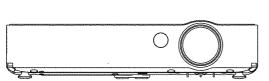
Service Manual

LCD Projector





PT-LB50NTU
PT-LB50NTEA
PT-LB50NTEA
PT-LB50U
PT-LB50E
PT-LB50EA
PT-LB50SU
PT-LB50SE
PT-LB50SEA

The service technician is required to read and follow the "Safety Precautions" and "Important Safety Notice" in this service manual. **Specifications** AUDIO IN: Single-Line, RCA pin jack × 2 (L-R) Power supply: 100 V - 240 V AC, 50 Hz / 60 Hz 0.5 V [rms] Power consumption: PC AUDIO IN: Single-Line, M3 jack (Stereo MINI) 240 W [During standby (when fan is stopped): 0.5 V [rms] Approx. 4 W] **VARIABLE AUDIO OUT:** Amps: 2.8 A - 1.3 A Single-Line, M3 jack (Stereo MINI) LCD panel: 0.5 V [rms] Panel size (diagonal): 0.6 type (15.24 mm) (Monitor output/stereo compatible) Aspect ratio: 4:3 0 V [rms] - 2.0 V [rms] (variable) Micro lens array: Available SERIAL: DIN 8-pin RS-232C compatible Display method: 3 transparent LCD panels (RGB) Cabinet: Drive method: Active matrix method Molded plastic (PC/ABS) **Dimensions:** PT-LB50NT**/LB50**: 786 432 (1 024 × 768) × 3 panels 297 mm Width: PT-LB50S**: 480 000 (800 × 600) × 3 panels Height: 57 mm (Not including the projection parts) Lens: Length: 210 mm Manual zoom (1.2x) / Manual focus Weight: F 1.6 - 1.9, f 18.8 mm - 22.6 mm PT-LB50NT**: 1.9 kg Lamp: UHM lamp (165 W) PT-LB50**/LB50S**: 1.8 kg Luminosity: Operating environment: 2 000 lm Temperature: 0°C - 40°C Scanning frequency (for RGB signals): (When the "HIGHLAND" is set to "ON" 0° C - 35° C) Horizontal scanning frequency: 15 kHz - 91 kHz Vertical scanning frequency: Humidity: 20 % - 80 % (no condensation) 50 Hz - 85 Hz Dot clock frequency: 100 MHz or less Certifications: PT-LB50NTU, LB50U, LB50SU: YPBPR signals: UL60950, C-UL, FCC Class B 480i, 480p, 576i, 576p, 1 080/60i, 1 080/50i, 720/60p PT-LB50NTE/EA, LB50E/EA, LB50SE/EA: Color system: 7 (NTSC / NTSC 4.43 / PAL / PAL-M / PAL-N / PAL60 / EN60950, EN55022, EN61000-3-2, EN61000-3-3, EN55024 SECAM) <Remote control unit> Projection size: 838.2 mm - 7 620 mm Power supply: Throw distance: 3 V DC (AAA battery × 2) PT-LB50NT**/LB50**: 1.1 m - 11.1 m Operating range: PT-LB50S**: 1.1 m - 10.9 m Approx. 7 m Optical axis shift: (when operated directly in front of signal receptor) 6:1 (fixed) Dimensions: Width: 51.5 mm Screen aspect ratio: 4:3 Height: 21.1 mm Installation: Front / Desk Length: 123 mm Front / Ceiling Weight: 74 g (including battery) Rear / Desk **Accessories:** Rear / Ceiling (menu selection) Remote control unit PT-LB50NT** (N2QAYA000001): Speaker: $4.0 \text{ cm} \times 2.0 \text{ cm oval} \times 1$ 1 PT-LB50**, LB50S** (N2QAYA000002): Max. usable volume output: 1 AAA batteries for remote control unit (x2): 1 W (monaural) Power cord: Wireless LAN (PT-LB50NT** only): PT-LB50NTU/LB50U/LB50SU: IEEE802.11b/g K2CG3DR00006 1 Connectors: PT-LB50NTE/LB50E/LB50SE: PC IN / OUT: Dual line, D-sub HD 15-pin (female) (One line is available for input and output, K2CM3DR00002 (continental) 1 PT-LB50NTEA/LB50EA/LB50SEA: selectable using an on-screen menu) During YPBPR input/output: K2CT3DR00005 (U.K) 1 1.0 V [p-p] (Including sync), 75 Ω K2CM3DR00002 1 Y: PBPR: $0.7 \text{ V [p-p]}, 75 \Omega$ RGB signal cable [K1HA15DA0002 (1.8 m)]: 1 CD-ROM (TQBH9008) (PT-LB50NT** only) During RGB input/output: 1 Carrying bag (TPEP018): RGB: $0.7 \text{ V [p-p]}, 75 \Omega$ **Options:** G.SYNC:1.0 V [p-p], 75 Ω Ceiling bracket: FT-PKB50 HD : TTL, automatic positive/negative polarity Wireless remote control unit: ET-RM300 compatible Serial adapter (DIN 8-pin/D-sub 9-pin): ET-ADSER VD: TTL, automatic positive/negative polarity

- Specifications are subject to change without notice.
- · Weight and dimensions shown are approximate.
- Y 1.0 V [p-p], C 0.286 V [p-p], 75 Ω ,

compatible VIDEO IN: Single-line, RCA pin jack

1.0 V [p-p], 75 Ω

S-VIDEO IN: Single-line, Mini DIN 4-pin

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Trademark Acknowledgements

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- Macintosh is a registered trademark of Apple Computer, Inc.
- S-VGA is a registered trademark of the Video Electronics Standards Association.

All other trademarks are the property of the various trademark owners.

Warning

Use UV radiation eye and skin protection during servicing.

• The warning label is stuck on the side of the intake air fan (R, G).

Precaution

If using of this projector at high elevations (above 1 400 m), set HIGHLAND to ON. (Refer to "Option settings" in Operating Instructions.)

Failure to observe this may cause malfunctions.

Never use this projector at an elevation of 2 700 m or higher.

Using this projector at high elevations, consult your dealer or Authorized Service Center about preparations.

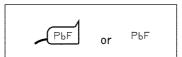
About lead free solder (PbF)

This projector is using the P.C.Board which applies lead free solder. The use of lead free solder is recommended from the standpoint of antipollution for the global environment in service.

Notes:

- Lead free solder: Sn-Ag-Cu (tin, silver and copper) has a higher melting point (approx. 217°C) than standard solder. Typically, the melting point is 30°C to 40°C higher. When servicing, use a high temperature soldering iron with temperature limitation function and set it to 370±10°C.
- Be precautions about lead free solder: Sn-Ag-Cu (tin, silver and copper) will tend to splash when heated too high (approx. 600°C or higher).
- Use lead free solder for the P.C.Board (specified on it as "PbF") which uses lead free solder. (When you unavoidably use lead solder, use lead solder after removing lead free solder. Or be sure to heat the lead free solder until it melts completely, before applying lead solder.)
- After soldering to double layered P.C.Boards, check the component side for excess solder which may flow onto the opposite side. About the identification of the lead free solder P.C.Board

For the P.C.Board which applies lead free solder, the symbol as shown in the figure below is printed or stamped on the surface or the back of P.C.Board.



For US

IMPORTANT SAFETY NOTICE

There are special parts used in Panasonic LCD Projectors which are important for safety. These parts are shaded on the schematic diagram. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of PANASONIC BROADCAST & TELEVISION SYSTEMS COMPANY.

WARNING:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any unauthorized changes or modifications to this equipment will void the users authority to operate.

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1 Safety Precautions

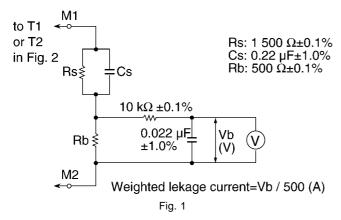
1.1. General Guidelines

- For continued safety, no modification of any circuit must be attempted.
- Unplug the power cord from the power outlet before disassembling this projector.
- · Use correctly the supplied power cord and must ground it.
- It is advisable to use an isolation transformer in the AC power line before the service.
- Be careful not to touch the rotation part (cooling fan, etc.) of this projector when you service with the upper case removed and the power supply turned ON.
- Observe the original lead dress during the service. If a short circuit is found, replace all the parts overheated or damaged by the short circuit.
- After the service, all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations must be properly installed.
- After the service, check the leakage current to prevent the customer from getting an electric shock.

1.2. Leakage Current Check

1. Prepare the measuring circuit as shown in Fig.1.

Be sure to use a voltmeter having the performance described in Table 1.



