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1236	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1143	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1237	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1144	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1238	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1145	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1239	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1146	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1240	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1147	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1243	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1148	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1244	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1149	VRS-CY1JF273F	J	27k 1/16W	Metal Oxide AA	R1245	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1150	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1246	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1152	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1247	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1153	VRS-CY1JF470J	J	47 1/16W	Metal Oxide AA	R1248	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1156	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1249	VRS-CY1JF273F	J	27k 1/16W	Metal Oxide AA
R1158	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R1250	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
R1161	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1252	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R1162	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1253	VRS-CY1JF470J	J	47 1/16W	Metal Oxide AA
R1164	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1256	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R1165	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA	R1258	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R1166	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA	R1261	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
					R1262	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
					R1264	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
					R1265	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA

Ref. No.	Part No.	★	Description	Code
DUNTKA184DE02				
OUTPUT UNIT (Continued)				
R7234	VRS-CY1JF393F	J	39k 1/16W Metal Oxide	AA
R7235	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7236	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R7237	VRS-CY1JF683F	J	68k 1/16W Metal Oxide	AA
R7238	VRS-CY1JF122F	J	1.2k 1/16W Metal Oxide	AA
R7239	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7241	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R7243	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7244	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7249	VRS-CY1JF473F	J	47k 1/16W Metal Oxide	AA
R7250	VRS-CY1JF184J	J	180k 1/16W Metal Oxide	AA
R7251	VRS-CY1JF272F	J	2.7k 1/16W Metal Oxide	AA
R7252	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7253	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7254	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7255	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7256	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7257	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7259	VRS-TX2HF3R9J	J	3.9 1/2W Metal Oxide	AB
R7261	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7262	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R7263	VRS-CY1JF393F	J	39k 1/16W Metal Oxide	AA
R7264	VRS-CY1JF122F	J	1.2k 1/16W Metal Oxide	AA
R7268	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7269	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7270	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7271	VRS-CY1JF333F	J	33k 1/16W Metal Oxide	AA
R7272	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7273	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R7280	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7281	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7282	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7283	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7284	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7287	VRS-VV3AB120J	J	12 1W Metal Oxide	AA
R7288	VRS-VV3AB120J	J	12 1W Metal Oxide	AA
R7501	VRS-TW2ED4R7J	J	4.7 1/4W Metal Oxide	AA
R7502	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7503	VRS-CY1JF622J	J	6.2k 1/16W Metal Oxide	AA
R7504	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7506	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7507	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7508	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7509	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R8527	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R8539	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R8557	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R8601	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R8603	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R8605	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R8611	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R8612	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R8636	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R8711	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R8712	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R8713	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R8720	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R8722	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R8723	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R8725	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R8727	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R8728	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R8729	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R8730	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R8733	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R8734	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R8735	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R8736	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R8745	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R8934	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
SWITCHES				
S4201	QSW-S0198CEZZ	J	Slide Switch	AF
SW2601	QSW-K0065GEZZ	J	Key Switch	AC

MISCELLANEOUS PARTS				
F1401	QFS-L8012CEZZ	J	Fuse 0.8A	AF
F1402	QFS-L8012CEZZ	J	Fuse 0.8A	AF
FB1101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1102	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1104	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1105	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1106	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1107	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1202	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1204	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1205	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1206	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1207	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1302	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1304	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1305	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1306	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1307	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2601	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB2602	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB5001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5301	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5302	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5502	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7201	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7202	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7203	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7204	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7205	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7206	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7207	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7208	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7209	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7210	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7211	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7212	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7213	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7214	RBLN-0006TAZZ	J	Ferrite Bead	AB
FB7215	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7216	RBLN-0006TAZZ	J	Ferrite Bead	AB
P301	QPLGN0764TAZZ	J	Plug, 7-pin (SO)	AD
P801	QPLGZ2035CEZZ	J	Plug, 20-pin (SA)	AH
P802	QPLGZ2035CEZZ	J	Plug, 20-pin (SB)	AH
P3001	QPLGZ2026CEZZ	J	Plug, 20-pin (TO)	AE
P5101	QPLGN0464TAZZ	J	Plug, 4-pin (AZ)	AC
P5301	QPLGN0763TAZZ	J	Plug, 7-pin (TP)	AD
P5302	QPLGN0174FJZZ	J	Plug, 2-pin (F)	AC
P5552	QPLGN0364TAZZ	J	Plug, 3-pin (RA)	AC
P7201	QPLGN0174FJZZ	J	Plug, 2-pin (Q)	AC
P7202	QPLGN0264TAZZ	J	Plug, 2-pin (L)	AC
P7203	QPLGN0176FJZZ	J	Plug, 4-pin (FA)	AD
P7204	QPLGN0175FJZZ	J	Plug, 3-pin (FB)	AD
P7205	QPLGN0175FJZZ	J	Plug, 3-pin (FC)	AD
P7206	QPLGN0394FJZZ	J	Plug, 22-pin (EA)	AD
P7207	QPLGN0364TAZZ	J	Plug, 3-pin (FD)	AC
P7208	QPLGN0363TAZZ	J	Plug, 3-pin (D)	AC
P7209	QPLGN0175FJZZ	J	Plug, 3-pin (FE)	AD
SC1101	QSOCN3271TAZZ	J	Socket, 32-pin (RP)	AE
SC1201	QSOCN3271TAZZ	J	Socket, 32-pin (GP)	AE
SC1301	QSOCN3271TAZZ	J	Socket, 32-pin (BP)	AE
SC5001	QSOCN1897REZZ	J	Socket, 36-pin (KY)	AE
SC8404	QCNCW6028CEZZ	J	Socket, 60-pin	AL
SC8405	QCNCW6028CEZZ	J	Socket, 60-pin	AL
SC8502	QCNCW6028CEZZ	J	Socket, 60-pin	AL

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA187DE02									
SIGNAL UNIT									
INTEGRATED CIRCUITS									
IC801	VHiTDA8854H-2	J	TDA8854H/N2	BD	D801	VHDDAN202K/-1	J	Diode	AB
IC802	VHiTHC4538T-1	J	TC74HC4538AFT	AL	D804	VHDM152WA/-1	J	Diode	AA
IC803	VHiTHC4538T-1	J	TC74HC4538AFT	AL	D6001	RH-EX0226CEZZ	J	Zener Diode	AB
IC805	VHiTDA4565/-1	J	TDA4565/V6	AN	D6002	RH-EX0226CEZZ	J	Zener Diode	AB
IC807	VHiNJM2060V-1	J	NJM2060V	AF	PACKAGED CIRCUITS				
IC4301	VHiCXA1839Q-1	J	CXA1839	AZ	X801	RCRSB0009PEZZ	J	Crystal	AL
IC4302	VHiTHC4538T-1	J	TC74HC4538AFT	AL	X802	RCRSB0008PEZZ	J	Crystal	AH
IC4501	VHiPD64081B-1	J	UPD64081BGF3BA	BD	X4501	RCRSB0258CEZZ	J	Crystal	AG
IC4502	VHiTK15420/-1	J	TK15420MTI	AG	FILTERS AND COILS				
IC4503	RH-iX3420CEZZ	J	MSM5416258B-28	AT	FL4501	RCiLF0306CEZZ	J	Filter	AH
IC4505	VHiPST600iM-1	J	IC-PST600iMT	AE	FL4502	RCiLV0108GEZZ	J	Filter	AG
IC4506	VHiT7SET08U-1	J	TC7SET08FU	AE	FL4503	RFiLN0097GEZZ	J	Filter	AF
IC4507	VHiM40C568H-1	J	MB40C568HPFV-4	AQ	FL4504	RFiLN0097GEZZ	J	Filter	AF
IC4508	VHiTC4S66F/-1	J	TC4S66F	AD	L801	VP-1M470J5R4N	J	Peaking 47µH	AC
IC4509	VHiNJM2233V	J	NJM2233V	AE	L4501	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
IC6001	VHiTC90A11F-1	J	TC90A11F	AZ	L4502	VP-1M220J2R9N	J	Peaking 22µH	AC
IC6002	VHiM518221A-1	J	MSM518221A-30J	AW	L4510	VP-1M220J2R9N	J	Peaking 22µH	AC
IC6003	VHiPST600DM-1	J	IC-PST600DMT	AE	L6001	VP-1M270J3R8N	J	Peaking 27µH	AC
IC6004	VHiNJM2283V-1	J	NJM2283V	AG	L6002	VP-1M330J4R2N	J	Peaking 33µH	AC
IC6008	VHiBA7046F/-1	J	BA7046F	AF	L6003	VP-1M220J2R9N	J	Peaking 22µH	AC
IC6009	VHiNJM2283V-1	J	NJM2283V	AG	CAPACITORS				
IC6010	VHiNJM2234M-1	J	NJM2234M	AF	C801	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
IC6011	VHiNJM2240M-1	J	NJM2240M	AG	C802	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
TRANSISTORS					C803	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB
Q801	VS2SC3928AR-1	J	2SC3928AR	AB	C804	VCFYEC1CM223J	J	0.022 16V Mylar	AC
Q802	VS2SA1530AR-1	J	2SA1530AR	AB	C805	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q803	VS2SC3928AR-1	J	2SC3928AR	AB	C806	VCFYEC1CM274J	J	0.27 16V Mylar	AE
Q804	VS2SA1530AR-1	J	2SA1530AR	AB	C807	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q805	VSDTC144EK/-1	J	DTC144EK	AB	C808	VCEAPF1CW107M	J	100 16V Electrolytic	AD
Q806	VS2SC3928AR-1	J	2SC3928AR	AB	C809	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q807	VS2SC3928AR-1	J	2SC3928AR	AB	C810	VCFYEC1CM274J	J	0.27 16V Mylar	AE
Q808	VS2SC3928AR-1	J	2SC3928AR	AB	C811	VCKYCY1CF224Z	J	0.22 16V Ceramic	AA
Q811	VSDTC144EK/-1	J	DTC144EK	AB	C812	VCEAPF1CW106M	J	10 16V Electrolytic	AB
Q812	VS2SC3928AR-1	J	2SC3928AR	AB	C813	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q813	VS2SC3928AR-1	J	2SC3928AR	AB	C814	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q814	VS2SC3928AR-1	J	2SC3928AR	AB	C815	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4303	VS2SC3928AR-1	J	2SC3928AR	AB	C816	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
Q4306	VS2SC3928AR-1	J	2SC3928AR	AB	C817	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4309	VS2SC3928AR-1	J	2SC3928AR	AB	C818	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4313	VS2SC3928AR-1	J	2SC3928AR	AB	C819	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4314	VS2SC3928AR-1	J	2SC3928AR	AB	C820	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4315	VS2SC3928AR-1	J	2SC3928AR	AB	C821	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4317	VS2SC3928AR-1	J	2SC3928AR	AB	C822	VCCCCY1HH180J	J	18p 50V Ceramic	AA
Q4318	VS2SC3928AR-1	J	2SC3928AR	AB	C823	VCCCCY1HH180J	J	18p 50V Ceramic	AA
Q4320	VSDTC144EU/-1	J	DTC144EU	AB	C824	VCCCCY1HH180J	J	18p 50V Ceramic	AA
Q4321	VBSN20////-1	J	BSN20	AD	C825	VCFRED1HM332J	J	3300p 50V Mylar	AD
Q4322	VBSN20////-1	J	BSN20	AD	C826	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4501	VS2SA1530AR-1	J	2SA1530AR	AB	C827	VCEAPF1CW107M	J	100 16V Electrolytic	AD
Q4502	VS2SA1530AR-1	J	2SA1530AR	AB	C828	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4503	VS2SA1530AR-1	J	2SA1530AR	AB	C829	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4504	VS2SA1530AR-1	J	2SA1530AR	AB	C830	VCFRED1HM222J	J	2200p 50V Mylar	AC
Q4505	VS2SC2412KQ-1	J	2SC2412KQ	AA	C831	VCEAPF1HW105M	J	1.0 50V Electrolytic	AB
Q4506	VS2SC3928AR-1	J	2SC3928AR	AB	C832	VCFRED1HM472J	J	4700p 50V Mylar	AD
Q4507	VS2SA1530AR-1	J	2SA1530AR	AB	C834	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
Q4508	VS2SC3928AR-1	J	2SC3928AR	AB	C835	VCEAPF1CW106M	J	10 16V Electrolytic	AB
Q4509	VS2SA1530AR-1	J	2SA1530AR	AB	C836	VCEAPF1CW106M	J	10 16V Electrolytic	AB
Q4510	VS2SA1530AR-1	J	2SA1530AR	AB	C837	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
Q4511	VS2SC3928AR-1	J	2SC3928AR	AB	C841	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q4520	VS2SA1530AR-1	J	2SA1530AR	AB	C842	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q6001	VS2SC3928AR-1	J	2SC3928AR	AB	C843	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
Q6002	VS2SC3928AR-1	J	2SC3928AR	AB	C844	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
Q6003	VS2SA1530AR-1	J	2SA1530AR	AB	C845	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q6004	VS2SC3928AR-1	J	2SC3928AR	AB	C846	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
Q6005	VS2SA1530AR-1	J	2SA1530AR	AB	C847	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
Q6006	VS2SC3928AR-1	J	2SC3928AR	AB	C855	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q6007	VS2SC3928AR-1	J	2SC3928AR	AB	C856	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
Q6008	VS2SC3928AR-1	J	2SC3928AR	AB	C858	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
Q6009	VS2SC3928AR-1	J	2SC3928AR	AB	C859	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
Q6010	VS2SC3928AR-1	J	2SC3928AR	AB					

