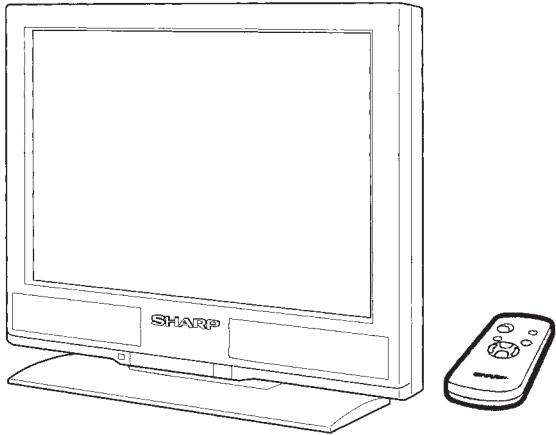


SHARP SERVICE MANUAL

SX9S3LC20VM2E



LCD AV MONITOR

MODEL LC-20VM2E

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 be used.

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1. IMPORTANT SERVICE SAFETY PRECAUTION

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

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

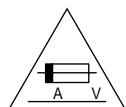
CAUTION

FOR CONTINUED PROTECTION

AGAINST A RISK OF FIRE REPLACE

ONLY WITH SAME TYPE FUSE. F702 (2A, 250V), F703 (2.5A, 250V), F7751 (5A, 250V)

FUSE.

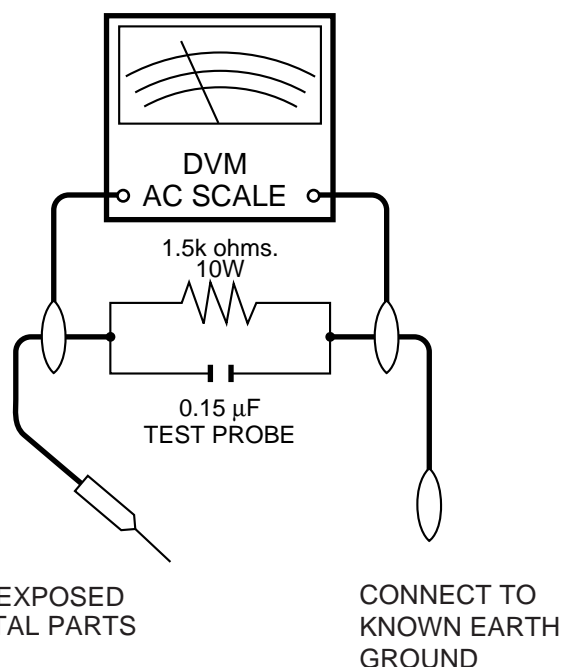


BEFORE RETURNING THE MONITOR (Fire & Shock Hazard)

Before returning the monitor to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current in the following manner.
 - Plug the AC Adaptor directly into a 100~240 volt AC outlet, and connect the DC power cable into the monitor's DC jack. (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15μF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
 - Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
 - Connect the resistor connection to all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor. All checks must be repeated with the AC Adaptor plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.3V RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD monitor have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

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

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, or other hazards.

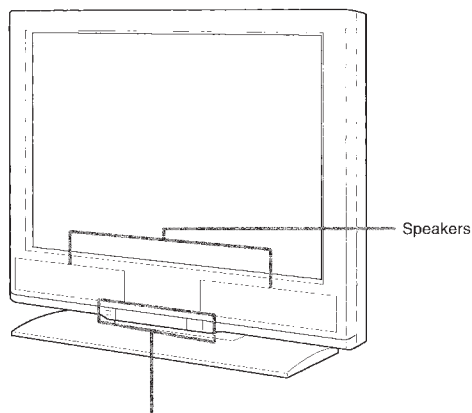
2. SPECIFICATIONS

- Type: LCD display unit (LCD color AV monitor)
- Size: 20" type (298.8 mm × 401.3 mm)
- Display System: Transmitting type TN liquid crystal panel.
- Driving System: TFT (Thin Film Transistor) active matrix system
- Number of Picture Elements: 885,120 (640 (H) × 3 (RBG) × 461 (V))
- Speaker Output: 4.0 W (Front 0.7W + 0.7W, Rear 2.6W)
- Speaker: 30 mm × 40 mm (Elliptic) × 2 (Front)
ø80mm (Round) × 1
- Light Source: Edge Light (Fluorescent light cold cathode pipe × 6, Optical system)
- Connected Terminals: DC Input Terminal (DC13V), S-Video Input Terminal, Video Input Terminal 2 System, Audio Input Terminal 2 System (As for 1 system of the video input terminal, the audio input terminal, switching is possible for the one for the monitor output.)
Component Video Terminal, Component Video Audio Terminal, RGB Input Terminal, Serial Control Terminal, Headphone Output Terminal
- Power Source: AC 110~240-50/60Hz (Connected to AC Adapter)
- Power Consumption (Approx.): 20" type 50.7 W (DC 13V Input)
- Operating Temperature: 0°C~40°C
- Dimensions: 460 mm (W) × 435 mm (H) × 180 mm (D) (Includes Set Stand)
460 mm (W) × 406 mm (H) × 49.5 mm (D) (Not Include Set Stand)
- Weight (Approx.): 8.7 kg (Includes Set Stand)
6.3 kg (Not Include Set Stand)
- Accessories: Operation Manual, AC Adapter, AC Cable, Remote Control,
Batteries (AAA size x 2), AV Cable, RS232C Cable, Cable Clamp (× 2),
Back Cover (× 1)

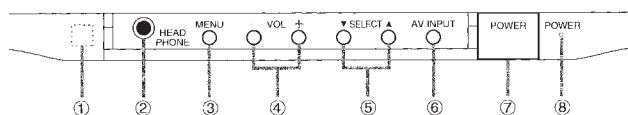
Specifications are subject to changed without prior notice.

3. PART NAMES

Main Unit (Front View)



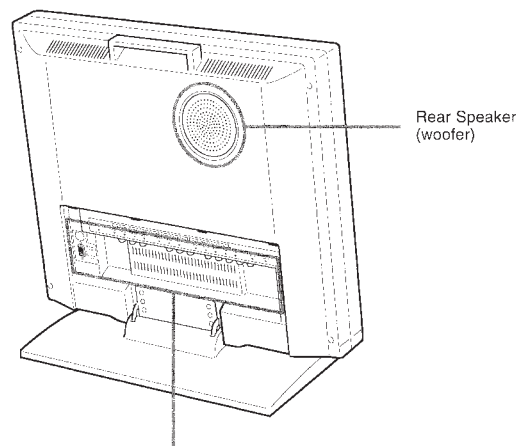
Front Control section



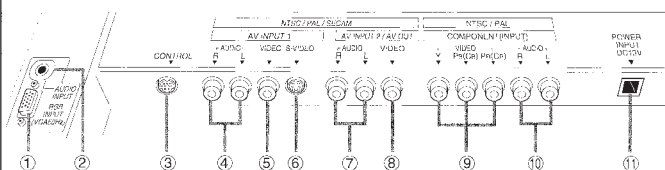
- ① Remote sensor window
- ② HEAD PHONE jack
- ③ MENU button
- ④ VOL (+)/(-) buttons
- ⑤ SELECT buttons
- ⑥ AV INPUT button
- ⑦ POWER switch
- ⑧ POWER indicator

* MENU button, VOL (+)/(-) buttons, SELECT buttons and AV INPUT button have the same function as those on the remote control.
This manual describes button functions by referring to the buttons on the remote control.

Main Unit (Rear View)

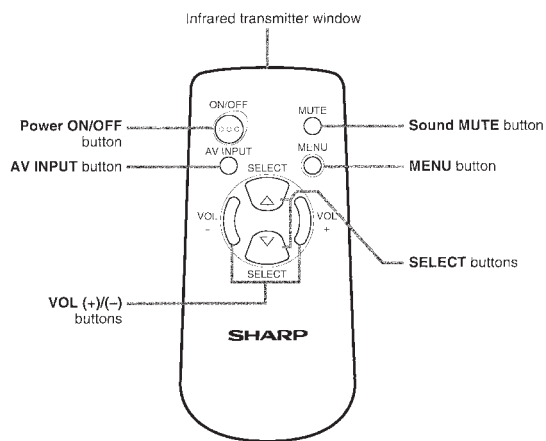


Rear terminal section



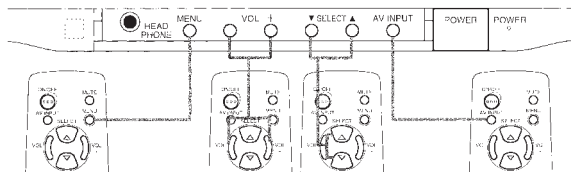
- ① RGB input terminal
 - ② AUDIO input terminal
 - ③ CONTROL terminal
 - ④ AUDIO input terminal (AV INPUT 1)
 - ⑤ VIDEO input terminal (AV INPUT 1)
 - ⑥ S-VIDEO input terminal (AV INPUT 1)
 - ⑦ AUDIO input terminal (AV INPUT 2/AV OUT)
 - ⑧ VIDEO input terminal (AV INPUT 2/AV OUT)
 - ⑨ VIDEO input terminal (COMPONENT)
 - ⑩ AUDIO input terminal (COMPONENT)
 - ⑪ DC input terminal
- * ⑦ and ⑧ can also be used as video/audio output terminals

Remote control

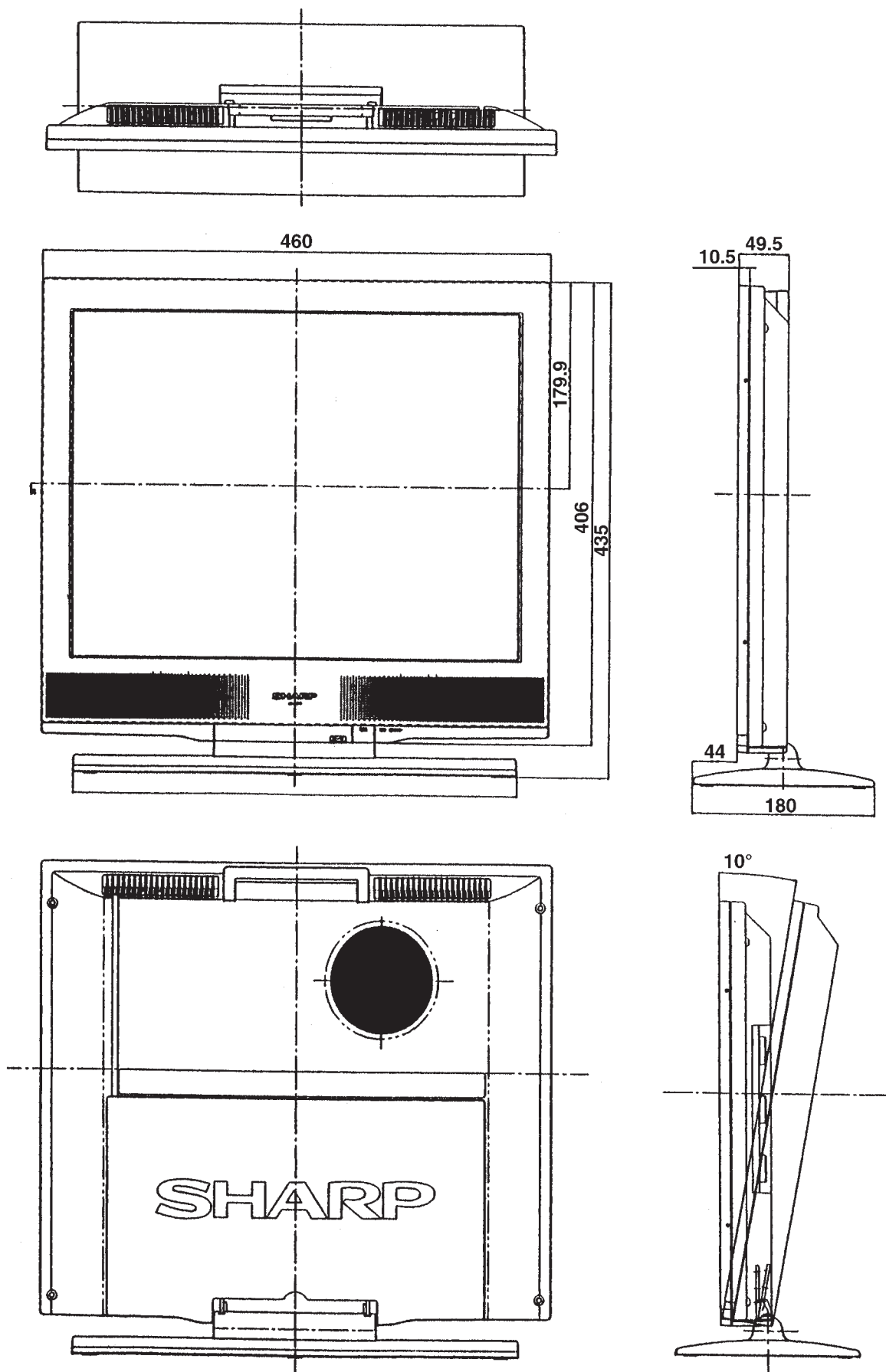


■ The front control section of the main unit is also provided with the AV INPUT, SELECT, VOL (+)/(-) and MENU buttons.
* This manual describes button functions by referring to the buttons on the remote control.

Front Control section

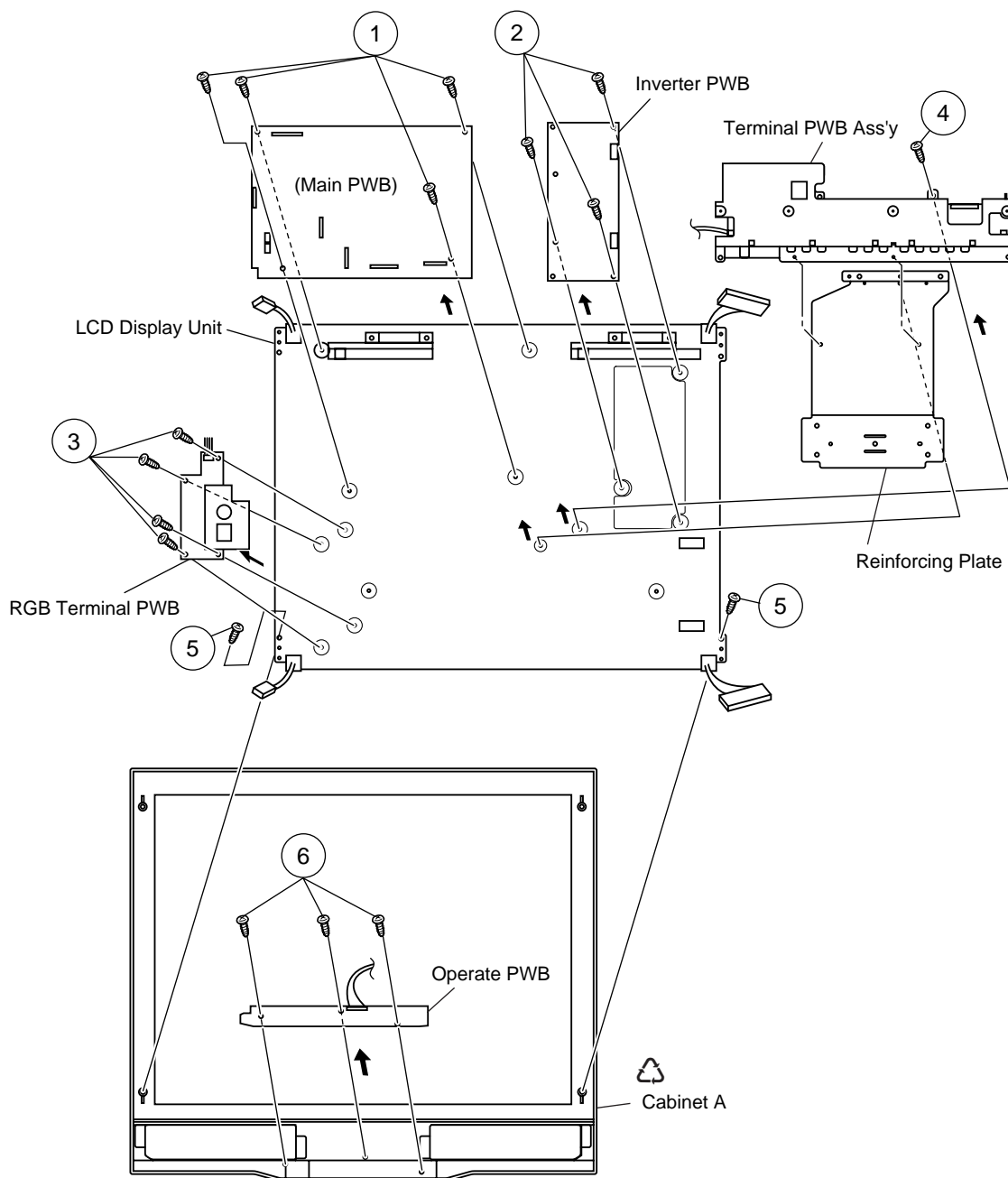


4. OUTLINE DIMENSION FIGURE



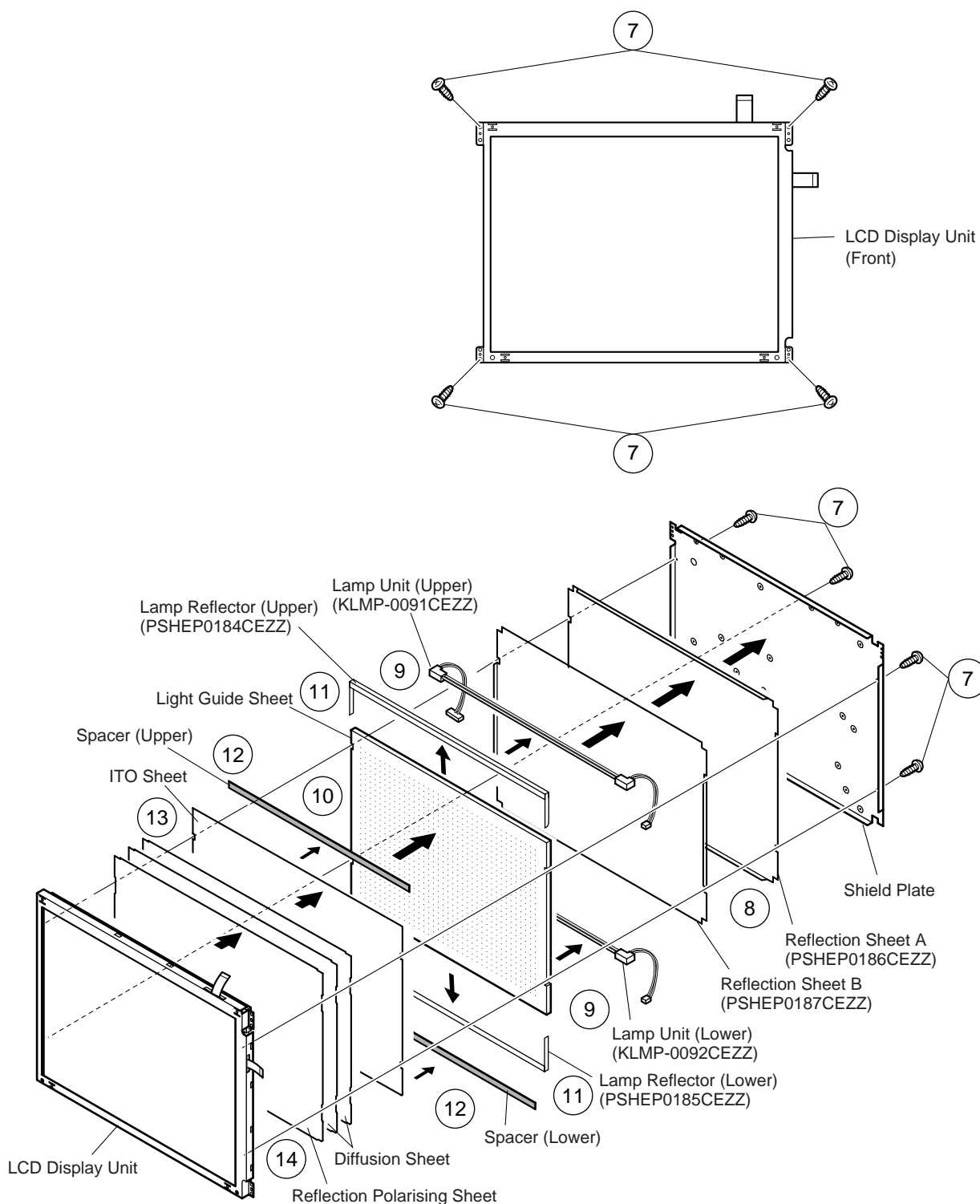
5. REMOVING THE MAIN PARTS

1. Remove the four main PWB fixing screws.
2. Remove the three inverter PWB fixing screws.
3. Remove the four RGB terminal PWB fixing screws.
4. Remove the one terminal PWB fixing screw and 1 earth fixing screw to remove the reinforcing plate.
5. Remove the two LCD unit fixing screws.
6. Remove the three operation PWB fixing screws.



• Caution for handling the LCD panel

1. Work in a clean room. (Humidity: 50% or more)
2. A worker must wear arm bands.
3. Work on a conductive mat.
4. Do not expose the unit to shock such as fall or vibration.
5. Use an ionizer. (within 30 cm)
7. Remove the four LCD unit front fixing screws and 4 rear fixing screws to remove the shield plate.
8. Remove the two reflection sheets.
9. Remove the upper and lower fluorescent tubes.
10. Remove the light guide plate.
11. Remove the upper and lower reflection sheets.
12. Remove the upper and lower spacers.
13. Remove the ITO sheet.
14. Remove the diffusion sheet and the reflection polarizing plate.



6. LC-20VM2 ADJUSTING METHOD

The best adjustment is made before shipping. If any position deviation is found or after part replace is performed, adjust as follows.

6-1. Preparation for adjustment

- (1) Use the exclusive-use AC adapter or stable DC power supply.
AC adapter: UADP-0205CEZZ
DC power supply: 13 (V) 5(A) (Total of the triple power supply)

6-2. Special mode setting procedure

Note: When a micro-controller (IC2001) is replaced, the initialization of the E² memory is necessary.

- (1) After initialization of E²PROM the mode is changed to the adjustment mode.

[Procedure]

Connect TP2002 and TP2003 to GND, and turn on the power.

[Description]

All data are initialized.

- (2) Change to adjustment mode

[Procedure]

Press the "ADJUSTMENT" key on the remote control.

[Description]

The manual adjustment or adjustment through communication with the automatic machine is performed.

- (3) Inspection mode

[Procedure]

After turning on the power, press the "INSPECTION" key on the remote control.

- (4) Switching to the factory default setting mode

[Procedure]

After turning on the power, press the "DEFAULT SETTING" key on the remote control.
"SETTING COMPLETE" appears on the screen.

[Description]

Set the user adjustment value to default.

6-3. How to exit from the special mode

Turn off the main unit power.

6-4. OSD menu indication and items in case of manual adjustment

Page	Item	Adjusting range			Remarks
		Minimum	Maximum	Initial	
1	+ B – ADJ	0	255	160	
	MODEL			VM2U	VM1/VM2E/VM2U
	NTSC/PALM OSC	0	255	128	
	PAL/SECAM OSC	0	255	128	
	ERROR NO	0		0	Number of the error detection
	ERROR RESET			WAIT	WAIT/RESET
	COM	0	255	90	
	BELL FO	0	255	120	
	B-Y BLACK LEVEL	0	15	8	
	R-Y BLACK LEVEL	0	15	8	
	COPY GUARD			ON	OFF/ON

2	SYSTEM			AUTO	N358/N443/PAL/PAL-
	LOUDNES			OFF	ON/OFF
	TA1276 DATA				0000
	TEST PATTERN			OFF	ON/OFF
	I ² C DATA				000000
	I ² C DATA			WAIT	WAIT/SEND
	G/A W DATA				0000
	G/A W DATA			WAIT	WAIT/SEND
	G/A R DATA				00
	G/A R DATA			WAIT	WAIT/SEND
	G/A R DATA				00
	ROM COLLECTION			WAIT	To the data input screen

3	N358 BRIGHTNESS	0	255	130	
	R CUTOFF	0	255	80	
	B CUTOFF	0	255	80	
	N358 UNICOLOR	0	127	60	
	R DRIVE	0	127	64	
	B DRIVE	0	127	64	
	N358 SCOLOR	0	31	25	
	N358 TINT	0	127	67	
	N443 BRIGHTNESS	0	255	130	
	N443 UNICOLOR	0	127	50	
	N443 SCOLOR	0	31	25	
	N443 TINT	0	127	62	

4	PAL-M BRIGHTNESS	0	255	130	
	PAL-M UNICOLOR	0	127	50	
	PAL-M SCOLOR	0	31	24	
	PAL-M TINT	0	127	62	
	PAL BRIGHTNESS	0	255	130	
	PAL UNICOLOR	0	127	50	
	PAL SCOLOR	0	31	19	
	PAL TINT	0	127	62	
	SECAM BRIGHTNESS	0	255	130	
	SECAM UNICOLOR	0	127	80	
	SECAM SCOLOR	0	127	75	
	SECAM TINT	0	127	58	

5	DVD 60 BRIGHTNESS	0	255	130	
	DVD 60 UNICOLOR	0	127	65	
	DVD 60 COLOR	0	127	61	
	DVD 60 TINT	0	127	67	
	DVD 50 BRIGHTNESS	0	255	130	
	DVD 50 UNICOLOR	0	127	65	
	DVD 50 COLOR	0	127	61	
	DVD 50 TINT	0	127	62	
	DVD 60 R-Y PHASE	0	3	2	
	DVD 60 B-Y PHASE	0	3	3	
	DVD 50 R-Y PHASE	0	3	2	
	DVD 50 R-Y PHASE	0	3	1	

6	RGB BRIGHTNESS	0	255	70	
	RGB R CUTOFF	0	255	80	
	RGB B CUTOFF	0	255	80	
	RGB CONTRAST	0	127	90	
	RGB R DRIVE	0	127	64	
	RGB B DRIVE	0	127	64	
	MASK			OFF	ON/OFF
	HMASK-L	0	FF	2	Hexadecimal indication
	HMASK-R	0	FF	FD	Hexadecimal indication
	RGB CLOCK	0	3FF	320	Hexadecimal indication
	DATA COPY				
	AD CHECK			OFF	ON/OFF

7	AV NT/PALM H	0	7F	19	Hexadecimal indication
	DVD 60 H	0	7F	1D	Hexadecimal indication
	AV PAL H	0	7F	12	Hexadecimal indication
	DVD 50 H	0	7F	14	Hexadecimal indication
	AV SECAM H	0	7F	10	Hexadecimal indication
	RGB H	0	7F	9C	Hexadecimal indication
	RGB TEXT H	0	7F	9C	Hexadecimal indication
	NT/PALM V	1	1F	0B	Hexadecimal indication
	PAL V	1	1F	0A	Hexadecimal indication
	SECAM V	1	1F	09	Hexadecimal indication
	RGB V	1	3F	1D	Hexadecimal indication
	RGB TEXT V	1	3F	25	Hexadecimal indication

8	N358 R-Y PHASE	0	3	2	
	N358 B-Y PHASE	0	3	1	
	N443 R-Y PHASE	0	3	2	
	N443 B-Y PHASE	0	3	1	
	PAL-M R-Y PHASE	0	3	2	
	PAL-M B-Y PHASE	0	3	1	
	PAL R-Y PHASE	0	3	2	
	PAL B-Y PHASE	0	3	1	
	SECAM R-Y PHASE	0	3	2	
	SECAM B-Y PHASE	0	3	1	
	COLOR	0	127	60	
	SCONT	0	31	18	

9	SPEED			9600	600/1200/2400/4800/9600/19.2k
	PARITY			NONE	NONE/EVEN/ODD
	TIME OUT	0	FF	0	Hexadecimal indication

10	GAMMA TEST			OFF	ON/OFF
	AV V0	0	255	240	
	AV V0 BIAS	0	255	127	
	AV V16	0	255	185	
	AV V16 BIAS	0	255	127	
	AV V32	0	255	123	
	AV V32 BIAS	0	255	118	
	AV V48	0	255	75	
	AV V48 BIAS	0	255	127	
	AV V63	0	255	40	
	AV V63 BIAS	0	255	127	

11	GAMMA TEST			OFF	ON/OFF
	RGB V0	0	255	240	
	RGB V0 BIAS	0	255	127	
	RGB V16	0	255	185	
	RGB V16 BIAS	0	255	127	
	RGB V32	0	255	123	
	RGB V32 BIAS	0	255	118	
	RGB V48	0	255	75	
	RGB V48 BIAS	0	255	127	
	RGB V63	0	255	40	
	RGB V63 BIAS	0	255	127	

6-5. Adjustment process mode special key operation

With the "AUTO PRESET" key on the remote control

With the "MANUAL MEMORY" key on the remote control

With the "MENU" key on the remote control or the main unit

With the "PICTURE SELECTION" key on the remote control

Forward movement of the page

Moves to the first line of the current page

Forward movement of the selection item

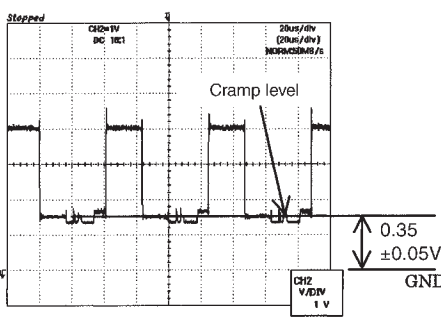
Backward movement of the selection item

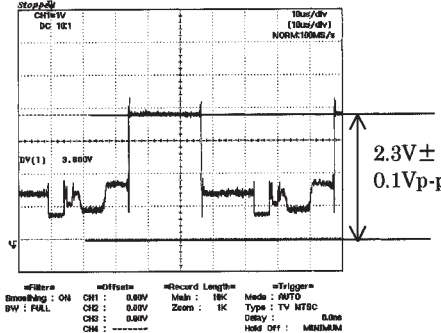
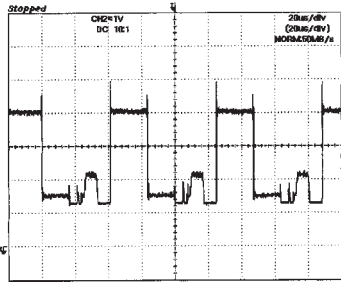
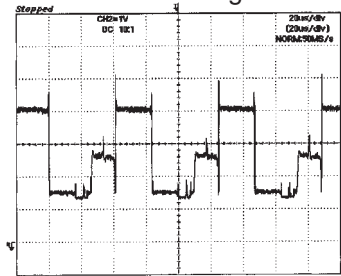
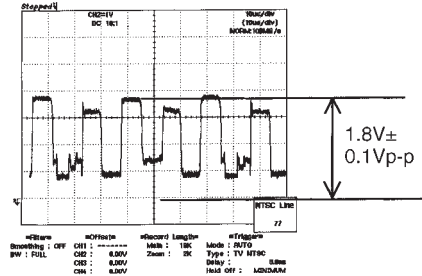
6-6. Service Adjusting

6-6-1. Main chassis adjustment

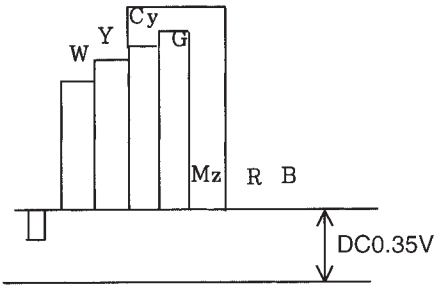
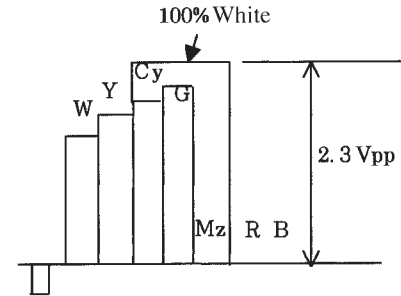
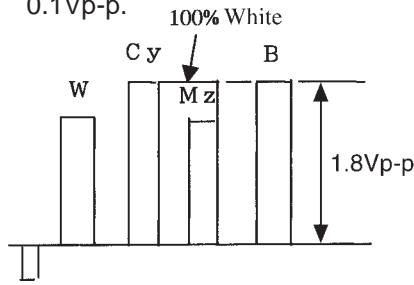
	Adjustment	Adjusting conditions	Adjusting method
1	+B Adjustment (+B ADJ Item)	1. Connect the DC voltmeter to TP1101	1. Adjust the DC/DC 5V line output voltage so as to get $5.0 \pm 0.05V$. (DAC 16ch)
2	Setting (MODEL) (SYSTEM) (COPY GUARD) (MASK)		MODEL V2E SYSTEM AUTO COPY GUARD ON MASK OFF
3	Counter-bias adjustment (COM Item)	1. Set the AV1 mode to set signal noninput state. 2. Fit the specified adjusting instrument to the screen center. 3. Observe the adjusting instrument output on the oscilloscope.	1. Adjust COM so as to minimize the waveform peak-peak. (DAC2 2ch)
4	NTSC / PALM OSC adjustment (NTSC/PALM OSC Item)	1. Input the NTSC monoscope pattern to AV1.	1. Adjust OSC so as to get the normal screen.