	Performance	
Voltmeter (rms reading)	Accuracy: Input resistance: Input capacitance: Frequency range:	≤ 2% ≥ 1 MΩ ≤ 200 pF 15 Hz to 1 MHz

Table 1

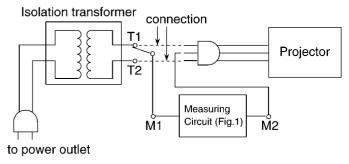


Fig. 2

- Assemble the circuit as shown in Fig. 2. Plug the power cord in a power outlet.
- 3. Connect M1 to T1 according to Fig. 2 and measure the voltage.
- 4. Change the connection of M1 from T1 to T2 and measure the voltage again.
- The voltmeter must read 0.375 V or lower in both of steps 3 and 4. This means that the current must be 0.75 mA or less.
- 6. If the reading is out of the above standard, the projector must be repaired and rechecked before returning to the customer because of a possibility of an electric shock.

1.3. UV Precaution and UHM Lamp Precautions

- Be sure to unplug the power cord from the power outlet when replacing the lamp.
- Because the lamp reaches a very high temperature during its operation, wait until it cools completely when replacing the Lamp Unit.
- The lamp emits small amounts of UV-radiation, avoid directeye contact with the light.
- The lamp unit has high internal pressure. If improperly handled, explosion might result.
- Because the high pressure lamp involves a risk of failure, never touch the lamp wire lead during the service. (See Fig. 3)

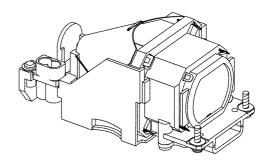


Fig.3

2 Ext Option

This projector has EXT OPTION in addition to standard on-screen menus.

· There are SELF CHECK and SERVICE MODE for service, etc.

2.1. Procedure to enter EXT OPTION

- 1. Press "MENU" button on the main unit or remote control unit to display "MENU" screen, then select "OPTION" and press "ENTER" button.
- 2. Select "INPUT GUIDE" on "OPTION" menu and press "ENTER" button 3 seconds or longer.

 $\mathsf{MENU} \to \mathsf{OPTION} \to \mathsf{INPUT} \; \mathsf{GUIDE}$

2.2. EXT OPTION Menu and Functions

EXT OPTION

FREEZE MSG	OFF / ON
ANGLE RESET	OFF / ON
FAN FULL MODE	OFF / ON
AUTO SETUP	STANDARD / SPECIAL
SYNC	STANDARD / SPECIAL
VGA60/480p	AUTO / VGA60 / 480p
SELF CHECK	
TEST PATTERN	
FLICKER ADJUST	
HPLL	OFF / ON

· FREEZE MSG

Switching ON/OFF "FREEZE" on-screen display

· ANGLE RESET

Switching ON/OFF "Realtime Keystone" reference level setting

Note:

- Normally, do not select. (Angle reset data will be rewritten.)
- · FAN FULL MODE

Setting the cooling fan motor rotation speed

- Switching ON "FAN FULL MODE", the rotation level of the fan becomes high-speed rotation (fixed). Moreover, when "FAN FULL MODE" is ON, changing "HIGHLAND" in OPTION becomes impossible (setting "FAN FULL MODE" is given priority more than "HIGHLAND").
- · AUTOSETUP

Setting AUTO SETUP mode

- STANDARD: To set the normal mode (the dot clock is adjusted strictly))
- SPECIAL: To set the special mode (the dot clock is adjusted roughly)

Note

- Do not change the initial setting (STANDARD).

· SYNC

Setting SYNC processing mode

- STANDARD: To set the normal mode
- SPECIAL: To set the special mode (noise reduction mode)

Note:

- Do not change the setting when it is possible to receive normally.

Change the setting only when the image is not displayed normally because of the sync signal noise of connected equipment.

- · VGA60/480p
 - AUTO: Switching RGB of VGA60 and 480p automatically

- VGA60: Inputting signals in 59.9Hz / VGA480
- 480p: Inputting signals in RGB of 480p
- · SELF CHECK

To enter the self-check mode

· TEST PATTERN

To enter the service mode

· FLICKER ADJUST

To enter the flicker adjustment mode

· HPLL

When non-standard signal of VIDEO/S-VIDEO is inputted (VTR, VHD, etc.), horizontal synchronization might be disordered according to connected equipment. In this case, set HPLL to OFF.

2.3. Canceling EXT OPTION

Press "MENU" button on the main unit or remote control unit.

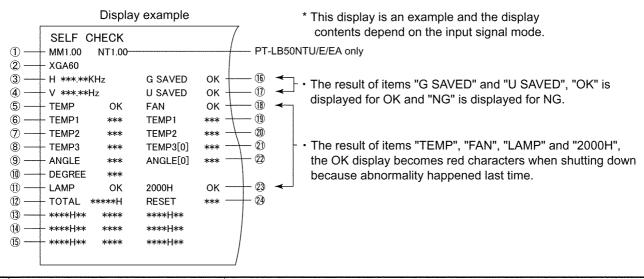
3 Self-Check Mode

This mode is used to narrow down the location of the failure.

3.1. Procedure to enter the self-check mode

Select "SELF CHECK" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

3.2. Self Check Display and Contents



	Display Contents	Remarks		
1	Microcomputer Version Display	Software Version		
2	Resolution Name	Different display according to the input signal		
3	Horizontal Signal Frequency	RGB or YP₅Pʀ signal reception only		
4	Vertical Signal Frequency	NGB of Tr Br R signal reception only		
5	Temperature Abnormality Check	Cause of Lamp Malfanction		
6	Thermosensor 1 Measurement Value *1	Around Air Outlet (A/D conversion value: 0 - 255)		
7	Thermosensor 2 Measurement Value *1	Around Air Inlet (A/D conversion value: 0 - 255)		
8	Thermosensor 3 Measurement Value	Around Tilt Sensor (A/D conversion value: 0 - 1 023)		
9	Tilt Sensor Measurement Value	Voltage Value (0.00 - 3.30)		
10	Tilt Degree *2	Degree of tilt of the projector, that is a value by which temperature correction		
		is given to the tilt sensor A/D conversion value.		
		(When realtime keystone, the keystone distortion is corrected with this value.)		
11)	Lamp - Abnormality Check	Cause of Lamp Malfanction		
12	Total Usage Time	Projector Cumulative Usage Time		
13	Lamp ON - Cumulative Usage Time /	Current Cumulative Usage Time (actual time), ON Frequency and		
14)	Frequency / Cumulative Usage Time	Second Cumulative Usage Time (conversion time for 165 W) of the lamp		
15)	Frequency / Cumulative Osage Time	First are shown from the left.		
16	Gamma Correction Data Check	It is distinguished whether gamma data is stored in the flash ROM.		
1	Color Unevenness Correction Data Check	It is distinguished whether color unevenness correction data is stored in the flash ROM.		
18	Fan Stop Check	Cause of Lamp Malfanction		
19	Thermosensor 1 A/D Conversion Value	Temperature around the air outlet when the last thermal shutdown occurs		
20	Thermosensor 2 A/D Conversion Value	Temperature around the air inlet when the last thermal shutdown occurs		
21)	Thermosensor 3 Reference Value	Thermosensor 3 A/D Conversion Value (0 - 1 023) at angle reset		
22	Tilt Sensor Reference Value	Tilt Sensor Voltage Value (0.00 - 3.30) at angle reset		
23	Lamp - Judgment for Cumulative	Judgment for Replacement Time of Lamp		
	Usage more than 2 000 h *3			
24)	Lamp - Reset Frequency of Cumulative	Reset Frequency (0 - 255)		
	Usage Time			

^{*1} When detected abnormal temperature (high temperature around the air inlet and/or outlet ports, large difference between temperature around the air inlet/outlet ports), TEMP indicator turned on. If arriving at the critical temperature, the power supply will be shutdown automatically and the indicator will flash.

3.3. Canceling the self-check mode

Press "MENU" button on the main unit or remote control unit.

^{*2} When "Realtime Keystone" is set to ON, the keystone distortion is corrected automatically with this value during automatic setup.

^{*3} Warning of the lamp cumulative usage time and shutdown use the conversion time for 165 W.

4 Service Mode

This mode is used to display seven kinds of test patterns [Horizontal lines, Vertical lines, Dots, Crosshatch, White cross, Black cross and White (No pattern)] in the four colors (White, Red, Green and Blue)..

Note:

• On the service mode, displays above patterns by each color without test equipment such as PC or SG. Use the service mode for simplified adjustments by your eyes and so on.