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA187DE02									
SIGNAL UNIT (Continued)									
C860	VCCCCY1HH100D	J	10p 50V Ceramic	AA	C4526	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C861	VCCCCY1HH820J	J	82p 50V Ceramic	AA	C4527	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C862	VCEAPF1CW226M	J	22 16V Electrolytic	AB	C4528	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C863	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C4529	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C864	VCCCCY1HH221J	J	220p 50V Ceramic	AA	C4530	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C865	VCCCCY1HH221J	J	220p 50V Ceramic	AA	C4531	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C866	VCCCCY1HH680J	J	68p 50V Ceramic	AA	C4533	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C867	VCCCCY1HH121J	J	120p 50V Ceramic	AA	C4534	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C868	VCCCCY1HH121J	J	120p 50V Ceramic	AA	C4535	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C870	VCEAPF1CW476M	J	47 16V Electrolytic	AC	C4536	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C875	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C4537	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C877	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C4538	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C878	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB	C4539	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C879	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC	C4540	VCCCCY1HH391J	J	390p 50V Ceramic	AA
C880	VCCCCY1HH101J	J	100p 50V Ceramic	AA	C4541	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C883	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C4542	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C890	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB	C4543	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C891	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB	C4545	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C922	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4546	VCEAPF1HW474M	J	0.47 50V Electrolytic	AB
C937	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C4548	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C938	VCCCCY1HH270J	J	27p 50V Ceramic	AA	C4549	VCCCCY1HH471J	J	470p 50V Ceramic	AA
C939	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C4550	VCEAPF1HW334M	J	0.33 50V Electrolytic	AB
C940	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C4551	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C976	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4552	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
C4301	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C4553	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4302	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C4554	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C4303	VCEAPF1HW106M	J	10 50V Electrolytic	AB	C4555	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4305	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C4556	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C4306	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4557	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4307	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4558	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4308	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4559	RC-KZ0416CEZZ	J	10 25V Ceramic	AE
C4309	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4560	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4310	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4561	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4311	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4562	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C4312	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C4563	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C4313	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4564	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4314	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4590	VCCCCY1HH100D	J	10p 50V Ceramic	AA
C4315	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C4591	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C4316	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C4592	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C4317	VCEAPF1HW474M	J	0.47 50V Electrolytic	AB	C4594	RC-EZ1138CEZZ	J	10 6.3V Electrolytic	AF
C4318	VCEAPF1CW476M	J	47 16V Electrolytic	AC	C4595	RC-EZ1138CEZZ	J	10 6.3V Electrolytic	AF
C4319	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C4596	RC-EZ1138CEZZ	J	10 6.3V Electrolytic	AF
C4320	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6001	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4321	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6002	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4322	VCCCCY1HH561J	J	560p 50V Ceramic	AB	C6003	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4323	VCCCCY1EH821J	J	820p 25V Ceramic	AB	C6004	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C4327	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB	C6005	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4328	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C6006	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C4501	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C6007	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C4502	VCCCCY1HH270J	J	27p 50V Ceramic	AA	C6008	VCCCCY1HH181J	J	180p 50V Ceramic	AA
C4503	VCEAPF1CW476M	J	47 16V Electrolytic	AC	C6009	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4504	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6010	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4505	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6011	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4507	VCCCCY1HH120J	J	12p 50V Ceramic	AA	C6012	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4508	VCCCCY1HH270J	J	27p 50V Ceramic	AA	C6013	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4509	VCCCCY1HH100D	J	10p 50V Ceramic	AA	C6014	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4510	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6015	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4511	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6016	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4512	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6017	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4513	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C6018	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4515	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C6019	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4516	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6020	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C4517	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6021	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4518	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6022	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4519	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6023	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4520	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6024	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4521	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6025	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C4522	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C6026	VCKYCY1AF105Z	J	1.0 10V Ceramic	AC
C4523	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC	C6028	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C4524	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC	C6029	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C4525	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB	C6030	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
					C6031	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
					C6032	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
					C6033	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
					C6034	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA187DE02									
SIGNAL UNIT (Continued)									
C6035	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB	R824	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
C6037	VCCCCY1HH360J	J	36p 50V Ceramic	AA	R825	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
C6038	VCCCCY1HH120J	J	12p 50V Ceramic	AA	R826	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
C6039	VCEAPF1CW106M	J	10 16V Electrolytic	AB	R827	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
C6040	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R829	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
C6041	VCEAPF1CW106M	J	10 16V Electrolytic	AB	R830	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
C6042	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA	R831	VRS-TX2HF4R7J	J	4.7 1/2W Metal Oxide	AB
C6043	VCCCCY1HH220J	J	22p 50V Ceramic	AA	R832	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
C6044	VCCCCY1HH220J	J	22p 50V Ceramic	AA	R833	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
C6045	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R834	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
C6046	VCCCCY1HH390J	J	39p 50V Ceramic	AA	R835	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
C6047	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R836	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
C6048	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R837	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
C6049	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R838	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
C6050	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R839	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
C6051	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R840	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
C6052	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R841	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
C6053	VCCCCY1HH220J	J	22p 50V Ceramic	AA	R842	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
C6064	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB	R843	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
C6065	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R844	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
C6066	VCKYCY1AF105Z	J	1.0 10V Ceramic	AC	R845	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
C6067	VCCCCY1EH102J	J	1000p 25V Ceramic	AB	R846	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
C6068	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R847	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
C6069	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R848	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
C6070	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R849	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
C6071	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R850	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
C6072	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R851	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
C6074	VCEAPF1CW476M	J	47 16V Electrolytic	AC	R852	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
C6075	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R853	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
C6076	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R854	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
C6077	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R855	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
C6078	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R856	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
C6079	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R857	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
C6080	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R858	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
C6081	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R859	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
C6082	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R860	VRN-CY1JF133D	J	13k 1/16W Metal Film	AB
C6083	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R861	VRN-CY1JF752D	J	7.5k 1/16W Metal Film	AA
C6084	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R862	VRN-CY1JF682D	J	6.8k 1/16W Metal Film	AB
C6085	VCEAPF1CW106M	J	10 16V Electrolytic	AB	R863	VRN-CY1JF103D	J	10k 1/16W Metal Film	AA
C6086	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	R864	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
C6087	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA	R865	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
C6088	VCEAPF1HW475M	J	4.7 50V Electrolytic	AB	R872	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
C6089	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	R874	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
C6090	VCKYCY1HF102Z	J	1000p 50V Ceramic	AA	R876	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
C6091	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R879	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
C6093	VCEAPF1CW226M	J	22 16V Electrolytic	AB	R880	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
C6094	VCE9PF1CW226M	J	22 16V Elect.(N.P)	AD	R881	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
C6096	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R882	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
RESISTORS					R883	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R801	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA	R886	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R802	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R891	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R803	VRS-CY1JF564J	J	560k 1/16W Metal Oxide	AA	R894	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R804	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA	R895	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R806	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R896	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R807	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA	R899	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R808	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA	R900	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R809	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R901	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R810	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA	R902	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R811	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA	R903	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R812	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA	R905	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R813	VRS-TX2HF4R7J	J	4.7 1/2W Metal Oxide	AB	R906	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R815	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R907	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R816	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R908	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R817	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R909	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R818	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R910	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R819	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA	R911	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA
R820	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA	R912	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R821	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA	R913	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R822	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA	R914	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R823	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA	R920	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
					R921	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
					R922	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
					R925	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
					R926	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
					R929	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
DUNTKA187DE02				
SIGNAL UNIT (Continued)				
R6024	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R6025	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6026	VRS-TV1JD471J	J	470 1/16W Metal Oxide	AA
R6027	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6028	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R6029	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6030	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6031	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R6032	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6033	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6034	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6035	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R6036	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6037	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6038	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6039	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6040	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R6041	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6042	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6043	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6044	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6045	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6046	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6048	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6054	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R6055	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6056	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R6057	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6058	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R6059	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6060	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R6061	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R6062	VRS-TV1JD102J	J	1.0k 1/16W Metal Oxide	AA
R6063	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6064	VRS-CY1JF474J	J	470k 1/16W Metal Oxide	AA
R6065	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6066	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R6067	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6068	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6069	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6070	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6071	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6072	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6073	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6074	VRS-CY1JF332F	J	3.3k 1/16W Metal Oxide	AA
R6075	VRS-CY1JF361J	J	360 1/16W Metal Oxide	AA
R6076	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6077	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6078	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6081	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6082	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6085	VRS-TW2ED6R8J	J	6.8 1/4W Metal Oxide	AB

MISCELLANEOUS PARTS

FB4501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4502	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4503	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4506	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4507	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4508	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4509	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB6002	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB6003	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB6004	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB6006	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB6007	RBLN-0065CEZZ	J	Ferrite Bead	AB
P401	QPLGZ3044CEZZ	J	Plug, 30-pin (ST)	AH
P803	QPLGN0463TAZZ	J	Plug, 4-pin	AC
SC801	QSOCZ2025CEZZ	J	Socket, 20-pin (SA)	AE
SC802	QSOCZ2025CEZZ	J	Socket, 20-pin (SB)	AE

Ref. No.	Part No.	★	Description	Code
DUNTKA185DE02				
SOUND OUT UNIT				
INTEGRATED CIRCUIT				
IC302	VHITDA1517/-2	J	TDA1517/N2	AL
CAPACITORS				
C317	VCEAPF1HW475M	J	4.7 50V Electrolytic	AB
C318	VCEAPF1HW475M	J	4.7 50V Electrolytic	AB
C319	VCE9PF1CW475M	J	4.7 16V Elect.(N.P)	AC
C320	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C321	VCEA2A1CW108M	J	1000 16V Electrolytic	AB
C322	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C323	VCEA2A1CW108M	J	1000 16V Electrolytic	AB
C324	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB
C325	VCEA2A1EW477M	J	470 25V Electrolytic	AD
C326	VCE9PF1CW475M	J	4.7 16V Elect.(N.P)	AC
RESISTORS				
R311	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R312	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R317	QFS-J2521CEZZ	J	Fuse Resistor	AF
MISCELLANEOUS PARTS				
FB301	RBLN-0060CEZZ	J	Ferrite Bead	AC
P302	QPLGN0764TAZZ	J	Plug, 7-pin (SO)	AD
P303	QPLGN0176FJZZ	J	Plug, 4-pin (SP)	AD

DUNTKA186DE02
R/C RECEIVER UNIT**CAPACITOR**

C5568	VCEAPF0JW107M	J	100 6.3V Electrolytic	AC
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RESISTORS

R5564	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R5565	VRS-CY1JF220J	J	22 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

P5555	QPLGN0364TAZZ	J	Plug, 3-pin (RC)	AC
RM05552	RRMCU0239CEZZ	J	R/C Receiver	AG
	PSLDC3099CEFW	J	Shield	AD