6-6-2. N358 signal adjustment

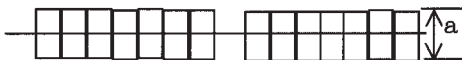
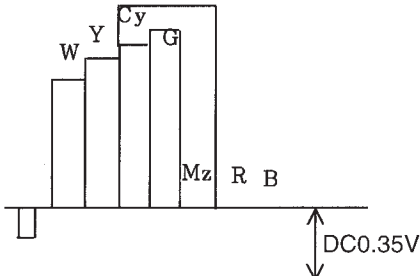
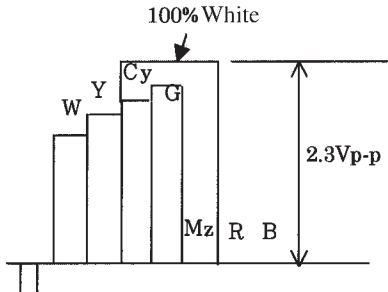
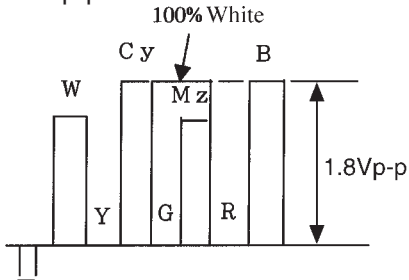
	Adjustment	Adjustment conditions	Adjustment method
1	Brightness adjustment (N358 BRIGHTNESS Item)	1. Input the NTSC standard color bar to AV1. 2. Connect the oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust N358 BRIGHTNESS, and adjust the black level of G output so as to get DC $0.35 \pm 0.05V$. 
2	R CUTOFF adjustment (R CUTOFF Item)	1. Input the NTSC standard color bar to AV1. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP819 (IC315, pin1, R output).	1. Adjust R CUTOFF so as to equalize the black levels of green and red.

3	B CUTOFF adjustment (B CUTOFF Item)	<ol style="list-style-type: none"> 1. Input the NTSC standard color bar to AV1. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP820 (IC316, pin1, B output). 	<ol style="list-style-type: none"> 1. Adjust B CUTOFF so as to equalize the black levels of green and blue.
4	Unicolor adjustment (N358 UNICOLOR Item)	<ol style="list-style-type: none"> 1. Input the NTSC standard color bar to AV1. 2. Connect the oscilloscope to TP821 (IC316, pin7, G output). 	<ol style="list-style-type: none"> 1. Adjust N358 UNICOLOR so as to get $2.3 \pm 0.1\text{Vp-p}$ between the 100% white and GND. 
5	R DRIVE adjustment (R DRIVE Item)	<ol style="list-style-type: none"> 1. Input the NTSC standard color bar to AV1. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP819 (IC315, pin1, R output). 	<ol style="list-style-type: none"> 1. Adjust so as to get 100% white level identical with that of green. 
6	B DRIVE adjustment (B DRIVE Item)	<ol style="list-style-type: none"> 1. Input the NTSC standard color bar to AV1. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP820 (IC316, pin1, B output). 	<ol style="list-style-type: none"> 1. Adjust so as to get 100% white level identical with that of green. 
7	Colour level adjustment (N358 SCOLOR Item)	<ol style="list-style-type: none"> 1. Input the NTSC standard color bar to AV1. 2. Connect the oscilloscope to TP820 (IC316, pin1, B output). 	<ol style="list-style-type: none"> 1. Adjust N358 SCOLOR so as to get the color bar signal blue amplitude (GND - peak level) equal to $1.8\text{V} \pm 0.1\text{Vp-p}$. 
8	Tint adjustment (N358 TINT Item)		<ol style="list-style-type: none"> 1. DAC value is set in "67".

6-6-3. PAL signal adjustment

	Adjustment	Adjustment conditions	Adjustment method
1	PAL/SECAM OSC adjustment (PAL/SECAM OSC)	1. Input the PAL standard color bar to AV1.	1. Adjust PAL/SECAM OSC so that the screen becomes clear.
2	Brightness adjustment (PAL BRIGHTNESS)	1. Input the PAL standard color bar to AV1. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust PAL BRIGHTNESS, and adjust the black level of G output so as to get DC 0.35±0.05V. 
3	Unicolor adjustment (PAL UNICOLOR)	1. Input the PAL standard color bar to AV1. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust PAL UNICOLOR so as to get 2.3±0.05Vp-p between the 100% white and GND. 
4	Color level adjustment (PAL SCOLOR)	1. Input the PAL standard color bar to AV1. 2. Connect oscilloscope to TP820 (B output).	1. Adjust PAL SCOLOR so as to get the color bar signal blue amplitude (GND - peak level) equal to 1.8V ± 0.1Vp-p. 
5	Tint adjustment (PAL TINT)		1. DAC value is set in "62".
6	Scanning conversion oscillation adjustment (L4101)	1. Short-circuit between TP4101 and GND. 2. Connect frequency counter TP4102 and GND.	1. Adjust the frequency to 15.625±0.01kHz by rotating L4101.
7	PAL-Y level adjustment (R4162)	1. Input the PAL standard color bar to AV1. 2. Connect oscilloscope to TP802 (B output).	1. Adjust between GND and the white 100% to 2.3V.

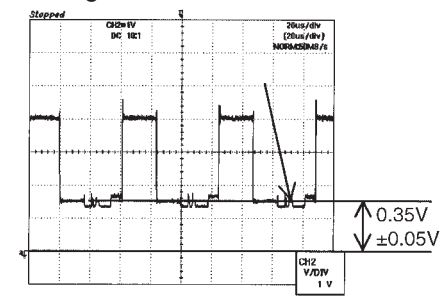
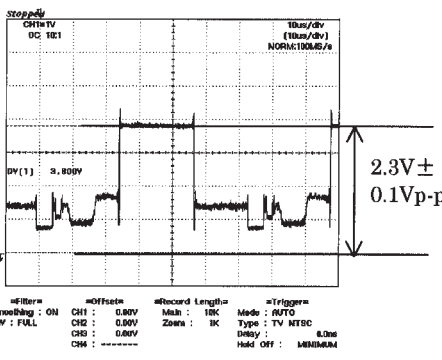
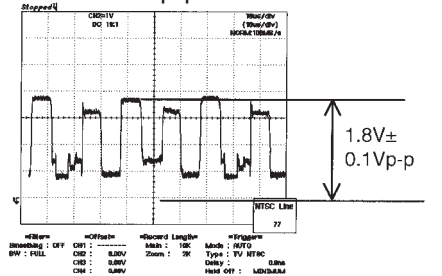
6-6-4. SECAM signal adjustment

	Adjustment	Adjustment conditions	Adjustment method
1	BELL f0 adjustment (BELL F0)	1. Connect the oscilloscope to TP2851.	1. Adjust BELL f0 so that the level of a becomes the minimum. 
2	Brightness adjustment (SECAM BRIGHTNESS)	1. Input the SECAM standard color bar to AV1. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust SECAM BRIGHTNESS, and adjust the black level of G output to $DC 0.35 \pm 0.05V$. 
3	Unicolor adjustment (SECAM UNICOLOR)	1. Input the SECAM standard color bar to AV1. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust SECAM UNICOLOR so as to get $2.3 \pm 0.05V_{p-p}$ between the 100% white and GND. 
4	Color level adjustment (SECAM COLOR)	1. Input the SECAM standard color bar to AV1. 2. Connect oscilloscope to TP820 (B output).	1. Adjust SECAM COLOR so as to get the color bar signal blue amplitude (GND - peak level) equal to $1.8V \pm 0.1V_{p-p}$. 
5	Tint adjustment (SECAM TINT)		1. DAC value is set in "58".

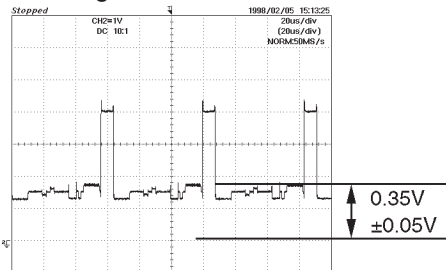
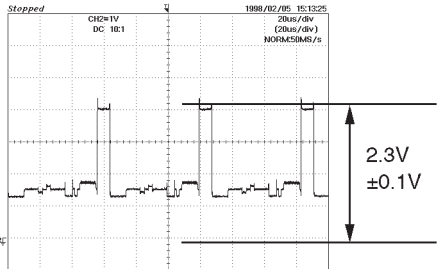
6-6-5. Data copy

	Adjustment	Adjusting conditions	Adjusting method
1	Data copy	1. A sound volume key is pushed.	1. If it is displayed with SEND and displayed with WAIT, completion (Data copies the adjustment value of the PAL item on each item of N443, PAL-M.

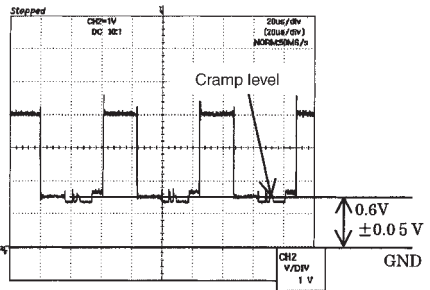
6-6-6. N443, PAL-M signal adjustment (Actual adjustment manipulation is unnecessary because PAL data is copied by the data copy manipulation of the former term.)

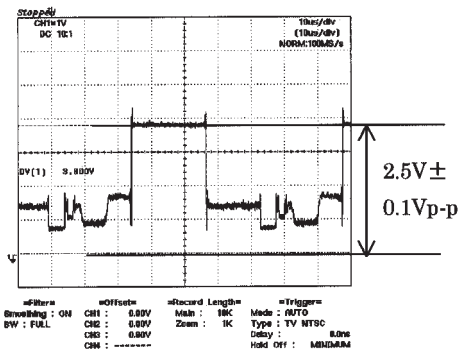
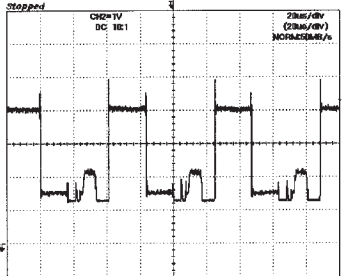
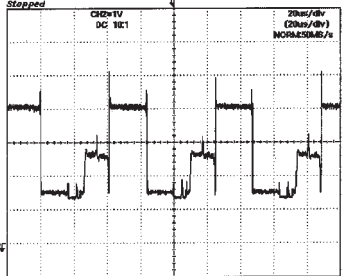
	Adjustment	Adjusting conditions	Adjusting method
1	Brightness adjustment (N443, PAL-M BRIGHTNESS Item)	1. Input the NTSC standard color bar to AV1. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust N443 BRIGHTNESS, and adjust the black level of G output so as to get $0.35 \pm 0.05V$. 
2	Unicolor adjustment (N443, PAL-M UNICOLOR Item)	1. Input the NTSC standard color bar to AV1. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust TV UNICOLOR so as to get $2.3 \pm 0.1V_{p-p}$ between the 100% white and GND. 
3	Color level adjustment (N443, PAL-M SCOLOR Item)	1. Input the NTSC standard color bar to AV1. 2. Connect oscilloscope to TP820 (IC316, pin1, B output).	1. Adjust N443 SCOLOR so as to get the color bar signal blue amplitude (GND level - peak level) equal to $1.8V \pm 0.1V_{p-p}$. 
4	Tint adjustment (N443, PAL-M TINT Item)		1. DAC value is set in "62".

6-6-7. Component (50/60Hz) input adjustment

	Adjustment	Adjusting conditions	Adjusting method
1	Brightness adjustment (DVD 50/60 BRIGHTNESS Item)	1. From SG, input the 100% white color bar signal of PAL into component terminal. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust DVD 50/60 BRIGHTNESS, and adjust the black level of G output so as to get DC $0.35 \pm 0.05V$. 
2	Unicolor adjustment (DVD 50/60 UNICOLOR Item)	1. From SG, input the 100% white colour bar signal of PAL into component terminal. 2. Connect oscilloscope to TP820 (IC316, pin1, B output).	1. Adjust DVD 50/60 UNICOLOR so as to get $2.3 \pm 0.1V$ p-p between the 100% white and GND. 
3	Color level adjustment (DVD 50/60 COLOR Item)		1. DAC value is set in "61".
4	Tint adjustment (DVD 50/60 TINT Item)		1. DAC value is set in DVD 60 TINT "67" DVD 50 TINT "62".

6-6-8. RGB signal adjustment

	Adjustment	Adjusting conditions	Adjusting method
1	RGB Brightness adjustment (RGB BRIGHTNESS Item)	1. Input the test pattern to RGB. 2. Connect oscilloscope to TP821 (IC316, pin7, G output).	1. Adjust RGB BRIGHTNESS, and adjust the black level of G output so as to get DC $0.6 \pm 0.05V$. 
2	RGB R CUTOFF adjustment (RGB R CUTOFF off Item)	1. Input the test pattern to RGB. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP819 (IC315, pin1, R output).	1. Adjust RGB R CUTOFF so as to equalize the black levels of green and blue.
3	RGB B CUTOFF adjustment (RGB B CUTOFF off Item)	1. Input the test pattern to RGB. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP820 (IC316, pin1, B output).	1. Adjust RGB B CUTOFF so as to equalize the black levels of green and blue.

4	RGB Contrast adjustment (RGB CONTRAST Item)	<ol style="list-style-type: none"> 1. Input the test pattern to RGB. 2. Connect the oscilloscope to TP821 (IC316, pin7, G output). 	<ol style="list-style-type: none"> 1. Adjust RGB CONTRAST so as to get 2.5 ± 0.1 Vp-p between the 100% white and GND. 
5	RGB R DRIVE adjustment (RGB R DRIVE Item)	<ol style="list-style-type: none"> 1. Input the test pattern to RGB. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP819 (IC315, pin1, R output). 	<ol style="list-style-type: none"> 1. Adjust so as to get 100% white level identical with that of green. 
6	RGB B DRIVE adjustment (RGB B DRIVE Item)	<ol style="list-style-type: none"> 1. Input the test pattern to RGB. 2. Connect CH1 of the oscilloscope to TP821 (IC316, pin7, G output). 3. Connect CH2 of the oscilloscope to TP820 (IC316, pin1, B output). 	<ol style="list-style-type: none"> 1. Adjust so as to get 100% white level identical with that of green. 

6-6-9. Finished adjustment

(1)N358 finished adjustment

	Adjustment	Adjusting conditions	Adjusting method
1	Confrontation bias adjustment (The 12th-page COM Item)	1. A confrontation adjustment pattern is displayed.	1. It is adjusted so that the flicker of the image plane may stop in the confrontation adjustment pattern.
2	Black level adjustment (The 12th-page N358 BRIGHTNESS Item)	1. A JA-5CH signal is displayed.	1. It confirms that the third gradation is a cut-off point from the left of the gradation pattern.
3	White balance adjustment (The 12, 13th-page N358 R CUTOFF N358 B CUTOFF N358 R DRIVE N358 B DRIVE Item)	1. A JA-6CH signal is displayed.	1. White balance in comparison with the Typ monitor.

(2)PAL finished adjustment

	Adjustment	Adjusting conditions	Adjusting method
1	Black level adjustment (The 14th-page PAL BRIGHTNESS Item)	1. Set is set in the compulsion PAL mode. 2. A JA-5CH signal is displayed.	1. It confirms that the third gradation is a cut-off point from the left of the gradation pattern.

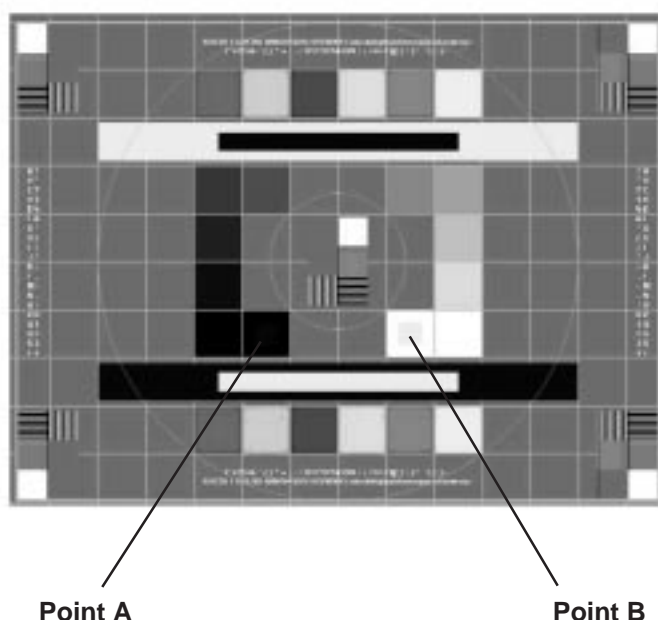
(3)DATA Copy

A sound volume key is manipulated in accordance with the data copy item.

Data is copied on each item of N443, PAL-M the adjustment value of the PAL item.

(4)RGB finished adjustment

	Adjustment	Adjusting conditions	Adjusting method
1	Black level contrast confirmation (The 4th-page RGB BRIGHTNESS RGB CONTRAST Item)	1. The test pattern of the figure 1 is displayed.	1. 5 step RGB BRIGHTNESS value is given to it by the figure 1 A point more than a cut-off. 2. 5 step RGB CONTRAST value is lowered by the figure 1 B point more than white level saturation.

Figure 1**6-7. Monitor default settings**

(1) Press the default setting key on the remote control after turning on the power switch.

"SETTING COMPLETE" appears on the screen.

The setting details are as follows:

CONTRAST	CENTER
BRIGHTNESS	CENTER
COLOR	CENTER
TINT	CENTER
BACK LIGHT	AUTO
COLOR SYSTEM	AUTO

7. INTEGRATED CIRCUIT TERMINAL ARRANGEMENTS

7-1. IC2001 (QFP, 80pins) MICRO CONTROLER

Terminal No.	Terminal name	I/O	Function	Type
1	N. C	—		—
2	N. C	—		—
3	SCL	I/O	I ² C bus serial clock line	OD
4	SDA	I/O	I ² C bus serial data line	OD
5	H PDET	I	Headphon input pickup	OD
6	DCLK	O	Clock for communication	OD
7	DOUT	O	Data output for communication	OD
8	DIN	I	Data input for communication	OD
9	FS MUT	O	Front speaker MUTE output	OD
10	RS MUT	O	Rear speaker MUTE output	OD
11	N. C	—		—
12	N. C	—		—
13	CSYNC	I	Composite sync signal input	OD
14	KEY1	I	Key input 1	OD
15	REQ	O	“H” in SECAM mode, “L” in other modes.	PP
16	GAEN	I	G/A read enable	PP
17	MRDY	I	I ² C bus opening/connection selection input	OD
18	SIN	I	232C data input	OD
19	SCLK	I/O	232C clock signal	PU
20	SOUT	O	232C data output	OD
21	N. C	—		—
22	5 VIN	I	DC/DC5V voltage input	OD
23	SCAN	O	PAL scanning line switching	OD
24	LMUTE	O	Lineout-Mute output	OD
25	N. C	—		—
26	N. C	—		—
27	CNV s s		GND connection	—
28	φ	O	Timing output	PP
29	RESET	I	Change to “Reset mode” in “L” state	—
30	Xin	I	Microcomputer oscillator connection	—
31	Xout	O	Microcomputer oscillator connection	—
32	V s s	I	GND terminal	—
33	STB	O	Microcomputer power OFF output	PP
34	POWOUT	O	DC/DC control output	PP
35	COCS	O	G/A chip selection output	PP
36	DACS	O	D/A chip selection output	PP
37	DA2CS	O	D/A2 chip selection output	PP
38	232CCS	O	232C chip selection output	PP
39	N. C	—		—
40	N. C	—		—
41	L/R	O	When the right and left are reversed: H, Normal: L	PP
42	YC	O	Dynamic YC separation	PP
43	AV/RGB	O	Analog SW selection 2	PP
44	Y/COM	O	Analog SW selection 3	PP
45	IN/OUT	O	Video 2 input/monitor output switching	PP
46	N358	O	“H” in N358 mode, “L” in other modes.	PP
47	N443	O	“H” in N443 mode, “L” in other modes.	PP
48	PAL	O	“H” in PAL mode, “L” in other modes.	PU
49	SECAM	O	“H” in SECAM mode, “L” in other modes.	PU

50	PALM	O	"H" in PALM mode, "L" in other modes.	PP
51	N. C	—		—
52	N. C	—		—
53	N. C	—		—
54	B/W	O	Black and white: H, Others: L	PP
55	N. C	—		—
56	N. C	—		—
57	N. C	—		—
58	PSWIN	I	Power switch input	PP
59	L_ERR	I	Fluorescent light error detection	PP
60	KEY3	I	Key input 3 (For inspection process)	PP
61	KEY4	I	Key input 4 (For adjust process)	PP
62	BLK		OSD blanking output	PP
63	HPMUTE	O	Headphon MUTE	PP
64	N. C	—		—
65	N. C	—		—
66	B OUT	O	B signal output	PP
67	G OUT	O	G signal output	PP
68	R OUT	O	R signal output	PP
69	Vsync	I	OSD virtical sync signal input	—
70	Hsync	I	OSD horizontal sync signal input	—
71	N. C	—		—
72	Vcc	I	Positive voltage power terminal	—
73	N. C	—		—
74	OSCI		OSD clock	—
75			OSD clock	PP
76	N. C	—		—
77	IRQ	I	Communication interrupt detection	OD
78	KEY2	I	Key input 2	OD
79	IREM	I	Ir Remotecontrol input	OD
80				PP

7-2. IC1201 LCD CONTROLER

Terminal No.	Symbol	I/O	Voltage	Function block	Function
1	OSD_BK	I	5V		OSD Blanking input (FB SW)
2	OSD_R	I	5V		OSD R signal input
3	OSD_G	I	5V		OSD G signal input
4	OSD_B	I	5V		OSD B signal input
5	OSDVD	O	5V		OSD V output
6	OSDHD	O	5V		OSD H output
7	OSDCK	O	5V		OSD clock output
8	PC_CSY	O	5V	PC_VGA	PC composition synchronous output, Modification
9	GND				
10	VDD5	I	5V		5V power supply terminal
11	OFL	TO	5V	PWM Control	Lamp dimming control output
12	MP_DA	I	5V	Serial I/F	3-wire serial I/F data input signal
13	MP_CK	I	5V	Serial I/F	3-wire serial I/F clock input signal
14	MP_CS	I	5V	Serial I/F	3-wire serial I/F chip selection input signal
15	MP_RCS	O	5V	Serial I/F	Serial I/F READ CS signal
16	MP_RDA	O	5V	Serial I/F	Serial I/F READ data signal
17	CSYNC	I	5V	VIDEO PLL	Composit signal input
18	PDP	TO	5V	VIDEO PLL	PLL control signal output
19	GND				
20	OSCI	I	5V	VIDEO PLL	PLL ocsillation input
21	OSCO	O	5V	VIDEO PLL	PLL ocsillation output $I_{OL}=3.0\text{Ma}$
22	VDD5		5V		5V power supply terminal
23	GND				
24	OHSYN	O	5V	VIDEO PLL	OHSYN=CSYNC*FREE*POL $I_{OL}=1.0\text{mA}$
25	DVDO	O	5V	Sync signal process	Digital sync separation output $I_{OL}=1.0\text{mA}$
26	VSYN	I	5V	Sync signal process	Virtual sync signal , Digital countdown input
27	GST	I	5V	LCD TIMING	Reset input terminal
28	GND				
29	REV	O	5V	LCD TIMING	Gradation power supply, inversion timing $I_{OL}=1.0\text{mA}$
30	REVV0	O	5V	LCD TIMING	Common inversion timing $I_{OL}=1.0\text{mA}$
31	GSP1	TO	5V	LCD TIMING	Gate, SPS signal $I_{OL}=1.0\text{mA}$
32	GCK	TO	5V	LCD TIMING	Gate, CLS signal output $I_{OL}=1.0\text{mA}$
33	GND				
34	OOR7	O	3V	RGB gradation process	RED signal output (MSB)
35	OOR6	O	3V	RGB gradation process	
36	OOR5	O	3V	RGB gradation process	
37	OOR4	O	3V	RGB gradation process	
38	OOR3	O	3V	RGB gradation process	
39	OOR2	O	3V	RGB gradation process	
40	PC_HSY	I	3V		PC VGA HSYNC INPUT
41	PC_VSY	I	3V		PC VGA VSYNC INPUT
42	GND				
43	OOG7	O	3V	RGB gradation process	GREEN signal output (MSB)
44	OOG6	O	3V	RGB gradation process	
45	OOG5	O	3V	RGB gradation process	
46	OOG4	O	3V	RGB gradation process	
47	OOG3	O	3V	RGB gradation process	
48	OOG2	O	3V	RGB gradation process	
					GREEN signal output (LSB)

Terminal No.	Symbol	I/O	Voltage	Function block	Function
49	GND	O	3V		
50	VDD	O	3V		
51	HDCK	O	3V	LCD TIMING	Not used $I_{OL}=3.0mA$
52	OCK	O	3V	LCD TIMING	SOURCE driver clock $I_{OL}=3.0mA$
53	GND				
54	OOB7	O	3V	RGB gradation process	BLUE signal output (MSB)
55	OOB6	O	3V	RGB gradation process	
56	OOB5	O	3V	RGB gradation process	
57	OOB4	O	3V	RGB gradation process	
58	OOB3	O	3V	RGB gradation process	
59	OOB2	O		RGB gradation process	
60	GND				BLUE signal output (LSB)
61	REF_CK1	I	3V		Reference clock input
62	VGA_PDP	O	5V		Phase comparison waveform for PC
63	VGA_CLK	I	5V		Clock for PC
64	VGA_HS	O	5V		Horizontal synch signal for PC_PLL
65	GND				
66	SPLS	TO	3V	LCD TIMING	Sampling start signal (Note 1)
67	SPRS	TO	3V	LCD TIMING	Sampling start signal (Note 1)
68	LBR	O	3V	LCD TIMING	Horizontal scan direction switching signal (Note 1)
69	HGO	O	3V	LCD TIMING	SOURCE driver timing signal
70	POWER	O	5V	LCD TIMING	Power signal
71		I	5V	Common	
72	GND				
73	U/D	O	5V		An up-down inversion signal
74	TM1	O	3V		
75	TM2	O	3V	LCD TIMING	Gate U/D
76	VDD		3V		
77	GND				
78	R7	I	3V	RGB gradation process	RED input (LSB)
79	R6	I	3V	RGB gradation process	
80	R5	I	3V	RGB gradation process	
81	R4	I	3V	RGB gradation process	
82	R3	I	3V	RGB gradation process	
83	R2	I	3V	RGB gradation process	
84	R1	I	3V	RGB gradation process	RED signal input (MSB)
85	R0	I	3V	RGB gradation process	
86	GND	I	3V		
87	G7	I	3V	RGB gradation process	GREEN signal input (LSB)
88	G6	I	3V	RGB gradation process	
89	G5	I	3V	RGB gradation process	
90	G4	I	3V	RGB gradation process	
91	G3	I	3V	RGB gradation process	
92	G2	I	3V	RGB gradation process	
93	G1	I	3V	RGB gradation process	GREEN signal input (MSB)
94	G0	I	3V	RGB gradation process	
95	TM3	O			
96	TM4	O			
97	GND				
98	TST8	I	3V	Test signal(Internal PD)	