4.1. Procedure to enter the service mode

Select "TEST PATTERN" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

Note:

· In the service mode, pressing the up-arrow " ▲ " or down-arrow " ▼ " button allows the test pattern selection and the left-arrow " ◀ " or right-arrow " ▶ " button the color selection (White / Red / Green / Blue).

4.2. Canceling the service mode

Press "MENU" button on the main unit or remote control unit.

5 Flicker Adjustment Mode

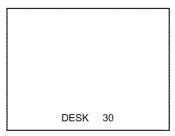
If replacing the optical parts (Analysis / LCD / Lens block) of this projector and/or A-P.C.Board (assembly), enter the flicker adjustment mode and minimize the flicker.

5.1. Procedure to enter the adjustment mode

Select "FLICKER ADJUST" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

Note:

"DESK setting (blue)" is displayed when entering the adjustment mode.



Adjustment Display when DESK setting

5.2. Adjustment Display and Contents

- · Setting value is increased and decreased with the right-arrow " ▶ " and left-arrow " ◀ " buttons.
- " ◀ ": Decrease, " ▶ ": Increase
- Adjust the setting value to minimize the flicker on the screen.
- Execute the adjustment by 6 patterns below.
- The pattern (adjustment display) is switched with the up-arrow " 🛕 " and down-arrow " 🔻 " buttons.
- " ▲ ": Forward direction, " ▼ ": Reverse direction
- There are 6 patterns of "DESK setting (blue)", "DESK setting (red)", "DESK setting (green)", "CEILING setting (blue)", "CEILING setting (red)" and "CEILING setting (green)".
- The setting value is saved into this projector when the pattern is switched.

5.3. Canceling the flicker adjustment mode

Press "MENU" button on the main unit or remote control unit.

Note:

When "MENU" button is pressed, the setting value at that time is saved into this projector and the adjustment mode is canceled.

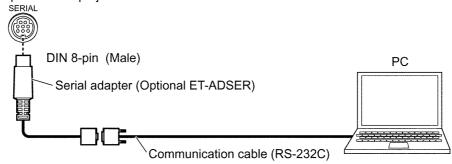
6 Using the SERIAL Connector

The serial connector which is on the back connector panel of the projector conforms to RS-232C standard. This projector can be controlled by a PC which is connected as shown in "6.1. Connection".

For controlling this projector by a PC, requires communication software on the market, and inputs control commands according to communication settings and basic format below.

6.1. Connection

Back connector panel of the projector



Note:

Use a proper communication cable which is suitable for the PC to connect the optional serial adapter, which is connected with SERIAL connector of this projector, and the PC.

6.2. Pin Layout and Signal Names for SERIAL Connector

DIN 8-pin (female) seen from outside



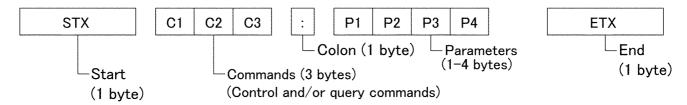
Pin No	Signal Name	Contents
3	RXD	Receive data
4	GND	Ground
5	TXD	Transmit data
1		
2		Connected internally
6		
7		NC
8		NC

6.3. Communication Settings

Signal Level	Contents		Description
Sync. method		Asynchronous	Synchronizes every 1 character (8 bits)
Baud rate	Conforms to	9 600 bps	Data transfer speed
Parity	RS-232C	None	Error detection method
Character length	standard	8 bits	Number of bit composing 1 character
Stop bit		1 bit	Uses stop bit when asynchronous method
X parameter		Not used	
S parameter		Not used	

6.4. Basic Format

The data sent from the PC to the projector is transmitted in the format shown below.



Notes:

- If sending multiple commands, check that a call back has been received from the projector for 1 command before sending the next command.
- · When a command which does not require parameters is sent, the colon (:) is not required.

6.5. Control / Query Commands

Control Commands

Command Name (Parameter format is shown in <>)	Function / Contents	Call back from Projector (Parameter format is shown in<>)	Minimum Value of Parameter	Maximum Value of Parameter
PON *1	POWER ON	PON	*****************	***************************************
POF *1	POWER OFF	POF	——	
AVL :〈pl〉	VOLUME	AVL : ⟨pl⟩	0	63
IIS : (input signal)	INPUT SELECT	IIS : (input signal)		
OST	DEFAULT	OST		
OFZ :〈off_on〉	FREEZE	OFZ : (off_on)	0	1
OEN :	ENTER	OEN	Manual File Service Services	
VPM: (picture mode)	PICTURE MODE	VPM : (picture mode)		
⟨NAT⟩	NATURAL	⟨NAT⟩		
⟨STD⟩	STANDARD	⟨STD⟩		
⟨DYN⟩	DYNAMIC	(DYN)		
⟨BBD⟩	BLACK-BD	⟨BBD⟩	ALLEGORIOUS AND	
AUU	VOLUME UP	AUU		
AUD	VOLUME DOWN	AUD		
OMN	MENU	OMN		
ocu	CURSOR UP	ocu		
OCD	CURSOR DOWN	OCD		
OCL	CURSOR LEFT	OCL		
OCR	CURSOR RIGHT	OCR		
OAS	AUTO SETUP	OAS		
OSH *1 *3	SHUTTER	OSH		
OIX	INDEX WINDOW (Double)	OIX		
DZU	D.ZOOM UP	DZU		
DZD	D.ZOOM DOWN	DZD		
OLP : ⟨lamp power⟩ *1 *2	LAMP POWER	OLP: ⟨lamp power⟩	0	1

^{*1} Do not transmit the PON, POF, OSH and/or OLP commands continuously in a short time. The lamp may be damaged and/or cause malfunctions.

^{*2} The OLP command is invalid at a no signal.

^{*3} If a command except OSH is sent from the PC during "SHUTTER" mode, the "ER401" command will be sent from the projector to the PC, and the projector is going to return to normal operating mode.

Query Commands

Query Command	Contents	Call back from Projector (Parameter format is shown in < >)
QPW	POWER CONDITION	⟨power condition⟩
QIN	INPUT SIGNAL	⟨input signal⟩
QAV	VOLUME LEVEL	\dagger{\text{lq}}
QVC	COLOR LEVEL	\dagger{\dagge
QVT	TINT LEVEL	\daggerian
QVB	BRIGHT LEVEL	\langle 1q \rangle
QVR	CONTRAST LEVEL	<pre>p ></pre>
QVS	SHARPNESS LEVEL	\dagger{\range pl\range}
QWR	WHITE BALANCE LEVEL (RED)	\dagger{\text{lq}\}
QWG	WHITE BALANCE LEVEL (GREEN)	\dagger 10 10 10 10 10 10 10 1
QWB	WHITE BALANCE LEVEL (BLUE)	\(\rangle \rangle \ran
QHP	H-POSITION LEVEL	\pi\>
QVP	V-POSITION LEVEL	\dagger{\dagge
QCP	COLOR PHASE LEVEL	\(
QDC	DOT CLOCK LEVEL	\langle
QSP	INSTALLATION	(installation)
QLG	LANGUAGE	⟨language⟩
QPM	PICTURE MODE	⟨NAT⟩=NATURAL
		⟨STD⟩=STANDARD
		⟨DYN⟩=DYNAMIC
		⟨BBD⟩=BLACK-BD
QFZ	FREEZE	⟨off_on⟩
QLP	LAMP POWER	⟨lamp power⟩
Q\$L	LAMP ON TIME	(acctch)
QSH	SHUTTER	⟨off_on⟩
QKS	KEYSTONE	\dagger 10 10 10 10 10 10 10 1
QTE	COLOR TEMPERATURE	⟨color temp.⟩

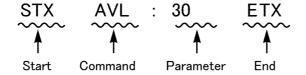
Parameters

Parameter Format	Parameter Size (Byte)	Parameter Definition
\langle	3 (provided that approves of 1 byte or 2 bytes when control)	Decimal notation without plus/minus sign (0 to 999), Decimal notation with plus/minus sign (-99 to +99) (Returns 3 bytes call back from the projector. Decimal notation without plus/minus sign (000, 001, 002,, 999), Decimal notation with plus/minus sign (-99, -98,, -01, +00, +01,, +99)
⟨off_on⟩	1	0=OFF, 1=ON
⟨input signal⟩	3	VID=VIDEO, SVD=S-VIDEO, RG1=PC1, RG2=PC2
		NWP = WIRELESS (PT-LB50NTU/E/EA only)
⟨installation⟩	1	0=FRONT/DESK, 1=REAR/DESK, 2=FRONT/CEILING, 3=REAR/CEILING
⟨language⟩	3	ENG=English, DEU=German, FRA=French, ESP=Spanish,
		ITA=Italian, JPN=Japanese, CHI=Chinese, KOR=Korean, RUS=Russian,
		POR=Portuguese, SVE=Swedish, NOR=Norwegian, DAN=Danish,
		POL=Polish, CES=Czech, MAG=Hungarian, THA=Thai
(power condition)	3	000=Power OFF, 001=Power ON
⟨acctch⟩	4	Decimal notation without plus/minus sign: 0000 hour to 9999 hours
⟨lamp power⟩	1	0=ECO, 1=STD
⟨color temp.⟩	1	0=LOW, 1=STD, 2=HIGH

^{*} If an incorrect command is sent from the PC, the "ER401" command will be sent from the projector to the PC.