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA188DE02									
TERMINAL UNIT									
INTEGRATED CIRCUITS									
IC401	VHiNJM2245M-1	J	NJM2245M	AF	D3005	VHDMA157A//-1	J	Diode	AC
IC441	VHiNJM2245M-1	J	NJM2245M	AF	D3006	VHDMA157A//-1	J	Diode	AC
IC442	VHiNJM2245M-1	J	NJM2245M	AF	D3007	VHDMA157A//-1	J	Diode	AC
IC3001	VHi24LC21//-1	J	24LC21T	AN	D3201	VHDMA157A//-1	J	Diode	AC
IC3002	VHiTL712CPW-1	J	TI712CPWR	AL	D3202	VHDMA157A//-1	J	Diode	AC
IC3003	VHiTL712CPW-1	J	TI712CPWR	AL	D3203	VHDMA157A//-1	J	Diode	AC
IC3004	VHiTL712CPW-1	J	TI712CPWR	AL	D3204	VHDMA157A//-1	J	Diode	AC
IC3101	VHiTL712CPW-1	J	TI712CPWR	AL	D3205	VHDMA157A//-1	J	Diode	AC
IC3102	VHiTL712CPW-1	J	TI712CPWR	AL	D3206	VHDMA157A//-1	J	Diode	AC
IC3202	RH-iX3337CEZZ	J	OPA3681E	AX	D3301	VHDMA157A//-1	J	Diode	AC
IC3203	RH-iX3337CEZZ	J	OPA3681E	AX	D3302	VHDMA157A//-1	J	Diode	AC
IC3301	RH-iX2317CEZZ	J	SN74AIS1034NS	AF	D3303	VHDMA157A//-1	J	Diode	AC
IC3401	VHiUPD4721G-1	J	UPD4721G-GJG	AQ	D3304	VHDMA157A//-1	J	Diode	AC
IC3501	VHi24LC21//-1	J	24LC21T	AN	D3305	VHDMA157A//-1	J	Diode	AC
IC3502	VHiTL712CPW-1	J	TI712CPWR	AL	D3306	VHDMA157A//-1	J	Diode	AC
IC3503	VHiTL712CPW-1	J	TI712CPWR	AL	D3401	VHDMA3120WA-1	J	Diode	AK
IC3504	VHiTL712CPW-1	J	TI712CPWR	AL	D3402	VHDMA3120WA-1	J	Diode	AK
IC4001	VHiMC141627F-1	J	MC141627FT	AY	D3403	VHDMA3120WA-1	J	Diode	AK
IC5551	VHiTC7S08F/-1	J	TC7S08F	AC	D3404	VHDMA3120WA-1	J	Diode	AK
TRANSISTORS									
Q461	VS2SA1530AR-1	J	2SA1530AR	AB	D3405	RH-EX0226CEZZ	J	Zener Diode	AB
Q462	VS2SA1530AR-1	J	2SA1530AR	AB	D3406	RH-EX0226CEZZ	J	Zener Diode	AB
Q463	VSDTC144EK/-1	J	DTC144EK	AB	D3407	RH-EX0226CEZZ	J	Zener Diode	AB
Q464	VS2SC3928AR-1	J	2SC3928AR	AB	D3408	RH-EX0226CEZZ	J	Zener Diode	AB
Q465	VS2SC3928AR-1	J	2SC3928AR	AB	D3501	VHDMA157A//-1	J	Diode	AC
Q3001	VSDTC144EU/-1	J	DTC144EU	AB	D3502	VHDMA157A//-1	J	Diode	AC
Q3002	VSDTC144EU/-1	J	DTC144EU	AB	D3503	VHDMA157A//-1	J	Diode	AC
Q3003	VSDTC114EU/-1	J	DTC114EU	AB	D3504	VHDMA157A//-1	J	Diode	AC
Q3004	VSDTC144EU/-1	J	DTC144EU	AB	D3505	VHDMA157A//-1	J	Diode	AC
Q3005	VSDTC114EU/-1	J	DTC114EU	AB	D4001	VHDMA153///-1	J	Diode	AB
Q3006	VSDTC144EU/-1	J	DTC144EU	AB	D4002	VHD1SS355//-1	J	Diode	AB
Q3007	VSDTC144EU/-1	J	DTC144EU	AB	D5551	VHDMA3120WA-1	J	Diode	AK
Q3101	VSDTC144EU/-1	J	DTC144EU	AB	D5552	VHDMA3120WA-1	J	Diode	AK
Q3102	VSDTC114EU/-1	J	DTC114EU	AB	FILTERS AND COILS				
Q3103	VSDTC144EU/-1	J	DTC144EU	AB	FL401	RFiLN0017TAZZ	J	Filter	AC
Q3201	VS2SC3928AR-1	J	2SC3928AR	AB	FL403	RFiLN0017TAZZ	J	Filter	AC
Q3202	VS2SC3928AR-1	J	2SC3928AR	AB	FL404	RFiLN0017TAZZ	J	Filter	AC
Q3203	VS2SC3928AR-1	J	2SC3928AR	AB	FL405	RFiLN0514CEZZ	J	Filter	AE
Q3501	VSDTC144EU/-1	J	DTC144EU	AB	FL3001	RFiLN0003TAZZ	J	Filter	AD
Q3502	VSDTC114EU/-1	J	DTC114EU	AB	FL3002	RFiLN0003TAZZ	J	Filter	AD
Q3503	VSDTC144EU/-1	J	DTC144EU	AB	FL3003	RFiLN0003TAZZ	J	Filter	AD
Q3504	VSDTC114EU/-1	J	DTC114EU	AB	FL3004	RFiLN0003TAZZ	J	Filter	AD
Q3505	VSDTC144EU/-1	J	DTC144EU	AB	FL3005	RFiLN0003TAZZ	J	Filter	AD
Q3506	VSDTC144EU/-1	J	DTC144EU	AB	FL3006	RFiLN0003TAZZ	J	Filter	AD
Q4002	VS2SC3928AR-1	J	2SC3928AR	AB	FL3301	RFiLN0003TAZZ	J	Filter	AD
Q4004	VS2SC3928AR-1	J	2SC3928AR	AB	FL3302	RFiLN0003TAZZ	J	Filter	AD
Q4005	VS2SC3928AR-1	J	2SC3928AR	AB	FL3303	RFiLN0003TAZZ	J	Filter	AD
Q4007	VS2SC3928AR-1	J	2SC3928AR	AB	FL3501	RFiLN0003TAZZ	J	Filter	AD
Q4009	VS2SA1530AR-1	J	2SA1530AR	AB	FL3502	RFiLN0003TAZZ	J	Filter	AD
Q4010	VS2SC3928AR-1	J	2SC3928AR	AB	FL3503	RFiLN0003TAZZ	J	Filter	AD
Q4011	VSiMX2/////1	J	IMX2	AB	FL4001	RCiLF0316CEZZ	J	Filter	AG
Q4012	VS2SA1530AR-1	J	2SA1530AR	AB	FL4002	RCiLF0316CEZZ	J	Filter	AG
DIODES									
D401	RH-EX0226CEZZ	J	Zener Diode	AB	L3201	VP-1M100J1R6N	J	Peaking 10μH	AC
D402	RH-EX0226CEZZ	J	Zener Diode	AB	L4004	VP-1M330J4R2N	J	Peaking 33μH	AC
D403	RH-EX0226CEZZ	J	Zener Diode	AB	L4005	VP-1M330J4R2N	J	Peaking 33μH	AC
D404	RH-EX0226CEZZ	J	Zener Diode	AB	L4006	VP-1M270J3R8N	J	Peaking 27μH	AC
D409	RH-EX0226CEZZ	J	Zener Diode	AB	L4010	VP-1M680J6R9N	J	Peaking 68μH	AC
D441	RH-EX0226CEZZ	J	Zener Diode	AB	L4011	VP-1M680J6R9N	J	Peaking 68μH	AC
D442	RH-EX0226CEZZ	J	Zener Diode	AB	CAPACITORS				
D443	RH-EX0226CEZZ	J	Zener Diode	AB	C401	VCEAPF1CW106M	J	10 16V Electrolytic	AB
D444	RH-EX0226CEZZ	J	Zener Diode	AB	C404	VCCCCY1HH101J	J	100p 50V Ceramic	AA
D461	RH-EX0226CEZZ	J	Zener Diode	AB	C405	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
D462	RH-EX0226CEZZ	J	Zener Diode	AB	C407	VCCCCY1HH101J	J	100p 50V Ceramic	AA
D3001	VHDMA157A//-1	J	Diode	AC	C408	VCCCCY1HH101J	J	100p 50V Ceramic	AA
D3002	VHDMA157A//-1	J	Diode	AC	C409	VCEAPF1CW106M	J	10 16V Electrolytic	AB
D3003	VHDMA157A//-1	J	Diode	AC	C410	VCEAPF1CW106M	J	10 16V Electrolytic	AB
D3004	VHDMA157A//-1	J	Diode	AC	C420	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
					C421	VCEAPF1CW106M	J	10 16V Electrolytic	AB
					C441	VCCCCY1HH101J	J	100p 50V Ceramic	AA
					C443	VCCCCY1HH101J	J	100p 50V Ceramic	AA
					C445	VCEAPF1CW106M	J	10 16V Electrolytic	AB
					C446	VCEAPF1CW106M	J	10 16V Electrolytic	AB
					C447	VCCCCY1HH101J	J	100p 50V Ceramic	AA
					C449	VCCCCY1HH101J	J	100p 50V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA188DE02									
TERMINAL UNIT (Continued)									
C451	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C4030	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C452	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C4031	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C453	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4032	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C454	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4033	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C461	VCCCCY1HH101J	J 100p	50V Ceramic	AA	C4034	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB
C463	VCCCCY1HH101J	J 100p	50V Ceramic	AA	C4035	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C465	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C4036	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C466	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C4037	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C469	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4038	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C470	VCE9PF1CW106M	J 10	16V Elect.(N.P)	AC	C4039	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C471	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4040	VCEAPF1HW105M	J 1.0	50V Electrolytic	AB
C472	VCE9PF1CW106M	J 10	16V Elect.(N.P)	AC	C4041	VCEAPF0JW226M	J 22	6.3V Electrolytic	AB
C3001	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4042	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C3002	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C4043	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C3003	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4044	VCE9PF1HW105M	J 1.0	50V Elect.(N.P)	AC
C3004	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	C4045	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C3005	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4046	VCEAPF1HW105M	J 1.0	50V Electrolytic	AB
C3006	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4047	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C3007	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4048	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C3008	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C4049	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C3009	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C4050	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C3010	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4051	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C3011	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C4052	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C3012	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4053	VCCCCY1HH121J	J 120p	50V Ceramic	AA
C3101	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C5551	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C3102	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C5552	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C3103	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C5555	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C3104	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C5556	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C3105	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C5557	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C3106	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C5558	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C3201	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	RESISTORS				
C3202	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R403	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA
C3203	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R404	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C3204	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R405	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3205	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R406	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3206	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R407	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3207	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R408	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA
C3208	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R409	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA
C3209	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R410	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C3210	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R411	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3211	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R412	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3212	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R414	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C3220	VCEAPF1AW226M	J 22	10V Electrolytic	AB	R415	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C3221	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R416	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
C3222	VCEAPF1AW226M	J 22	10V Electrolytic	AB	R417	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
C3223	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R419	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3225	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R421	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3227	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R422	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3301	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R431	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C3401	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB	R441	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C3402	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB	R442	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C3403	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB	R443	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
C3404	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R444	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
C3405	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB	R445	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C3406	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R446	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C3407	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R447	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
C3501	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R448	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
C3502	VCCCCY1HH330J	J 33p	50V Ceramic	AA	R449	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3503	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R450	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3504	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB	R451	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3505	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R452	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C3506	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R461	VRS-CY1JF105J	J 1.0M	1/16W Metal Oxide	AA
C3507	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R462	VRS-CY1JF105J	J 1.0M	1/16W Metal Oxide	AA
C3508	VCCCCY1HH330J	J 33p	50V Ceramic	AA	R463	VRS-CY1JF681J	J 680	1/16W Metal Oxide	AA
C3509	VCCCCY1HH330J	J 33p	50V Ceramic	AA	R464	VRS-CY1JF681J	J 680	1/16W Metal Oxide	AA
C3510	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R465	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C3511	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R466	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C3512	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R467	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
C4022	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R468	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
C4023	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R469	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C4029	VCEAPF0JW226M	J 22	6.3V Electrolytic	AB	R470	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
					R471	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
					R472	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
					R473	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA188DE02									
TERMINAL UNIT (Continued)									
R3526	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA	FB3306	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3527	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB3401	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3528	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB3402	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3529	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA	FB3403	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3530	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA	FB3404	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3532	VRS-CY1JF330J	J	33 1/16W Metal Oxide	AA	FB3405	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3540	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA	FB3406	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3541	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA	FB3407	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3542	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB3408	RBLN-0059CEZZ	J	Ferrite Bead	AB
R3543	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB3504	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3545	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA	FB3505	RBLN-0060TAZZ	J	Ferrite Bead	AB
R3547	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA	FB3550	RBLN-0060TAZZ	J	Ferrite Bead	AB
R4013	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB4001	RBLN-0067CEZZ	J	Ferrite Bead	AC
R4014	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA	FB4002	RBLN-0062CEZZ	J	Ferrite Bead	AC
R4015	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB4003	RBLN-0062CEZZ	J	Ferrite Bead	AC
R4016	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB4004	RBLN-0062CEZZ	J	Ferrite Bead	AC
R4017	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA	FB4005	RBLN-0062CEZZ	J	Ferrite Bead	AC
R4020	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA	FB5551	RBLN-0060TAZZ	J	Ferrite Bead	AB
R4021	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA	FB5552	RBLN-0060TAZZ	J	Ferrite Bead	AB
R4023	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FB5553	RBLN-0060TAZZ	J	Ferrite Bead	AB
R4024	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	J401	QJAKG0049CEZZ	J	Jack AV IN	AH
R4025	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA	J402	QSOC0403GEZZ	J	Socket S-Video IN	AE
R4028	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA	J441	QJAKJ0008GEZZ	J	Jack Audio IN-1	AD
R4035	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA	J442	QJAKJ0008GEZZ	J	Jack Audio IN-2	AD
R4036	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA	J461	QJAKJ0008GEZZ	J	Jack Audio Out	AD
R4037	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	J3101	QTANZ0632CEZZ	J	5-BNC Terminal RGB IN	AR
R4040	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA	J5551	QJAKJ0007TAZZ	J	Jack Wired R/C	AC
R4041	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	SC401	QSOCZ3043CEZZ	J	Socket, 30-pin (ST)	AG
R4042	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA	SC3001	QSOCZ2058CEZZ	J	Socket, 20-pin (TO)	AG
R4043	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA	SC3002	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN-1	AM
R4044	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA	SC3003	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN-2	AM
R4045	VRS-CY1JF754J	J	750k 1/16W Metal Oxide	AA	SC3301	QSOCN0344FJZZ	J	Socket, 15-pin RGB Out	AM
R4046	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	SC3401	QSOC0901CEZZ	J	Socket, 9-pin	AH
R4047	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	RMC5551	RRMCU0233CEZZ	J	R/C Receiver	AF
R4048	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA		PSLDM4579CEFW	J	Shield	AK
R4049	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA		QEARP0093CEFN	J	Earth Plate	AE
R4050	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA	RUNTK0674CEZZ				
R4051	VRS-CY1JF185J	J	1.8M 1/16W Metal Oxide	AA	INLET UNIT				
R4052	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA	PACKAGED CIRCUIT				
R4053	VRS-CY1JF4R7J	J	4.7 1/16W Metal Oxide	AA	△ TNR791	9FJ0F20001310	J	ENE471D10A	AD
R4054	VRS-CY1JF121J	J	120 1/16W Metal Oxide	AA	COIL				
R4055	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA	△ L791	9FJ0L05001370	J	Inductor, 0.8mH(3.5A)	AN
R4056	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA	CAPACITOR				
R4057	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	△ C791	9FJ0C34010663	J	0.47 250V M.Polyester	AK
R4058	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA	RESISTOR				
R4059	VRS-CY1JF560J	J	56 1/16W Metal Oxide	AA	△ R791	9FJ0R11002110	J	470k 1W Special	AC
R4060	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA	MISCELLANEOUS PARTS				
R5551	VRS-TX2HF220J	J	22 1/2W Metal Oxide	AB	△ F791	9FJ0E02110030	J	Fuse 6.3A 250V	AF
R5552	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA	CN791	9FJ0G10003930	J	3-pin (PA), S2P3VH	AD
R5553	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA		9FJ0E09010010	J	Fuse Holder	AC
					△	9FJ0G10004260	J	AC Inlet NC-174-10N-DL6-BL	AK
SWITCH									
S3001	QSW-S0230CEZZ	J	Slide Switch	AG					
MISCELLANEOUS PARTS									
FB401	RBLN-0059CEZZ	J	Ferrite Bead	AB					
FB403	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB404	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB442	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB443	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB445	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB446	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB462	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB463	RBLN-0062CEZZ	J	Ferrite Bead	AC					
FB3004	RBLN-0060TAZZ	J	Ferrite Bead	AB					
FB3005	RBLN-0060TAZZ	J	Ferrite Bead	AB					
FB3050	RBLN-0060TAZZ	J	Ferrite Bead	AB					
FB3104	RBLN-0060TAZZ	J	Ferrite Bead	AB					
FB3105	RBLN-0060TAZZ	J	Ferrite Bead	AB					
FB3304	RBLN-0060TAZZ	J	Ferrite Bead	AB					
FB3305	RBLN-0060TAZZ	J	Ferrite Bead	AB					