Terminal No.	Symbol	I/O	Voltage	Function block	Function
99	TST7	I	3V	Test signal(Internal PD)	
100	TST6	I	3V	Test signal(Internal PD)	
101	TST5	I	3V	Test signal(Internal PD)	
102	TST4	I	3V	Test signal(Internal PD)	A/D clock terminal input/output switching for test
103	TST3	I	3V	Test signal(Internal PD)	
104	TST2	I	3V	Test signal(Internal PD)	
105	TST1	I	3V	Test signal(Internal PD)	
106	TSH	I	3V	Horizontal synch signal for test	
107	GND				
108	ADCK	I/O	3V	VIDEO PLL	A/D clock output
109	TST9	I	3V		
110	PC_VD	I	3V	Common	SPLS, SPRS polarity setting
111	SECAM	O	3V	Common	
112	VDD		3V		
113	GND				
114	B7	I	3V	RGB gradation process	BLUE signal input (LSB)
115	B6	I	3V	RGB gradation process	
116	B5	I	3V	RGB gradation process	
117	B4	I	3V	RGB gradation process	
118	B3	I	3V	RGB gradation process	
119	B2	I	3V	RGB gradation process	
120	B1	I	3V	RGB gradation process	
121	B0	I	3V	RGB gradation process	BLUE signal input (MSB)
122	GND				
123	OCVD	O	3V	Sync signal process	Vertical synch signal, Digital countdown output
124	TSV	I	3V	LCD TIMING	Vertical synch signal input
125	ETWEN	I	5V	LCD TIMING	External MBK signal input (Scanning conversion PWB)
126	TI	I	3V	LCD TIMING	15.1" support
127	PMODE	I	3V	LCD TIMING	SPLS, SPRS polarity setting
128	GND				

7-3. IC7001 (100pin, QFP) 3D Y/C

Terminal No.	Symbol	I/O	Level	Buffer Type PU/PD[kΩ]	Function
1, 40, 55,80	DGND	-	-		Digital section ground
45, 64, 100	DVDD	-	-		Digital section power supply
98	MRAS	O	TTL	1mA	RAS output for external EDO memory (Active Low)
99	MA8	O	TTL	1mA	Address output for external EDO memory
2-9	MA7-MA0	O	TTL	1mA	Address output for external EDO memory
10	MCAS	O	TTL	1mA	CAS output for external EDO memory (Active Low)
11	MWE	O	TTL	1mA	WE output for external EDO memory (Active Low)
12	MOE	O	TTL	1mA	OE output for external EDO memory (Active Low)
13-28	MIO15- MIO0	I/O	TTL Tin-state	1mA/5V withstand voltage	Data input/output for external EDO memory
29	DGND	-	-		fsc generator,digital section ground
30	XI	I	-		fsc generator,reference clock input (Connect Xtal)
31	XO	O	-		fsc generator,reference clock reverse output (Connect Xtal)
32	DVDD	-	-		fsc generator,digital section power supply
33-36	HO3-HO0 (MSB)-(LSB)	O	TTL Tin-state	1mA	Data output for external field memory (Open when not used)
37	HWCK	O	TTL Tin-state	3mA	Write clock output for external field memory (Open when not used)
38	HRCK	O	TTL Tin-state	3mA	Read clock output for external field memory (Open when not used)
39	HRST	O	TTL Tin-state	1mA	Reset signal output for external field memory (Open when not used)
41-44	HI3-HI0 (MSB)-(LSB)	I	TTL	5V withstand voltage	Input for external field memory (GND connection when not used)
46	AVDD	-	-		fsc generator, DAC section power supply
47	FSCO	-	Analog		fsc generator, fsc output
48	AGND	-	-		fsc generator, DAC section ground
49	AGND	-	-		8fsc-PLL, ground
50	FSCI	-	Analog		8fsc-PLL, fsc input
51	CPLL	-	-		8fsc-PLL, filter output (GND connection)
52	RPLL	I	Schmitt	PU:50	Test input (GND connection)
53	AVDD	-	-		8fsc-PLL section power supply
54	CKMD	I	TTL	5V withstand voltage PD:50	CLK8 test mode selection (L: Normal, H: Test mode)(GND connection)
56	CLK8	O/I	TTL Tin-state	3mA/5V withstand voltage	8fsc clock output (8fsc clock input in the CLK8 test mode)
57	RSTB	I	Schmitt	5V withstand voltage PU:50	System reset input (Active Low) (Input of active low reset pulse from external)

Terminal No.	Symbol	I/O	Level	Buffer Type PU/PD[kΩ]	Function
58	SLA0	I	TTL	5V withstand voltage PD:50	I ² C bus slave address selection input (L: B8/B9h, H: BA/BBh)
59	SCL	I	Schmitt	5V withstand voltage	I ² C bus clock input (Connect to system's SCL line)
60	SDA	I/O	Schmitt Not Open drain	5mA/5V withstand voltage	I ² C bus data input/output (Connect to system's SDA line)
61	ST0	O	TTL	1mA	Internal signal monitor output
62	ST1	O	TTL	1mA	Internal signal monitor output
63	NSTD	O	TTL	1mA	Nonstandard detection monitor output (L: Standard decision H: Nonstandard decision)
65, 66	DYCO0-DYCO1 (LSB)-(MSB)	I/O	TTL	1mA/5V withstand voltage	EXADINS=0: Digital YC signal alternate output (lower 2-bit) EXADINS=1: Test input (GND connection through resister)
67-74	DYCO2-DYCO9 (LSB)-(MSB)	I/O	TTL	1mA/5V withstand voltage	EXADINS=0: Digital YC signal alternate output (upper 8-bit) EXADINS=1: 8-bit data input for external Y-ADC
75	ALTF	O	TTL	1mA	EXADINS=0: Digital YC signal alternate flag output (L:Y, H:C) EXADINS=1: 4fsc clock output for external Y-ADC
76	CSI	I	Schmitt	5V withstand voltage PD:50	Composite sink input (Active low)
77	TEST	I	TTL	5V withstand voltage PD:50	Test terminal for IC selection (L: Normal operation, H: Test mode) (GND connection)
78	LINE	I	TTL	5V withstand voltage PD:50	Forced line process selection input (L: Normal process, H: Forced line process)
79	KIL	I	TTL	5V withstand voltage PD:50	External killer input (L: Normal process, H: Forced YC separation stop)
81	AVDD	-	-		Y-DAC, C-DAC power supply
82	CBPC	O	Analog		C-DAC phase compensation output
83	ACO	O	Analog		C-DAC analog C signal output
84	AYO	O	Analog		Y-DAC analog Y signal output
85	CBPY	O	Analog		Y-DAC phase compensation output
86	AGND	-	-		Y-DAC, C-DAC ground
87	AGND	-	-		Y-ADC ground
88	AYI	I	Analog		Y-ADC analog composite signal /Y signal input
89	VCLY	O	Analog		Y-ADC clamp potential output
90	VRBY	O	Analog		Y-ADC bottom reference voltage output
91	VRTY	O	Analog		Y-ADC top reference voltage output
92	AVDD	-	-		Y-ADC, C-ADC power supply
93	AVDD	-	-		Y-ADC, C-ADC power supply
94	VRTC	O	Analog		C-ADC top reference voltage output

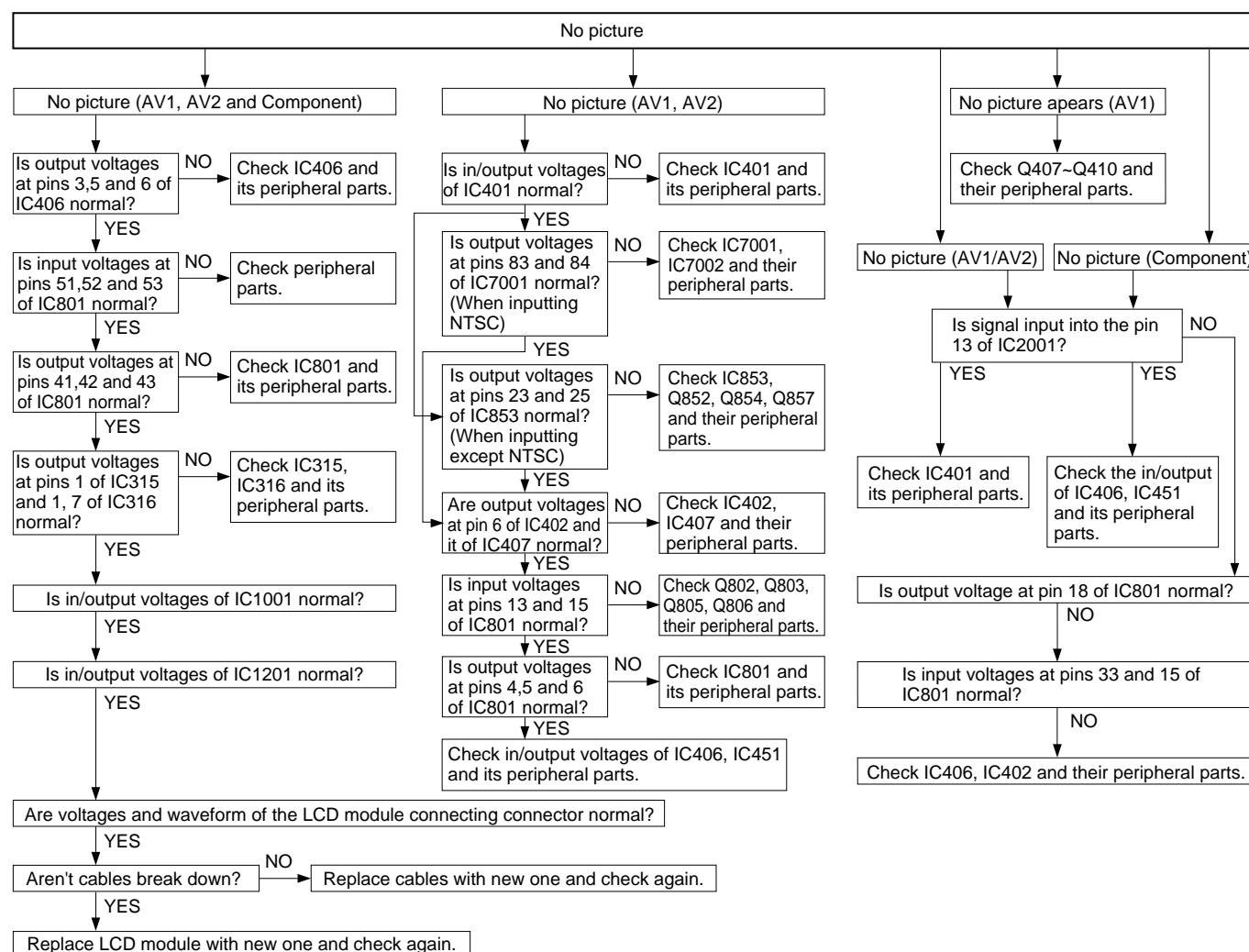
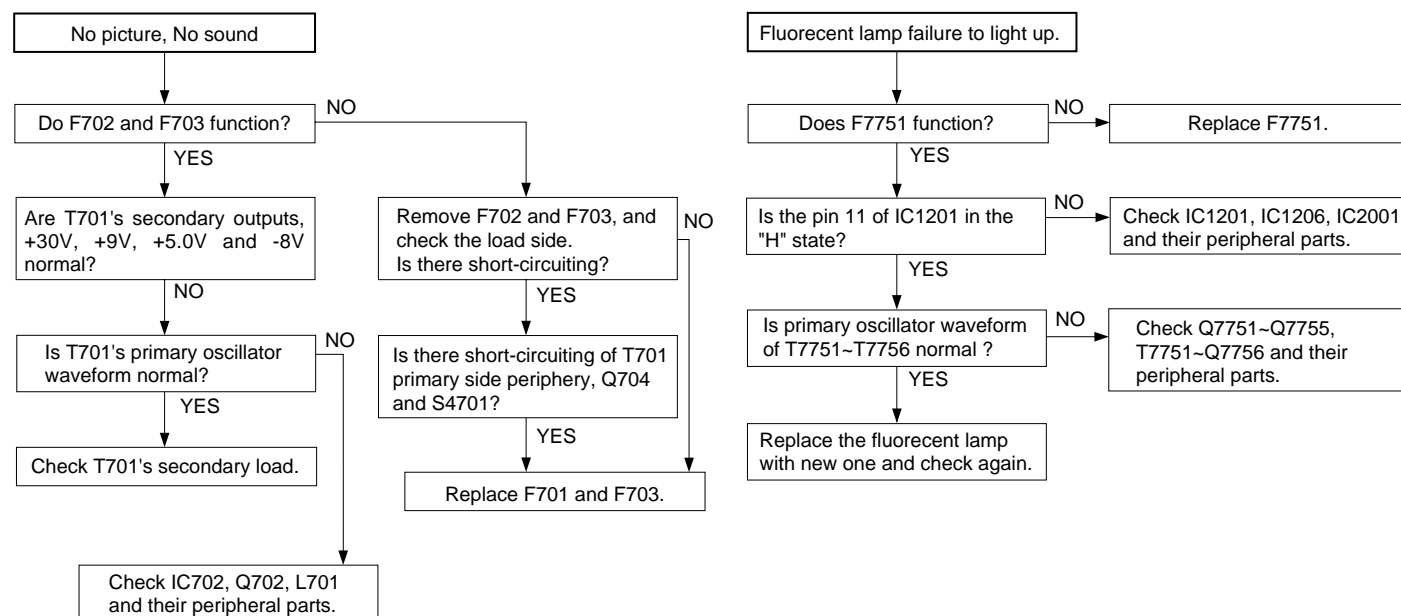
Terminal No.	Symbol	I/O	Level	Buffer Type PU/PD[kΩ]	Function
95	BC	O	Analog		C-ADC bottom reference voltage output
96	ACI	I	Analog		C-ADC analog C signal input
97	AGND	-	-		C-ADC ground

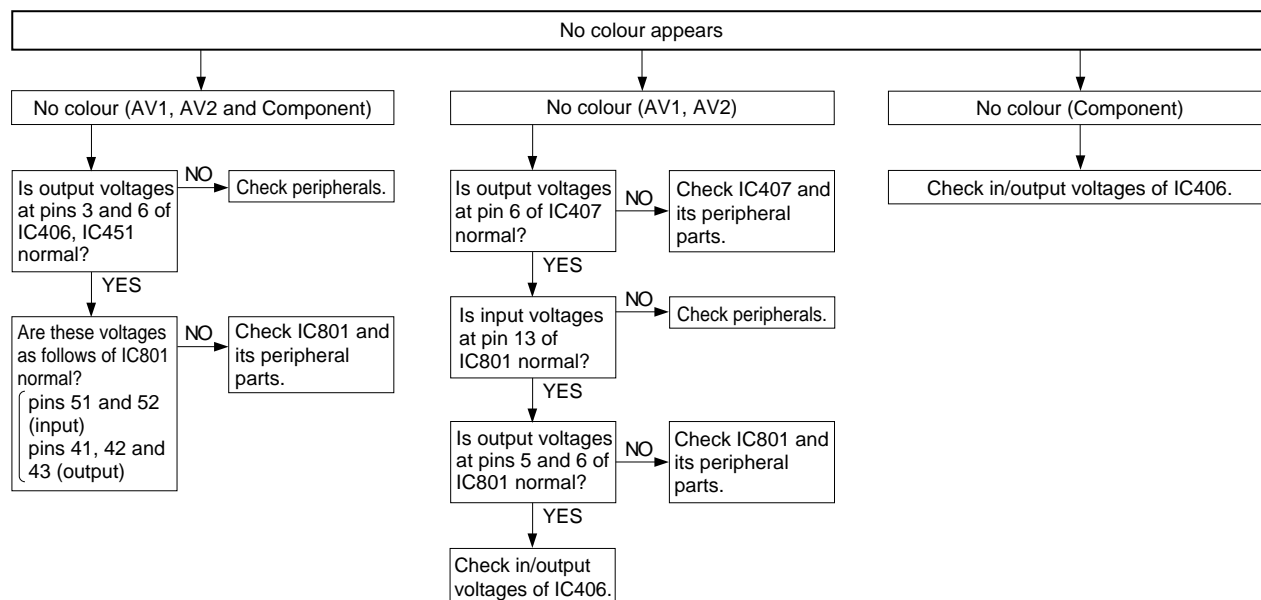
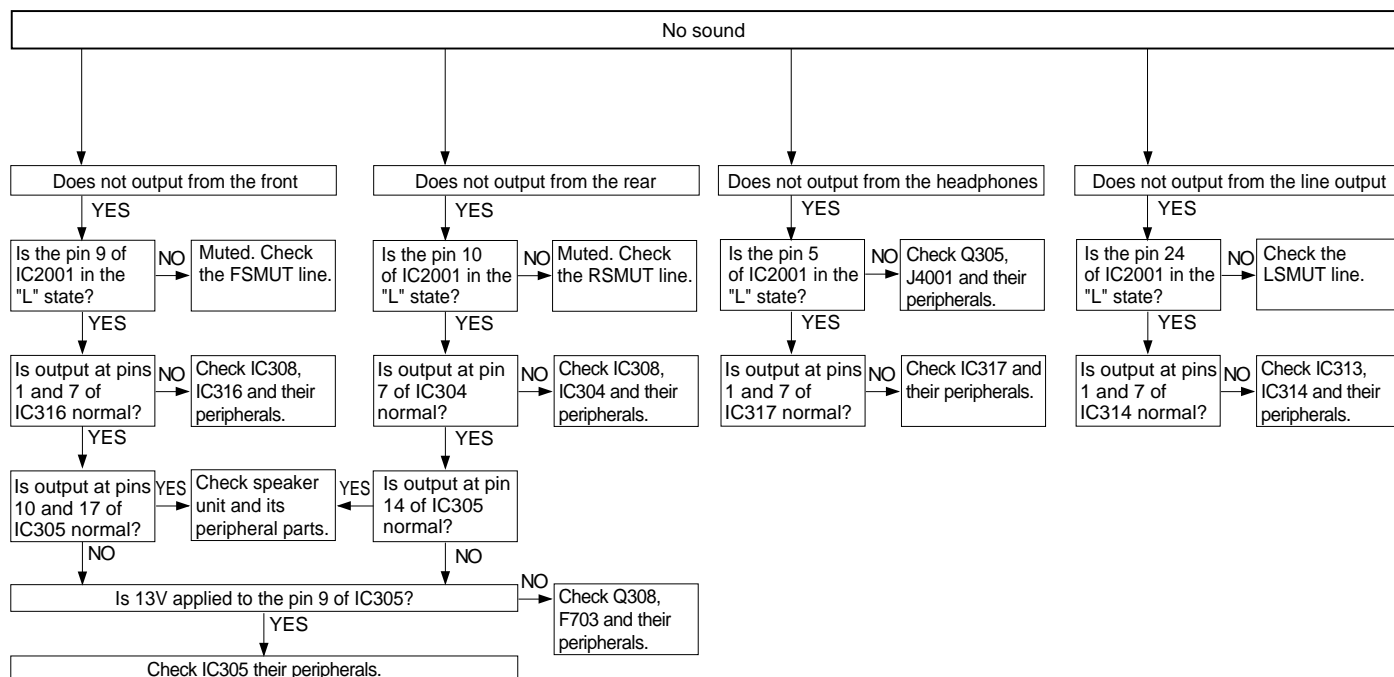
7-4. IC4101 (128pin, QFP)

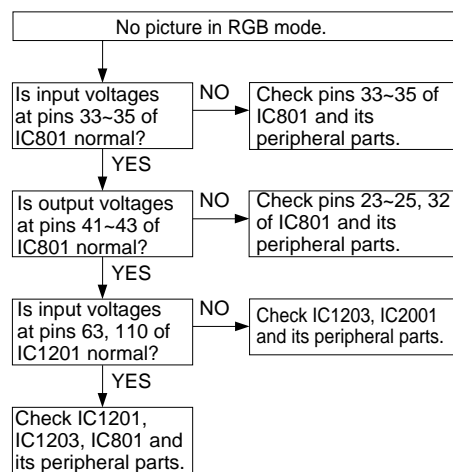
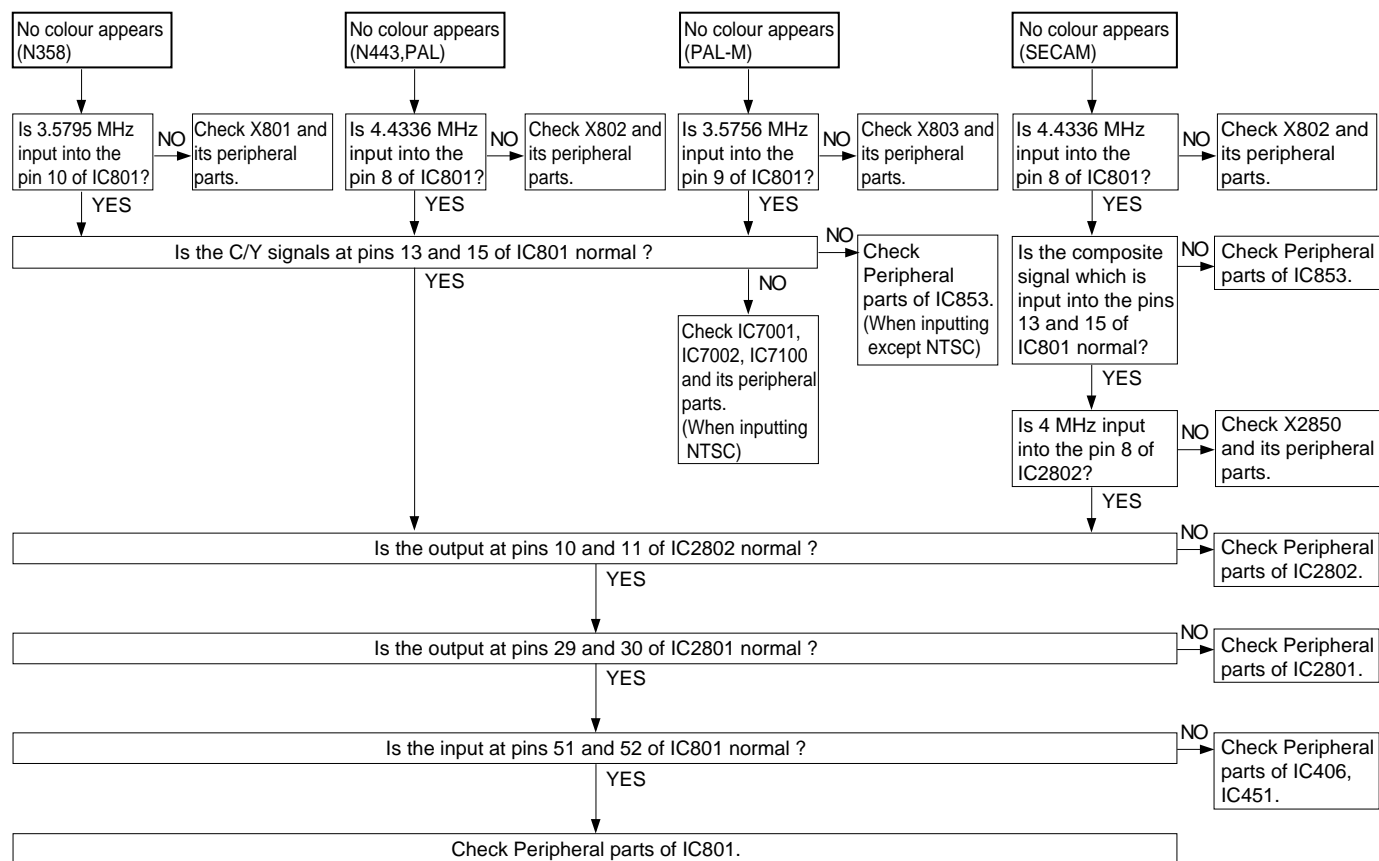
Pin No.	PAD	Pin Name	I/O TYPE	I/O CELL	I/F CELL	Pin No.	PAD	Pin Name	I/O TYPE	I/O CELL	I/F CELL
1	112	VDD (+5V)	P	VDD		43	34	PHDEN	I	IBC	
2	**	* *	*	**		44	35	PLLHD	O	UO1	PDVN
3	**	* *	*	**		45	36	PCLKIN	I	IBC	
4	**	* *	*	**		46	37	VDD (+5V)	P	VDD1	
5	**	* *	*	**		47	38	ADCLK	O	UO3	PDVN
6	1	NRST	I	IBC		48	39	ADCLK2	O	UO1	PDVN
7	2	VSS (GND)	P	VSS1		49	40	VSS (GND)	P	VSS1	
8	3	BDOUT0	O	UO1	PDVN	50	41	ETWDR	O	UO2	PDVN
9	4	BDOUT1	O	UO1	PDVN	51	42	ETRDR	O	UO2	PDVN
10	5	BDOUT2	O	UO1	PDVN	52	43	NHDDLY	O	UO2	PDVN
11	6	BDOUT3	O	UO1	PDVN	53	44	NHDIN	I	IBC	
12	7	BDOUT4	O	UO1	PDVN	54	45	NHDOUT	O	UO2	PDVN
13	8	BDOUT5	O	UO1	PDVN	55	46	VDD (+5V)	P	VDD1	
14	9	BDOUT6	O	UO1	PDVN	56	47	ETCLK	O	UO3	PDVN
15	10	BDOUT7	O	UO1	PDVN	57	48	VSS (GND)	P	VSS1	
16	11	GDOUT0	O	UO1	PDVN	58	49	DLRDR	O	UO2	PDVN
17	12	GDOUT1	O	UO1	PDVN	59	50	PLLHD2	O	UO1	PDVN
18	13	GDOUT2	O	UO1	PDVN	60	51	NVDOUT	O	UO2	PDVN
19	14	VSS (GND)	P	VSS1		61	52	NPDO2	O	UO1	PDV2B
20	15	VDD (+5V)	P	VDD1		62	53	VSS (GND)	P	VSS1	
21	16	GDOUT3	O	UO1	PDVN	63	54	NVCOOU	O	LOT	
22	17	GDOUT4	O	UO1	PDVN	64	55	NVCOIN	I	LIN	IN2
23	18	GDOUT5	O	UO1	PDVN	65	56	VDD (+5V)	P	VDD	
24	19	GDOUT6	O	UO1	PDVN	66	**	* *	*	**	
25	20	GDOUT7	O	UO1	PDVN	67	**	* *	*	**	
26	21	RDOUT0	O	UO1	PDVN	68	**	* *	*	**	
27	22	RDOUT1	O	UO1	PDVN	69	**	* *	*	**	
28	23	RDOUT2	O	UO1	PDVN	70	57	NHDEN	I	IBC	
29	24	RDOUT3	O	UO1	PDVN	71	58	PVDIN	I	IBC	
30	25	RDOUT4	O	UO1	PDVN	72	59	PHDIN	I	IBC	
31	26	RDOUT5	O	UO1	PDVN	73	60	RNIN0	I	IBC	
32	27	RDOUT6	O	UO1	PDVN	74	61	RNIN1	I	IBC	
33	28	RDOUT7	O	UO1	PDVN	75	62	RNIN2	I	IBC	
34	**	* *	*	**		76	63	RNIN3	I	IBC	
35	**	* *	*	**		77	64	RNIN4	I	IBC	
36	**	* *	*	**		78	65	RNIN5	I	IBC	
37	**	* *	*	**		79	66	RNIN6	I	IBC	
38	29	VSS (GND)	P	VSS		80	67	RNIN7	I	IBC	
39	30	PVCOIN	I	LIN	IN2	81	68	RDLIN0	I	IBC	
40	31	PVCOOU	O	LOT		82	69	RDLIN1	I	IBC	
41	32	VDD (+5V)	P	VDD1		83	70	RDLIN2	I	IBC	
42	33	NPDO1	O	UO1	PDV2B	84	71	RDLIN3	I	IBC	

Pin No.	PAD	Pin Name	I/O TYPE	I/O CELL	I/F CELL	Pin No.	PAD	Pin Name	I/O TYPE	I/O CELL	I/F CELL
85	72	RDLIN4	I	IBC		107	90	GDLIN4	I	IBC	
86	73	RDLIN5	I	IBC		108	91	GDLIN5	I	IBC	
87	74	RDLIN6	I	IBC		109	92	GDLIN6	I	IBC	
88	75	RDLIN7	I	IBC		110	93	GDLIN7	I	IBC	
89	76	ETWEN	O	UO2	PDVN	111	94	NCLKIN	I	IBC	
90	77	GNIN0	I	IBC		112	95	BNIN0	I	IBC	
91	78	GNIN1	I	IBC		113	96	BNIN1	I	IBC	
92	79	GNIN2	I	IBC		114	97	BNIN2	I	IBC	
93	80	GNIN3	I	IBC		115	98	BNIN3	I	IBC	
94	81	GNIN4	I	IBC		116	99	BNIN4	I	IBC	
95	82	GNIN5	I	IBC		117	100	BNIN5	I	IBC	
96	83	GNIN6	I	IBC		118	101	BNIN6	I	IBC	
97	84	GNIN7	I	IBC		119	102	BNIN7	I	IBC	
98	**	* *	*	**		120	103	BDLIN0	I	IBC	
99	**	* *	*	**		121	104	BDLIN1	I	IBC	
100	**	* *	*	**		122	105	BDLIN2	I	IBC	
101	**	* *	*	**		123	106	BDLIN3	I	IBC	
102	85	VSS (GND)	P	VSS		124	107	BDLIN4	I	IBC	
103	86	GDLIN0	I	IBC		125	108	BDLIN5	I	IBC	
104	87	GDLIN1	I	IBC		126	109	BDLIN6	I	IBC	
105	88	GDLIN2	I	IBC		127	110	BDLIN7	I	IBC	
106	89	GDLIN3	I	IBC		128	111	NTEST	I	IBC	