[Example]

When controls the audio volume to +30 by a PC (Sends commands as the following:)



[·] When a command which does not require parameters is sent, the colon (:) is not required.

6.6. Communication Cable Specifications

	Serial a	adapter			at	the PC (D	TE)
			1	NC	NC	1	
	5	2	2			2	
	3	3	3			3	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4	NC	NC	4	
	4	5	5			- 5	
Г	6	6	6	DSR	NC	6	
+	1	7	7			- 7	
L	2	8	8			- 8	
		<u></u>	9	NC	NC	9	

6.7. Signal Selector Connecting Cable Specifications

When connecting to a signal selector (ex. TW-SWS62J), use a cable with specifications below.

Connecting method: Connects a video signal cable from the signal selector to "VIDEO IN", and an RGB signal cable to "RGB1 IN".

At the signal selector		At the	serial adapter (DCE)
D-sub 9p (male	e)		O-sub 9p (male)
Signal Name	Pin No.	Pin No.	Signal Name
NC	1	1	NC
RD Receive data	2	 2	SD Transmit data
SD Transmit data	3	3	RD Receive data
NC	4	4	NC
GND Ground	5	5	GND Ground
NC	6	6	DSR
RS Transmit request	7	 7	CS Transmit permission
CS Transmit permission	8	8	RS Transmit request
NC	9	9	NC

Serial adapter			
Pin No.	Pin No.		
(cable side)	(projector side)		
2	5		
3	3		
5	4		
6	6		
7	1		
8	2		

Note:

Set VP control terminal switch of the signal selector to VP TYPE "B".

7 Disassembly Instructions

Warning:

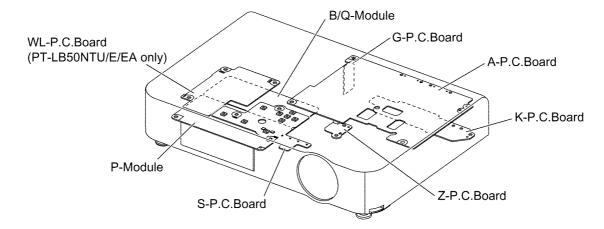
· Be sure to unplug the power cord from the power outlet before disassembling this projector.

Caution:

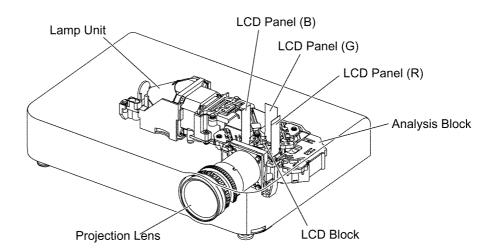
- · While turning over a printed circuit board, be sure to put a insulating material under it to prevent a short circuit.
- · Printed circuit boards and wires must not be pulled forcibly, but be handled carefully.
- · Connectors also must be handled carefully.
- · When reassembling, replace used adhesive tape with new one (Do not re-use used tape).
- · After repairing this projector, be sure to put back the wires and connectors to the original condition.

7.1. Printed Circuit Board and Main Parts Location

Electrical Parts

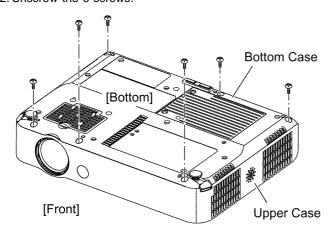


Optical Parts



7.2. Removal of Upper Case

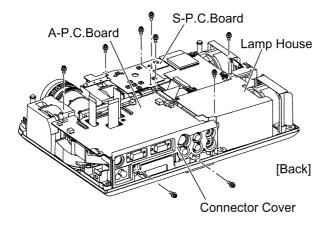
- 1. Turn the projector upside down.
- 2. Unscrew the 6 screws.



- 3. Return the projector to the normal position.
- 4. Remove the upper case.

7.3. Removal of A-P.C.Board

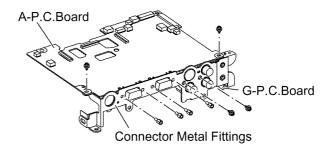
- 1. Remove the upper case according to the section 7.2. "Removal of Upper Case".
- 2. Unscrew the 2 screws and remove the lamp house.
- 3. Unscrew the 1 screw and remove the connector cover
- 4. Unscrew the 3 screws fixing the S-P.C.Board.
- 5. Unscrew the 3 screws fixing the A-P.C.Board.



- Disconnect the connectors from/to the A-P.C.Board, then remove the A-P.C.Board block with the G-P.C.Board and S-P.C.Board.
- 7. Unscrew the 8 screws and remove the connector metal fittings.

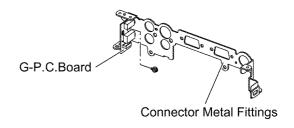
Note:

 The G-P.C.Board is attached on the connector metal fittings, and it is connected with the A-P.C.Board.
 Work carefully when removing the connector metal fittings.



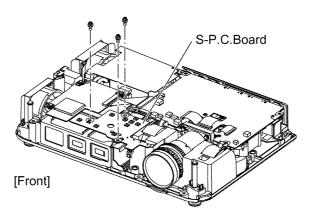
7.4. Removal of G-P.C.Board

- 1. Remove the connector metal fittings with the G-P.C.Board according to the section 7.3. "Removal of A-P.C.Board".
- 2. Unscrew the 1 screw and remove the G-P.C.Board .



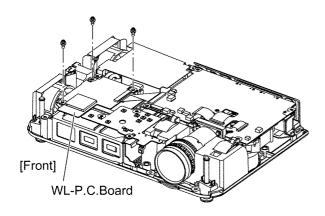
7.5. Removal of S-P.C.Board

- 1. Remove the upper case according to the section 7.2. "Removal of Upper Case".
- 2. Unscrew the 3 screws.
- 3. Disconnect the flexible cable and remove the S-P.C.Board.



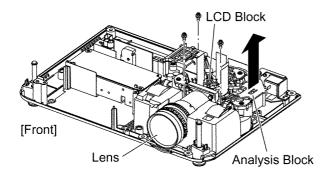
7.6. Removal of WL-P.C.Board (PT-LB50NTU/E/EA only)

- 1. Remove the upper case according to the section 7.2. "Removal of Upper Case".
- Unscrew the 3 screws and remove the WL-P.C.Board with wireless LAN module.

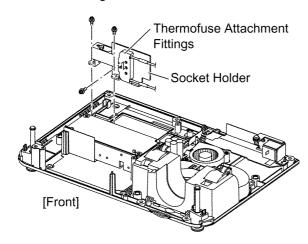


7.7. Removal of K-P.C.Board

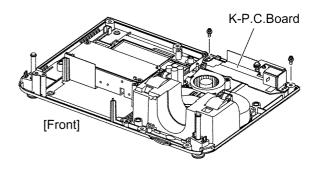
- 1. Remove the lamp unit according to the section 7.11. "Removal of Lamp Unit".
- 2. Take the P-Module out according to the section 7.8. "Removal of P-Module", and disconnect the connector from the K-P.C.Board.
- Unscrew the 3 screws and remove the analysis block, LCD block and lens.



- 4. Unscrew the 2 screws and remove the socket holder.
- 5. Unscrew the 1 screw and remove the thermofuse attachment fittings from the socket holder.

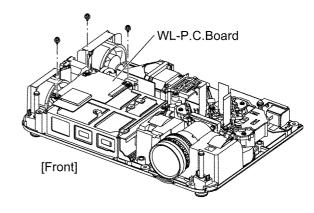


6. Unscrew the 2 screws and remove the K-P.C.Board.

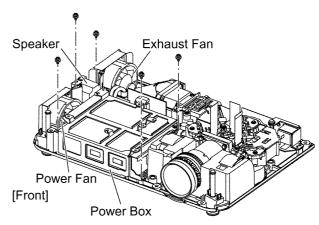


7.8. Removal of P-Module

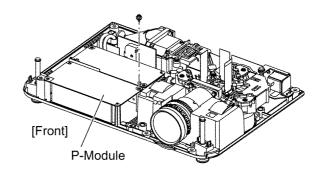
- 1. Remove the A-P.C.Board block according to the steps 1 through 6 in the section 7.3. "Removal of A-P.C.Board".
- 2. For PT-LB50NTU/E/EA, Unscrew the 3 screws and remove the WL-P.C.Board and WL shield plate.