Ref. No.	Part No.	★	Description	Code
RDENC0304CEZZ				
POWER UNIT				
INTEGRATED CIRCUITS				
△ IC701	9FJ0F01901340	J	AN8027	AQ
IC702	9FJ0F01102285	J	UPC1093TE	AG
IC703	9FJ0F01102355	J	TA79L08F	AH
IC704	9FJ0F01102510	J	PQ1CG2032	AS
IC705	9FJ0F01102365	J	UPC1944T	AH
IC706	9FJ0F01001115	J	TA75358F	AH
TRANSISTORS				
Q701	9FJ0Q11001750	J	FS7KM18A	AS
Q702	9FJ0Q02001725	J	2SC4409	AE
Q703	9FJ0Q00001310	J	2SA1931	AH
Q704	9FJ0Q02001195	J	2SC2712YT	AC
Q705	9FJ0Q09001041	J	RN1401T	AC
Q706	9FJ0Q09001041	J	RN1401T	AC
DIODES				
D701	9FJ0D01000360	J	Diode RG1C	AD
D702	9FJ0D01010085	J	Diode 1DL42A	AE
D703	9FJ0D01010195	J	Diode AU01V0	AD
D704	9FJ0D01010195	J	Diode AU01V0	AD
D705	9FJ0D00001005	J	Diode 1SS119T	AB
D706	9FJ0D01010195	J	Diode AU01V0	AD
D707	9FJ0D20001015	J	Diode 1SS184TE85	AC
D708	9FJ0D20001015	J	Diode 1SS184TE85	AC
D709	9FJ0D23010022	J	Diode FMX12S	AH
D710	9FJ0D24001200	J	Diode FMBG16L	AH
D711	9FJ0D23010022	J	Diode FMX12S	AH
D712	9FJ0D01010195	J	Diode AU01V0	AD
D713	9FJ0D20001015	J	Diode 1SS184TE85	AC
D714	9FJ0D04001030	J	Diode FMBG14L	AH
ZD701	9FJ0D31181695	J	Zener Diode RD24JSAB2TA AC	AC
ZD702	9FJ0D31181675	J	Zener Diode RD18JSAB2TA AC	AC
ZD705	9FJ0D31181655	J	Zener Diode RD15JSAB2TA AD	AD
PACKAGED CIRCUITS				
△ PC701	9FJ0F10010931	J	Photo Coupler TLP721	AG
△ PC702	9FJ0F10010931	J	Photo Coupler TLP721	AG
COILS AND TRANSFORMER				
L701	9FJ0L08001445	J	Inductor LHL08TB5R6M	AF
L702	9FJ0L08001445	J	Inductor LHL08TB5R6M	AF
L703	9FJ0L08001445	J	Inductor LHL08TB5R6M	AF
L704	9FJ0L08001660	J	Inductor 150μ	AG
B701	9FJ0L08001025	J	Inductor B-01-AT	AC
△ T701	9FJ0L00002080	J	Transformer	AT
CONTROLS				
VR701	9FJ0R60001255	J	1k 1/10W	AE
VR704	9FJ0R61001535	J	500 1/10W	AF
VR705	9FJ0R61001535	J	500 1/10W	AF
CAPACITORS				
C701	9FJ0C50002910	J	4700p 500V Ceramic	AE
△ C702	9FJ0C500010715	J	220p 1kV Ceramic	AD
C703	9FJ0C50002015	J	0.01 50V Ceramic	AB
C704	9FJ0C01510165	J	47 50V Electrolytic	AC
C705	9FJ0C01510145	J	22 50V Electrolytic	AC
C706	9FJ0C11001335	J	2200p 50V M.Polyester	AB
C707	9FJ0C01510115	J	2.2 50V Electrolytic	AC
C708	9FJ0C50003615	J	1500p 50V Ceramic	AB
C709	9FJ0C50010705	J	470p 1kV Ceramic	AD
C710	9FJ0C50002985	J	1000p 500V Ceramic	AD
C711	9FJ0C01402183	J	820 35V Electrolytic	AH
C712	9FJ0C01510165	J	47 50V Electrolytic	AC
C713	9FJ0C50002985	J	1000p 500V Ceramic	AD
C714	9FJ0C01101993	J	1800 10V Electrolytic	AF
C715	9FJ0C01101993	J	1800 10V Electrolytic	AF
C716	9FJ0C50002015	J	0.01 50V Ceramic	AB
C717	9FJ0C01510165	J	47 50V Electrolytic	AC
C719	9FJ0C01402193	J	470 35V Electrolytic	AF

Ref. No.	Part No.	★	Description	Code
C720	9FJ0C01402193	J	470 35V Electrolytic	AF
C721	9FJ0C01510165	J	47 50V Electrolytic	AC
C722	9FJ0C01302085	J	470 25V Electrolytic	AE
C723	9FJ0C01510165	J	47 50V Electrolytic	AC
C724	9FJ0C50002635	J	0.047 50V Ceramic	AC
C725	9FJ0C01101775	J	1000 10V Electrolytic	AE
C726	9FJ0C50002015	J	0.01 50V Ceramic	AB
C727	9FJ0C01101775	J	1000 10V Electrolytic	AE
C728	9FJ0C50002635	J	0.047 50V Ceramic	AC
△ C729	9FJ0C51001183	J	2200p 250V Ceramic	AD
C730	9FJ0C50002635	J	0.047 50V Ceramic	AC
C731	9FJ0C50003605	J	1000p 50V Ceramic	AB
C732	9FJ0C01102005	J	220 10V Electrolytic	AD
RESISTORS				
R701	9FJ0R94201525	J	220k 1/2W Chip	AC
R702	9FJ0R94201525	J	220k 1/2W Chip	AC
R703	9FJ0R15080575	J	22 1/2W Metal Oxide	AB
R704	9FJ0R15080735	J	100 1/2W Metal Oxide	AB
R705	9FJ0R17071451	J	100k 2W Metal Oxide	AC
R706	9FJ0R21001040	J	0.15 3W Cement	AF
R707	9FJ0R91201235	J	820 1/10W Chip	AB
R708	9FJ0R91201365	J	10k 1/10W Chip	AB
R709	9FJ0R94201425	J	33k 1/2W Chip	AC
R710	9FJ0R91201245	J	1.0k 1/10W Chip	AB
R711	9FJ0R91201225	J	680 1/10W Chip	AB
R712	9FJ0R91201285	J	2.2k 1/10W Chip	AB
R713	9FJ0R91201335	J	5.6k 1/10W Chip	AB
R714	9FJ0R91201305	J	3.3k 1/10W Chip	AB
R715	9FJ0R91201325	J	4.7k 1/10W Chip	AB
R716	9FJ0R91201365	J	10k 1/10W Chip	AB
R717	9FJ0R91201135	J	120 1/10W Chip	AB
R718	9FJ0R94201105	J	68 1/2W Chip	AC
R719	9FJ0R91201245	J	1.0k 1/10W Chip	AB
R720	9FJ0R91201005	J	10 1/10W Chip	AB
R721	9FJ0R91201245	J	1.0k 1/10W Chip	AB
R722	9FJ0R91201445	J	47k 1/10W Chip	AB
R723	9FJ0R91201205	J	470 1/10W Chip	AB
R724	9FJ0R91201285	J	2.2k 1/10W Chip	AB
R725	9FJ0R91201365	J	10k 1/10W Chip	AB
△ R727	9FJ0R16080095	J	0.22 1W Metal Oxide	AB
R728	9FJ0R91201435	J	39k 1/10W Chip	AB
R729	9FJ0R91201305	J	3.3k 1/10W Chip	AB
R730	9FJ0R91201195	J	390 1/10W Chip	AB
R731	9FJ0R91201165	J	220 1/10W Chip	AB
R732	9FJ0R91201205	J	470 1/10W Chip	AB
MISCELLANEOUS PARTS				
△ TF701	9FJ0E03001080	J	Fuse 2A 250V, P100A	AE
	9FJ0G10011560	J	Connector, B3P4VH (PF)	AE
	9FJ0i10007100	J	Harness, X40SWE (EA)	AT
	9FJ0O00002360	J	Heat Sink	AH
	9FJ0O00002370	J	Heat Sink	AH
	9FJ0O00002380	J	Heat Sink	AL

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
RDENC0305CEZZ									
PFC UNIT									
INTEGRATED CIRCUIT									
IC751	9FJ0F01901385	J	FA5332M	AU					
TRANSISTORS									
Q751	9FJ0Q11001592	J	2SK2837	AU					
Q752	9FJ0Q02001195	J	2SC2712YT	AC					
DIODES									
△ D751	9FJ0D13000160	J	Bridge Diode D5SB60	AK					
D752	9FJ0D01001775	J	Diode U05NU44	AE					
D753	9FJ0D01001775	J	Diode U05NU44	AE					
D754	9FJ0D01001785	J	Diode UU1FW44L	AE					
D755	9FJ0D01001775	J	Diode U05NU44	AE					
D756	9FJ0D04001000	J	Diode D5L60	AG					
TR751	9FJ0D41010110	J	TM1061SL	AK					
ZD751	9FJ0D31103185	J	Zener Diode HZK27	AC					
COILS									
△ L751	9FJ0L05001420	J	TC25H1434R0	AM					
△ L752	9FJ0L08001870	J	AFP10-46-100	AH					
L753	9FJ0L08001860	J	800186	AS					
CAPACITORS									
△ C751	9FJ0C51001223	J	1000p 250V Ceramic	AD					
△ C752	9FJ0C51001223	J	1000p 250V Ceramic	AD					
△ C753	9FJ0C51001223	J	1000p 250V Ceramic	AD					
C754	9FJ0C50004395	J	0.1 50V Ceramic	AD					
△ C755	9FJ0C34010623	J	0.1 250V M.Polyester	AE					
C756	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC					
C757	9FJ0C32401010	J	0.47 400V M.Polyester	AK					
C758	9FJ0C32410040	J	2.2 400V M.Polyester	AN					
C759	9FJ0C01402205	J	100 35V Electrolytic	AD					
C760	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC					
C761	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC					
C762	9FJ0C50002015	J	0.01 25V Ceramic (Chip)	AB					
C763	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC					
C764	9FJ0C50004375	J	68p 50V Ceramic (Chip)	AC					
C765	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC					
C767	9FJ0C50002015	J	0.01 25V Ceramic (Chip)	AB					
C768	9FJ0C02801633	J	150 420V Electrolytic	AS					
C769	9FJ0C50003455	J	470p 50V Ceramic	AK					
C770	9FJ0C50002015	J	0.01 25V Ceramic (Chip)	AB					
C771	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC					
C772	9FJ0C32401010	J	0.47 400V M.Polyester	AK					
C773	9FJ0C50004395	J	0.1 50V Ceramic	AD					
RESISTORS									
R751	9FJ0R11002110	J	470k 1W Special	AC					
R752	9FJ0R94201045	J	10 1.6W Fuse Resistor	AC					
△ R753	9FJ0R32001005	J	15M 1W Matal Glaze	AE					
R754	9FJ0R91501055	J	330k 1/10W Chip	AB					
R755	9FJ0R91501055	J	330k 1/10W Chip	AB					
R756	9FJ0R91501055	J	330k 1/10W Chip	AB					
R757	9FJ0R91501055	J	330k 1/10W Chip	AB					
R758	9FJ0R91501015	J	7.5k 1/10W Chip	AB					
R759	9FJ0R95201115	J	27k 1W Chip	AD					
R760	9FJ0R95201115	J	27k 1W Chip	AD					
R761	9FJ0R95201115	J	27k 1W Chip	AD					
R762	9FJ0R95201115	J	27k 1W Chip	AD					
R763	9FJ0R94201165	J	22 1/2W Chip	AC					
R764	9FJ0R91201055	J	27 1/10W Chip	AB					
R766	9FJ0R91201365	J	10k 1/10W Chip	AB					
R767	9FJ0R91201405	J	22k 1/10W Chip	AB					
R768	9FJ0R91201485	J	100k 1/10W Chip	AB					
R769	9FJ0R94201005	J	10 1/2W Chip	AC					
R770	9FJ0R94201005	J	10 1/2W Chip	AC					
R771	9FJ0R91201455	J	56k 1/10W Chip	AB					
R772	9FJ0R22001090	J	0.1 5W Cement	AF					
R773	9FJ0R91201425	J	33k 1/10W Chip	AB					
R774	9FJ0R91201565	J	470k 1/10W Chip	AB					
R775	9FJ0R91201485	J	100k 1/10W Chip	AB					
					MISCELLANEOUS PARTS				
TF751	9FJ0E03001080	J	Fuse, PA100A	AE					
	9FJ0G10001750	J	Connector, (PA)B2P3-VH	AE					
	9FJ0i10007130	J	Harness	AQ					
	9FJ0i10007140	J	Harness	AM					
	9FJ0M41001190	J	DC Fan	AX					