8. TROUBLE SHOOTING

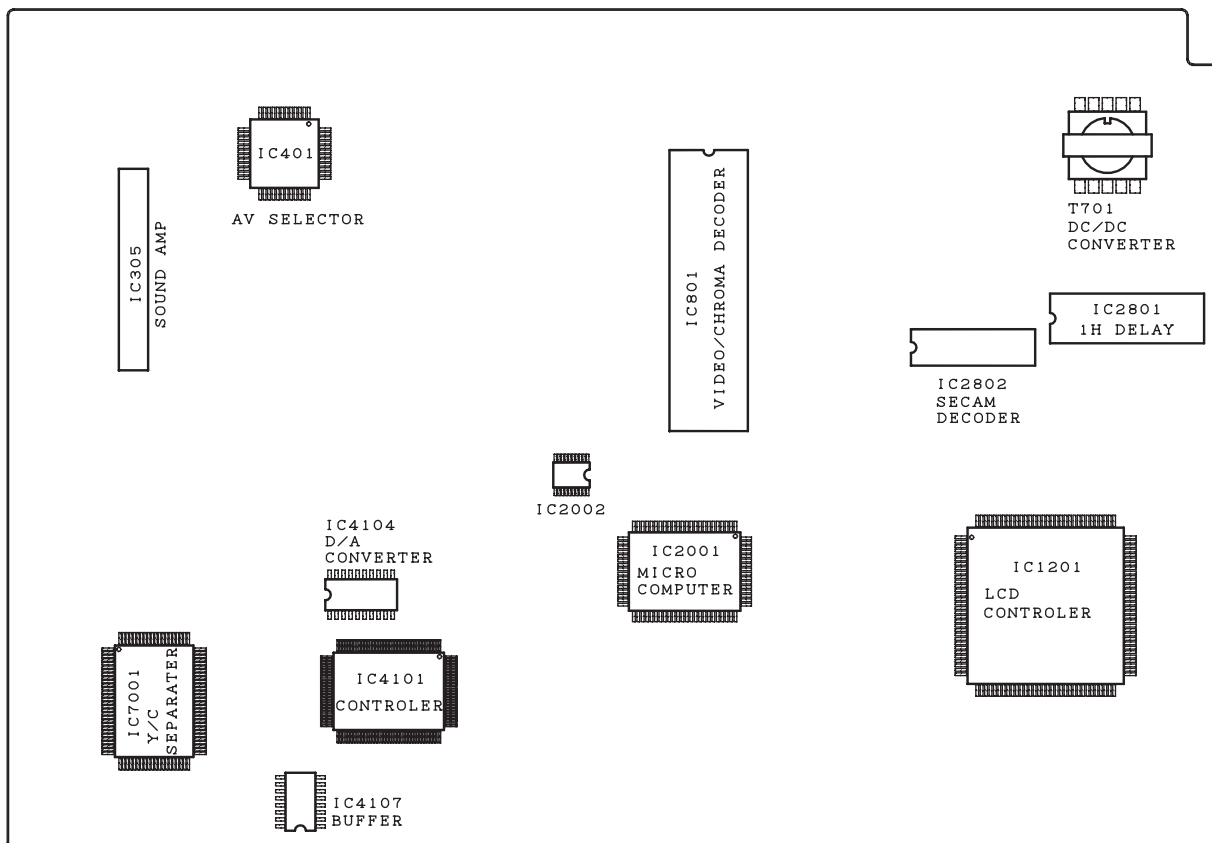




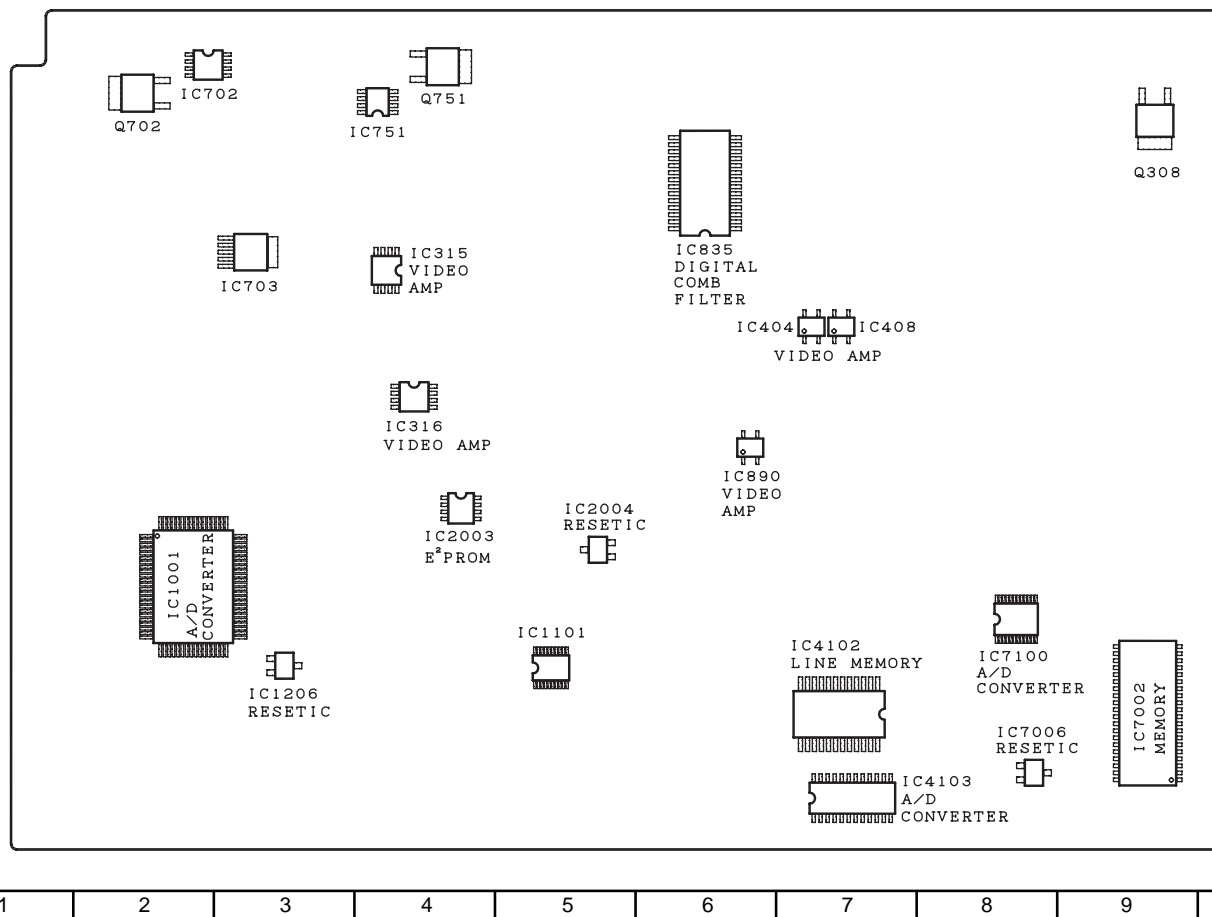


9. CHASSIS LAYOUT

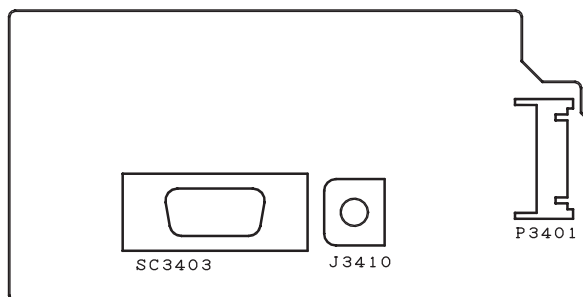
MAIN A



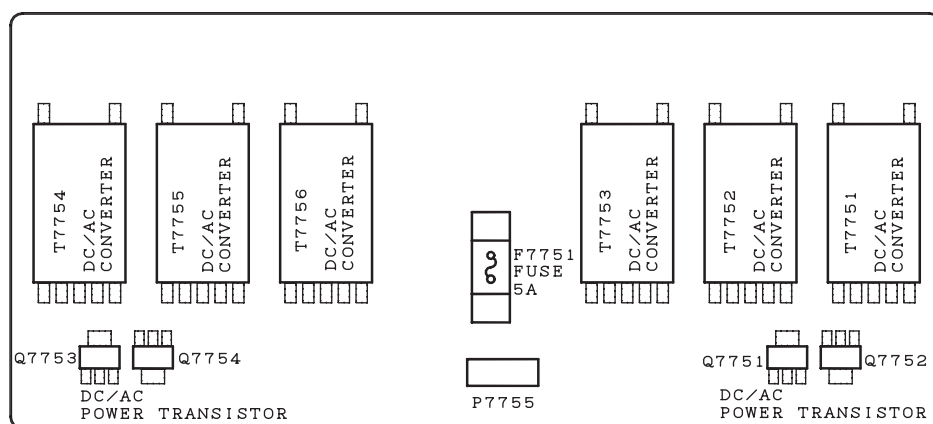
MAIN B



RGB UNIT



INVERTER UNIT



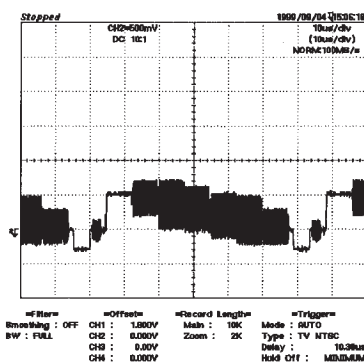
SW UNIT



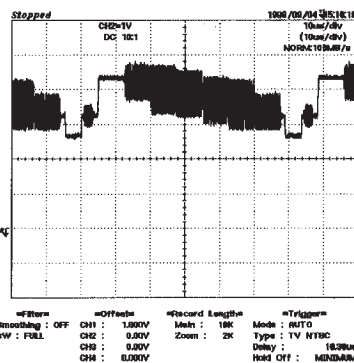
TERMINAL UNIT



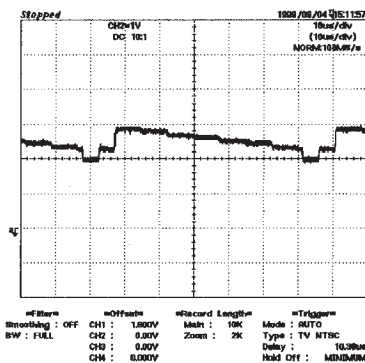
• WAVEFORMS



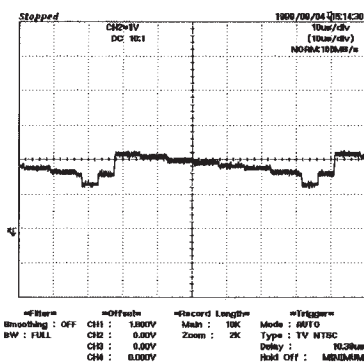
① 500mV/div 10μs/div



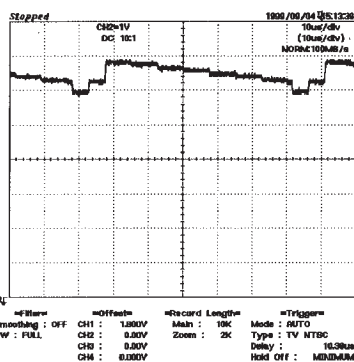
② 1V/div 10μs/div



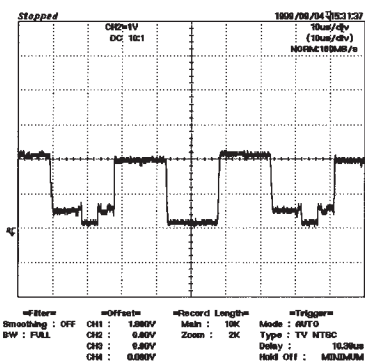
③ 1V/div 10μs/div



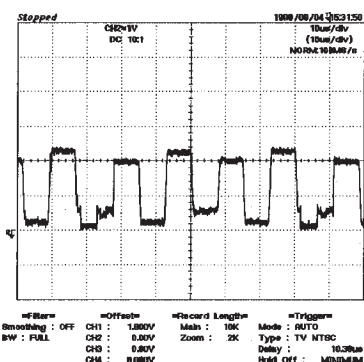
④ 1V/div 10μs/div



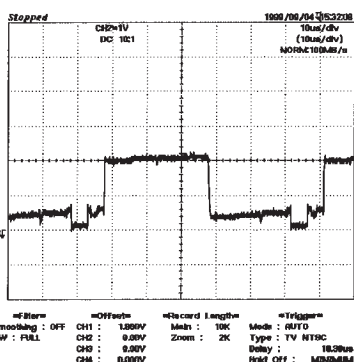
⑤ 1V/div 10μs/div



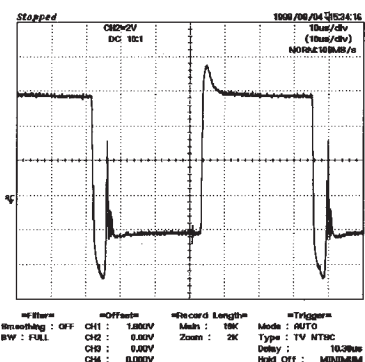
⑥ 1V/div 10μs/div



⑦ 500mV/div 10μs/div



⑧ 1V/div 10μs/div



⑨ 2V/div 10μs/div

• DESCRIPTION OF SCHEMATIC DIAGRAM

1. When the exclusive-use AC adapter is used, the color bar signal of color bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 k Ω /V tester.
2. When the exclusive-use AC adapter is used, the color density, lightness and color hue are set to the center position, and the signal of colour bar generator for service is observed to get waveform.
The waveform test point is indicated with the mark (⓪) in the wiring diagram.

3. Indication of resistors and capacitors

[Resistor]

Unit: Nonindication ... Ω , K ... k Ω ,
M ... M Ω

Error: Nonindication ... $\pm 10\%$
J ... $\pm 5\%$
F ... $\pm 1\%$
D ... $\pm 0.5\%$

[Capacitor]

Unit: Nonindication or μ ... μ F,
P or p ... pF

[Item]

Resistor		Capacitor	
Nonindication	Carbon-film resistor	Nonindication	Ceramic capacitor
Ⓒ	Solid resistor	ML	Mylar capacitor
Ⓔ	Metal-oxide-film resistor	PF	Polypropylene film capacitor
Ⓐ	Metal-film resistor	TA	Tantalum capacitor
Ⓜ	Cement resistor	ST	Styrol capacitor
Ⓣ	Special resistor		

IMPORTANT SAFETY NOTICE:

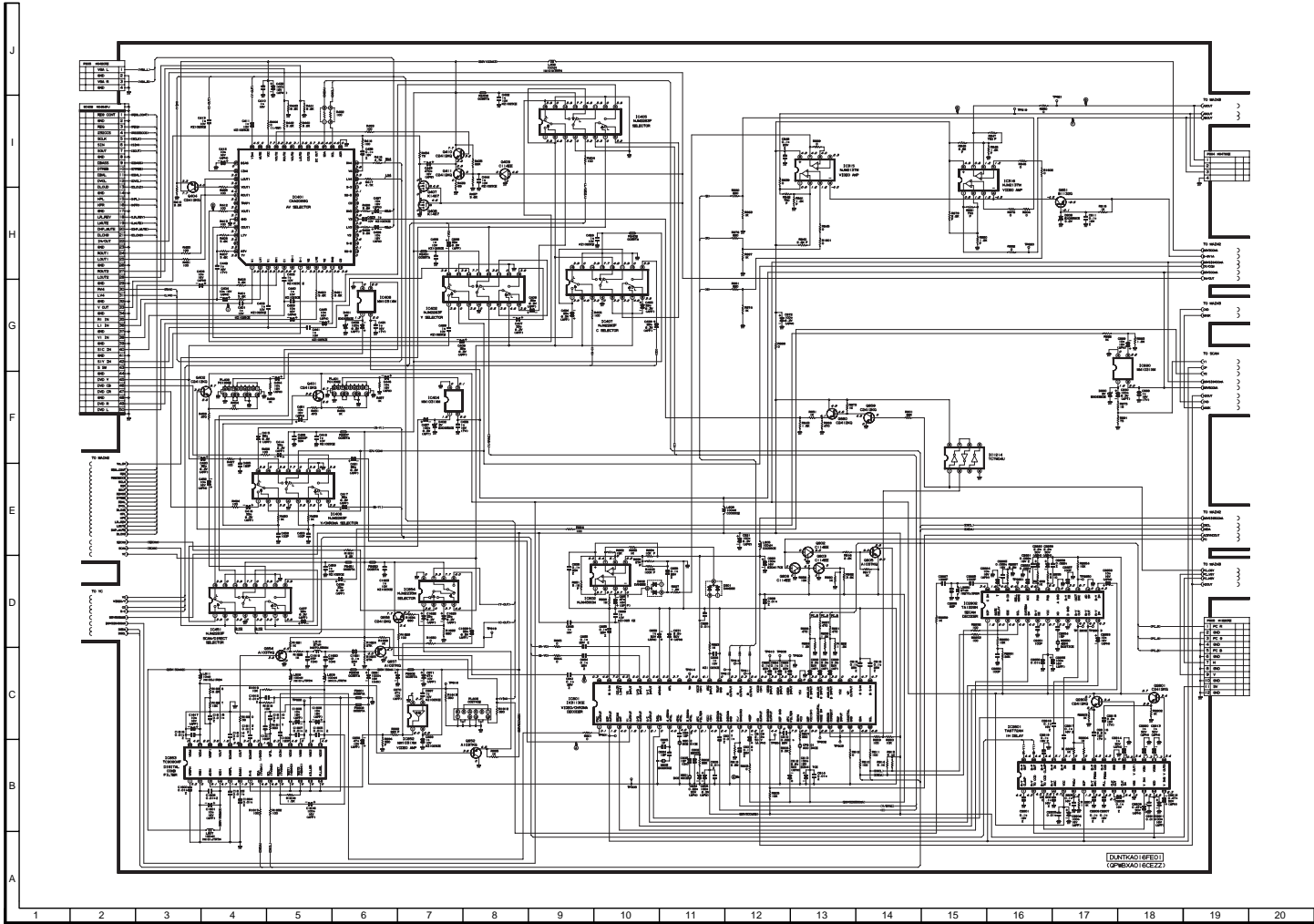
PARTS MARKED WITH " ⚠ " () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET.

BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

CAUTION:

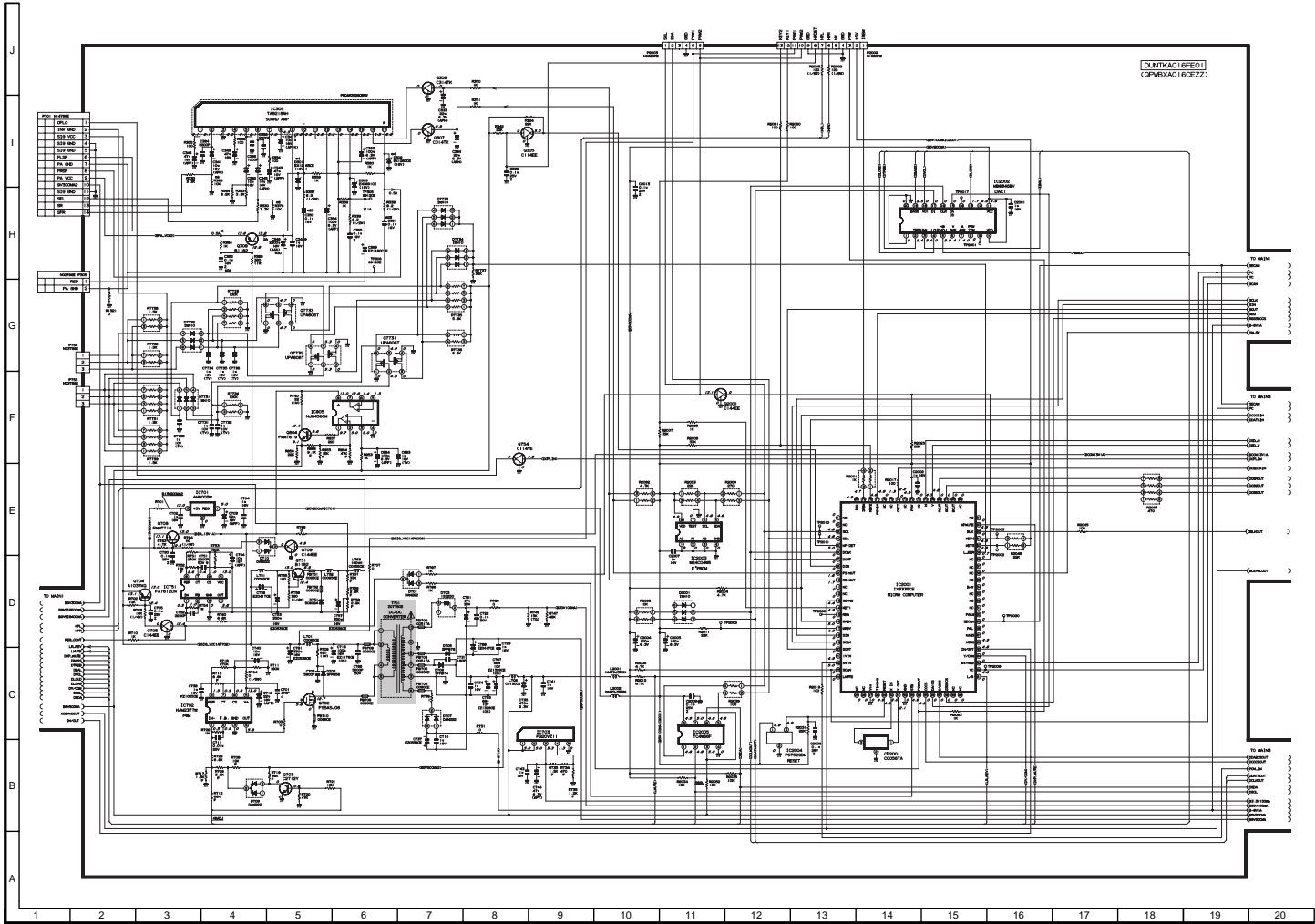
This circuit diagram is original one, therefore there may be a slight difference from yours.

10. SCHEMATIC DIAGRAMS MAIN (1) CIRCUIT SCHEMATIC DIAGRAM

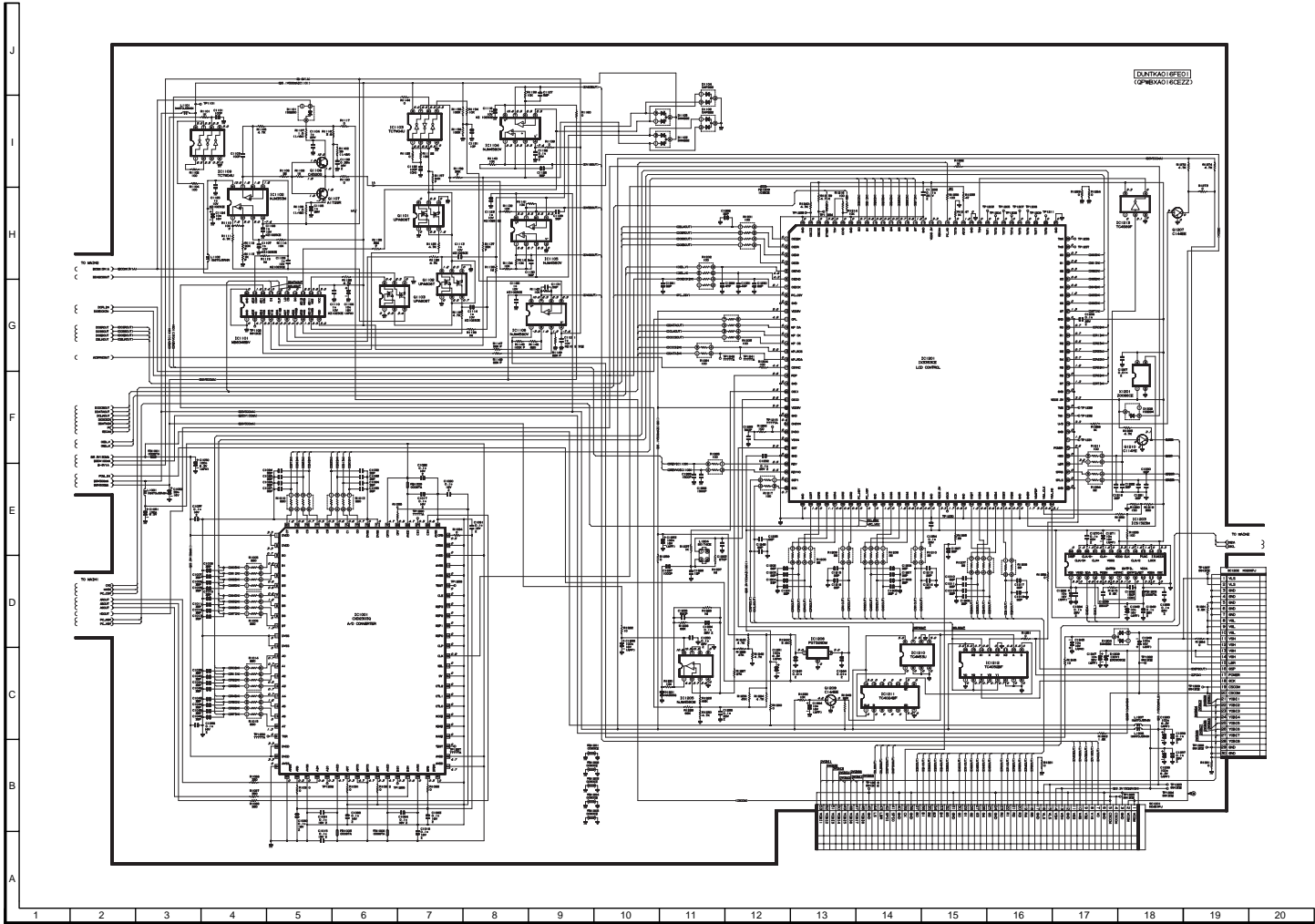


MAIN (2) CIRCUIT SCHEMATIC DIAGRAM

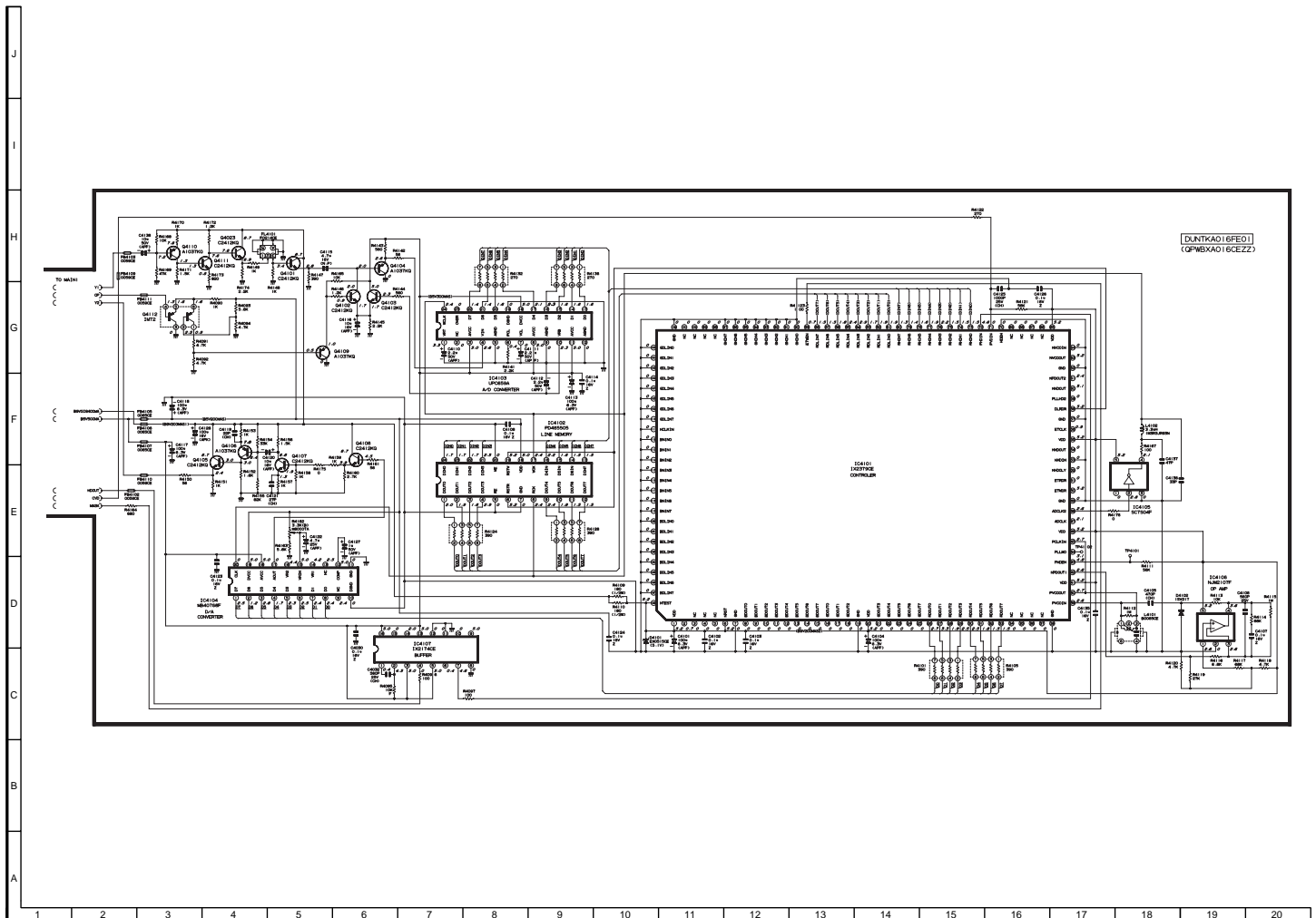
⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS



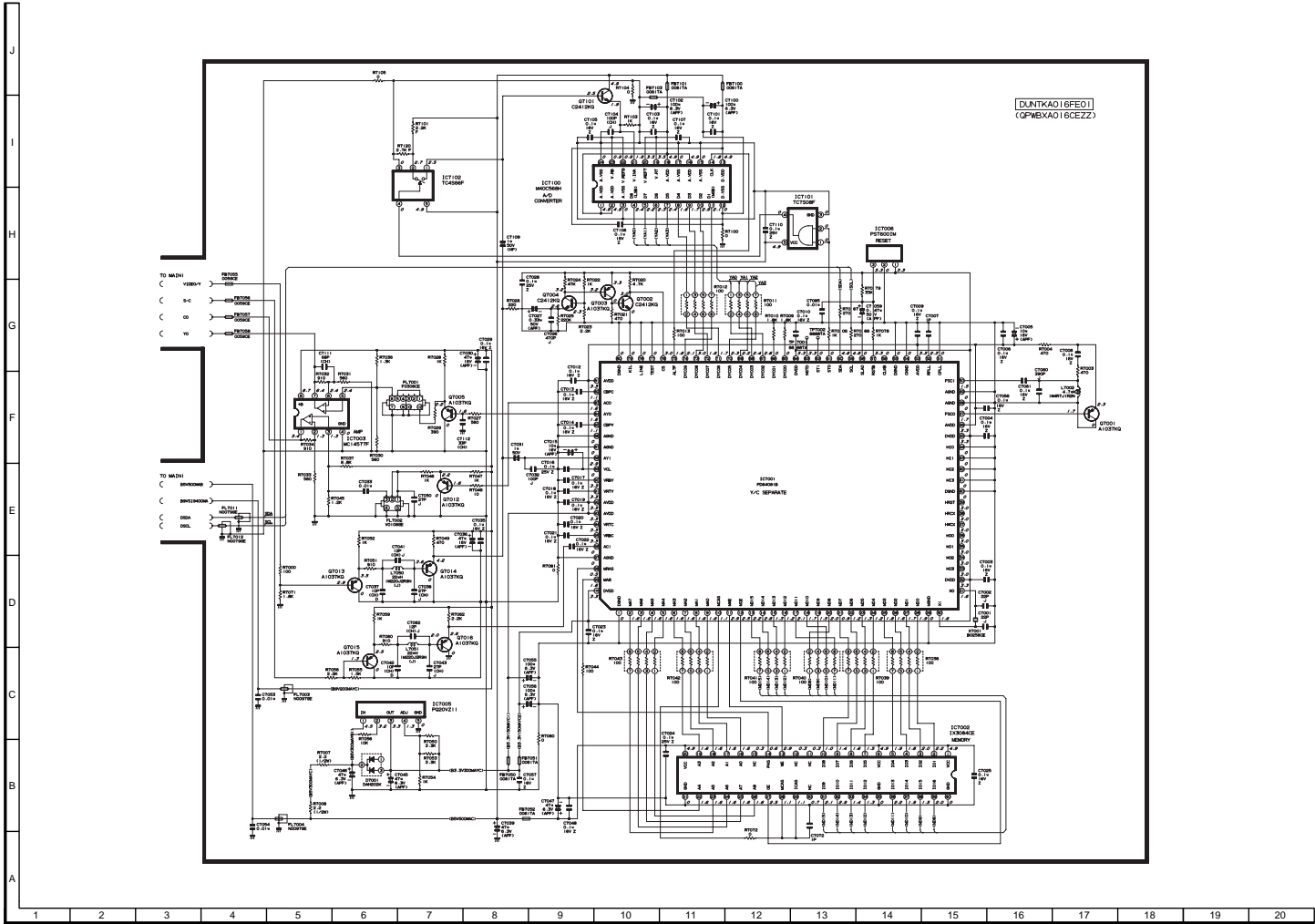
MAIN (3) CIRCUIT SCHEMATIC DIAGRAM



SCAN CIRCUIT SCHEMATIC DIAGRAM

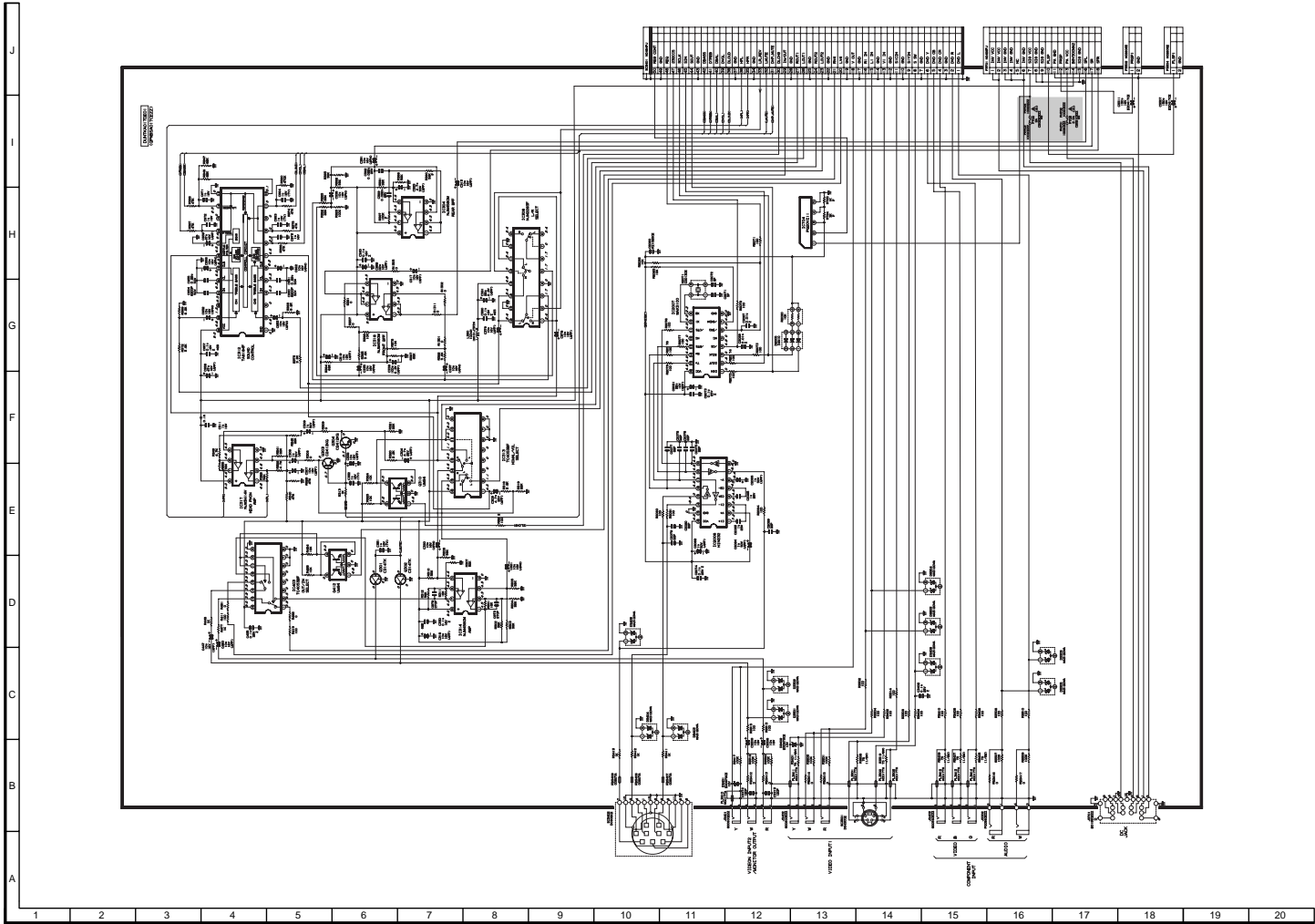


YC CIRCUIT SCHEMATIC DIAGRAM



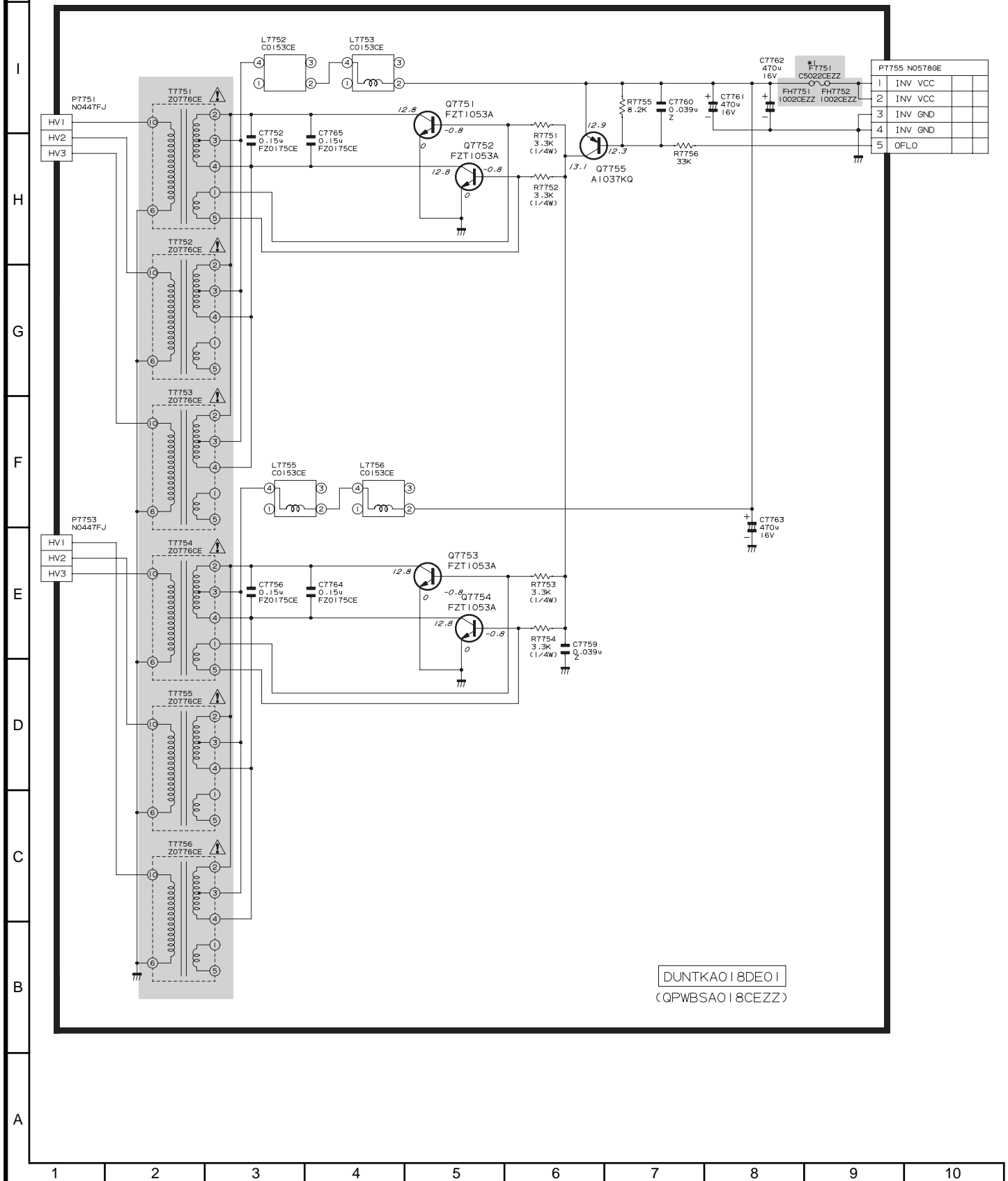
TERMINAL CIRCUIT SCHEMATIC DIAGRAM

△ AND SHADED COMPONENTS=SAFETY RELATED PARTS



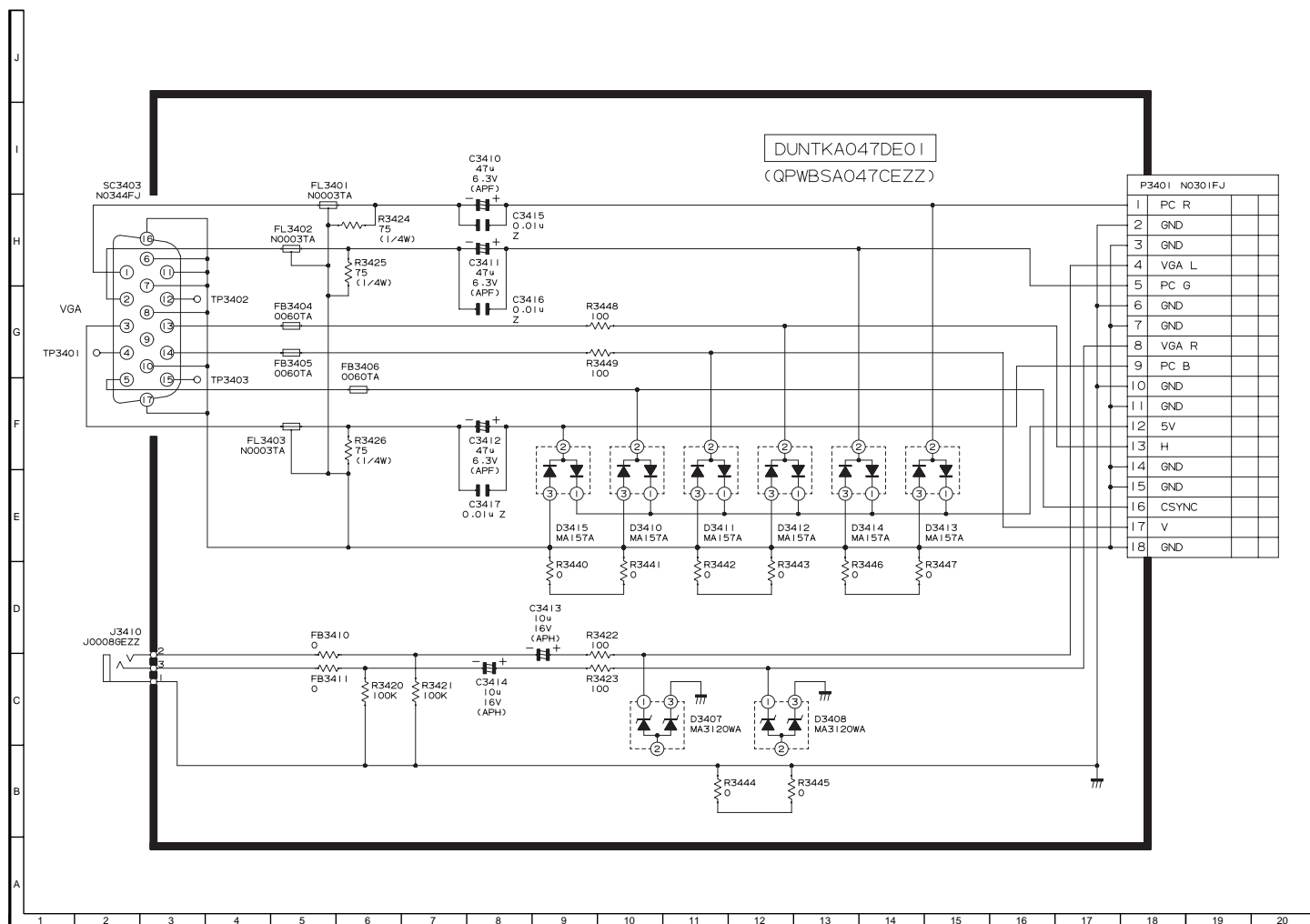
INVERTER CIRCUIT SCHEMATIC DIAGRAM

⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS

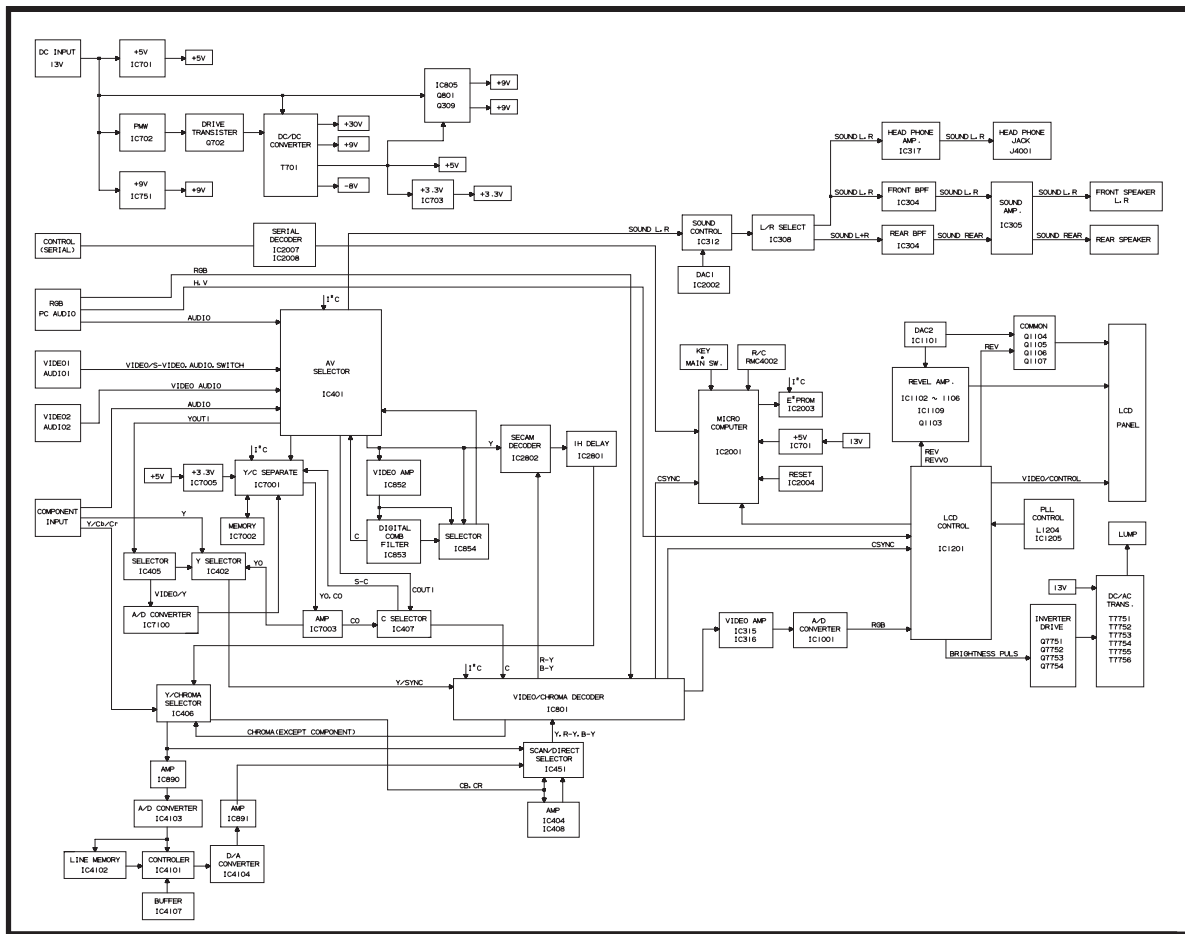




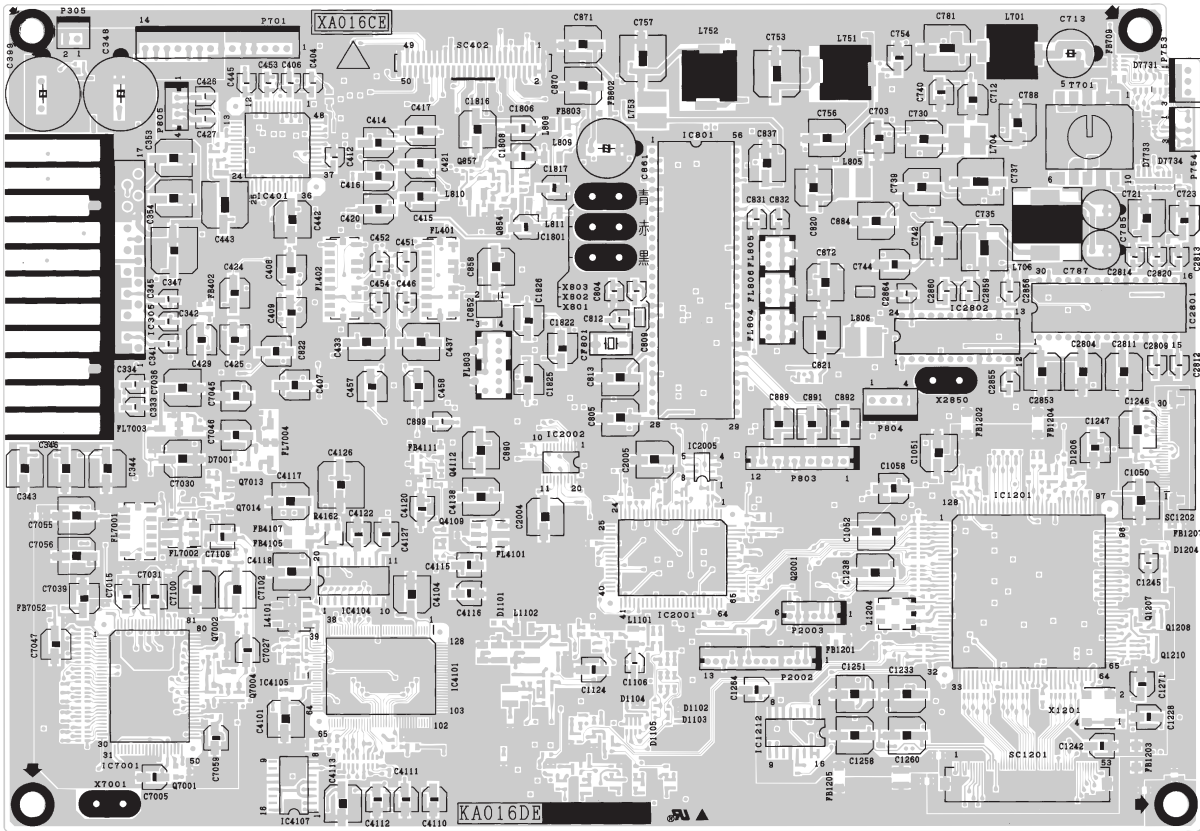
RGB CIRCUIT SCHEMATIC DIAGRAM



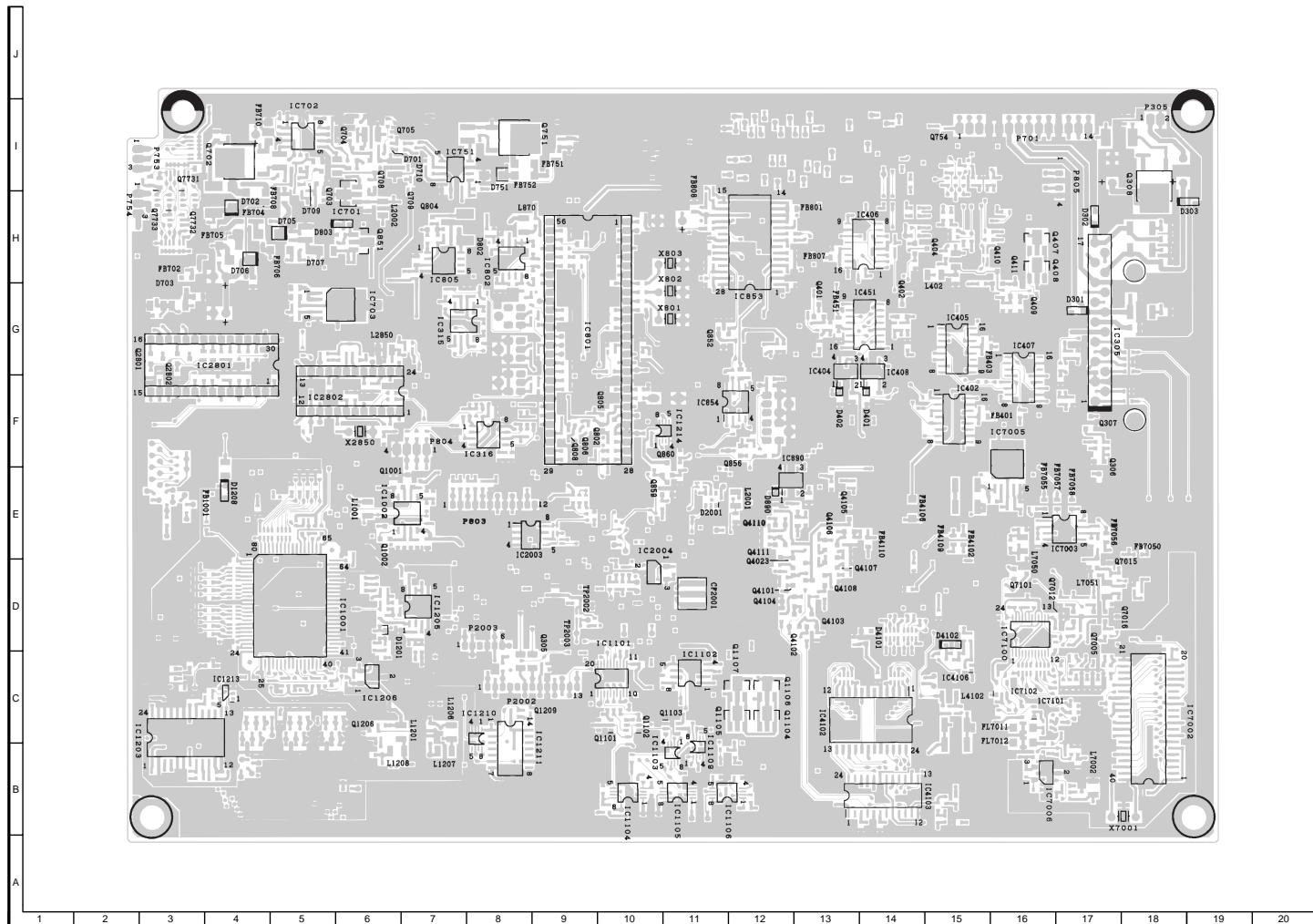
11. BLOCK DIAGRAM



MAIN PWB UNIT (Component Side)



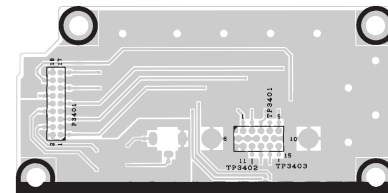
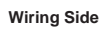
MAIN PWB UNIT (Wiring Side)



Component Side



INVERTER PWB UNIT
Component Side



- M E M O -

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

13. PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" and shaded area in the Replacement Parts Lists and schematic diagram.