- 3. Unscrew the 2 screws and remove the block of power fan, speaker and exhaust fan.
- 4. Unscrew the 3 screw and remove the power box.

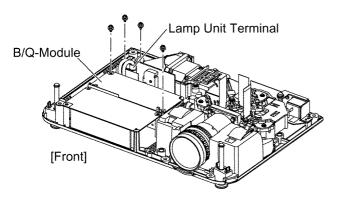


5. Unscrew the 1 screw and remove the P-Module.



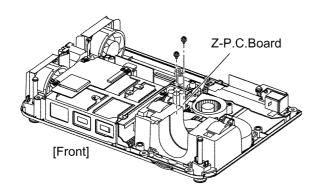
7.9. Removal of B/Q-Module

- Remove the power box according to the steps 1 through 4 in the section 7.8. "Removal of P-Module".
- 2. Unscrew the 2 screws and remove the lamp unit terminal.
- 3. Unscrew the 2 screws and remove the B/Q-Module.



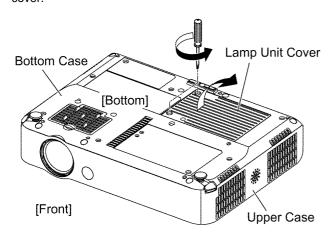
7.10. Removal of Z-P.C.Board

- Remove the analysis block, LCD block and lens according to the steps 1 through 3 in the section 7.12. "Removal of Analysis Block and Lens".
- 2. Unscrew the 2 screws and remove the Z-P.C.Board.

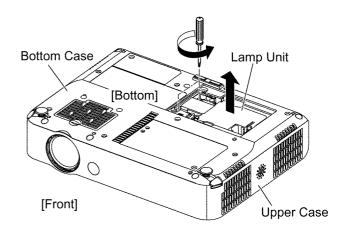


7.11. Removal of Lamp Unit

- 1. Turn the projector upside down.
- Loosen the 2 screws until they idle, remove the lamp unit cover.



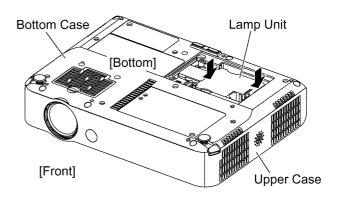
3. Loosen the 2 screws fixing the lamp unit until they idle, remove the lamp unit.



Note:

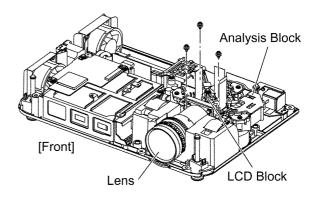
 When installing the lamp unit in the main unit, place it in a specified position and press the connector side and the opposite side of the lamp unit (arrow positions shown in the figure below), and confirm the lamp unit is inserted securely.

Then, tighten the 2 screws fixing the lamp unit, and attach the lamp unit cover.

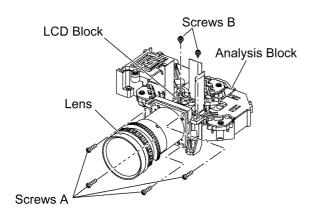


7.12. Removal of Analysis Block and Lens

- 1. Remove the lamp unit according to the section 7.11. "Removal of Lamp Unit".
- Remove the A-P.C.Board block according to the steps 1 through 6 in the section 7.3. "Removal of A-P.C.Board".
- 3. Unscrew the 3 screws and remove the analysis block, LCD block and lens.



- 4. Unscrew the 4 screws A and remove the lens.
- Unscrew the 2 screws B and remove the LCD block (the analysis block remains).

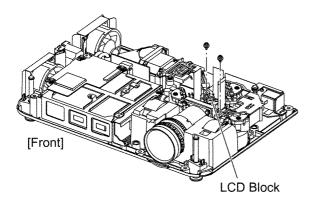


7.13. Removal of LCD Block

- 1. Remove the A-P.C.Board block according to the steps 1 through 6 in the section 7.3. "Removal of A-P.C.Board".
- 2. Unscrew the 2 screws and remove the LCD block.

Note:

• Be careful not to touch the surface of prism and LCD panel.



7.14. Replacement of LCD Panel (B)

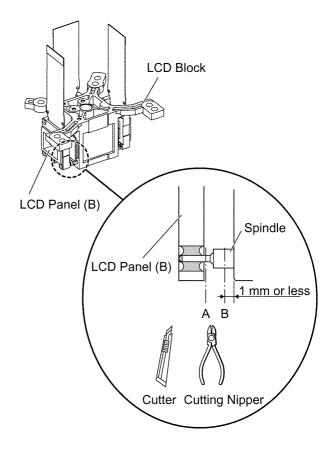
1. Remove the LCD block according to the section 7.13. "Removal of LCD Block".

Note:

- Be careful not to touch the surface of prism and LCD panel.
- Cut the 4 LCD panel installation spindles at the position A and remove the LCD panel.
- Cut the 4 LCD panel installation spindles at the position B and remove them.

Notes:

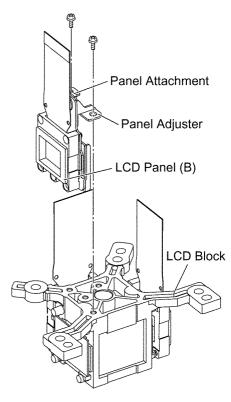
- Work carefully not to apply external force around the spindle part by using a cutter, cutting nipper or the like for cutting the spindle.
- Adjust the height after the spindle is cut to 1 mm or less.



4. Tighten the 2 screws temporarily just until new LCD panel (with the panel attachment and panel adjuster) can be shifted by your fingers.

Note:

• The panel adjustment fittings set (panel attachment and panel adjuster) is an option for service.

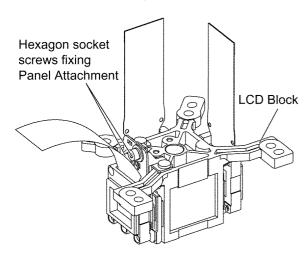


5. Reassemble the projector in the reverse order of disassembling, but leave the upper case and the screws

- fixing the A-P.C.Board block as they are removed.
- 6. Adjust the convergence according to the section 8.4. "Convergence Adjustment".
- 7. After the adjustment, while paying attention not to vary the adjusting result, tighten the 2 screws fixing the panel attachment with a hexagon head wrench.

Notes:

· Prepare a hexagon head wrench processed short.

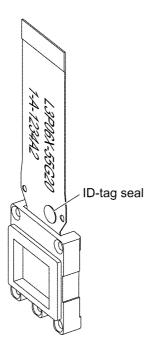


8. Reassemble the projector as it was.

7.15. LCD Panel Discrimination

ID-tag seal color	LCD panel
Red	LCD panel (R)
Blue	LCD panel (B)
(No seal)	LCD panel (G)

- Since the ID-tag seal is pasted to the FPC of LCD Panel,
 (R), (G) or (B) can be easily identified by the color of the seal.
- · Finally, identify the panel color by the part number printed on the FPC.



7.16. LCD Panel Combination

- · Part number is printed on the FPC of LCD Panel.
- · When replacing LCD Panel, use a component which has the same part number as the original.

PT-LB50NT**/LB50**

LCD panel	Part No.
R	L5BDAYY00003 (L3P06X-55G20)
G	L5BDAYY00004 (L3P06X-55G20)
В	L5BDAYY00001 (L3P06X-55G20)

PT-LB50S**

LCD panel	Combination1	Combination2
R	L5BDAXN00079 (L3P06S-45G10)	L5BDAXN00082 (L3P06S-46G10)
G	L5BDAXN00083 (L3P06S-46G10)	L5BDAXN00080 (L3P06S-45G10)
В	L5BDAXN00081 (L3P06S-45G10)	L5BDAXN00084 (L3P06S-46G10)

7.17. Replacement of Incidence Polarizer (R and B)

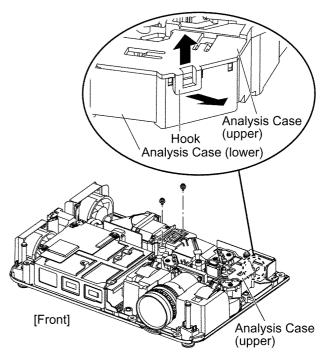
1. Remove the LCD block according to the section 7.13. "Removal of LCD Block".