Ref. No.	Part No.	★	Description	Code
CPCi-0047CE12				
PC I/F UNIT				
INTEGRATED CIRCUITS				
IC8001	RH-iX3270CEZZ	J	HD6417709	BH
IC8003	9DK001-11020	J	AT24C128N-10SC-1.8	AS
IC8006	9DK001-12055	J	TC7WH241FU	AN
IC8007	9DK001-15061	J	PST600IM	AL
IC8019	9DK001-15060	J	PST623XW	AP
IC8020	RH-iX3460CEZZQ	J	GMZ2A	BP
IC8022	9DK001-12086	J	74VHCT244AMT	AL
IC8024	9DK001-15053	J	TL431CPS	AL
IC8025	RH-iX3249CEN1	J	MB87J1101	BT
IC8027	RH-iX3439CEZZQ	J	LH28F320S3NS-L12	BK
IC8028	9DK001-11017	J	MSM51V18165D-60TS-K	BB
IC8029	RH-iX3250CEZZ	J	MB87J1110	BW
IC8035	9DK001-11021	J	NT56V1616A0T-7	BB
IC8038	9DK001-11021	J	NT56V1616A0T-7	BB
IC8039	9DK001-11021	J	NT56V1616A0T-7	BB
IC8046	9DK001-11021	J	NT56V1616A0T-7	BB
IC8048	RH-iX3293CEZZ	J	MBCG61394-106	BC
IC8051	9DK001-15065	J	CXD2309Q	BC
IC8052	9DK001-12055	J	TC7WH241FU	AN
IC8053	9DK001-12057	J	TC74LVX86FT	AM
IC8056	9DK001-12058	J	HD74LVC00T	AK
IC8600	9DK001-12068	J	SN74F153DB	AM
IC8601	9DK001-20026	J	UPA103G	BA
IC8603	9DK001-15038	J	PQ05TZ11	AR
IC8604	9DK001-15071	J	PQ20VZ11	AL
IC8606	9DK001-15076	J	CXA3516R	BR
IC8607	9DK001-12070	J	HD74HCT125T	AL
IC8608	9DK001-12055	J	TC7WH241FU	AN
IC8609	RH-iX3399CEZZ	J	IX3399	BM
IC8610	9DK001-12068	J	SN74F153DB	AM
IC8611	9DK001-15087	J	NJM2137V	AS
TRANSISTOR				
Q8012	9DK001-20025	J	IMB3A	AE
DIODES				
D8001	9DK001-30001	J	1SS193	AC
D8002	9DK001-30001	J	1SS193	AC
D8003	9DK001-30001	J	1SS193	AC
D8004	9DK001-30001	J	1SS193	AC
D8601	9DK001-30018	J	1SS187	AD
D8602	9DK001-30018	J	1SS187	AD
PACKAGED CIRCUITS				
X8001	9DK001-80012	J	Crystal, 6MHz	AN
X8003	9DK001-80011	J	Crystal, 1.8432MHz	AS
X8004	9DK001-80013	J	Crystal, 22.165MHz	AN
X8005	9DK001-80014	J	Crystal, 16.25MHz	AN
FILTERS				
FL8002	9DK001-82026	J	Filter, STS104B	AG
FL8003	9DK001-82026	J	Filter, STS104B	AG
FL8005	9DK001-82026	J	Filter, STS104B	AG
FL8006	9DK001-82026	J	Filter, STS104B	AG
FL8021	9DK001-82026	J	Filter, STS104B	AG
FL8022	9DK001-82026	J	Filter, STS104B	AG
FL8023	9DK001-82026	J	Filter, STS104B	AG
FL8026	9DK001-82026	J	Filter, STS104B	AG
FL8027	9DK001-82026	J	Filter, STS104B	AG
FL8028	9DK001-82026	J	Filter, STS104B	AG
FL8032	9DK001-82026	J	Filter, STS104B	AG
FL8034	9DK001-82026	J	Filter, STS104B	AG
FL8037	9DK001-82026	J	Filter, STS104B	AG
FL8039	9DK001-82026	J	Filter, STS104B	AG
FL8041	9DK001-82026	J	Filter, STS104B	AG
FL8048	9DK001-82026	J	Filter, STS104B	AG
FL8049	9DK001-82026	J	Filter, STS104B	AG
FL8051	9DK001-82026	J	Filter, STS104B	AG
FL8053	9DK001-82026	J	Filter, STS104B	AG
FL8054	9DK001-82026	J	Filter, STS104B	AG

Ref. No.	Part No.	★	Description	Code
FL8056	9DK001-82026	J	Filter, STS104B	AG
FL8057	9DK001-82026	J	Filter, STS104B	AG
FL8058	9DK001-82026	J	Filter, STS104B	AG
FL8600	9DK001-82026	J	Filter, STS104B	AG
FL8601	9DK001-82026	J	Filter, STS104B	AG
FL8602	9DK001-82026	J	Filter, STS104B	AG
FL8603	9DK001-82026	J	Filter, STS104B	AG
FL8604	9DK001-82026	J	Filter, STS104B	AG
FL8606	9DK001-82026	J	Filter, STS104B	AG
COILS				
L600	9DK001-81052	J	Coil, 3.3μH	AG
L601	9DK001-81052	J	Coil, 3.3μH	AG
L602	9DK001-81052	J	Coil, 3.3μH	AG
L8603	9DK001-81052	J	Coil, 3.3μH	AG
L8604	9DK001-81050	J	Coil, 68μH	AG
CAPACITORS				
C8001	9DK001-42094	J	0.1 25V Ceramic	AC
C8002	9DK001-42094	J	0.1 25V Ceramic	AC
C8006	9DK001-42096	J	0.01 50V Ceramic	AC
C8009	9DK001-42096	J	0.01 50V Ceramic	AC
C8012	9DK001-42103	J	15p 50V Ceramic	AC
C8013	9DK001-42103	J	15p 50V Ceramic	AC
C8019	9DK001-42104	J	470p 50V Ceramic	AC
C8020	9DK001-42104	J	470p 50V Ceramic	AC
C8021	9DK001-42096	J	0.01 50V Ceramic	AC
C8022	9DK001-42096	J	0.01 50V Ceramic	AC
C8026	9DK001-42096	J	0.01 50V Ceramic	AC
C8028	9DK001-42096	J	0.01 50V Ceramic	AC
C8029	9DK001-42096	J	0.01 50V Ceramic	AC
C8030	9DK001-42105	J	0.047 50V Ceramic	AC
C8031	9DK001-42094	J	0.1 25V Ceramic	AC
C8035	9DK001-42096	J	0.01 50V Ceramic	AC
C8039	9DK001-42094	J	0.1 25V Ceramic	AC
C8042	9DK001-42096	J	0.01 50V Ceramic	AC
C8043	9DK001-42096	J	0.01 50V Ceramic	AC
C8052	9DK001-42096	J	0.01 50V Ceramic	AC
C8053	9DK001-42096	J	0.01 50V Ceramic	AC
C8170	9DK001-42096	J	0.01 50V Ceramic	AC
C8176	9DK001-42096	J	0.01 50V Ceramic	AC
C8177	9DK001-42096	J	0.01 50V Ceramic	AC
C8178	9DK001-42096	J	0.01 50V Ceramic	AC
C8181	9DK001-42096	J	0.01 50V Ceramic	AC
C8182	9DK001-42096	J	0.01 50V Ceramic	AC
C8185	9DK001-42096	J	0.01 50V Ceramic	AC
C8190	9DK001-42096	J	0.01 50V Ceramic	AC
C8191	9DK001-42096	J	0.01 50V Ceramic	AC
C8192	9DK001-42096	J	0.01 50V Ceramic	AC
C8196	9DK001-42096	J	0.01 50V Ceramic	AC
C8198	9DK001-42096	J	0.01 50V Ceramic	AC
C8207	9DK001-42096	J	0.01 50V Ceramic	AC
C8211	9DK001-42096	J	0.01 50V Ceramic	AC
C8213	9DK001-42096	J	0.01 50V Ceramic	AC
C8216	9DK001-42103	J	15p 50V Ceramic	AC
C8217	9DK001-42096	J	0.01 50V Ceramic	AC
C8220	9DK001-42103	J	15p 50V Ceramic	AC
C8223	9DK001-42096	J	0.01 50V Ceramic	AC
C8228	9DK001-42096	J	0.01 50V Ceramic	AC
C8230	9DK001-42096	J	0.01 50V Ceramic	AC
C8231	9DK001-42096	J	0.01 50V Ceramic	AC
C8233	9DK001-42096	J	0.01 50V Ceramic	AC
C8247	9DK001-42096	J	0.01 50V Ceramic	AC
C8250	9DK001-42096	J	0.01 50V Ceramic	AC
C8252	9DK001-40080	J	100 6.3V Electrolytic	AF
C8255	9DK001-40092	J	220 4V Electrolytic	AF
C8257	9DK001-40080	J	100 6.3V Electrolytic	AF
C8259	9DK001-42103	J	15p 50V Ceramic	AC
C8265	9DK001-42103	J	15p 50V Ceramic	AC
C8266	9DK001-42096	J	0.01 50V Ceramic	AC
C8268	9DK001-42096	J	0.01 50V Ceramic	AC
C8273	9DK001-42096	J	0.01 50V Ceramic	AC
C8281	9DK001-42096	J	0.01 50V Ceramic	AC
C8283	9DK001-42096	J	0.01 50V Ceramic	AC
C8284	9DK001-42096	J	0.01 50V Ceramic	AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CPCi-0047CE12									
PC I/F UNIT (Continued)									
C8285	9DK001-42096	J	0.01 50V Ceramic	AC	C8646	9DK001-42094	J	0.1 25V Ceramic	AC
C8297	9DK001-42096	J	0.01 50V Ceramic	AC	C8647	9DK001-42096	J	0.01 50V Ceramic	AC
C8301	9DK001-42096	J	0.01 50V Ceramic	AC	C8648	9DK001-40079	J	47 16V Electrolytic	AG
C8305	9DK001-42096	J	0.01 50V Ceramic	AC	C8649	9DK001-42094	J	0.1 25V Ceramic	AC
C8309	9DK001-42096	J	0.01 50V Ceramic	AC	C8650	9DK001-42094	J	0.1 25V Ceramic	AC
C8317	9DK001-42096	J	0.01 50V Ceramic	AC	C8651	9DK001-42096	J	0.01 50V Ceramic	AC
C8325	9DK001-42096	J	0.01 50V Ceramic	AC	C8652	9DK001-42094	J	0.1 25V Ceramic	AC
C8328	9DK001-42096	J	0.01 50V Ceramic	AC	C8653	9DK001-42111	J	1 10V Ceramic	AB
C8329	9DK001-42096	J	0.01 50V Ceramic	AC	C8654	9DK001-42111	J	1 10V Ceramic	AB
C8330	9DK001-42096	J	0.01 50V Ceramic	AC	C8656	9DK001-42094	J	0.1 25V Ceramic	AC
C8332	9DK001-42096	J	0.01 50V Ceramic	AC	C8662	9DK001-42094	J	0.1 25V Ceramic	AC
C8341	9DK001-42094	J	0.1 25V Ceramic	AC	C8672	9DK001-42096	J	0.01 50V Ceramic	AC
C8342	9DK001-42111	J	1 10V Ceramic	AB	C8674	9DK001-42096	J	0.01 50V Ceramic	AC
C8343	9DK001-42094	J	0.1 25V Ceramic	AC	C8677	9DK001-42129	J	0.01 16V Film	AL
C8344	9DK001-40077	J	10 16V Electrolytic	AF	C8679	9DK001-42096	J	0.01 50V Ceramic	AC
C8349	9DK001-42096	J	0.01 50V Ceramic	AC	C8684	9DK001-40089	J	47 6.3V Electrolytic	AE
C8355	9DK001-42101	J	220p 50V Ceramic	AC	C8685	9DK001-42096	J	0.01 50V Ceramic	AC
C8361	9DK001-40089	J	47 6.3V Electrolytic	AE	C8692	9DK001-42096	J	0.01 50V Ceramic	AC
C8366	9DK001-40080	J	100 6.3V Electrolytic	AF	C8694	9DK001-42096	J	0.01 50V Ceramic	AC
C8367	9DK001-40092	J	220 4V Electrolytic	AF	C8695	9DK001-42096	J	0.01 50V Ceramic	AC
C8368	9DK001-40090	J	47 4V Electrolytic	AF	C8698	9DK001-42096	J	0.01 50V Ceramic	AC
C8369	9DK001-40080	J	100 6.3V Electrolytic	AF	C8701	9DK001-40091	J	100 4V Electrolytic	AF
C8370	9DK001-40080	J	100 6.3V Electrolytic	AF	C8702	9DK001-43018	J	10 16V Tantalum	AH
C8371	9DK001-40080	J	100 6.3V Electrolytic	AF	C8703	9DK001-43018	J	10 16V Tantalum	AH
C8372	9DK001-40080	J	100 6.3V Electrolytic	AF	C8704	9DK001-43018	J	10 16V Tantalum	AH
C8373	9DK001-40090	J	47 4V Electrolytic	AF	C8705	9DK001-42094	J	0.1 25V Ceramic	AC
C8374	9DK001-40080	J	100 6.3V Electrolytic	AF	C8706	9DK001-42111	J	1 10V Ceramic	AB
C8375	9DK001-40092	J	220 4V Electrolytic	AF	C8707	9DK001-42094	J	0.1 25V Ceramic	AC
C8376	9DK001-40080	J	100 6.3V Electrolytic	AF	C8708	9DK001-42099	J	100p 50V Ceramic	AC
C8378	9DK001-40080	J	100 6.3V Electrolytic	AF	RESISTORS				
C8379	9DK001-40080	J	100 6.3V Electrolytic	AF	FB8001	9DK001-50267	J	33 1/16W Chip1608	AD
C8425	9DK001-42096	J	0.01 50V Ceramic	AC	FB8002	9DK001-50267	J	33 1/16W Chip1608	AD
C8432	9DK001-42103	J	15p 50V Ceramic	AC	FB8003	9DK001-50267	J	33 1/16W Chip1608	AD
C8460	9DK001-42094	J	0.1 25V Ceramic	AC	FL8001	9DK001-50110	J	0 1/10W Chip2125	AB
C8470	9DK001-42096	J	0.01 50V Ceramic	AC	FL8024	9DK001-50110	J	0 1/10W Chip2125	AB
C8471	9DK001-42096	J	0.01 50V Ceramic	AC	FL8025	9DK001-50110	J	0 1/10W Chip2125	AB
C8472	9DK001-42096	J	0.01 50V Ceramic	AC	FL8033	9DK001-50110	J	0 1/10W Chip2125	AB
C8600	9DK001-40089	J	47 6.3V Electrolytic	AE	FL8038	9DK001-50110	J	0 1/10W Chip2125	AB
C8602	9DK001-42113	J	4.7 10V Ceramic	AB	FL8043	9DK001-50110	J	0 1/10W Chip2125	AB
C8603	9DK001-42094	J	0.1 25V Ceramic	AC	FL8044	9DK001-50110	J	0 1/10W Chip2125	AB
C8604	9DK001-42094	J	0.1 25V Ceramic	AC	FL8045	9DK001-50110	J	0 1/10W Chip2125	AB
C8605	9DK001-42094	J	0.1 25V Ceramic	AC	FL8046	9DK001-50110	J	0 1/10W Chip2125	AB
C8606	9DK001-42108	J	5p 50V Ceramic	AB	FL8605	9DK001-50110	J	0 1/10W Chip2125	AB
C8607	9DK001-42108	J	5p 50V Ceramic	AB	R8001	9DK001-50165	J	100 1/16W Chip1608	AA
C8608	9DK001-40079	J	47 16V Electrolytic	AG	R8002	9DK001-50165	J	100 1/16W Chip1608	AA
C8610	9DK001-40079	J	47 16V Electrolytic	AG	R8003	9DK001-50165	J	100 1/16W Chip1608	AA
C8612	9DK001-40079	J	47 16V Electrolytic	AG	R8004	9DK001-50165	J	100 1/16W Chip1608	AA
C8613	9DK001-42096	J	0.01 50V Ceramic	AC	R8005	9DK001-50163	J	68 1/16W Chip1608	AA
C8614	9DK001-40079	J	47 16V Electrolytic	AG	R8006	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8616	9DK001-43018	J	10 16V Tantalum	AH	R8007	9DK001-50209	J	27k 1/16W Chip1608	AA
C8617	9DK001-42094	J	0.1 25V Ceramic	AC	R8009	9DK001-50204	J	150 1/16W Chip1608	AA
C8620	9DK001-43018	J	10 16V Tantalum	AH	R8011	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8621	9DK001-42094	J	0.1 25V Ceramic	AC	R8012	9DK001-50207	J	6.8k 1/16W Chip1608	AA
C8623	9DK001-43018	J	10 16V Tantalum	AH	R8013	9DK001-50207	J	6.8k 1/16W Chip1608	AA
C8624	9DK001-42094	J	0.1 25V Ceramic	AC	R8014	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8625	9DK001-42094	J	0.1 25V Ceramic	AC	R8015	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8626	9DK001-40079	J	47 16V Electrolytic	AG	R8016	9DK001-50198	J	1.69k1/16W Chip1608	AB
C8627	9DK001-42094	J	0.1 25V Ceramic	AC	R8017	9DK001-50185	J	10k 1/16W Chip1608	AA
C8630	9DK001-42096	J	0.01 50V Ceramic	AC	R8018	9DK001-50199	J	2.15k1/16W Chip1608	AB
C8631	9DK001-42094	J	0.1 25V Ceramic	AC	R8019	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8632	9DK001-42125	J	0.068 16V Film	AM	R8022	9DK001-50185	J	10k 1/16W Chip1608	AA
C8633	9DK001-42111	J	1 10V Ceramic	AB	R8023	9DK001-50185	J	10k 1/16W Chip1608	AA
C8634	9DK001-42124	J	680p 25V Ceramic	AC	R8027	9DK001-50209	J	27k 1/16W Chip1608	AA
C8635	9DK001-42099	J	100p 50V Ceramic	AC	R8028	9DK001-50183	J	4.7k 1/16W Chip1608	AA
C8636	9DK001-42099	J	100p 50V Ceramic	AC	R8033	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8637	9DK001-42111	J	1 10V Ceramic	AB	R8034	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8638	9DK001-42094	J	0.1 25V Ceramic	AC	R8035	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8640	9DK001-42111	J	1 10V Ceramic	AB	R8036	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8641	9DK001-42094	J	0.1 25V Ceramic	AC	R8040	9DK001-50163	J	68 1/16W Chip1608	AA
C8642	9DK001-42094	J	0.1 25V Ceramic	AC	R8043	9DK001-51030	J	10k 1/16W Resistor Array	AD
C8645	9DK001-42094	J	0.1 25V Ceramic	AC	R8044	9DK001-51030	J	10k 1/16W Resistor Array	AD
					R8050	9DK001-51030	J	10k 1/16W Resistor Array	AD
					R8051	9DK001-51030	J	10k 1/16W Resistor Array	AD
					R8057	9DK001-51030	J	10k 1/16W Resistor Array	AD