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

MARK★: SPARE PARTS-DELIVERY SECTION

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

LCD MODULE UNIT

RLCDT0053CEZZ	J	LCD Module Unit	EK
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LAMP UNIT

△ KLMP-0091CEZZ	J	Lamp Unit	BB
△ KLMP-0092CEZZ	J	Lamp Unit	BB

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

DUNTKA016FE01	-	Main PWB Unit	—
DUNTKA017DE01	-	Terminal PWB Unit	—
DUNTKA018DE01	-	Inverter PWB Unit	—
DUNTKA019DE01	-	SW PWB Unit	—
DUNTKA047DE01	-	RGB PWB Unit	—

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

DUNTKA016FE01 MAIN PWB UNIT

INTEGRATED CIRCUITS

IC305	VHiTA8218AH-1	J	TA8218AH, Sound Amp	AP
IC315	VHiNJM2137M-1	J	NJM2137M, Video Amp	AG
IC316	VHiNJM2137M-1	J	NJM2137M, Video Amp	AG
IC401	VHiCXA2089Q-1	J	CXA2089Q, AV Selector	AN
IC402	VHiNJM2283F-1	J	NJM2283F, Y Selector	AF
IC404	VHiMM1031XM-1	J	MM1031XM	AF
IC405	VHiNJM2283F-1	J	NJM2283F, Selector	AF
IC406	VHiNJM2283F-1	J	NJM2283F, Y/Chroma Selector	AF
IC407	VHiNJM2283F-1	J	NJM2283F, C Selector	AF
IC408	VHiMM1031XM-1	J	MM1031XM	AF
IC451	VHiNJM2283F-1	J	NJM2283F, Scan/Direct Selector	AF
IC701	VHiAN8005M/-1	J	AN8005M	AD
IC702	VHiNJM2377M-1	J	NJM2377M, PWM	AK
IC703	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC751	VHiFA7612CN-1	J	FA7612CN	AK
IC801	RH-iX3113CEZZ	J	IX3113CE, Video/Chroma Decoder	AZ
IC802	VHiNJM4560M-1	J	NJM4560M	AG
IC805	VHiNJM4560M-1	J	NJM4560M	AG
IC852	VHiMM1031XM-1	J	MM1031XM, Video Amp	AF
IC853	VHiTC9090AF-1	J	TC9090AF, Digital Comb Filter	AX
IC854	VHiNJM2235M-1	J	NJM2235M, Selector	AE
IC890	VHiMM1031XM-1	J	MM1031XM	AF
IC1001	VHiCXD2303Q-1	J	CXD2303AQ, A/D Converter	BD
IC1101	VHiMB8346BV-1	J	MB8346BV	AN
IC1102	VHiNJM353M/-1	J	NJM353M	AG
IC1103	VHiTC7W04U/-1	J	TC7W04U	AD
IC1104	VHiNJM4580V-1	J	NJM4580V	AE
IC1105	VHiNJM4580V-1	J	NJM4580V	AE
IC1106	VHiNJM4580V-1	J	NJM4580V	AE
IC1109	VHiTC7W04U/-1	J	TC7W04FU	AD
IC1201	RH-iX3353CEZZ	J	IX3353CE, LCD Control	AV
IC1203	VHiCS1523M-1	J	ICS1523M	BC
IC1205	VHiNJM4560M-1	J	NJM4560M	AG
IC1206	VHiPST529DM-1	J	PST529DM	AE
IC1210	VHiTC4W53U/-1	J	TC4W53U	AF
IC1211	VHiTC4024BF1E	J	TC4024BF	AG
IC1212	VHiTC4052BF1E	J	TC4052BF	AF
IC1213	VHiTC4S69F/-1	J	TC4S69F	AC
IC1214	VHiTC7W04U/-1	J	TC7W04U	AD
IC2001	RH-iX3335CEZZ	J	IX3335CEN, Micro Computer	AY
IC2002	VHiMB8346BV-1	J	MB8346BV, DAC1	AN
IC2003	VHiM24C04W6-1	J	M24C04W6, E ² PROM	AE
IC2004	VHiPST529DM-1	J	PST529DM, Reset	AE
IC2005	VHiTC4W66F/-1	J	TC4W66F	AE
IC2801	VHiTA8772AN-1	J	TA8772AN, 1H Delay	AV
IC2802	VHiTA1229N/-1	J	TA1229N, Secam Decoder	AX
IC4101	RH-iX2379CEZZ	J	IX2379CE, Controller	AY
IC4102	VHiPD485505-2	J	PD485505, Line Memory	AY
IC4103	VHiUPC659A/-1	J	UPC659A, A/D Converter	AU
IC4104	VHiMB40768F-1	J	MB40768F, D/A Converter	AP
IC4105	VHiSC7S04F/-1	J	SC7S04F	AC
IC4106	VHiNJM2107F-1	J	NJM2107F, OP Amp	AE
IC4107	RH-iX2174CEZZ	J	IX2174CE, Buffer	AG
IC7001	VHiPD64081B-1	J	PD64081B, Y/C Separate	BD
IC7002	RH-iX3084CEZZ	J	IX3084CE, Memory	AS
IC7003	VHiMC14577F-1	J	MC14577F, Amp	AG
IC7005	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7006	VHiPST600iM-1	J	PST600iM, Reset	AE
IC7100	VHiM40C568H-1	J	M40C568H, A/D Converter	AQ
IC7101	VHiTC7S08F/-1	J	TC7S08F	AC
IC7102	VHiTC4S66F/-1	J	TC4S66F	AD

TRANSISTORS

Q305	VS DTC114EE/-1	J	DTC114EE	AB
Q306	VS DTC314TK/-1	J	DTC314TK	AC
Q307	VS DTC314TK/-1	J	DTC314TK	AC
Q308	VS2SB1182//2E	J	2SB1182	AE

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01 MAIN PWB UNIT(Continued)					D402	RH-EX0632CEZZ	J	Zener Diode	AB
Q401	VS2SC2412KQ-1	J	2SC2412KQ	AA	D701	VHDDAN222//1	J	DAN222	AA
Q402	VS2SC2412KQ-1	J	2SC2412KQ	AA	D702	VHDSFPB56//2E	J	SFPB56	AC
Q404	VS2SC2412KQ-1	J	2SC2412KQ	AA	D703	VHD1SS250//1E	J	1SS250	AB
Q407	VS2SK1467//1	J	2SK1467	AE	D705	VHDSFPB76//2E	J	SFPB76	AD
Q408	VS2SK1467//1	J	2SK1467	AE	D706	VHDSFPB74//2E	J	SFPB74	AD
Q409	VSDTC114EE/-1	J	DTC114EE	AB	D707	VHDDAN222//1	J	DAN222	AA
Q410	VS2SC2412KQ-1	J	2SC2412KQ	AA	D709	VHDDAN222//1	J	DAN222	AA
Q411	VS2SC2412KQ-1	J	2SC2412KQ	AA	D710	VHDDAN222//1	J	DAN222	AA
Q702	VSFS5ASJ06/-1	J	FS5ASJ06	AF	D740	VHD1SS119//1	J	1SS119	AB
Q703	VS2SC2712Y/-1	J	2SC2712Y	AB	D751	VHDS8024//1	J	SC8024	AC
Q704	VS2SA1037KQ-1	J	2SA1037KQ	AA	D801	VHDDAN222//1	J	DAN222	AA
Q705	VSDTC144EE/-1	J	DTC144EE	AB	D802	VHDDAN222//1	J	DAN222	AA
Q708	VSFMMT718//1	J	FMMT718	AE	D803	RH-EX0852CEZZ	J	Zener Diode	AC
Q709	VSDTC144EE/-1	J	DTC144EE	AA	D890	RH-EX0632CEZZ	J	Zener Diode	AB
Q751	VS2SB1182//2E	J	2SB1182	AE	D1101	VHD1SS250//1E	J	1SS250	AB
Q754	VSDTC114YE/-1	J	DTC114YE	AB	D1102	VHDDAP222//1	J	DAP222	AA
Q802	VSDTC114EE/-1	J	DTC114EE	AB	D1103	VHDDAN222//1	J	DAN222	AA
Q803	VSDTC114EE/-1	J	DTC114EE	AB	D1104	VHDDAP222//1	J	DAP222	AA
Q804	VSFMMT619//1	J	FMMT619	AE	D1105	VHDDAN222//1	J	DAN222	AA
Q805	VS2SA1037KQ-1	J	2SA1037KQ	AA	D1201	VHDM335Q//1	J	MA335Q	AD
Q806	VSDTC114EE/-1	J	DTC114EE	AB	D1204	VHDDAN222//1	J	DAN222	AA
Q851	VS2SB1132Q/-1	J	2SB1132Q	AC	D1206	VHD1SS294//1	J	1SS294	AC
Q852	VS2SA1037KQ-1	J	2SA1037KQ	AA	D1208	RH-EX0906CEZZ	J	Zener Diode	AD
Q854	VS2SA1037KQ-1	J	2SA1037KQ	AA	D2001	VHDI1MN10//1	J	IMN10	AB
Q856	VS2SC2412KQ-1	J	2SC2412KQ	AA	D4101	RH-EX0515CEZZ	J	Zener Diode	AB
Q857	VS2SA1037KQ-1	J	2SA1037KQ	AA	D4102	VHD1SV217//1	J	1SV217	AB
Q859	VS2SC2412KQ-1	J	2SC2412KQ	AA	D7001	VHDDAN202K/-1	J	DAN202K	AB
Q860	VS2SC2412KQ-1	J	2SC2412KQ	AA	D7731	VHDI1MN10//1	J	IMN10	AB
Q1101	VSUPA606T//1	J	UPA606T	AD	D7732	VHDI1MN10//1	J	IMN10	AB
Q1102	VSUPA606T//1	J	UPA606T	AD	D7733	VHDI1MN10//1	J	IMN10	AB
Q1103	VSUPA606T//1	J	UPA606T	AD	D7734	VHDI1MN10//1	J	IMN10	AB
Q1106	VS2SC4520S/-1	J	2SC4520S	AF	PACKAGED CIRCUITS				
Q1107	VS2SA1729R/-1	J	2SA1729R	AK	X801	RCRSB0262CEZZ	J	Crystal, CRSB0262CE	AH
Q1207	VSDTC144EE/-1	J	DTC144EE	AA	X802	RCRSB0261CEZZ	J	Crystal, CRSB0261CE	AH
Q1209	VSDTC144EE/-1	J	DTC144EE	AA	X803	RCRSB0263CEZZ	J	Crystal, CRSB0263CE	AH
Q1210	VSDTC114YE/-1	J	DTC114YE	AB	X1201	RCRSZ0086CEZZ	J	Crystal, CRSZ0086CE	AM
Q2001	VSDTC144EE/-1	J	DTC144EE	AA	X2850	RCRSB0273CEZZ	J	Crystal, CRSB0273CE	AG
Q2801	VS2SC2412KQ-1	J	2SC2412KQ	AA	X7001	RCRSB0258CEZZ	J	Crystal, CRSB0258CE	AG
Q2802	VS2SC2412KQ-1	J	2SC2412KQ	AA	FILTERS				
Q4023	VS2SC2412KQ-1	J	2SC2412KQ	AA	CF801	RFiLA0034CEZZ	J	Filter, FiLA0034CE	AD
Q4101	VS2SC2412KQ-1	J	2SC2412KQ	AA	CF2001	RFiLC0056TAZZ	J	Filter, FiLC0056TA	AE
Q4102	VS2SC2412KQ-1	J	2SC2412KQ	AA	FL401	RCiLF0135GEZZ	J	Coil, CiLF0135GE	AL
Q4103	VS2SC2412KQ-1	J	2SC2412KQ	AA	FL402	RCiLF0135GEZZ	J	Coil, CiLF0135GE	AL
Q4104	VS2SA1037KQ-1	J	2SA1037KQ	AA	FL803	RFiLC0274CEZZ	J	Filter, FiLC0274CE	AG
Q4105	VS2SC2412KQ-1	J	2SC2412KQ	AA	FL4101	RCiLF0214CEZZ	J	Coil, CiLF0214CE	AF
Q4106	VS2SA1037KQ-1	J	2SA1037KQ	AA	FL7001	RCiLF0306CEZZ	J	Coil, CiLF0306CE	AH
Q4107	VS2SC2412KQ-1	J	2SC2412KQ	AA	FL7002	RCiLV0108GEZZ	J	Coil, CiLV0108GE	AG
Q4108	VS2SC2412KQ-1	J	2SC2412KQ	AA	FL7003	RFiLN0097GEZZ	J	Filter, FiLN0097GE	AF
Q4109	VS2SA1037KQ-1	J	2SA1037KQ	AA	FL7004	RFiLN0097GEZZ	J	Filter, FiLN0097GE	AF
Q4110	VS2SA1037KQ-1	J	2SA1037KQ	AA	FL7011	RFiLN0079GEZZ	J	Filter, FiLN0079GE	AC
Q4111	VS2SC2412KQ-1	J	2SC2412KQ	AA	FL7012	RFiLN0079GEZZ	J	Filter, FiLN0079GE	AC
Q4112	VSIMT2////-1	J	IMT2	AB	COILS				
Q7001	VS2SA1037KQ-1	J	2SA1037KQ	AA	L402	VP-1M101J7R7N	J	Peaking, 100μH	AC
Q7002	VS2SC2412KQ-1	J	2SC2412KQ	AA	L701	RCiLC0085CEZZ	J	Coil, CiLC0085CE	AF
Q7003	VS2SA1037KQ-1	J	2SA1037KQ	AA	L706	RCiLC0130CEZZ	J	Coil, CiLC0130CE	AG
Q7004	VS2SC2412KQ-1	J	2SC2412KQ	AA	L751	RCiLC0085CEZZ	J	Coil, CiLC0085CE	AF
Q7005	VS2SA1037KQ-1	J	2SA1037KQ	AA	L752	RCiLC0085CEZZ	J	Coil, CiLC0085CE	AF
Q7012	VS2SA1037KQ-1	J	2SA1037KQ	AA	L753	RCiLC0055CEZZ	J	Coil, CiLC0055CE	AD
Q7013	VS2SA1037KQ-1	J	2SA1037KQ	AA	L805	RCiLC0055CEZZ	J	Coil, CiLC0055CE	AD
Q7014	VS2SA1037KQ-1	J	2SA1037KQ	AA	L806	RCiLC0055CEZZ	J	Coil, CiLC0055CE	AD
Q7015	VS2SA1037KQ-1	J	2SA1037KQ	AA	L807	VP-1M101J7R7N	J	Peaking, 100μH	AC
Q7016	VS2SA1037KQ-1	J	2SA1037KQ	AA	L808	VP-1M101J7R7N	J	Peaking, 100μH	AC
Q7101	VS2SC2412KQ-1	J	2SC2412KQ	AA	L809	VP-1M101J7R7N	J	Peaking, 100μH	AC
Q7731	VSUPA606T//1	J	UPA606T	AD	L810	VP-1M270J3R8N	J	Peaking, 27μH	AC
Q7732	VSUPA606T//1	J	UPA606T	AD	L811	VP-1M100J1R6N	J	Peaking, 10μH	AC
Q7733	VSUPA606T//1	J	UPA606T	AD	L1001	VP-1M470J5R4N	J	Peaking, 47μH	AC
DIODES					L1101	VP-1M470J5R4N	J	Peaking, 47μH	AC
D301	RH-EX1283CEZZ	J	Zener Diode	AB	L1102	VP-1M470J5R4N	J	Peaking, 47μH	AC
D302	RH-EX1283CEZZ	J	Zener Diode	AB	L1204	RCiLB0174CEZZ	J	Oscillation Coil	AE
D303	RH-EX0891CEZZ	J	Zener Diode	AC	L1207	VP-1M470J5R4N	J	Peaking, 47μH	AC
D401	RH-EX0632CEZZ	J	Zener Diode	AB	L1208	VP-1M470J5R4N	J	Peaking, 47μH	AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01					C439	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
MAIN PWB UNIT(Continued)					C440	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
L2001	VP-1M470J5R4N	J	Peaking, 47μH	AC	C441	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
L2002	VP-1M470J5R4N	J	Peaking, 47μH	AC	C443	VCEAPW1CN477M	J 470	16V Electrolytic	AE
L2850	VP-1M270J3R8N	J	Peaking, 27μH	AC	C444	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
L4101	RCiLB0065CEZZ	J	Oscillation Coil	AG	C445	VCEAPH1CW106M	J 10	16V Electrolytic	AB
L4102	VP-1M3R3JR93N	J	Peaking, 3.3μH	AB	C446	VCEAPH1CW106M	J 10	16V Electrolytic	AB
L7002	VP-1M4R7J1R2N	J	Peaking, 4.7μH	AB	C448	VCKYTV1CF105Z	J 1	16V Ceramic	AB
L7050	VP-1M220J2R9N	J	Peaking, 22μH	AC	C451	VCEAPH1CW106M	J 10	16V Electrolytic	AB
L7051	VP-1M220J2R9N	J	Peaking, 22μH	AC	C452	VCEAPH1CW106M	J 10	16V Electrolytic	AB
TRANSFORMER					C453	VCEAPH1CW106M	J 10	16V Electrolytic	AB
△ T701	RTRNZ0775CEZZ	J	Transformer	AM	C454	VCEAPH1CW106M	J 10	16V Electrolytic	AB
CONTROL					C455	VCCCCY1HH101J	J 100p	50V Ceramic	AA
R4162	RVR-M8000TAZZ	J	Variable Resistor	AB	C456	VCCCCY1HH101J	J 100p	50V Ceramic	AA
CAPACITORS					C457	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB
C333	VCEAPH0JW226M	J 22	6.3V Electrolytic	AB	C458	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB
C334	VCEAPH0JW226M	J 22	6.3V Electrolytic	AB	C459	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C341	VCEAPH1CN106M	J 10	16V Electrolytic	AD	C465	VCCCCY1HH121J	J 120p	50V Ceramic	AA
C342	VCEAPH1CN106M	J 10	16V Electrolytic	AD	C466	VCKYTV1HB822K	J 8200p	50V Ceramic	AA
C343	VCEAPF1CN476M	J 47	16V Electrolytic	AD	C701	VCCCCY1HH471J	J 470p	50V Ceramic	AA
C344	VCEAPF1CN476M	J 47	16V Electrolytic	AD	C702	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C345	VCEAPH1CN106M	J 10	16V Electrolytic	AD	C703	VCEAPF1CN226M	J 22	16V Electrolytic	AD
C346	VCEAPF1CN476M	J 47	16V Electrolytic	AD	C704	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C347	VCEAPK1CN107M	J 100	16V Electrolytic	AD	C705	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C348	VCEA4A1CN228M	J 2200	16V Electrolytic	AF	C706	VCKYCY1HB562K	J 5600p	50V Ceramic	AA
C349	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C710	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C350	VCKYTV1CF104Z	J 0.1	16V Ceramic	AA	C711	VCKYCY1EB103K	J 0.01	25V Ceramic	AA
C351	VCKYTV1CF104Z	J 0.1	16V Ceramic	AA	C712	VCEAPT1CN226M	J 22	16V Electrolytic	AC
C352	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C713	RC-EZ1176CEZZ	J 100	16V Electrolytic	AK
C353	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C721	VCEAPW1VN476M	J 47	35V Electrolytic	AE
C354	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C722	VCKYTV1HF104Z	J 0.1	50V Ceramic	AA
C355	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C729	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C384	VCKYCY1HB222K	J 2200p	50V Ceramic	AA	C731	VCCCCY1HH181J	J 180p	50V Ceramic	AA
C385	VCKYCY1HB102K	J 1000p	50V Ceramic	AA	C734	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C386	VCKYCY1HB222K	J 2200p	50V Ceramic	AA	C735	VCEAPW0JN477M	J 470	6.3V Electrolytic	AE
C392	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C737	RC-EZ0538CEZZ	J 330	16V Electrolytic	AE
C399	RC-EZ1180CEZZ	J	Capacitor	AE	C738	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C401	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C740	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C402	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C741	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C403	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C743	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C404	VCEAPH1CW106M	J 10	16V Electrolytic	AB	C744	VCEAPT0JN476M	J 47	6.3V Electrolytic	AC
C405	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C751	VCFRED1HM222G	J 2200p	50V	AD
C406	VCEAPH1CW106M	J 10	16V Electrolytic	AB	C752	VCKYCY1HB222K	J 2200p	50V Ceramic	AA
C407	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C753	RC-EZ0538CEZZ	J 330	16V Electrolytic	AE
C408	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C754	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C409	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C756	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD
C410	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C757	RC-EZ0538CEZZ	J 330	16V Electrolytic	AE
C411	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C781	RC-EZ0538CEZZ	J 330	16V Electrolytic	AE
C412	VCEAPH1CW106M	J 10	16V Electrolytic	AB	C785	RC-EZ1329CEZZ	J 68	10V Electrolytic	AF
C413	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C786	VCKYTV1HB562K	J 5600p	50V Ceramic	AA
C414	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C787	RC-EZ1329CEZZ	J 68	10V Electrolytic	AF
C415	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C788	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD
C416	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C790	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C417	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C802	VCKYCY1HB222K	J 2200p	50V Ceramic	AA
C418	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C803	VCCCCY1HH120J	J 12p	50V Ceramic	AA
C420	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C804	VCEAPH1HN224M	J 0.22	50V Electrolytic	AD
C421	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C805	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE
C422	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C806	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C423	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C807	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C424	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C808	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C425	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C809	VCEAPH1HW225M	J 2.2	50V Electrolytic	AB
C426	VCEAPH1CW106M	J 10	16V Electrolytic	AB	C810	VCKYCY1EB223K	J 0.022	25V Ceramic	AA
C427	VCEAPH1CW106M	J 10	16V Electrolytic	AB	C811	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C428	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C812	VCEAPH1HW225M	J 2.2	50V Electrolytic	AB
C429	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C813	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD
C431	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C814	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C432	VCEAPW1CN107M	J 100	16V Electrolytic	AE	C818	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C433	VCEAPT0JN107M	J 100	6.3V Electrolytic	AD	C819	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C436	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C820	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD
C437	VCEAPT0JN107M	J 100	6.3V Electrolytic	AD	C821	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE
C438	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C822	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB
					C823	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C824	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C825	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C826	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01									
MAIN PWB UNIT(Continued)									
C828	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1101	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C829	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C1103	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C831	VCEAPH1HW225M	J 2.2	50V Electrolytic	AB	C1104	VCKYTQ1EF105Z	J 1	25V Ceramic	AD
C832	VCEAPH1HW105M	J 1	50V Electrolytic	AB	C1105	VCKYTQ1EF105Z	J 1	25V Ceramic	AD
C833	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1106	VCEAPH1CW106M	J 10	16V Electrolytic	AB
C834	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1107	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C835	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1108	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C836	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1109	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C837	VCEAPF1CW476M	J 47	16V Electrolytic	AC	C1110	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C838	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1113	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C841	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1114	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C846	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1116	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C858	VCEAPF1AN476M	J 47	10V Electrolytic	AD	C1120	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C861	VCEA4A1CN108M	J 1000	16V Electrolytic	AD	C1121	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C870	VCEAPF1AN476M	J 47	10V Electrolytic	AD	C1122	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C871	VCEAPF1AN476M	J 47	10V Electrolytic	AD	C1123	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C872	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE	C1124	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C883	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C1125	RC-KZ1025CEZZ	J 1	10V Ceramic	AB
C884	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C1127	VCCCCY1HH560J	J 56p	50V Ceramic	AA
C885	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C1128	VCCCCY1HH560J	J 56p	50V Ceramic	AA
C886	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1129	VCCCCY1HH560J	J 56p	50V Ceramic	AA
C887	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1130	VCCCCY1HH560J	J 56p	50V Ceramic	AA
C888	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C1131	VCCCCY1HH560J	J 56p	50V Ceramic	AA
C889	VCE9PF1HW335M	J 3.3	50V Electrolytic	AD	C1132	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C890	VCEAP0JN107M	J 100	6.3V Electrolytic	AD	C1133	VCKYCY1CF334Z	J 0.33	16V Ceramic	AA
C891	VCE9PF1HW335M	J 3.3	50V Electrolytic	AD	C1151	VCCCCY1HH100D	J 10p	50V Ceramic	AA
C892	VCE9PF1HW335M	J 3.3	50V Electrolytic	AD	C1201	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C893	VCCCCY1HH120J	J 12p	50V Ceramic	AA	C1202	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C894	VCCCCY1HH120J	J 12p	50V Ceramic	AA	C1203	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C895	VCCCCY1HH1R0C	J 1p	50V Ceramic	AA	C1204	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C898	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1205	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C899	VCEAPH1CW106M	J 10	16V Electrolytic	AB	C1206	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1006	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1207	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1007	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1208	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1008	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1209	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1009	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1210	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1010	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1211	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1011	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1212	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1012	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1213	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1013	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1214	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1015	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1215	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1016	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1216	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1017	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1217	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1020	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1218	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1022	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1219	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1024	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1220	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1025	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1221	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1026	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1222	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1027	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1223	VCCCCY1HH271J	J 270p	50V Ceramic	AA
C1031	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1224	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1032	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1225	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1033	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1226	VCCCCY1HH120J	J 12p	50V Ceramic	AA
C1034	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1227	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1035	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1228	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C1037	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1229	VCCCCY1HH470J	J 47p	50V Ceramic	AA
C1038	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1230	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1039	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1231	VCCCCY1HH470J	J 47p	50V Ceramic	AA
C1040	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1232	VCCCCY1HH151J	J 150p	50V Ceramic	AA
C1041	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1233	VCEAPF1CW107M	J 100	16V Electrolytic	AD
C1042	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1234	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1043	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1235	VCKYCY1HB561K	J 560p	50V Ceramic	AA
C1044	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1236	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C1045	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1237	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C1046	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C1238	VCEAPF1CW107M	J 100	16V Electrolytic	AD
C1050	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE	C1239	VCKYCY1HB222K	J 2200p	50V Ceramic	AA
C1051	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C1240	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C1052	VCEAPF1CW336M	J 33	16V Electrolytic	AB	C1242	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C1054	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1244	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C1060	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1245	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C1061	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1246	VCEAPF1CW107M	J 100	16V Electrolytic	AD
C1063	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1247	VCEAPF1VW106M	J 10	35V Electrolytic	AB
C1066	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C1248	VCCCCY1HH220J	J 22p	50V Ceramic	AA
					C1249	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C1250	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C1251	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01									
MAIN PWB UNIT(Continued)									
C1252	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2850	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C1253	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2851	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C1254	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2852	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C1255	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2853	VCEAPF1CN107M	J 100	16V Electrolytic	AD
C1256	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2854	VCCCCY1HH150J	J 15p	50V Ceramic	AA
C1257	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2855	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C1258	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C2856	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C1259	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2857	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C1260	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C2858	VCKYCY1HF223Z	J 0.022	50V Ceramic	AB
C1261	VCCCCY1HH220J	J 22p	50V Ceramic	AA	C2859	VCEAPH1HW225M	J 2.2	50V Electrolytic	AB
C1262	VCCCCY1HH220J	J 22p	50V Ceramic	AA	C2860	VCEAPH1HW225M	J 2.2	50V Electrolytic	AB
C1263	VCKYCY1HB561K	J 560p	50V Ceramic	AA	C2861	VCKYCY1CF683Z	J 0.068	16V Ceramic	AA
C1264	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C2862	VCKYCY1HF223Z	J 0.022	50V Ceramic	AB
C1265	VCKYCY1HB152K	J 1500p	50V Ceramic	AA	C2863	VCKYCY1CB563K	J 0.056	16V Ceramic	AB
C1266	VCKYCY1HB152K	J 1500p	50V Ceramic	AA	C2864	VCEAPH1CW106M	J 10	16V Electrolytic	AB
C1267	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C2865	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C1270	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2866	VCCCCY1HH820J	J 82p	50V Ceramic	AA
C1271	VCEAPF1CN106M	J 10	16V Electrolytic	AD	C2867	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C1800	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4030	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1801	VCEAPF1CN106M	J 10	16V Electrolytic	AD	C4032	VCCCCY1EH561J	J 560p	25V Ceramic	AA
C1802	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4101	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C1803	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4102	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1804	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4103	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1805	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4104	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C1806	VCEAPF1CN106M	J 10	16V Electrolytic	AD	C4105	VCCCCY1HH471J	J 470p	50V Ceramic	AA
C1807	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4106	VCCCCY1EH561J	J 560p	25V Ceramic	AA
C1808	VCEAPF1CN106M	J 10	16V Electrolytic	AD	C4107	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1809	VCCCCY1HH121J	J 120p	50V Ceramic	AA	C4108	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1810	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4110	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB
C1811	VCCCCY1HH181J	J 180p	50V Ceramic	AA	C4111	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB
C1812	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4112	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB
C1813	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4113	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C1814	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4114	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1815	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4115	VCE9PF1CW475M	J 4.7	16V Electrolytic	AC
C1816	VCEAPW1CN107M	J 100	16V Electrolytic	AE	C4116	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C1817	VCEAPF1CN106M	J 10	16V Electrolytic	AD	C4117	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C1818	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	C4118	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C1819	VCCCCY1HH270J	J 27p	50V Ceramic	AA	C4119	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C1820	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C4120	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C1821	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C4121	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C1822	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C4122	VCEAPF1EW475M	J 4.7	25V Electrolytic	AB
C1823	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C4123	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1825	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C4124	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C1826	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C4125	VCCCCY1EH102J	J 1000p	25V Ceramic	AB
C2001	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C4126	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2002	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C4127	VCEAPF1HW105M	J 1	50V Electrolytic	AB
C2004	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE	C4128	VCEAPK1CN107M	J 100	16V Electrolytic	AD
C2005	VCEAPW0JN107M	J 100	6.3V Electrolytic	AE	C4135	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2006	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C4136	VCCCCY1HH330J	J 33p	50V Ceramic	AA
C2007	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C4137	VCCCCY1HH470J	J 47p	50V Ceramic	AA
C2009	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C4138	VCEAPF1HW106M	J 10	50V Electrolytic	AB
C2013	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C7001	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C2801	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7002	VCCCCY1HH220J	J 22p	50V Ceramic	AA
C2802	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7003	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2803	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7004	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2804	VCEAPF1CN107M	J 100	16V Electrolytic	AD	C7005	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C2805	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7006	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2806	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7007	VCCCCY1HH1R0C	J 1p	50V Ceramic	AA
C2807	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7008	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2808	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7009	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2809	VCEAPH1HW474M	J 0.47	50V Electrolytic	AB	C7010	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2810	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C7012	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2811	VCEAPF1CN107M	J 100	16V Electrolytic	AD	C7013	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2812	VCEAPH1HW474M	J 0.47	50V Electrolytic	AB	C7014	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2813	VCEAPH1HW105M	J 1	50V Electrolytic	AB	C7015	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C2814	VCEAPH1HW105M	J 1	50V Electrolytic	AB	C7016	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C2815	VCKYTV1CF225Z	J 2.2	16V Ceramic	AC	C7017	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2816	VCKYTV1CF225Z	J 2.2	16V Ceramic	AC	C7018	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2817	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7019	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2818	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7020	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2819	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	C7021	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C2820	VCEAPH1HW105M	J 1	50V Electrolytic	AB	C7022	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
					C7023	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
					C7024	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
					C7025	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01				
MAIN PWB UNIT(Continued)				
C7026	VCCCCY1HH471J	J 470p	50V Ceramic	AA
C7027	VCEAPF1HW334M	J 0.33	50V Electrolytic	AB
C7028	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C7029	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7030	VCEAPF1CW476M	J 47	16V Electrolytic	AC
C7031	VCE9PF1HW105M	J 1	50V Electrolytic	AC
C7032	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C7033	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C7035	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7036	VCEAPF1CW476M	J 47	16V Electrolytic	AC
C7037	VCCCCY1HH100D	J 10p	50V Ceramic	AA
C7038	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C7039	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB
C7041	VCCCCY1HH120J	J 12p	50V Ceramic	AA
C7042	VCCCCY1HH100D	J 10p	50V Ceramic	AA
C7043	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C7045	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB
C7046	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB
C7047	VCEAPF0JW476M	J 47	6.3V Electrolytic	AB
C7048	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7050	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C7053	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C7054	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C7055	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C7056	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C7057	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7058	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7059	VCEAPF1HW474M	J 0.47	50V Electrolytic	AB
C7060	VCCCCY1HH391J	J 390p	50V Ceramic	AA
C7061	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7062	VCCCCY1HH120J	J 12p	50V Ceramic	AA
C7072	VCCCCY1HH1R0C	J 1p	50V Ceramic	AA
C7085	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C7100	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C7101	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7102	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC
C7103	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7104	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C7105	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7106	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7107	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C7109	VCE9PF1HW105M	J 1	50V Electrolytic	AC
C7110	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C7111	VCCCCY1HH680J	J 68p	50V Ceramic	AA
C7112	VCCCCY1HH330J	J 33p	50V Ceramic	AA
C7731	VCKYTV1AB105K	J 1	10V Ceramic	AD
C7732	VCKYTV1AB105K	J 1	10V Ceramic	AD
C7733	VCKYTV1AB105K	J 1	10V Ceramic	AD
C7734	VCKYTV1AB105K	J 1	10V Ceramic	AD
C7735	VCKYTV1AB105K	J 1	10V Ceramic	AD
C7736	VCKYTV1AB105K	J 1	10V Ceramic	AD
RESISTORS				
R330	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA
R332	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA
R334	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R335	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R336	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R337	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA
R338	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA
R339	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA
R342	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R343	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA
R344	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA
R358	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R359	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R360	VRS-TV1JD102J	J 1k	1/16W Metal Oxide	AA
R368	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R370	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R371	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R376	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R384	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R385	VRS-CR3AD391J	J 390	1W Metal Oxide	AC
R394	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R401	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R402	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R404	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R405	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R406	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R407	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R410	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA
R412	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R413	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R416	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R417	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R418	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R420	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R421	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R422	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
R424	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R425	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R426	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R427	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R428	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R429	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R430	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R431	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R434	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA
R435	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R436	VRS-CY1JF680J	J 68	1/16W Metal Oxide	AA
R437	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R440	VRS-CY1JF392J	J 3.9k	1/16W Metal Oxide	AA
R441	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA
R442	VRS-CY1JF392J	J 3.9k	1/16W Metal Oxide	AA
R443	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA
R444	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA
R451	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA
R453	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA
R454	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R456	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R457	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R458	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R459	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R460	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R463	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R701	VRS-CY1JF1R0J	J 1	1/16W Metal Oxide	AA
R702	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R703	VRS-TW2ED103J	J 10k	1/4W Metal Oxide	AB
R704	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA
R705	VRS-TW2ED000J	J 0	1/4W Metal Oxide	AB
R706	VRS-CR3AD821J	J 820	1W Metal Oxide	AC
R707	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R708	VRS-CY1JF332F	J 3.3k	1/16W Metal Oxide	AA
R709	VRS-CY1JF123F	J 12k	1/16W Metal Oxide	AA
R710	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R711	VRS-CY1JF184J	J 180k	1/16W Metal Oxide	AA
R712	VRS-CY1JF683F	J 68k	1/16W Metal Oxide	AA
R713	VRS-CY1JF682F	J 6.8k	1/16W Metal Oxide	AA
R717	VRS-CY1JF152F	J 1.5k	1/16W Metal Oxide	AA
R718	VRS-CY1JF274J	J 270k	1/16W Metal Oxide	AA
R719	VRS-CY1JF393F	J 39k	1/16W Metal Oxide	AA
R720	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
R721	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R722	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
R723	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
R729	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA
R731	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA
R733	VRS-CY1JF152F	J 1.5k	1/16W Metal Oxide	AA
R734	VRS-CY1JF471F	J 470	1/16W Metal Oxide	AA
R735	VRS-CY1JF122F	J 1.2k	1/16W Metal Oxide	AA
R736	VRS-CY1JF1R0J	J 1	1/16W Metal Oxide	AA
R740	VRS-CR3AD220J	J 22	1W Metal Oxide	AC
R741	VRS-CR3AD220J	J 22	1W Metal Oxide	AC
R746	VRS-TQ2BD153J	J 15k	1/8W Metal Oxide	AA
R747	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA
R751	VRS-CY1JF274J	J 270k	1/16W Metal Oxide	AA
R752	VRS-CY1JF153F	J 15k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01					R873	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
MAIN PWB UNIT(Continued)					R874	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R753	VRS-CY1JF184J	J 180k	1/16W Metal Oxide	AA	R875	VRS-CY1JF180J	J 18	1/16W Metal Oxide	AA
R754	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA	R876	VRS-CY1JF821J	J 820	1/16W Metal Oxide	AA
R755	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R878	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R756	VRS-TW2ED391J	J 390	1/4W Metal Oxide	AA	R879	VRS-CY1JF222F	J 2.2k	1/16W Metal Oxide	AA
R757	VRS-CY1JF333F	J 33k	1/16W Metal Oxide	AA	R880	VRS-CY1JF122F	J 1.2k	1/16W Metal Oxide	AA
R758	VRS-CY1JF222F	J 2.2k	1/16W Metal Oxide	AA	R881	VRS-CY1JF751F	J 750	1/16W Metal Oxide	AA
R759	VRS-CY1JF222F	J 2.2k	1/16W Metal Oxide	AA	R882	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R760	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA	R885	VRS-CY1JF912F	J 9.1k	1/16W Metal Oxide	AA
R783	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R886	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R784	VRS-TW2ED102J	J 1k	1/4W Metal Oxide	AA	R888	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA
R786	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R889	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA
R787	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R890	VRS-CY1JF821J	J 820	1/16W Metal Oxide	AA
R788	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R891	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA
R801	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R892	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R802	VRS-CY1JF303J	J 30k	1/16W Metal Oxide	AA	R893	VRS-CY1JF162J	J 1.6k	1/16W Metal Oxide	AA
R803	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R894	VRS-CY1JF331F	J 330	1/16W Metal Oxide	AA
R804	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R895	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R805	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R901	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R806	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA	R1005	VRS-CB1JF221J	J 220	1/16W Metal Oxide	AC
R807	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA	R1006	VRS-CB1JF221J	J 220	1/16W Metal Oxide	AC
R810	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1010	VRS-CB1JF221J	J 220	1/16W Metal Oxide	AC
R811	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1013	VRS-CB1JF221J	J 220	1/16W Metal Oxide	AC
R812	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1014	VRS-CB1JF221J	J 220	1/16W Metal Oxide	AC
R813	VRS-CY1JF512J	J 5.1k	1/16W Metal Oxide	AA	R1015	VRS-CB1JF221J	J 220	1/16W Metal Oxide	AC
R814	VRS-CY1JF512J	J 5.1k	1/16W Metal Oxide	AA	R1026	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R816	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R1027	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R817	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1028	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R818	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1030	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R819	VRS-CY1JF225J	J 2.2M	1/16W Metal Oxide	AA	R1031	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R820	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1032	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R821	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA	R1033	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R822	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA	R1034	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R823	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1035	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R824	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1101	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R826	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA	R1102	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R827	VRS-CY1JF182J	J 1.8k	1/16W Metal Oxide	AA	R1104	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R829	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1105	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R831	VRS-CY1JF512F	J 5.1k	1/16W Metal Oxide	AA	R1106	VRS-CY1JF220J	J 22	1/16W Metal Oxide	AA
R832	VRS-CY1JF123F	J 12k	1/16W Metal Oxide	AA	R1107	VRS-TW2ED1R5J	J 1.5	1/4W Metal Oxide	AB
R833	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1108	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R834	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	R1109	VRS-TW2ED1R5J	J 1.5	1/4W Metal Oxide	AB
R836	VRS-CY1JF273F	J 27k	1/16W Metal Oxide	AA	R1110	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA
R837	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA	R1111	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R838	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA	R1112	VRS-CY1JF203F	J 20k	1/16W Metal Oxide	AA
R839	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1113	VRS-CY1JF302F	J 3k	1/16W Metal Oxide	AA
R840	VRS-CY1JF222F	J 2.2k	1/16W Metal Oxide	AA	R1114	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R841	VRS-CY1JF122F	J 1.2k	1/16W Metal Oxide	AA	R1115	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
R842	VRS-CY1JF751F	J 750	1/16W Metal Oxide	AA	R1116	VRS-CY1JF3R9J	J 3.9	1/16W Metal Oxide	AA
R843	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA	R1117	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R845	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1120	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R846	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1122	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R847	VRS-CY1JF751F	J 750	1/16W Metal Oxide	AA	R1123	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R848	VRS-CY1JF122F	J 1.2k	1/16W Metal Oxide	AA	R1125	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R849	VRS-CY1JF222F	J 2.2k	1/16W Metal Oxide	AA	R1126	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R850	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1127	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R851	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1128	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R852	VRS-CY1JF392J	J 3.9k	1/16W Metal Oxide	AA	R1132	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R853	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1133	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
R854	VRS-CY1JF473F	J 47k	1/16W Metal Oxide	AA	R1134	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R855	VRS-CY1JF153F	J 15k	1/16W Metal Oxide	AA	R1136	VRS-CY1JF393F	J 39k	1/16W Metal Oxide	AA
R856	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R1137	VRS-CY1JF333F	J 33k	1/16W Metal Oxide	AA
R857	VRS-CY1JF221J	J 220	1/16W Metal Oxide	AA	R1138	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
R858	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R1139	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R859	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1140	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R860	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R1141	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R861	VRS-CY1JF821J	J 820	1/16W Metal Oxide	AA	R1142	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R862	VRS-CY1JF221F	J 220	1/16W Metal Oxide	AA	R1143	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R863	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1144	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R864	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1145	VRS-CY1JF104F	J 100k	1/16W Metal Oxide	AA
R865	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1146	VRS-CY1JF821J	J 820	1/16W Metal Oxide	AA
R867	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R1147	VRS-CY1JF563F	J 56k	1/16W Metal Oxide	AA
R868	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA	R1148	VRS-CY1JF223F	J 22k	1/16W Metal Oxide	AA
					R1149	VRS-CY1JF223F	J 22k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01					R1295	VRS-CY1JF330J	J 33	1/16W Metal Oxide	AA
MAIN PWB UNIT(Continued)					R1321	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R1154	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R1801	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R1155	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R1802	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R1156	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R1805	VRS-CY1JF104F	J 100k	1/16W Metal Oxide	AA
R1157	VRS-CY1JF243F	J 24k	1/16W Metal Oxide	AA	R1812	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA
R1158	VRS-CY1JF393F	J 39k	1/16W Metal Oxide	AA	R1813	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA
R1159	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1815	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1160	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1816	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA
R1162	VRS-TW2ED390J	J 39	1/4W Metal Oxide	AA	R1817	VRS-CY1JF821J	J 820	1/16W Metal Oxide	AA
R1201	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA	R1818	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1202	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA	R1819	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1203	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA	R1820	VRS-CY1JF560J	J 56	1/16W Metal Oxide	AA
R1204	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1821	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1205	VRS-CB1JF220J	J 22	1/16W Metal Oxide	AC	R1822	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1206	VRS-CB1JF220J	J 22	1/16W Metal Oxide	AC	R1824	VRS-CY1JF273J	J 27k	1/16W Metal Oxide	AA
R1207	VRS-CB1JF220J	J 22	1/16W Metal Oxide	AC	R1825	VRS-CY1JF273J	J 27k	1/16W Metal Oxide	AA
R1208	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA	R1826	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1209	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA	R1827	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
R1210	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA	R1828	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA
R1211	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA	R1829	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1214	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R1830	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R1215	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA	R1831	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA
R1216	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1832	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1217	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA	R1833	VRS-CY1JF681J	J 680	1/16W Metal Oxide	AA
R1219	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA	R1834	VRS-CY1JF681J	J 680	1/16W Metal Oxide	AA
R1220	VRS-CY1JF151J	J 150	1/16W Metal Oxide	AA	R2001	VRS-CA1JF102J	J 1k	1/16W Metal Oxide	AA
R1221	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2002	VRS-TQ2BD121J	J 120	1/8W Metal Oxide	AA
R1222	VRS-CY1JF100J	J 10	1/16W Metal Oxide	AA	R2003	VRS-TQ2BD121J	J 120	1/8W Metal Oxide	AA
R1223	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA	R2004	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1224	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2005	VRS-CA1JF103J	J 10k	1/16W Metal Oxide	AA
R1225	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA	R2006	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1226	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA	R2007	VRS-CY1JF333J	J 33k	1/16W Metal Oxide	AA
R1227	VRS-CY1JF273J	J 27k	1/16W Metal Oxide	AA	R2008	VRS-CY1JF333J	J 33k	1/16W Metal Oxide	AA
R1228	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA	R2009	VRS-CA1JF271J	J 270	1/16W Metal Oxide	AA
R1229	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA	R2011	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1230	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2012	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1231	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R2017	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1232	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R2019	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1233	VRS-CY1JF470J	J 47	1/16W Metal Oxide	AA	R2025	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1237	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R2031	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1238	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R2034	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1239	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2035	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1240	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2039	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
R1242	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2045	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1243	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2046	VRS-CA1JF223J	J 22k	1/16W Metal Oxide	AA
R1244	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA	R2052	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1246	VRS-CY1JF100J	J 10	1/16W Metal Oxide	AA	R2053	VRS-CA1JF223J	J 22k	1/16W Metal Oxide	AA
R1247	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R2060	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1248	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R2061	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1250	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2062	VRS-CA1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1251	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2067	VRS-CB1JF471J	J 470	1/16W Metal Oxide	AC
R1252	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2083	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1253	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2085	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1254	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2801	VRS-CY1JF113J	J 11k	1/16W Metal Oxide	AA
R1255	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R2802	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1256	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA	R2803	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1257	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA	R2804	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1258	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R2805	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1259	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R2850	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1260	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R2851	VRS-CY1JF243J	J 24k	1/16W Metal Oxide	AA
R1261	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2852	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1266	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R2853	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1272	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2854	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1273	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2855	VRS-CY1JF511J	J 510	1/16W Metal Oxide	AA
R1274	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R2856	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1281	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA	R2857	VRS-CY1JF565J	J 5.6M	1/16W Metal Oxide	AA
R1282	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R2859	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1283	VRS-TQ2BD182J	J 1.8k	1/8W Metal Oxide	AA	R4090	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R1284	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R4091	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1285	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA	R4092	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1291	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA	R4093	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R1293	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R4094	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1294	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA	R4095	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA
					R4096	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01 MAIN PWB UNIT(Continued)					R7025	VRS-CY1JF224J	J 220k	1/16W Metal Oxide	AA
R4097	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R7026	VRS-CY1JF221J	J 220	1/16W Metal Oxide	AA
R4101	VRS-CB1JF391J	J 390	1/16W Metal Oxide	AC	R7027	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA
R4105	VRS-CB1JF391J	J 390	1/16W Metal Oxide	AC	R7028	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4109	VRS-TX2HF181J	J 180	1/2W Metal Oxide	AA	R7029	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA
R4110	VRS-TX2HF181J	J 180	1/2W Metal Oxide	AA	R7030	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA
R4111	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R7031	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA
R4112	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA	R7032	VRS-CY1JF911J	J 910	1/16W Metal Oxide	AA
R4113	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R7033	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA
R4114	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA	R7034	VRS-CY1JF911J	J 910	1/16W Metal Oxide	AA
R4115	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA	R7036	VRS-CY1JF132J	J 1.3k	1/16W Metal Oxide	AA
R4116	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA	R7037	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
R4117	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA	R7038	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R4118	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R7039	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R4119	VRS-CY1JF273J	J 27k	1/16W Metal Oxide	AA	R7040	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R4120	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R7041	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R4121	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R7042	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R4122	VRS-CY1JF271J	J 270	1/16W Metal Oxide	AA	R7043	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R4123	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R7044	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R4124	VRS-CB1JF391J	J 390	1/16W Metal Oxide	AC	R7045	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA
R4128	VRS-CB1JF391J	J 390	1/16W Metal Oxide	AC	R7046	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4132	VRS-CB1JF271J	J 270	1/16W Metal Oxide	AC	R7047	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4136	VRS-CB1JF271J	J 270	1/16W Metal Oxide	AC	R7048	VRS-CY1JF100J	J 10	1/16W Metal Oxide	AA
R4141	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R7049	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA
R4142	VRS-CY1JF560J	J 56	1/16W Metal Oxide	AA	R7050	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA
R4143	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA	R7051	VRS-CY1JF911J	J 910	1/16W Metal Oxide	AA
R4144	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA	R7052	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4145	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R7053	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA
R4146	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA	R7054	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4147	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA	R7055	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA
R4148	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7056	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA
R4149	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7058	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R4150	VRS-CY1JF560J	J 56	1/16W Metal Oxide	AA	R7059	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4151	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7060	VRS-CY1JF911J	J 910	1/16W Metal Oxide	AA
R4152	VRS-CY1JF182J	J 1.8k	1/16W Metal Oxide	AA	R7062	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA
R4153	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7066	VRS-CY1JF271J	J 270	1/16W Metal Oxide	AA
R4154	VRS-CY1JF333J	J 33k	1/16W Metal Oxide	AA	R7067	VRS-CY1JF271J	J 270	1/16W Metal Oxide	AA
R4155	VRS-CY1JF823J	J 82k	1/16W Metal Oxide	AA	R7071	VRS-CY1JF182J	J 1.8k	1/16W Metal Oxide	AA
R4156	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA	R7072	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R4157	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7078	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4158	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7079	VRS-CY1JF333J	J 33k	1/16W Metal Oxide	AA
R4159	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7080	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R4160	VRS-CY1JF272J	J 2.7k	1/16W Metal Oxide	AA	R7081	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R4161	VRS-CY1JF560J	J 56	1/16W Metal Oxide	AA	R7100	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R4163	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA	R7101	VRS-CY1JF222F	J 2.2k	1/16W Metal Oxide	AA
R4164	VRS-TV1JD681J	J 680	1/16W Metal Oxide	AA	R7103	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
R4165	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R7104	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R4167	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R7105	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R4168	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R7120	VRS-CY1JF272F	J 2.7k	1/16W Metal Oxide	AA
R4169	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA	R7731	VRS-CB1JF152J	J 1.5k	1/16W Metal Oxide	AC
R4170	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R7732	VRS-CA1JF152J	J 1.5k	1/16W Metal Oxide	AA
R4171	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA	R7733	VRS-CB1JF104J	J 100k	1/16W Metal Oxide	AA
R4172	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA	R7734	VRS-CA1JF104J	J 100k	1/16W Metal Oxide	AA
R4173	VRS-CY1JF821J	J 820	1/16W Metal Oxide	AA	R7735	VRS-CB1JF562J	J 5.6k	1/16W Metal Oxide	AC
R4174	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R7736	VRS-CA1JF562J	J 5.6k	1/16W Metal Oxide	AA
R4175	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R7737	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
R4176	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R7738	VRS-CA1JF152J	J 1.5k	1/16W Metal Oxide	AA
R7000	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R7739	VRS-CB1JF152J	J 1.5k	1/16W Metal Oxide	AC
R7003	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA	MISCELLANEOUS PARTS				
R7004	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA	PRDAR3229CEFW	J Heat Sink			AG
R7006	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	FB401	RBLN-0035TAZZ	J Balun, BLN-0035TA		AB
R7007	VRS-TX2HF2R2J	J 2.2	1/2W Metal Oxide	AB	FB402	RBLN-0035TAZZ	J Balun, BLN-0035TA		AB
R7008	VRS-TX2HF2R2J	J 2.2	1/2W Metal Oxide	AB	FB403	RBLN-0035TAZZ	J Balun, BLN-0035TA		AB
R7009	VRS-CY1JF182J	J 1.8k	1/16W Metal Oxide	AA	FB451	RBLN-0035TAZZ	J Balun, BLN-0035TA		AB
R7010	VRS-CY1JF182J	J 1.8k	1/16W Metal Oxide	AA	FB702	RBLN-0051TAZZ	J Balun, BLN-0051TA		AC
R7011	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA	FB704	RBLN-0051TAZZ	J Balun, BLN-0051TA		AC
R7012	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA	FB705	RBLN-0095CEZZ	J Balun, BLN-0095CE		AD
R7013	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	FB706	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD
R7020	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	FB708	RBLN-0095CEZZ	J Balun, BLN-0095CE		AD
R7021	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA	FB709	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD
R7022	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	FB710	RBLN-0095CEZZ	J Balun, BLN-0095CE		AD
R7023	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	FB751	RBLN-0095CEZZ	J Balun, BLN-0095CE		AD
R7024	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA	FB752	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD
					FB801	RBLN-0035TAZZ	J Balun, BLN-0035TA		AB