Note:

- Be careful not to touch the surface of prism and LCD panel.
- 2. Unscrew the 2 screws.
- Remove the analysis case (upper) while expanding the hook of it outside.

Note:

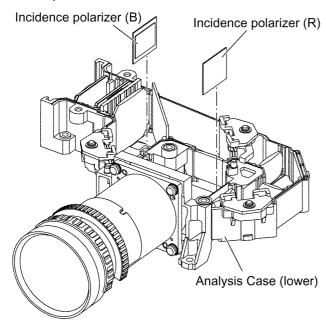
• Because the hook is damaged easily, be careful not to expand it excessively.



4. Replace the incidence polarizer.

Note:

 Be careful not to touch the surface of incidence polarizer.

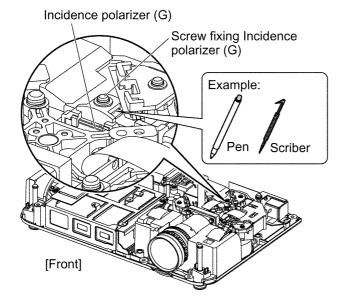


7.18. Replacement of Incidence Polarizer (G)

- 1. Remove the A-P.C.Board block according to the steps 1 through 6 in the section 7.3. "Removal of A-P.C.Board".
- 2. Mark positions of the incidence polarizer (G).

Note:

- Mark accurately as possible because the marks will be used for resetting the incidence polarizer position.
- 3. Unscrew the 1 screw and remove the incidence polarizer (G).
- Attach a new incidence polarizer (G) and align it with the mark.
- 5. Tighten the 1 screw with care not to move the incidence polarizer position.



7.19. Replacement of Projection Polarizer

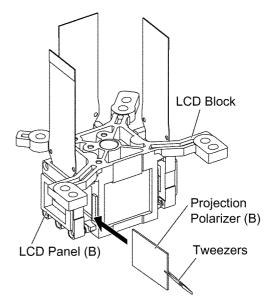
- The procedure is described as an example of projection polarizer (B).
- 1. Remove the LCD block according to the section 7.13. "Removal of LCD Block".
- 2. Remove the projection polarizer which requires replacing. (The projection polarizer is secured with adhesive tape.)

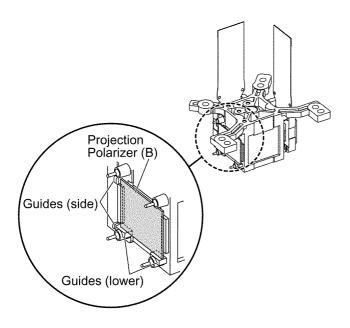
Notes:

- Be careful not to damage peripheral components (prism, LCD panel, etc.).
- · Use tweezers.
- 3. Install new projection polarizer.
 - a. Put adhesive tape on the projection polarizer.
 - b. Stick the projection polarizer on the specified position.

Notes:

- · Align the projection polarizer with the guides (lower, side) of LCD block.
- Be careful not to touch the surface of projection polarizer.
- · Use tweezers.
- c. Press the adhesive part and secure the projection polarizer.



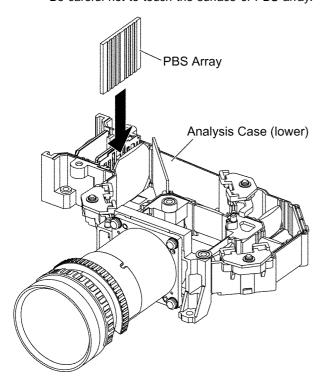


7.20. Replacement of PBS Array (Analysis Block)

- 1. Remove the analysis case (upper) according to the steps 1 through 3 in the section 7.17. "Replacement of Incidence Polarizer (R and B)".
- 2. Remove the PBS array.
- 3. Install new PBS array.

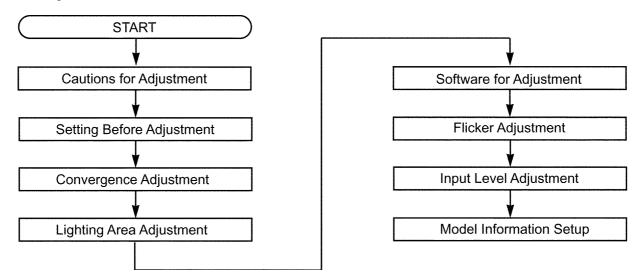
Note:

- Be careful not to mistake the direction (inside and outside, upper and lower).
- · Be careful not to touch the surface of PBS array.



8 Measurement and Adjustments

8.1. Adjustment Procedure Flowchart

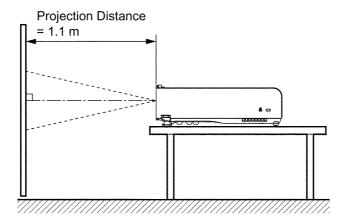


8.2. Cautions for Adjustment

- · Never unplug the power cord until the power indicator on the projector illuminates red.
- · To maintain and ensure safety, always use the designated components for replacement parts.
- · If removing any clamps, lead wires or connectors, always place them back in their proper locations.
- · Be careful not to damage the lead wires or components when using a soldering iron or similar tool.

8.3. Setting Before Adjustment

- · Set up the projector to obtain the projection distance below.
- · Turn the zoom ring of the projector to obtain the largest size of the picture.



8.4. Convergence Adjustment

Execute this adjustment when replacing the LCD panel (B).

8.4.1. Tools to be used

Service Kit: This kit is composed of 3 extension flexible cables.

Note:

· Consult your dealer or Authorized Service Center for the service kit.

8.4.2. Preparation

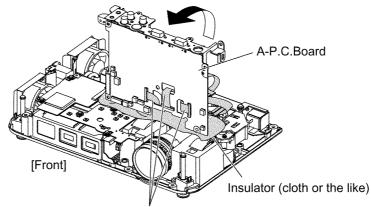
1. Loosen 2 screws fixing the panel adjuster and 2 screws fixing the panel attachment, then tighten the 4 screws temporarily just until the LCD panel can be shifted by your fingers.

Note:

- See figures in the section 7.14. "Replacement of LCD Panel (B)" for 2 screws fixing the panel adjuster and 2 screws fixing the panel attachment.
- 2. Reassemble the projector in the reverse order of disassembling, but leave the upper case and the screws fixing the A-P.C.Board block as they are removed.
- 3. Connect the service kit (extension cables).
 - · Each flexible cable of LCD Panels (R/G/B) Connectors (A1/A2/A3) on A-P.C.Board
- 4. Covering with an insulator (cloth or the like) to prevent a short circuit, set the A-P.C.Board block on the main unit.

Note:

· Handle with care not to apply external force to connecting parts which connect the main unit and A-P.C.Board.

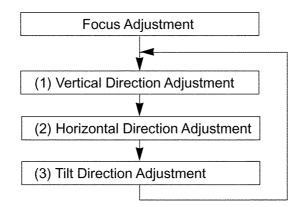


Service Kit (Extension Flexible Cables)

8.4.3. Adjustment Procedure

Prepare 2 pieces of thick black paper (23 mm x 100 mm) that can be shaded.

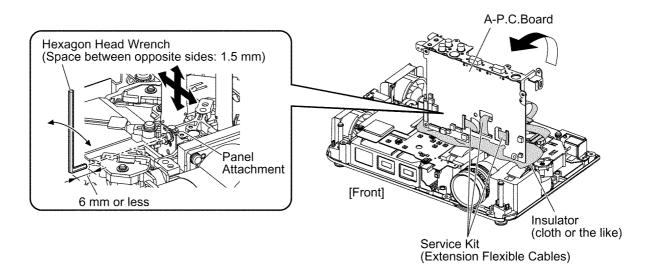
- · Cover and shade LCD panels (R) and (G) with the paper.
- 1. Display the green crosshatch pattern and adjust the lens focus.
- 2. Display green and blue crosshatch patterns.
- 3. Adjust focus by shifting the panel adjuster for LCD panel (B) back and forth, then tighten the 2 screws.
- 4. Adjust the LCD panel (B) position so that the vertical center of blue crosshatch pattern is overlapped with the vertical center of green crosshatch pattern.
- 5. Adjust the LCD panel (B) position so that the horizontal center of blue crosshatch pattern is overlapped with the horizontal center of green crosshatch pattern.
- 6. Correct the tilt of the blue crosshatch pattern by adjusting the LCD panel (B) position.
- 7. Display green, red and blue crosshatch patterns and confirm the convergence. If it is necessary, fine adjust the convergence so that the blue crosshatch pattern is overlapped with green one.