Ref. No.	Part No.	★	Description	Code
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PC I/F UNIT (Continued)

R8610	9DK001-50165	J	100 1/16W	Chip1608	AA
R8611	9DK001-50176	J	820 1/16W	Chip1608	AA
R8612	9DK001-50176	J	820 1/16W	Chip1608	AA
R8613	9DK001-50204	J	150 1/16W	Chip1608	AA
R8614	9DK001-50204	J	150 1/16W	Chip1608	AA
R8615	9DK001-50176	J	820 1/16W	Chip1608	AA
R8616	9DK001-50176	J	820 1/16W	Chip1608	AA
R8620	9DK001-50159	J	22 1/16W	Chip1608	AA
R8621	9DK001-50203	J	62 1/16W	Chip1608	AA
R8623	9DK001-50159	J	22 1/16W	Chip1608	AA
R8624	9DK001-50203	J	62 1/16W	Chip1608	AA
R8625	9DK001-50176	J	820 1/16W	Chip1608	AA
R8627	9DK001-50159	J	22 1/16W	Chip1608	AA
R8628	9DK001-50203	J	62 1/16W	Chip1608	AA
R8629	9DK001-50256	J	1.6k 1/16W	Chip1608	AB
R8630	9DK001-50237	J	1k 1/16W	Chip1608	AA
R8632	9DK001-50155	J	3k 1/16W	Chip1608	AB
R8635	9DK001-50155	J	3k 1/16W	Chip1608	AB
R8637	9DK001-50149	J	0 1/16W	Chip1608	AB
R8639	9DK001-50149	J	0 1/16W	Chip1608	AB
R8640	9DK001-50210	J	33k 1/16W	Chip1608	AA
R8641	9DK001-50210	J	33k 1/16W	Chip1608	AA
R8642	9DK001-50150	J	10 1/16W	Chip1608	AA
R8643	9DK001-50150	J	10 1/16W	Chip1608	AA
R8644	9DK001-50149	J	0 1/16W	Chip1608	AB
R8645	9DK001-50185	J	10k 1/16W	Chip1608	AA
R8648	9DK001-50159	J	22 1/16W	Chip1608	AA
R8649	9DK001-50159	J	22 1/16W	Chip1608	AA
R8650	9DK001-50159	J	22 1/16W	Chip1608	AA
R8651	9DK001-50159	J	22 1/16W	Chip1608	AA
R8672	9DK001-50185	J	10k 1/16W	Chip1608	AA
R8673	9DK001-50257	J	75 1/16W	Chip1608	AA
R8674	9DK001-50218	J	20k 1/16W	Chip1608	AA
R8675	9DK001-50150	J	10 1/16W	Chip1608	AA
R8680	9DK001-50185	J	10k 1/16W	Chip1608	AA
R8683	9DK001-50266	J	13 1/10W	Chip2125	AA
R8684	9DK001-50266	J	13 1/10W	Chip2125	AA
R8685	9DK001-50266	J	13 1/10W	Chip2125	AA
R8687	9DK001-50159	J	22 1/16W	Chip1608	AA
R8688	9DK001-50173	J	470 1/16W	Chip1608	AA
R8689	9DK001-50165	J	100 1/16W	Chip1608	AA
R8690	9DK001-50177	J	1k 1/16W	Chip1608	AA
R8691	9DK001-50177	J	1k 1/16W	Chip1608	AA

SWITCH

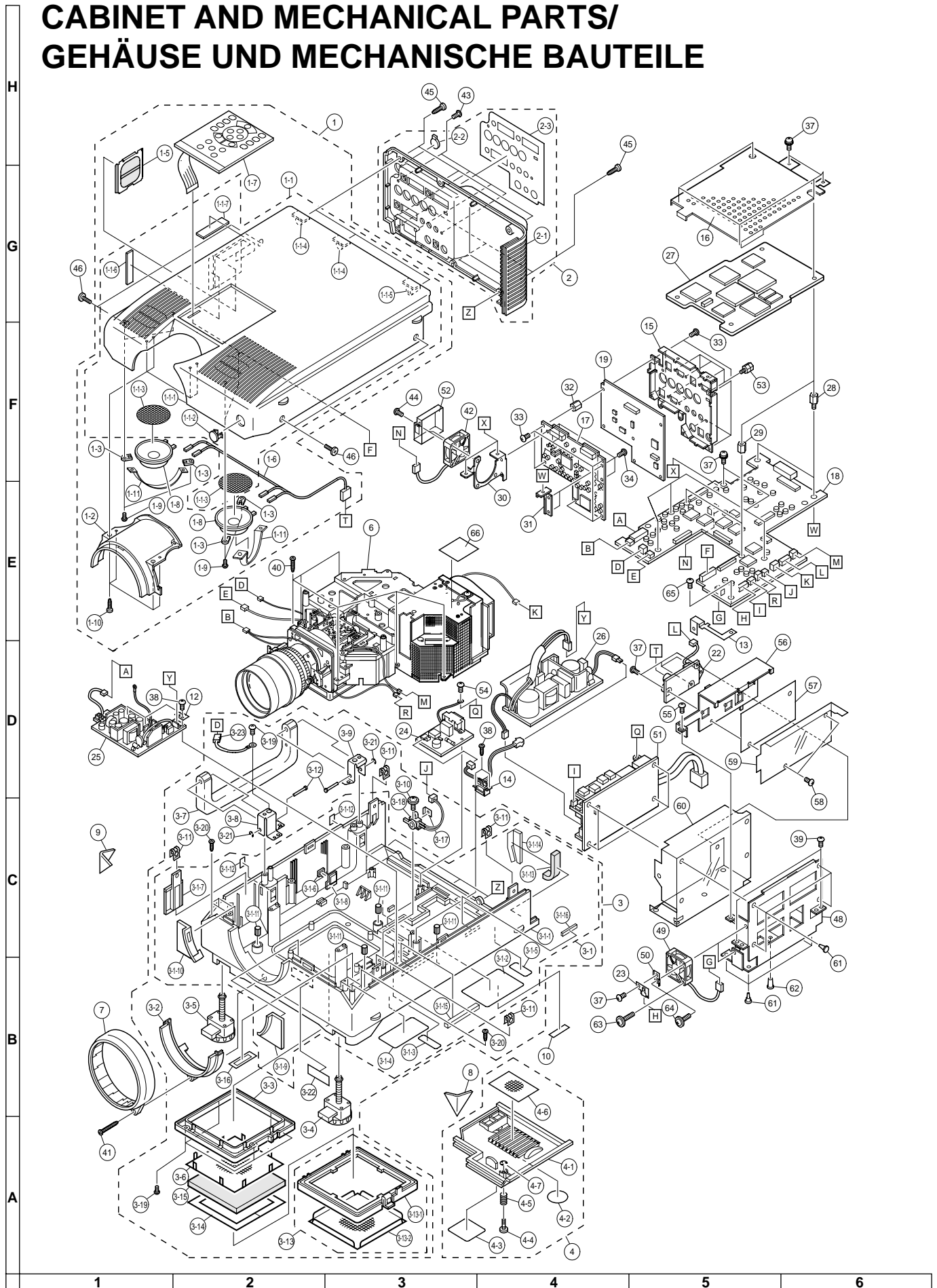
S8001	9DK001-70012	J	Switch SSS812-B-2B	AL
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MISCELLANEOUS PARTS

P8404	9DK001-60038	J	Connector, 60-pin	AR
P8405	9DK001-60038	J	Connector, 60-pin	AR
P8502	9DK001-60038	J	Connector, 60-pin	AR
TP8004	9DK001-84014	J	Lug, Test Point	AE
TP8005	9DK001-84014	J	Lug, Test Point	AE
TP8006	9DK001-84014	J	Lug, Test Point	AE
TP8007	9DK001-84014	J	Lug, Test Point	AE
TP8082	9DK001-84014	J	Lug, Test Point	AE
TP8083	9DK001-84014	J	Lug, Test Point	AE