Ref. No.	Part No.	★	Description	Code
DUNTKA016FE01 MAIN PWB UNIT(Continued)				
FB802	RBLN-0035TAZZ	J	Balun, BLN-0035TA	AB
FB803	RBLN-0035TAZZ	J	Balun, BLN-0035TA	AB
FB807	RBLN-0035TAZZ	J	Balun, BLN-0035TA	AB
FB808	RBLN-0035TAZZ	J	Balun, BLN-0035TA	AB
FB850	RBLN-0035TAZZ	J	Balun, BLN-0035TA	AB
FB1001	RBLN-0006TAZZ	J	Balun, BLN-0006TA	AB
FB1003	RBLN-0006TAZZ	J	Balun, BLN-0006TA	AB
FB1006	RBLN-0006TAZZ	J	Balun, BLN-0006TA	AB
FB1009	RBLN-0006TAZZ	J	Balun, BLN-0006TA	AB
FB1201	RBLN-0090CEZZ	J	Balun, BLN-0090CE	AD
FB1202	RBLN-0090CEZZ	J	Balun, BLN-0090CE	AD
FB1203	RBLN-0090CEZZ	J	Balun, BLN-0090CE	AD
FB1204	RBLN-0090CEZZ	J	Balun, BLN-0090CE	AD
FB1205	RBLN-0090CEZZ	J	Balun, BLN-0090CE	AD
FB1208	RBLN-0006TAZZ	J	Balun, BLN-0006TA	AB
FB1209	RBLN-1038CEZZ	J	Balun, BLN-1038CE	AB
FB4102	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB4103	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB4105	RBLN-0065CEZZ	J	Balun, BLN-0065CE	AB
FB4106	RBLN-0065CEZZ	J	Balun, BLN-0065CE	AB
FB4107	RBLN-0065CEZZ	J	Balun, BLN-0065CE	AB
FB4109	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB4110	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB4111	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB7050	RBLN-0061TAZZ	J	Balun, BLN-0061TA	AD
FB7051	RBLN-0061TAZZ	J	Balun, BLN-0061TA	AD
FB7052	RBLN-0061TAZZ	J	Balun, BLN-0061TA	AD
FB7055	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB7056	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB7057	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB7058	RBLN-0059CEZZ	J	Balun, BLN-0059CE	AB
FB7100	RBLN-0061TAZZ	J	Balun, BLN-0061TA	AD
FB7101	RBLN-0061TAZZ	J	Balun, BLN-0061TA	AD
FB7103	RBLN-0061TAZZ	J	Balun, BLN-0061TA	AD
P305	QPLGN0278GEZZ	J	Plug, 2Pin	AA
P701	QPLGN1478GEZZ	J	Plug, 14Pin	AC
P753	QPLGN0378GEZZ	J	Plug, 3Pin	AB
P754	QPLGN0378GEZZ	J	Plug, 3Pin	AB
P803	QPLGN1220REZZ	J	Plug, 12Pin	AC
P804	QPLGN0478GEZZ	J	Plug, 4Pin	AB
P805	QPLGN0420REZZ	J	Plug, 4Pin	AA
P2002	QPLGN1320REZZ	J	Plug, 13Pin	AC
P2003	QPLGN0620REZZ	J	Plug, 6pin	AB
SC402	QSOCN0464FJZZ	J	Socket, 50Pin	AH
SC1201	QSOCN0461FJZZ	J	Socket, 53Pin	AH
SC1202	QSOCN0206FJZZ	J	Socket, 30Pin	AF

DUNTKA017DE01 TERMINAL PWB UNIT

INTEGRATED CIRCUITS

IC304	VHiNJM4560M-1	J	NJM4560M, Rear BPF	AG
IC308	VHiNJM2283F-1	J	NJM2283M, L/R Select	AF
IC312	VHiTA8184F/-1	J	TA8184F, Sound Control	AN
IC313	VHiTC4053BF-1	J	TC4053BF, Normal/Vol Select	AG
IC314	VHiNJM4560M-1	J	NJM4560M, Amp	AG
IC317	VHiNJM3414V-1	J	NJM3414V, Head Phon Amp	AF
IC318	VHiNJM4560M-1	J	NJM4560M, Front BPF	AG
IC403	VHiTC4053BF-1	J	TC4053BF, Out/In Select	AG
IC704	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC2007	VHiMAX3100/-1	J	MAX3100	AZ
IC2008	VHiHiN232/-1	J	HiN232	AL

TRANSISTORS

Q301	VSDTC314TK/-1	J	DTC314TK	AC
Q302	VSDTC314TK/-1	J	DTC314TK	AC
Q303	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q304	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q310	VSUMG4/////1	J	UMG4	AC

Ref. No.	Part No.	★	Description	Code
Q412	VSUMG4/////1	J	UMG4	AC
DIODES				
D2005	VHDMN10///-1	J	IMN10	AB
D3301	VHDMA3120WA-1	J	MA3120WA	AK
D3302	VHDMA3120WA-1	J	MA3120WA	AK
D3303	VHDMA3120WA-1	J	MA3120WA	AK
D3304	VHDMA3120WA-1	J	MA3120WA	AK
D3305	VHDMA3120WA-1	J	MA3120WA	AK
D3306	VHDMA3120WA-1	J	MA3120WA	AK
D3401	RH-EX0879CEZZ	J	Zener Diode	AD
D3402	RH-EX0879CEZZ	J	Zener Diode	AD
D3403	VHDMA3120WA-1	J	MA3120WA	AK
D3404	VHDMA3120WA-1	J	MA3120WA	AK
D3405	VHDMA3120WA-1	J	MA3120WA	AK
D3406	VHDMA3120WA-1	J	MA3120WA	AK
PACKAGED CIRCUIT				
X2071	RCRSC0013CEZZ	J	Crystal, CRSC0013CE	AH
FILTERS				
FL3301	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3302	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3303	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3410	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3411	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3412	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3413	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
FL3414	RFiLN0017TAZZ	J	Filter, FiLN0017TA	AC
COIL				
L380	VP-1M101J7R7N	J	Peaking, 100μH	AC
CAPACITORS				
C303	VCEAPF1EN475M	J 4.7	25V Electrolytic	AC
C304	VCEAPF1EN475M	J 4.7	25V Electrolytic	AC
C307	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C308	VCEAPF1HN105M	J 1	50V Electrolytic	AD
C309	VCEAPF1HN105M	J 1	50V Electrolytic	AD
C311	VCKYTV1CF105Z	J 1	16V Ceramic	AB
C313	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C317	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C318	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C319	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C320	VCEAPH1CW106M	J 10	16V Electrolytic	AB
C321	VCEAPH1CW106M	J 10	16V Electrolytic	AB
C330	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C331	VCKYTV1CB105K	J 1	16V Ceramic	AC
C332	VCKYTV1CB105K	J 1	16V Ceramic	AC
C335	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C336	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C337	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C338	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C339	VCEAPF1CN226M	J 22	16V Electrolytic	AD
C340	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C358	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD
C378	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C379	VCEAPF1CN106M	J 10	16V Electrolytic	AD
C380	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C381	VCEAPF0JN226M	J 22	6.3V Electrolytic	AD
C382	VCKYCY1EB223K	J 0.022	25V Ceramic	AA
C383	VCEAPF1HN475M	J 4.7	50V Electrolytic	AD
C389	VCKYCY1EB223K	J 0.022	25V Ceramic	AA
C391	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C435	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C447	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C450	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C873	VCCCCY1HH271J	J 270p	50V Ceramic	AA
C879	VCCCCY1HH271J	J 270p	50V Ceramic	AA
C952	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C953	VCEAPH1CN106M	J 10	16V Electrolytic	AD
C954	VCFRED1HM822J	J 8200p	50V	AD
C955	VCFYEC1HM224J	J 0.22	50V	AE
C956	VCEAPH1CN106M	J 10	16V Electrolytic	AD