Repeat steps (1) to (3) until the green and blue crosshatch patterns merge into a cyan pattern.

8. After the adjustment, reassemble the projector according to the steps 7 and 8 in the section 7.14. "Replacement of LCD Panel

(B)".



8.5. Lighting Area Adjustment

8.5.1. Tools to be used

Service Kit: This kit is composed of 3 extension flexible cables.

Note:

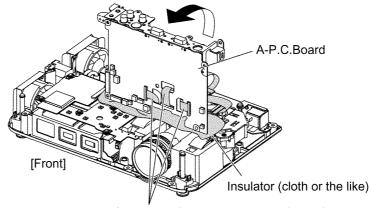
 $\boldsymbol{\cdot}$ Consult your dealer or Authorized Service Center for the service kit.

8.5.2. Preparation

- 1. Unfix the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Connect the service kit (extension cables).
 - · Each flexible cable of LCD Panels (R/G/B) Connectors (A1/A2/A3) on A-P.C.Board
- 3. Covering with an insulator (cloth or the like) to prevent a short circuit, set the A-P.C.Board block on the main unit.

Note:

· Handle with care not to apply external force to connecting parts which connect the main unit and A-P.C.Board.



Service Kit (Extension Flexible Cables)

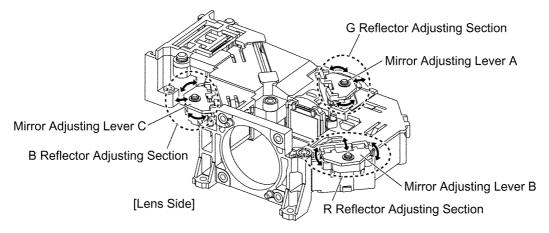
8.5.3. Adjustment Procedure

8.5.3.1. Outline

When the lighting area is off from the adjustment and color unevenness appears, adjust the lighting area into correct position.

Symptom	Measure
Magenta unevenness	G Reflector Adjustment
Cyan unevenness	R Reflector Adjustment
Yellow unevenness	B Reflector Adjustment

- · Shifting the mirror adjusting lever horizontally, adjust color unevenness on the screen upper/lower sides.
- · Twisting the mirror adjusting lever, adjust color unevenness on the screen right/left sides.



[Above figure is shown only the analysis block for explanation.]

8.5.3.2. G Reflector Adjustment

- 1. Turn on the power and display 100 % white pattern on the screen.
- 2. Loosen the 1 screw fixing the mirror adjusting lever A just until the lever can be shifted.
- 3. Adjust the mirror adjusting lever A position to minimize color unevenness on the screen by shifting the lever in arrow directions.
- 4. Tighten the 1 screw.

8.5.3.3. R Reflector Adjustment

- 1. Turn on the power and display 100 % white pattern on the screen.
- 2. Loosen the 1 screw fixing the mirror adjusting lever B just until the lever can be shifted.
- 3. Adjust the mirror adjusting lever B position to minimize color unevenness on the screen by shifting the lever in arrow directions.
- 4. Tighten the 1 screw.

8.5.3.4. B Reflector Adjustment

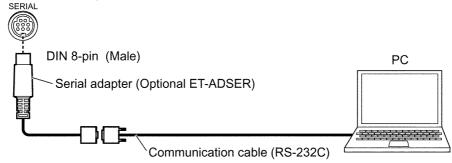
- 1. Turn on the power and display 100 % white pattern on the screen.
- 2. Loosen the 1 screw fixing the mirror adjusting lever C just until the lever can be shifted.
- 3. Adjust the mirror adjusting lever C position to minimize color unevenness on the screen by shifting the lever in arrow directions.
- 4. Tighten the 1 screw.

8.6. Software for Adjustment

8.6.1. Outline

- · This projector needs computer-aided adjustments.
- · After the software adjustments, this projector must be turned off and on again to memorize the settings.
- · Connect the cable between the projector and a PC as shown below.
- · Updating the software will change the version number.

Back connector panel of the projector



8.6.2. Operating Procedure

1. Run software program by the keyboard entry.

Note:

· Use the software program as below.

Adjustment Tool [LB50/LB60]

- 2. The first menu is Port and Model selection menu.
- 3. Adjust the projector by selecting the necessary item from the menu in each stage.

8.6.3. Port and Model Selection Menu



Select the applying item with the list box and click "Data" or "Adjustment".

8.6.3.1. Explanation of Buttons

Port:

Port name of PC which connects with the projector

Model:

Pixels (XGA/S-VGA) of LCD panels of the model involved

Data:

Displays the data transmission/reception menu.

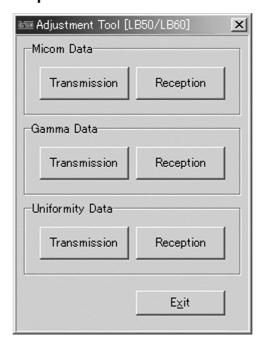
Adjustment:

Displays the adjustment menu.

Exit:

Exits this application.

8.6.4. Data Transmission/Reception Menu



8.6.4.1. Explanation of Buttons

Micom Data Transmission:

Reads the microcomputer data from the file and transmits it to the projector.

Micom Data Reception:

Receives the microcomputer data from the projector and writes it in the file.

Gamma Data Transmission:

Reads the gamma data from the file and transmits it to the projector.

Gamma Data Reception:

Receives the gamma data from the projector and writes it in the file.

Uniformity Data Transmission:

Reads the color unevenness correction data from the file and transmits it to the projector.

Uniformity Data Reception:

Receives the color unevenness correction data from the projector and writes it in the file.

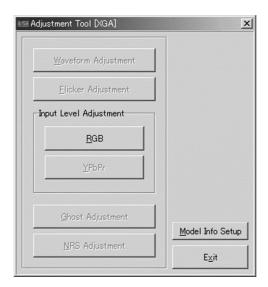
Exit:

Exits this application.

8.6.4.2. Receiving and transmitting of the data

Click a target button and specify a file name.

8.6.5. Adjustment Menu



8.6.5.1. Explanation of Buttons

Input Level Adjustment RGB:

Displays the RGB input level adjustment menu.

Model Info Setup

Displays the model information setup menu.

Evit.

Exits this application.

8.7. Flicker Adjustment

According to the procedure of chapter 5 "Flicker Adjustment Mode", minimize the flicker.

8.8. Input Level Adjustment

8.8.1. Adjustment Menu



8.8.2. Explanation of Buttons

OK:

Executes automatic sub contrast and sub brightness adjustments, then closes this dialog.

Cancel:

Cancels this menu.

8.8.3. Equipment to be used

PC, RGB Signal Generator, Software for Adjustment

8.8.4. Adjustment Procedure

- 1. Display the input level adjustment [RGB] menu.
- 2. Input a window pattern signal to PC IN1 connector.

Note:

· Use approx. 15 % window pattern as follows.

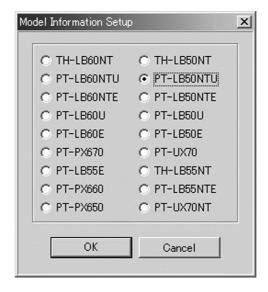
Black background (screen width): White window width = 2:1

Black background (screen height): White window height = 3:1

- · PT-LB50NTU/E/EA, LB50U/E/EA must use the window pattern of XGA (1 024 x 768).
- PT-LB50SU/E/EA must use the window pattern of S-VGA (800 x 600).
- 3. Click the OK button.

8.9. Model Information Setup

8.9.1. Adjustment Menu



8.9.2. Explanation of Buttons

Radio buttons:

Selects the corresponding model name.

OK:

Executes model information setup, then closes this dialog.

Cancel:

Cancels this menu.

8.9.3. Equipment to be used

PC, Software for Adjustment

8.9.4. Setup Procedure

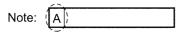
Set the projector into standby mode (POWER button on the projector control panel illuminated red), and execute the following procedure.

1. Display the model information setup menu.

- 2. Select the corresponding model name.
- 3. Click the OK button.

9 Troubleshooting

The letters in the left of the inspection items indicate the P.C.Boards or Modules related to their respective descriptions.