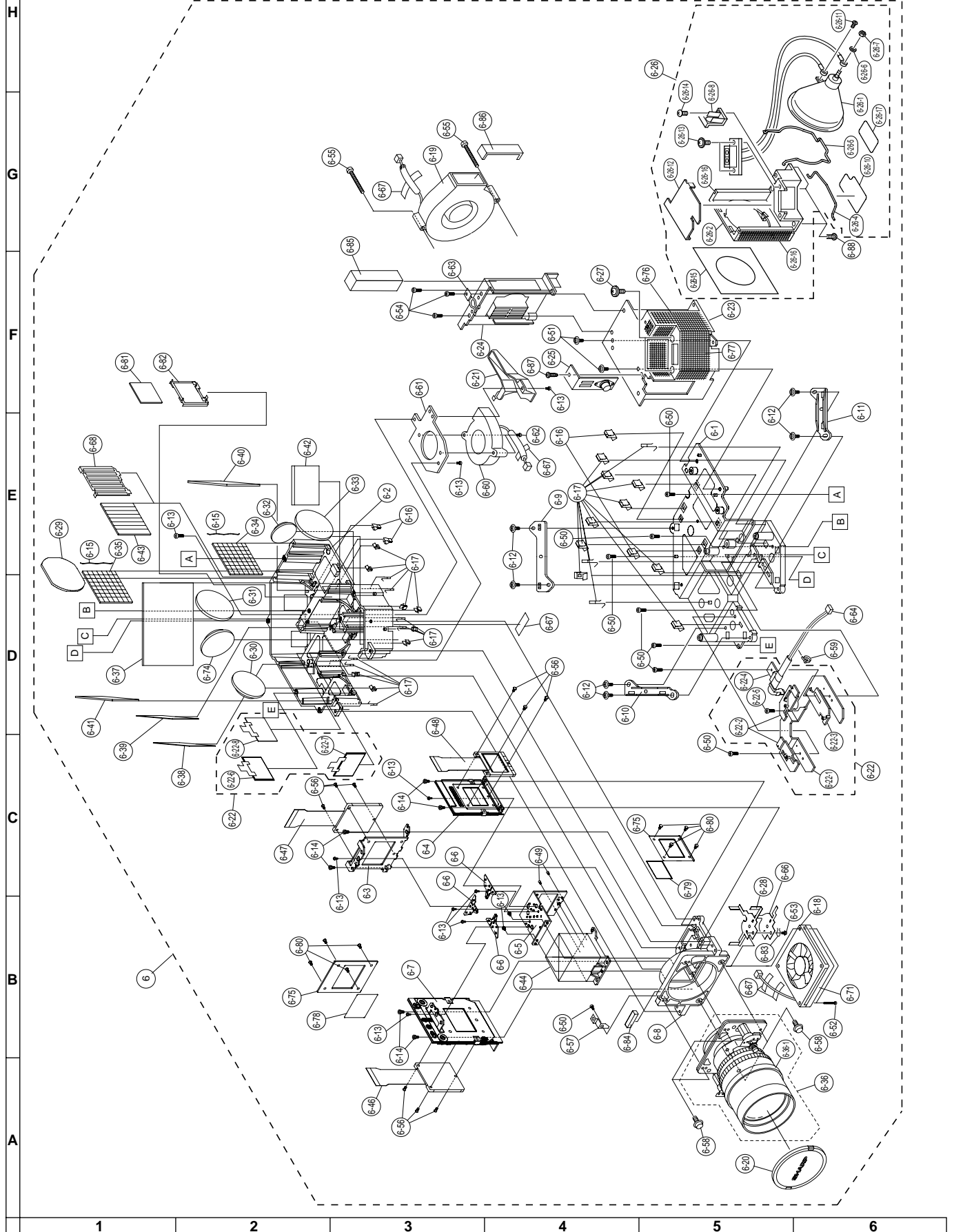
Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET AND MECHANICAL PARTS									
1	<i>Not Available</i>	—	Top Cabinet Ass'y	—	4-1	<i>Not Available</i>	—	Lamp Cage Cover	—
1-1	DBDYT1190CE01	J	Top Cabinet Ass'y	BP	4-2	GCOVH1322CESA	J	Cap	AF
1-1-1	<i>Not Available</i>	—	Top Cabinet	—	4-3	HiNDP5398CESD	J	Caution Label	AD
1-1-2	GCOVA1823CESA	J	R/C Cover, Front	AD	4-4	LX-BZ1009CEFN	J	Screw	AC
1-1-3	GNETC0163CEZZ	J	Speaker Net, x2	AE	4-5	MSPRC0202CEFW	J	Spring	AB
1-1-4	LHLDZ2127CEKZ	J	Holder (S), x2	AD	4-6	PCOVM1018CEKZ	J	Dust Cover	AF
1-1-5	LHLDZ2128CEKZ	J	Holder (L)	AD	4-7	XRESJ30-06000	J	E-Ring	AA
1-1-6	PMLT-0345CEZZ	J	Spacer (for PC Fan)	AB	6	<i>Refer to Optics Mechanism Parts</i>			
1-1-7	PMLT-0346CEZZ	J	Spacer (for PC Fan)	AB	7	GCOVA1820CEKA	J	Lens Cover (Middle)	AH
1-2	GCOVA1819CEKA	J	Lens Cover (Top)	AH	8	GCOVA1848CESB	J	Cover (R)	AF
1-3	LANGS0123CEFW	J	Speaker Angle, x4	AD	9	GCOVA1847CESB	J	Cover (L)	AM
1-5	PFiLD0084CEZZ	J	Side Filter	AK	10	TLABN0246CEZZ	J	Serial No.Label (for Europe)	AD
1-6	QCNW-5308CEZZ	J	Speaker Lead Wire	AG	10	TLABN0247CEZZ	J	Serial No.Label (for Australia)	AD
1-7	QSW-Z0527CEZZ	J	Operation Key Unit	BB	12	PZETK0071CEKZ	J	Shield	AC
1-8	VSP0050P-M88A	J	Speaker, x2	AN	13	QEARP0099CEFW	J	Angle	AF
1-9	XEPSD30P10000	J	Screw, x4	AA	14	QCNW-5352CEZZ	J	AC Power Switch	AV
1-10	XEPSD30P12000	J	Screw, x4	AA	15	PSLDM4579CEFW	J	Shield	AK
1-11	LHLDZ9155CEZZ	J	Speaker Holder, x2	AD	16	PSLDM4626CEFW	J	Shield	AF
2	DBDYR1095CE01	J	Rear Cabinet Ass'y	BE	17	<i>Not Available</i>	—	Signal Unit	—
2-1	<i>Not Available</i>	—	Rear Cabinet	—	18	<i>Not Available</i>	—	Output Unit	—
2-2	GCOVA1824CESA	J	R/C Cover, Rear	AD	19	<i>Not Available</i>	—	Terminal Unit	—
2-3	HiNDP5601CESA	J	Terminal Indication	AH	22	<i>Not Available</i>	—	Sound Out Unit	—
3	<i>Not Available</i>	—	Bottom Cabinet Ass'y	—	23	<i>Not Available</i>	—	R/C Receiver Unit	—
3-1	DBDYU1119CE01	J	Bottom Cabinet Ass'y (for Europe)	BR	24	<i>Not Available</i>	—	Inlet Unit	—
3-1	DBDYU1119CE02	J	Bottom Cabinet Ass'y (for Australia)	BR	25	<i>Not Available</i>	—	Power Unit	—
3-1-1	<i>Not Available</i>	—	Bottom Cabinet	—	26	<i>Not Available</i>	—	PFC Unit	—
3-1-2	HiNDP5703CEZZ	J	Model Label (for Europe)	AE	27	<i>Not Available</i>	—	PC I/F Unit	—
3-1-2	HiNDP5639CEZZ	J	Model Label (for Australia)	AE	28	NSFTZ0106CEFW	J	Shaft, x2	AC
3-1-3	HiNDP5371CESD	J	AC Indication (ENGLISH)	AC	29	NSFTZ0145CEFW	J	Shaft, x2	AD
3-1-4	HiNDP5620CESA	J	Caution Label	AD	30	LANGT3276CEFW	J	Angle	AG
3-1-5	HiNDP5399CESD	J	AC Indication (FRENCH)	AC	31	LANGT3277CEFW	J	Angle	AE
3-1-6	LANGF2134CEFW	J	Angle, for K. Lock	AE	32	NSFTZ0140CEFW	J	Shaft, x5	AC
3-1-7	LHLDZ2074CEKZ	J	Holder	AD	33	XBPSD26P04000	J	Screw, x10	AA
3-1-8	LHLDZ2077CEKZ	J	Cover, for K. Lock	AD	34	XBPSD30P06R00	J	Screw, x4	AB
3-1-9	LHLDZ2126CEKZ	J	Lens Holder (A)	AE	37	XBPSD30P06R00	J	Screw, x14	AB
3-1-10	LHLDZ2129CEKZ	J	Lens Holder (B)	AE	38	XEBSD30P10000	J	Screw, x6	AA
3-1-11	LX-NZ3144CEFW	J	Nut, x4	AC	39	XTASD30P16000	J	Screw, x2	AA
3-1-12	PSPAT0038CEZZ	J	Teflon Tape, for Handle, x2	AC	40	XTASD40P20000	J	Screw, x6	AA
3-1-13	PSPAZ0320CEZZ	J	Spacer	AC	41	XTBSF30P30000	J	Screw	AB
3-1-14	PSPAZ0322CEZZ	J	Heat Cover	AE	42	NFANR0090CE00	J	PC Fan	BA
3-1-15	PSPAZ0323CEZZ	J	Spacer, Side (F)	AD	43	XBPSN30P10000	J	Screw, x4	AA
3-1-16	PSPAZ0391CEZZ	J	Spacer, Side (R)	AB	44	XBBSD30P14000	J	Screw, x2	AA
3-2	GCOVA1821CEKA	J	Lens Cover (Bottom)	AG	45	XEPSN40P12000	J	Screw, x6	AC
3-3	GCOVH1321CEKA	J	Inner Filter Frame	AG	46	LX-HZ3084CEFN	J	Screw, x4	AB
3-4	GLEGP1020CEKA	J	Adjuster-Right	AV	48	9FJ0N00001950	J	Case Base	AN
3-5	GLEGP3019CEKA	J	Adjuster-Left	AV	49	9FJ0M41001120	J	Fan	AX
3-6	HPNC-0424CESA	J	Intake Punching	AH	50	9FJ0O00101930	J	Angle	AH
3-7	JHND41037CESF	J	Handle	AP	51	RDENC0302CEZZ	J	Ballast Unit (The Ballast Unit is supplied only as an assembly.)	CC
3-8	LANGF9541CEFW	J	Angle-A, for Handle	AF	52	PSLDM4600CEFW	J	PC Fan Shield	AH
3-9	LANGF9542CEFW	J	Angle-B, for Handle	AE	53	NSFTZ0134CEFW	J	Shaft, for D-Sub, x6	AD
3-10	LX-HZ3106CEFD	J	Screw	AB	54	XBPSD40P08JS0	J	Screw	AA
3-11	LX-NZ3155CEFF	J	Speed Nut, x4	AF	55	XBPSD30P04000	J	Screw, x2	AA
3-12	NSFTH0016CE00	J	Handle Shaft, x2	AD	56	9FJ0N00001960	J	Shield Case	AN
3-13	CCOVA1664CE08	J	Intake Cover Ass'y	AQ	57	9FJ0L13901320	J	Shield Board	AG
3-13-1	<i>Not Available</i>	—	Intake Cover	—	58	9FJ0S89000020	J	Screw	AB
3-13-2	HPNC-0410CESG	J	Intake Cover Punching	AK	59	9FJ0A11901520	J	Insulation Barrier	AR
3-14	PCOVM9029CEKZ	J	Dust Cover	AD	60	9FJ0A11901510	J	Insulation Barrier	AR
3-15	PFiLD0079CEZZ	J	Intake Air Filter	AD	61	9FJ0G20002690	J	Circuit Board Spacer	AD
3-16	PFiLD0115CEZZ	J	Bottom Filter	AC	62	9FJ0G20002820	J	Circuit Board Spacer	AD
3-17	PZETK0072CEKZ	J	Leaf Switch Barrier	AB	63	9FJ0S07004300	J	Screw	AC
3-18	QCNW-5351CEZZ	J	Leaf Switch	AH	64	9FJ0S08004300	J	Screw	AC
3-19	XEBSD30P10000	J	Screw, x5	AA	65	LX-HZ3103CEFD	J	Screw	AB
3-20	XEBSD30P14000	J	Screw, x8	AA	66	TLABZ0754CEZZ	J	Label	AD
3-21	XRESJ30-06000	J	E-Ring, x2	AA					
3-22	HINDP5405CESA	J	Lens Caution Label	AE					
3-23	RH-HZ0055CEZZ	J	Sensor	AM					
4	CCOVA1818CE06	J	Lamp Cage Cover Ass'y	AX					