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA017DE01 TERMINAL PWB UNIT(Continued)					R341	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C957	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R345	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C958	VCEAPF1CN476M	J 47	16V Electrolytic	AD	R346	VRS-CY1JF823J	J 82k	1/16W Metal Oxide	AA
C959	VCEAPF1CN476M	J 47	16V Electrolytic	AD	R347	VRS-CY1JF823J	J 82k	1/16W Metal Oxide	AA
C960	VCFRED1HM822J	J 820Op	50V	AD	R349	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
C961	VCFYEC1HM224J	J 0.22	50V	AE	R355	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
C962	VCEAPH1CN106M	J 10	16V Electrolytic	AD	R357	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
C963	VCKYTV1CF105Z	J 1	16V Ceramic	AB	R362	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C964	VCKYTV1CF105Z	J 1	16V Ceramic	AB	R363	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA
C971	VCKYTV1CF105Z	J 1	16V Ceramic	AB	R364	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA
C972	VCKYTV1CF105Z	J 1	16V Ceramic	AB	R365	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
C973	VCKYTV1CF105Z	J 1	16V Ceramic	AB	R366	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
C2071	VCCCCY1HH5R0C	J 5p	50V Ceramic	AA	R367	VRS-CY1JF683J	J 68k	1/16W Metal Oxide	AA
C2072	VCCCCY1HH5R0C	J 5p	50V Ceramic	AA	R369	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA
C2073	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R372	VRS-CY1JF392J	J 3.9k	1/16W Metal Oxide	AA
C2074	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R373	VRS-CY1JF392J	J 3.9k	1/16W Metal Oxide	AA
C2075	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R374	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C2076	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R375	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C2077	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R378	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C2078	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R380	VRS-CY1JF474J	J 470k	1/16W Metal Oxide	AA
C2079	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R381	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
C2080	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R382	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2081	VCEAPF1AW226M	J 22	10V Electrolytic	AB	R383	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2082	VCEAPF1HW105M	J 1	50V Electrolytic	AB	R386	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C2083	VCKYTQ1EF105Z	J 1	25V Ceramic	AD	R387	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C2084	VCEAPF1HW105M	J 1	50V Electrolytic	AB	R388	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C2085	VCKYTQ1EF105Z	J 1	25V Ceramic	AD	R390	VRS-CY1JF563F	J 56k	1/16W Metal Oxide	AA
C2086	VCEAPF1HW105M	J 1	50V Electrolytic	AB	R391	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
C2087	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R392	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
C2088	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA	R393	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
C2089	VCCCCY1HH220J	J 22p	50V Ceramic	AA	R397	VRS-CY1JF104F	J 100k	1/16W Metal Oxide	AA
C2090	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	R398	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
C3307	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	R411	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C3308	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R419	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C3309	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R448	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
C3311	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	R461	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
C3312	VCCCCY1HH121J	J 120p	50V Ceramic	AA	R462	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
C3313	VCCCCY1HH121J	J 120p	50V Ceramic	AA	R464	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C3321	VCCCCY1HH121J	J 120p	50V Ceramic	AA	R465	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C3402	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R477	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA
RESISTORS					R724	VRS-CY1JF302F	J 3k	1/16W Metal Oxide	AA
FB3412	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R725	VRS-CY1JF102F	J 1k	1/16W Metal Oxide	AA
FB3413	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R1301	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
FB3414	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R1302	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
FB3415	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R1305	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
FB3416	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R1311	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
FB3417	VRS-TQ2BD000J	J 0	1/8W Metal Oxide	AA	R2071	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R301	VRS-CY1JF183J	J 18k	1/16W Metal Oxide	AA	R2072	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R302	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2073	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R303	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2074	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R304	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2075	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R305	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2076	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R306	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2077	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R307	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2078	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R308	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2079	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R309	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2080	VRS-CA1JF103J	J 10k	1/16W Metal Oxide	AA
R310	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2090	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R311	VRS-CY1JF183J	J 18k	1/16W Metal Oxide	AA	R2091	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R312	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R2092	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R313	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA	R2093	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R318	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R2094	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R319	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R3301	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R320	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R3302	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R321	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R3303	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R322	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R3304	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R323	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R3305	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA
R324	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R3306	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R325	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R3307	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R326	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	R3308	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R328	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R3309	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R329	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA	R3310	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
R340	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA	R3313	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
					R3314	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
					R3315	VRS-TV1JD101J	J 100	1/16W Metal Oxide	AA
					R3316	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
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DUNTKA017DE01 TERMINAL PWB UNIT(Continued)

R3319	VRS-TQ2BD750J	J 75	1/8W	Metal Oxide	AA
R3320	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide	AA
R3401	VRS-TQ2BD750J	J 75	1/8W	Metal Oxide	AA
R3402	VRS-TV1JD101J	J 100	1/16W	Metal Oxide	AA
R3404	VRS-TV1JD101J	J 100	1/16W	Metal Oxide	AA
R3405	VRS-TQ2BD750J	J 75	1/8W	Metal Oxide	AA
R3406	VRS-TV1JD101J	J 100	1/16W	Metal Oxide	AA
R3407	VRS-TQ2BD750J	J 75	1/8W	Metal Oxide	AA
R3408	VRS-TV1JD101J	J 100	1/16W	Metal Oxide	AA
R3409	VRS-TQ2BD750J	J 75	1/8W	Metal Oxide	AA
R3410	VRS-TV1JD101J	J 100	1/16W	Metal Oxide	AA
R3411	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide	AA
R3412	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide	AA
R3413	VRS-TV1JD102J	J 1k	1/16W	Metal Oxide	AA
R3417	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB3407	RBLN-0060TAZZ	J	Balun, BLN-0060TA	AB
FB3408	RBLN-0060TAZZ	J	Balun, BLN-0060TA	AB
FB3409	RBLN-0060TAZZ	J	Balun, BLN-0060TA	AB
△ FH701	QFSDH1002CEZZ	J	Fuse Holder	AA
△ FH702	QFSDH1002CEZZ	J	Fuse Holder	AA
△ FH703	QFSDH1002CEZZ	J	Fuse Holder	AA
△ FH704	QFSDH1002CEZZ	J	Fuse Holder	AA
△ F702	QFS-C2023CEZZ	J	Fuse, 2A 250V	AD
△ F703	QFS-C2521CEZZ	J	Fuse, 2.5A 250V	AD
J3302	QJAKF0056CEZZ	J	Jack, Audio	AG
J3401	QJAKG0060CEZZ	J	Jack	AH
J3402	QJAKG0060CEZZ	J	Jack	AH
J3403	QJAKG0059CEZZ	J	Jack, Video	AH
J3701	QJAKE0193CEZZ	J	Jack, DC	AK
P3302	QPLGN0280GEZZ	J	Plug, 2Pin	AB
P3304	QPLGN0280GEZZ	J	Plug, 2Pin	AB
P3701	QPLGN0428FJZZ	J	Plug, 18Pin	AD
SC3301	QSOCD0430CEZZ	J	Socket	AE
SC3401	QSOCD0464FJZZ	J	Socket, 50Pin	AH
SC3402	QSOCD0902CEZZ	J	Socket	AL

DUNTKA018DE01 INVERTER PWB UNIT

TRANSISTORS

Q7751	VSFZT1053A/-1	J	FZT1053A	AG
Q7752	VSFZT1053A/-1	J	FZT1053A	AG
Q7753	VSFZT1053A/-1	J	FZT1053A	AG
Q7754	VSFZT1053A/-1	J	FZT1053A	AG
Q7755	VS2SA1037KQ-1	J	2SA1037KQ	AA

COILS

L7752	RCiLC0153CEZZ	J	Coil, CiLC0153CE	AG
L7753	RCiLC0153CEZZ	J	Coil, CiLC0153CE	AG
L7755	RCiLC0153CEZZ	J	Coil, CiLC0153CE	AG
L7756	RCiLC0153CEZZ	J	Coil, CiLC0153CE	AG

TRANSFORMERS

△ T7751	RTRNZ0776CEZZ	J	Transformer	AM
△ T7752	RTRNZ0776CEZZ	J	Transformer	AM
△ T7753	RTRNZ0776CEZZ	J	Transformer	AM
△ T7754	RTRNZ0776CEZZ	J	Transformer	AM
△ T7755	RTRNZ0776CEZZ	J	Transformer	AM
△ T7756	RTRNZ0776CEZZ	J	Transformer	AM

CAPACITORS

C7752	RC-FZ0175CEZZ	J	0.15	AG
C7756	RC-FZ0175CEZZ	J	0.15	AG
C7759	VCKYCY1HF393Z	J	0.039 50V	Ceramic AB
C7760	VCKYCY1HF393Z	J	0.039 50V	Ceramic AB
C7761	VCEAPW1CN477M	J	470 16V	Electrolytic AE
C7762	VCEAPW1CN477M	J	470 16V	Electrolytic AE

Ref. No.	Part No.	★	Description	Code
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C7763	VCEAPW1CN477M	J	470 16V	Electrolytic AE
C7764	RC-FZ0175CEZZ	J	0.15	AG
C7765	RC-FZ0175CEZZ	J	0.15	AG

RESISTORS

R7751	VRS-TW2ED332J	J	3.3k 1/4W	Metal Oxide AB
R7752	VRS-TW2ED332J	J	3.3k 1/4W	Metal Oxide AB
R7753	VRS-TW2ED332J	J	3.3k 1/4W	Metal Oxide AB
R7754	VRS-TW2ED332J	J	3.3k 1/4W	Metal Oxide AB
R7755	VRS-CY1JF822J	J	8.2k 1/16W	Metal Oxide AA
R7756	VRS-CY1JF333J	J	33k 1/16W	Metal Oxide AA

MISCELLANEOUS PARTS

△ FH7751	QFSDH1002CEZZ	J	Fuse Holder	AA
△ FH7752	QFSDH1002CEZZ	J	Fuse Holder	AA
△ F7751	QFS-C5022CEZZ	J	Fuse, 5A 250V	AD
P7751	QPLGN0447FJZZ	J	Plug, 3Pin	AE
P7753	QPLGN0447FJZZ	J	Plug, 3Pin	AE
P7755	QPLGN0578GEZZ	J	Plug, 5Pin	AB

DUNTKA019DE01 SW PWB UNIT

TRANSISTORS

Q4003	VSDTC144EE/-1	J	DTC144EE	AA
Q4006	VS2SC2712Y/-1	J	2SC2712Y	AB
Q4007	VS2SC2712Y/-1	J	2SC2712Y	AB
Q4008	VSUPA606T/-1	J	UPA606T	AD

DIODES

D4005	VHDMA3120WA-1	J	MA3120WA	AK
D4006	VHDMA3120WA-1	J	MA3120WA	AK
D4008	RH-EX0891CEZZ	J	Zener Diode	AC
D4009	RH-EX0879CEZZ	J	Zener Diode	AD
D4010	RH-EX0879CEZZ	J	Zener Diode	AD
D4012	RH-EX0879CEZZ	J	Zener Diode	AD
D4013	RH-PX0421CEZZ	J	PhotoDiode	AD
D4014	RH-PX0421CEZZ	J	PhotoDiode	AD
D4022	RH-EX0879CEZZ	J	Zener Diode	AD

CAPACITORS

C4001	VCEAPF1CW476M	J	47 16V	Electrolytic AC
C4003	VCEAPF1CW476M	J	47 16V	Electrolytic AC
C4018	RC-KZ1025CEZZ	J	1 10V	Ceramic AB
C4020	VCCCCY1HH471J	J	470p 50V	Ceramic AA
C4021	VCCCCY1HH471J	J	470p 50V	Ceramic AA

RESISTORS

R4005	VRS-CY1JF123J	J	12k 1/16W	Metal Oxide AA
R4006	VRS-CY1JF822J	J	8.2k 1/16W	Metal Oxide AA
R4011	VRS-CY1JF123J	J	12k 1/16W	Metal Oxide AA
R4012	VRS-CY1JF822J	J	8.2k 1/16W	Metal Oxide AA
R4013	VRS-TX2HF330J	J	33 1/2W	Metal Oxide AA
R4014	VRS-CY1JF392J	J	3.9k 1/16W	Metal Oxide AA
R4015	VRS-TX2HF330J	J	33 1/2W	Metal Oxide AA
R4016	VRS-CY1JF392J	J	3.9k 1/16W	Metal Oxide AA
R4021	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R4023	VRS-CY1JF183J	J	18k 1/16W	Metal Oxide AA
R4024	VRS-CY1JF183J	J	18k 1/16W	Metal Oxide AA
R4025	VRS-CY1JF472J	J	4.7k 1/16W	Metal Oxide AA
R4026	VRS-CY1JF472J	J	4.7k 1/16W	Metal Oxide AA
R4027	VRS-CY1JF820J	J	82 1/16W	Metal Oxide AA
R4028	VRS-CY1JF331J	J	330 1/16W	Metal Oxide AA
R4029	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA

MISCELLANEOUS PARTS

	PSLDM4570CEFW	J	Shield	AE
FB4020	RBLN-0062CEZZ	J	Balun, BLN-0062CE	AC
FB4021	RBLN-0062CEZZ	J	Balun, BLN-0062CE	AC
FB4022	RBLN-0062CEZZ	J	Balun, BLN-0062CE	AC
J4001	QJAKJ0063CEZZ	J	Jack	AF
P4004	QPLGN1320REZZ	J	Plug, 13Pin	AC

Ref. No.	Part No.	★	Description	Code
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DUNTKA019DE01 SW PWB UNIT(Continued)

RMC4002	RRMCU0225CEZZ	J	Remote Receiver	AK
SW4002	QSW-K0087GEZZ	J	Switch, Select ▼	AC
SW4003	QSW-K0087GEZZ	J	Switch, Select ▲	AC
SW4004	QSW-K0087GEZZ	J	Switch, Menu	AC
SW4006	QSW-K0087GEZZ	J	Switch, AV Input	AC
SW4007	QSW-K0087GEZZ	J	Switch, Vol (-)	AC
SW4008	QSW-K0087GEZZ	J	Switch, Vol (+)	AC
S4701	QSW-P0614CEZZ	J	Switch	AF

DUNTKA047DE01 RGB PWB UNIT

DIODES

D3407	VHDMA3120WA-1	J	MA3120WA	AK
D3408	VHDMA3120WA-1	J	MA3120WA	AK
D3410	VHDMA157A/-1	J	MA157A	AC
D3411	VHDMA157A/-1	J	MA157A	AC
D3412	VHDMA157A/-1	J	MA157A	AC
D3413	VHDMA157A/-1	J	MA157A	AC
D3414	VHDMA157A/-1	J	MA157A	AC
D3415	VHDMA157A/-1	J	MA157A	AC

FILTERS

FL3401	RFILN0003TAZZ	J	Filter, FiLN0003TA	AD
FL3402	RFILN0003TAZZ	J	Filter, FiLN0003TA	AD
FL3403	RFILN0003TAZZ	J	Filter, FiLN0003TA	AD

CAPACITORS

C3410	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3411	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3412	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C3413	VCEAPH1CW106M	J	10 16V Electrolytic	AB
C3414	VCEAPH1CW106M	J	10 16V Electrolytic	AB
C3415	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C3416	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C3417	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA

RESISTORS

FB3410	VRS-TQ2BD000J	J	0 1/8W Metal Oxide	AA
FB3411	VRS-TQ2BD000J	J	0 1/8W Metal Oxide	AA
R3420	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R3421	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R3422	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R3423	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R3424	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3425	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3426	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3440	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3441	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3442	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3443	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3444	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3445	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3446	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3447	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3448	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA
R3449	VRS-TV1JD101J	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB3404	RBLN-0060TAZZ	J	Balun, BLN-0060TA	AB
FB3405	RBLN-0060TAZZ	J	Balun, BLN-0060TA	AB
FB3406	RBLN-0060TAZZ	J	Balun, BLN-0060TA	AB
J3410	QJAKJ0008GEZZ	J	Jack	AD
P3401	QPLGN0301FJZZ	J	Plug, 18Pin	AD
SC3403	QSOCN0344FJZZ	J	Socket, 16Pin	AM

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



QACCK0002TAZZ	J	AC Cable(LC-20VM2E)	AM
QACCB0102CEZZ	J	AC Cable(LC-20VM2E(K))	AV
QCNW-1335TAZZ	J	AV Cable	AM
QCNW-5288CEZZ	J	RS232C Cable	AM
TCAUZ1034CEZZ	J	A method manual to have	AF
TiNS-6860CEZZ	J	Operation Manual	AY
RRMCG1459CESA	J	Remote Control	AS
UADP-0205CEZZ	J	AC Adapter	BU

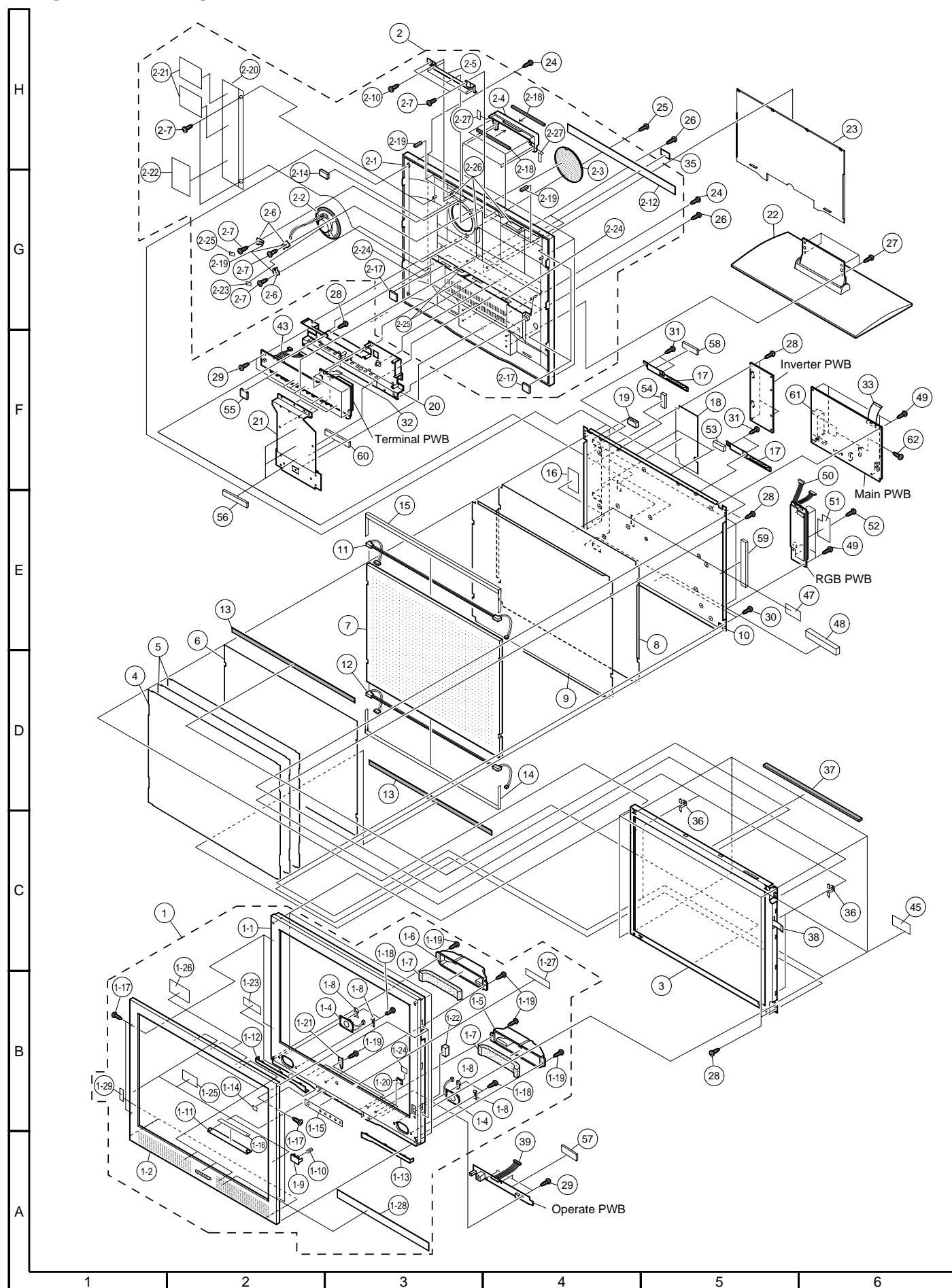
PACKING PARTS (NOT REPLACEMENT ITEM)

SPAKC5378CEZZ	-	Packing Case	—
SPAKF0395CEZZ	-	Packing Add. (Top)	—
SPAKF0396CEZZ	-	Packing Add. (Bottom)	—
SPAKP0797CEZZ	-	Wrapping Paper	—
SPAKX2894CEZZ	-	Packing Add.	—
SSAKA0160CEZZ	-	Polystyrene Sack	—
TLABN0157CEZZ	-	No. Card	—

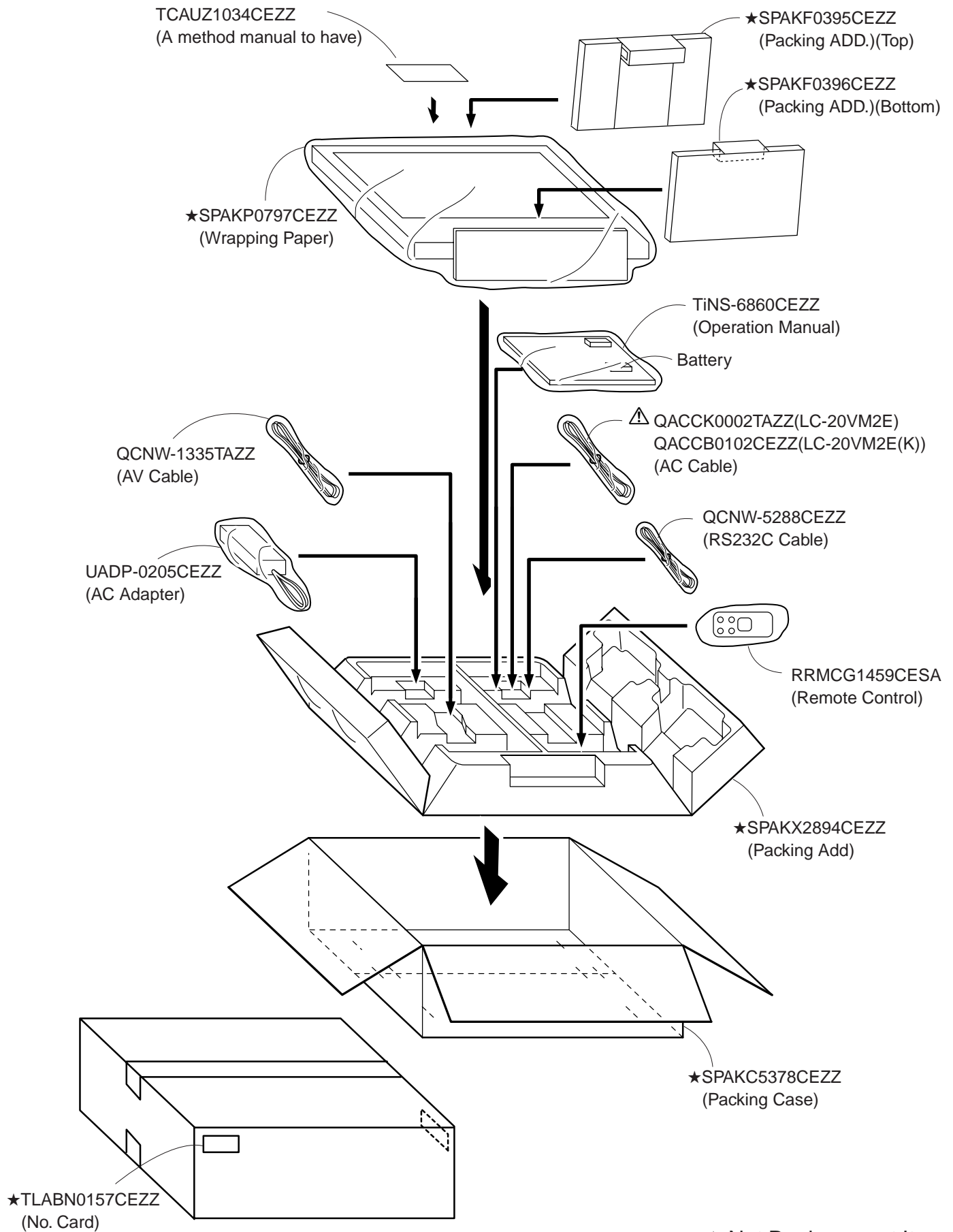
Ref. No.	Part No.	★	Description	Code
CABINET PARTS				
1	CCABA2380CE04	J	Cabinet A Ass'y	BV
1-1		-	Cabinet A	—
1-2	HDECA0757CESA	J	Aluminum Decoration Plate	BQ
1-4	VSP4030P-44YD	J	Speaker	AR
1-5	PCOVP1083CEKZ	J	Speaker Cover (R)	AG
1-6	PCOVP1082CEKZ	J	Speaker Cover (L)	AG
1-7	PFLT-0028CEZZ	J	Sound Absorbing Material	AD
1-8	LANGS0122CEFW	J	Speaker Fixing Metal	AD
1-9	JBTN-2042CESA	J	Power Button	AG
1-10	MSPRC0203CEFW	J	Power Button Spring	AC
1-11	GDORF2048CEKA	J	Front Door	AF
1-12	GCOVA1798CESA	J	Front Cover (L)	AF
1-13	GCOVA1844CESA	J	Front Cover (R)	AG
1-14	GCOVA1840CESA	J	LED Dec Cover	AC
1-15	HiNDP5463CESA	J	Decoration Indicator Plate (Switch Side)	AD
1-16	HiNDP5464CESA	J	Decoration Indicator Plate (Door Side)	AK
1-17	LX-HZ3111CEFN	J	Screw	AB
1-18	XEBSD20P05000	J	Screw	AA
1-19	XEBSD30P08000	J	Screw	AA
1-20	GCOVA1808CEZZ	J	LED Cover	AE
1-21	MSPRP0204CEFW	J	Spring Door Hinge	AD
1-22	QEARZ0017CEZZ	J	Electrostatic Gasket	AC
1-23	PSHEP0027CEZZ	J	Covering Sheet	AA
1-24	PMLT-0356CEZZ	J	LED Molt	AB
1-25	PSPAH0623CEZZ	J	Spacer	AB
1-26	PSPAH0624CEZZ	J	Spacer	AB
1-27	PSPAH0631CEZZ	J	Spacer	AB
1-28	PSPAZ0315CEZZ	J	Both Side Tape	AD
1-29	PSPAZ0316CEZZ	J	Both Side Tape	AD
2	CCABB2277CE01	J	Cabinet B Ass'y	BT
2-1		-	Cabinet B	—
2-2	VSP0080WBP56A	J	Speaker	AV
2-3	HPNC-0454CESA	J	Punching Metal	AK
2-4	JHNDP0102CEKB	J	Handle	AT
2-5	LANGU9046CEFW	J	Handle Fixing Metal	AF
2-6	LANGS0133CEFW	J	Speaker Fixing Metal	AC
2-7	XEBSD30P08000	J	Screw	AA
2-10	XEBSD40P10000	J	Screw	AA
2-12	HiNDP5465CESA	J	Model Indicator Label	AF
2-14	QEARZ0014CEZZ	J	Electrostatic Earth	AC
2-17	PMLT-0355CEZZ	J	Covering Spacer	AC
2-18	PSPAG0344CE00	J	Sound Leakage Spacer	AC
2-19	PMLT-0354CEZZ	J	Sound Leakage Packing	AB
2-20	LANGU9047CEFW	J	SP Angle	AP
2-21	PSPAG0343CE00	J	Molt Plane	AB
2-22	PSPAG0342CE00	J	Molt Plane	AC
2-23	PSPAH0628CEZZ	J	Optical Leakage Spacer	AC
2-24	PSPAH0632CEZZ	J	Spacer	AC
2-25	PSPAH0624CEZZ	J	Spacer	AB
2-26	PSPAH0621CEZZ	J	Spacer	AB
2-27	PSPAG0354CEZZ	J	Sound Leakage Packing	AB
3	RLCDT0053CEZZ	J	20-inch liquid crystal panel	BR
4	PSHEP0180CEZZ	J	Reflection Polarising Sheet	BR
5	PSHEP0179CEZZ	J	Diffusion Sheet	AS
6	PSHEP0183CEZZ	J	ITO Sheet	BC
7	PGiDM0058CEZZ	J	Light Guide Sheet	BK
8	PSHEP0186CEZZ	J	Reflection Sheet A	AN
9	PSHEP0187CEZZ	J	Reflection Sheet B	AN
10	PSLDM4598CEFW	J	Shield Plate	AT
⚠ 11	KLMP-0091CEZZ	J	Lamp Unit (Upper)	BB
⚠ 12	KLMP-0092CEZZ	J	Lamp Unit (Lower)	BB
13	PSPAK0003CEZZ	J	Spacer For Reflection Sheet	AG
14	PSHEP0185CEZZ	J	Lamp Reflector (Lower)	AF
15	PSHEP0184CEZZ	J	Lamp Reflector (Upper)	AF
16	PSPAG0342CE00	J	Spacer	AE
17	PRDAR1552CEFW	J	Cooling Wheel	AH
18	PZETK0065CEZZ	J	Insulator	AH
19	LHLDW1173CEZZ	J	Wire Holder	AD
20	GCOVA1842CEKA	J	Terminal PWB Holder	AM
21	LANGU9042CEFW	J	Reinforcement plate	AN

Ref. No.	Part No.	★	Description	Code
22	CCOVA1811CE02	J	Table Stand Ass'y	BQ
23	CCOVA1841CE01	J	Terminal Cover	AU
24	XEBSN40P16000	J	Screw	AB
25	XEBSN30P08000	J	Screw	AA
26	XBBSN30P08000	J	Screw	AA
27	XBBSN40P10000	J	Screw	AB
28	XBBSN30P06000	J	Screw	AA
29	XEBSD30P08000	J	Screw	AA
30	XEBSD40P10000	J	Screw	AA
31	XBBSF30P04000	J	Screw	AA
32	QCNW-5152CEZZ	J	Terminal Cable	AF
33	QCNW-5299CEZZ	J	FFC	AH
35	TLABN0213CEZZ	J	No. Card (LC-20VM2E)	AA
35	TLABN0214CEZZ	J	No. Card (LC-20VM2E(K))	AA
36	LANGQ9206CEFW	J	ITO Grounding Angle	AF
37	PSPAZ0311CEZZ	J	Spacer	AF
38	QCNW-5151CEZZ	J	FFC	AG
39	QCNW-5502CEZZ	J	Connecting Cord	AK
43	QCNW-5499CEZZ	J	Power Cable (Harness)	AQ
45	PSPAK0004CEZZ	J	Spacer	AB
47	PSPAK0008CEZZ	J	Spacer	AC
48	PSPAG0338CEZZ	J	Spacer	AB
49	XBPSD30P06JS0	J	Screw	AA
50	QCNW-5500CEZZ	J	VGA-Cable	AN
51	HPNLH3013CESA	J	PC Terminal Cover	AL
52	NSFTZ0134CEFW	J	PC Terminal Cover Screw	AD
53	QEARZ0018CEZZ	J	Gasket	AE
54	QEARZ0019CEZZ	J	Gasket	AG
55	QEARZ0020CEZZ	J	Gasket	AD
56	QEARZ0021CEZZ	J	Gasket	AE
57	QEARZ0022CEZZ	J	Gasket	AE
58	QEARZ0023CEZZ	J	Gasket	AF
59	QEARZ0024CEZZ	J	Gasket	AK
60	QEARZ0025CEZZ	J	Gasket	AH
61	PRDAR3229CEFW	J	Cooling Wheel	AG
62	XBPSD30P10JS0	J	Screw	AA

CABINET EXPLODED VIEW



14. PACKING OF THE SET



★ Not Replacement Item



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