CABINET AND MECHANICAL PARTS/ GEHÄUSE UND MECHANISCHE BAUTEILE



Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
OPTICS MECHANISM PARTS									
6	CCHSK0062CE09	J	Optics Macha. Ass'y	CQ	6-42	PMiR-0186CEZZ	J	Mirror-6	AN
6-1	LCHSK0082CEKZ	J	Optics Mecha. Cover	BB	6-43	PMiR-0269CEZZ	J	PBS	CA
6-2	LCHSK0064CEKZ	J	Optics Mecha. Base	BB	6-44	PMiR-0264CEZZ	J	Cross Prism (with Base)	CE
6-3	LANGG1174CEFW	J	G Adjusting Plate	AP	6-46	RLCDP0102CEN1	J	LCD Module Unit, Red	DK
6-4	CANGG1161CE03	J	B Adjusting Plate	AY	6-47	RLCDP0103CEN1	J	LCD Module Unit, Green	DK
6-5	LANGG0110CEFW	J	Guide Plate-Top	AM	6-48	RLCDP0104CEN1	J	LCD Module Unit, Blue	DK
6-6	LANGG1126CEFW	J	Slide Plate, x3	AG	6-49	XAPSF20P05000	J	Screw M2-5, x2	AA
6-7	CANGG1161CE03	J	R Adjusting Plate	AY	6-50	XBBSD30P08000	J	Screw M3-8, x10	AA
6-8	LHLDZ3064CEZZ	J	Holder, for Prism	BA	6-51	XBPSD40P10JS0	J	Screw M4-10, x4	AA
6-9	LHLDZ9134CEKZ	J	M1 Adjust Lever	AG	6-52	XBPSD40P30000	J	Screw M4-25, x2	AA
6-10	LHLDZ9135CEKZ	J	M5 Adjust Lever	AF	6-53	XBPSD20P06JS0	J	Screw M2-6, x1	AA
6-11	LHLDZ9136CEKZ	J	M6 Adjust Lever	AF	6-54	XEBSD40P12000	J	Screw M4-25, x3	AA
6-12	LX-BZ3038GEFD	J	Screw M3-8, x6	AA	6-55	XEPSD40P35000	J	Screw M4-35, x2	AA
6-13	LX-BZ3370CEFD	J	Screw M2.66-6wsw, x11	AB	6-56	XSSSF20P06000	J	Screw M2-5, x9	AA
6-14	LX-BZ3388CEFD	J	Screw M2.6-5, x6	AE	6-57	LANGT3278CEFW	J	PWB Plate	AE
6-15	MSPRP1199CEFW	J	Flyeye Fitting Spring, x2	AD	6-58	LX-BZ3404CEFD	J	Screw M4-12, x4	AB
6-16	MSPRP1197CEFW	J	PBS Fitting Spring, x4	AE	6-59	LHLDW1033CEKZ	J	Wire Holder	AA
6-17	MSPRP1198CEFW	J	Mirror Fitting Spring, x28	AD	6-60	NFANS0006CE00	J	Fan	BB
6-18	NFANR0076CE00	J	Cooling Fan (Intake), x1	AT	6-61	LANGK0682CEFW	J	Fan Plate	AG
6-19	NFANS0009CE00	J	Cooling Fan (Exhaust), x1	BB	6-62	XBPSD40P20000	J	Screw, x2	AC
6-20	PCAPH1056CESA	J	Lens Cap	AW	6-63	LHLDW1046CEZZ	J	Wire Holder	AA
6-21	PDUC-0119CEKZ	J	PBS Duct Cover	AF	6-64	RH-HZ0048CEZZ	J	Thermistor (Q)	AN
6-22	CANGG0107CE02	J	Polarizer Fixing Plate	BV	6-66	PGiDH0036CEFW	J	Flap	AH
			Adjusting Mechanism Ass'y		6-67	PSPAT0003CEZZ	J	Teflon Tape, x5	AA
6-22-1	LANGU9034CEFW	J	Polarizer Fixing Plate	AH	6-68	PSPDP3059CEFW	J	PBS Aperture	AE
6-22-2	LANGU9035CEFW	J	Polarizer Fixing Plate	AF	6-71	PSPAG0366CE00	J	Spacer	AD
			Adjusting Lever R-G, x2		6-74	PLNS-0127CEZZ	J	L2, G	AZ
6-22-3	LANGU9036CEFW	J	Polarizer Fixing Plate	AF	6-75	LANGK0742CEFW	J	PF Plate for GB out PF, x2	AG
			Adjusting Lever B		6-76	PCOVZ3007CEFW	J	Net	AG
6-22-4	LANGU9038CEFW	J	Thermistor Angle	AE	6-77	PCOVZ3019CEFW	J	Net	AK
6-22-5	XBBSD20P04000	J	Screw, x1	AA	6-78	PFiLW0263CEZZ	J	G Out PF	BK
6-22-6	CANGU9037CE04	J	Polarizer Input Filter-R	BD	6-79	PFiLW0259CEZZ	J	B Out PF	BH
6-22-7	CANGU9037CE05	J	Polarizer Input Filter-G	BA	6-80	XiPSF20P02000	J	Screw, x6	AA
6-22-8	CANGU9037CE06	J	Polarizer Input Filter-B	BC	6-81	PFiLW0270CEZZ	J	UV Filter	BB
6-23	PDUC-0120CEKZ	J	Duct Holder	AV	6-82	PSLDP9036CEFW	J	UV Aperture	AF
6-24	PDUC-0118CEKZ	J	Angle, for Fan	AT	6-83	PGiDH0033CEFW	J	Flap	AE
6-25	CBiM-0001DE29	J	Bimetal Ass'y	AY	6-84	PSPAZ0321CEZZ	J	Molt	AB
△ 6-26	BQC-XGP10XE/1	J	Metal-Halide Lamp Unit	CQ	6-85	PSPAZ0383CEZZ	J	Spacer-A	AD
△ 6-26-1	CLMPF0064CE01	J	Lamp/Mirror Ass'y	CL	6-86	PSPAZ0384CEZZ	J	Spacer-B	AD
6-26-2	PCASZ1038CEKZ	J	Lamp Case	AR	6-87	XEBSD30P10000	J	Screw, x1	AA
6-26-4	LHLDZ3054CEFW	J	Handle	AE	6-88	XBTSC40P12000	J	Screw, x3	AB
6-26-5	MSPRK0084CEFW	J	Spring	AH					
6-26-6	LX-WZ3102CEFN	J	Washer	AA					
6-26-7	LX-NZ3108CEFN	J	Nut	AA					
6-26-8	PCOVZ1092CEKZ	J	Cover	AF					
6-26-10	TLABZ0761CEZZ	J	Label	AD					
6-26-11	LX-BZ3270CEFN	J	Screw	AA					
6-26-12	PSLDP3061CEFW	J	Shielding Plate	AE					
6-26-13	LX-HZ3106CEFD	J	Screw, x2	AB					
6-26-14	XEPSD30P10000	J	Screw	AA					
6-26-15	PCOVZ3023CEFW	J	Cover, for Lamp	AN					
6-26-16	HPNC-0463CEFW	J	Net, x2	AF					
6-26-17	TLABZ0758CEZZ	J	Label	AD					
6-27	LX-HZ3106CEFD	J	Screw, x2	AB					
6-28	PGiDH0032CEFW	J	Flap	AG					
6-29	PLNS-0126CEZZ	J	L1	BM					
6-30	PLNS-0127CEZZ	J	L2, R	AZ					
6-31	PLNS-0214CEZZ	J	G01	AZ					
6-32	PLNS-0129CEZZ	J	G02	AW					
6-33	PLNS-0214CEZZ	J	G03	BA					
6-34	PLNS-0131CEZZ	J	Flyeye Lens (Incoming-Light)	BR					
6-35	PLNS-0132CEZZ	J	Flyeye Lens (Outgoing-Light)	BP					
6-36	CLNS-0169CE02	J	Projection Lens	CN					
6-36-1	PMLT-0359CEZZ	J	Lens Spacer	AS					
6-37	PMiR-0183CEZZ	J	Mirror-1	AP					
6-38	PMiR-0268CEZZ	J	Mirror-2	BF					
6-39	PMiR-0237CEZZ	J	Mirror-3	BL					
6-40	PMiR-0186CEZZ	J	Mirror-4	AN					
6-41	PMiR-0187CEZZ	J	Mirror-5	AN					

OPTICS MECHANISM PARTS/ TEILE FÜR OPTIKMECHANISMUS



Ref. No. Part No. ★ Description Code

SUPPLIED ACCESSORIES

	PFI LD0080CEZZ	J	Extra Air Filter	AE
△	QACCV4002CEZZ	J	AC Cord (for Europe)	AZ
△	QACCB5024CEZZ	J	AC Cord (for U.K. and Hong Kong)	BA
△	QACCL3022CEZZ	J	AC Cord (for Australia and New Zealand)	AZ
	QCNW-5304CEZZ	J	Computer RGB Cable	AV
	QCNW-4870CEZZ	J	Computer Audio Cable	AQ
	QCNW-5113CEZZ	J	PS/2 Mouse Control Cable	AN
	QCNW-5288CEZZ	J	DIN D-Sub RS-232C Cable	AM
	QCNW-5680CEZZ	J	USB Mouse Control Cable	AP
	QPLGJ0107GEZZ	J	BNC-RCA Adaptor	AR
	RRMCG1590CESA	J	Wireless R/C Unit	BR
	RUNTK0673CEZZ	J	Remote Mouse Receiver	BM
	UDSKA0026CEN1	J	CD-ROM	AQ
	TINS-7068CEZZ	J	Operation Manual	AY
	TINS-7069CEZZ	J	SAPS Operation Manual	AU
	TINS-7070CEZZ	J	Quick Reference1	AH
	TINS-7171CEZZ	J	Quick Reference2	AH
	TINS-7172CEZZ	J	Quick Reference3	AG
	PCAPH1056CESA	J	Lens Cap	AW

ACCESSORIES (NOT REPLACEMENT ITEM)

TCAUZ3032CEZZ	-	Software Caution	—
—	-	Two AA Size Batteries	—

Ref. No. Part No. ★ Description Code

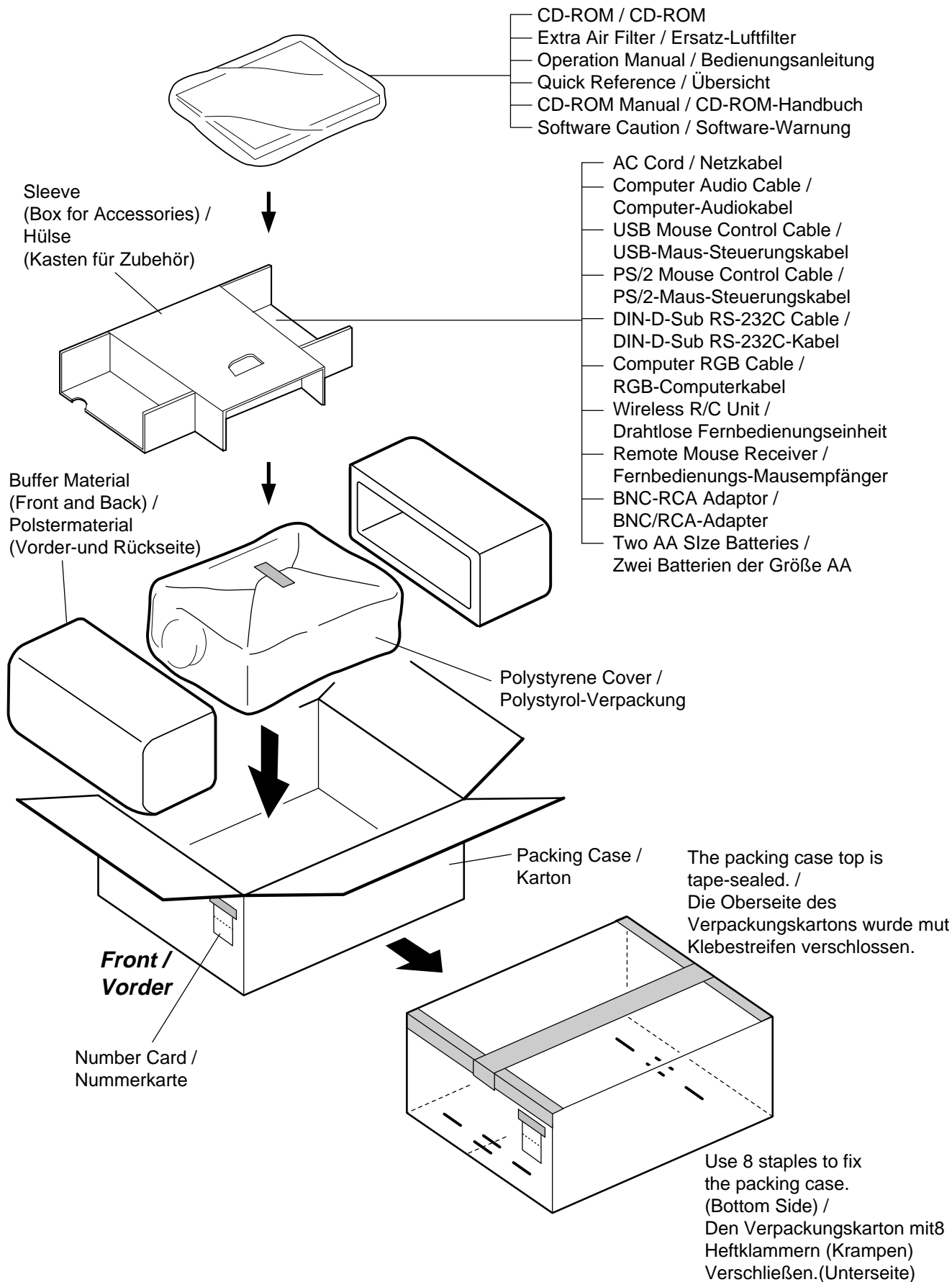
**SERVICE JIGS
(Use for servicing)**

	9DASPN-XGNV1U	J	Spanna, 3mm (Off-set Cam Adjustment)	BG
	9EQDRIVER-NV1A	J	Off-set Driver (Focus Adjustment)	CA
	9EQLNC-XGNV1U	J	Hexagon Wrench, 2mm (Convergence Adjustment)	BA
	9EQLNC-XGNV4U		or	
	QCNW-4984CEZZ	J	Extension Cable 20-pin Signal (TN)- PC Terminal (TN)	BT
	QCNW-4985CEZZ	J	Extension Cable 28-pin Signal (CA)-Output (CA), Signal (CB)-Output (CB)	BG
	QCNW-4767CEZZ	J	Extension Cable 30-pin Signal (VS)- Video Board (VS)	BT
	QCNW-4851CEZZ	J	Extension Cable 60-pin Output (TC2)-PC I/F (TC2), Output (TC3)-PC I/F (TC3)	BX
	QCNW-4852CEZZ	J	Extension Cable 32-pin LCD Panel-Output	BH

**PACKING PARTS
(NOT REPLACEMENT ITEM)**

SPAKC5449CEZZ	-	Packing Case	—
SPAKP0805CEZZ	-	Polystyrene Cover	—
SPAKX2910CEZZ	-	Buffer Material	—
SPAKF0415CEZZ	-	Sleeve(Box for Accessories)	—
TLABK0001TAZZ	-	Number Card	—

PACKING OF THE SET / VERPACKEN DES GERÄTS



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