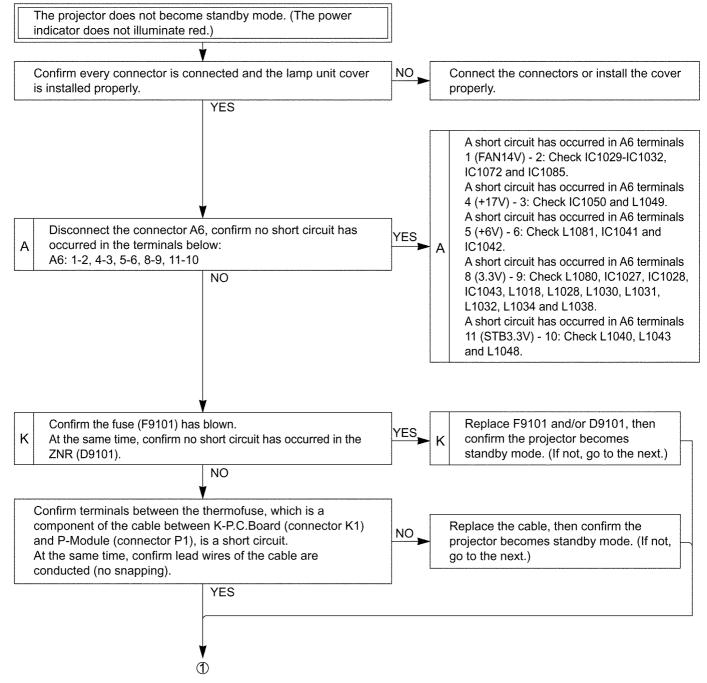


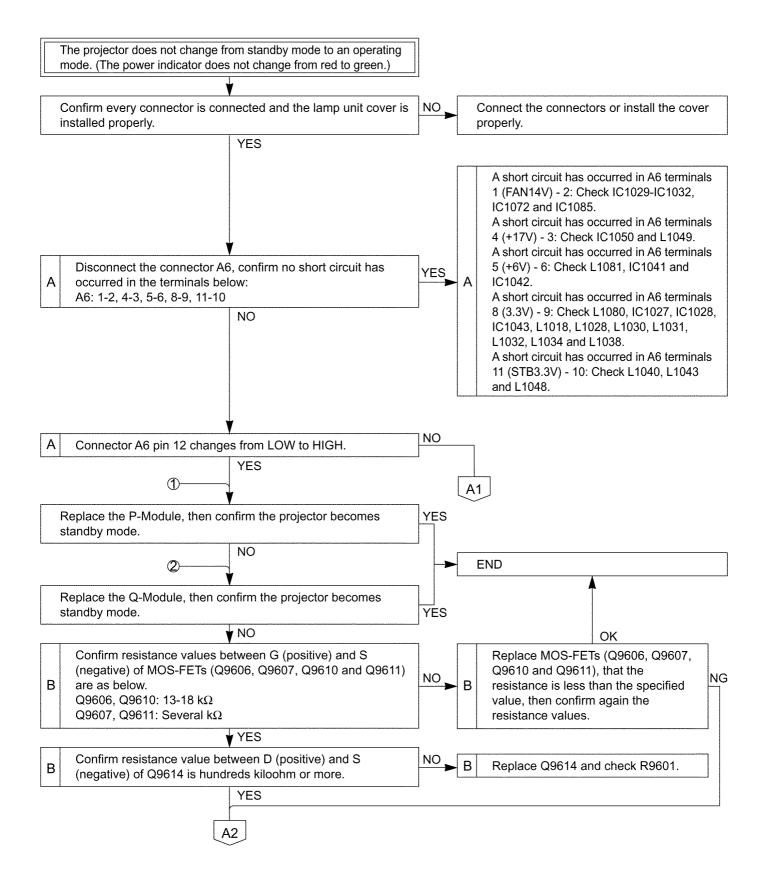
The letter of the alphabet indicates the P.C.Board or Module name. (Example) A: A-P.C.Board, B: B-Module

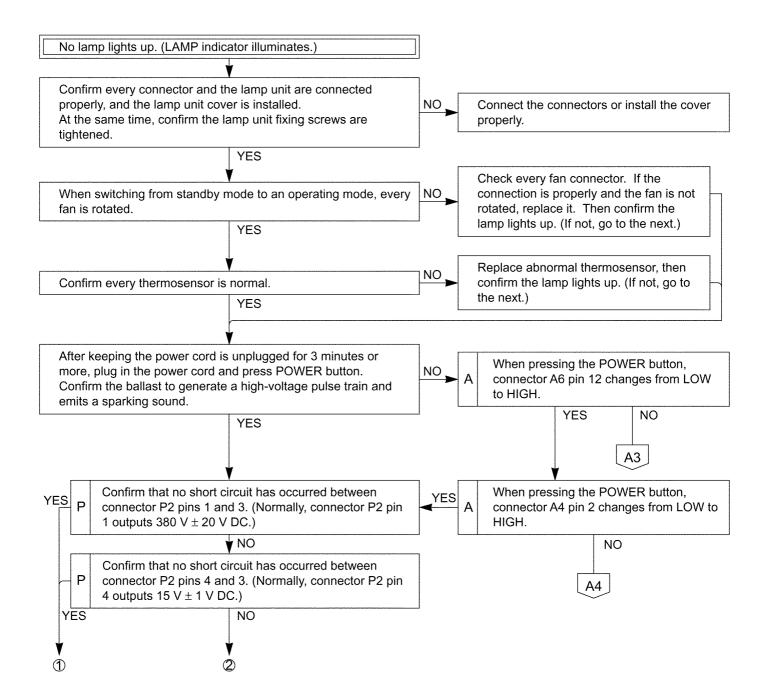
If replacing A-P.C.Board (assembly), read the ROM data from the old P.C.Board and write it in the new one according to the section 8.6. "Software for Adjustment". At this time, if the readout from the old P.C.Board does not succeed, remove IC1011 and IC1017 from the old P.C.Board and install them on the new one. Then, execute the self-check according to the chapter 3. "Self-Check Mode", and confirm "G SAVED" and "U-SAVED" display "OK".

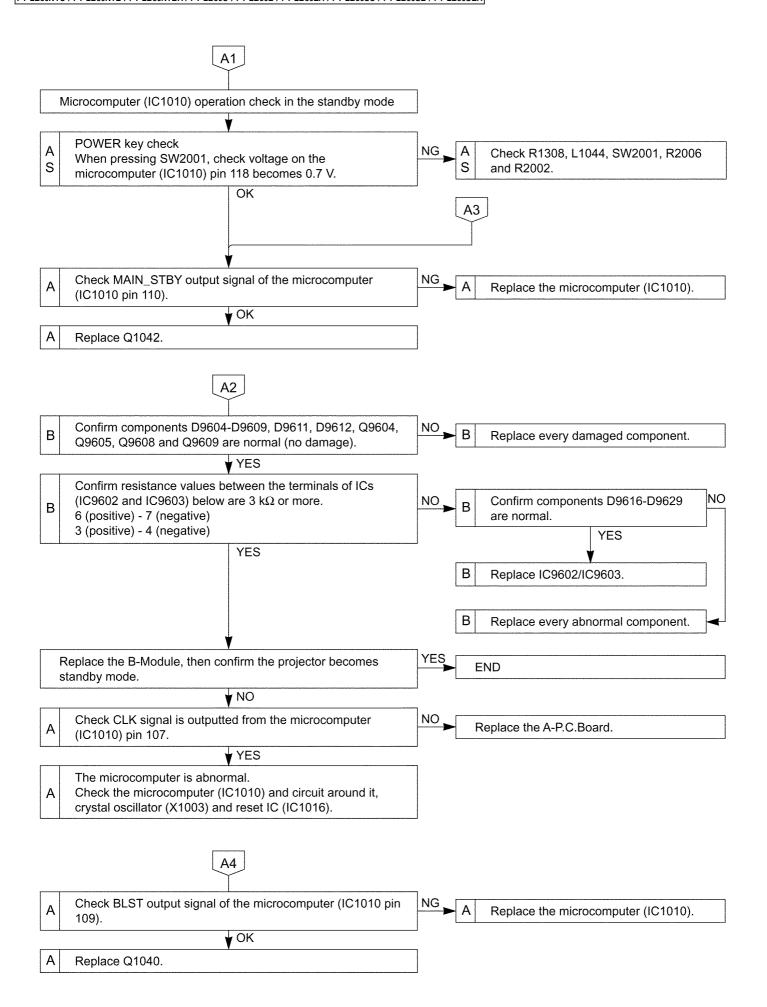
If replacing A-P.C.Board (assembly), minimize the flicker according to the chapter 5. "Flicker Adjustment Mode". If replacing A-P.C.Board (assembly), adjust the RGB Input Level according to the chapter 8.8. "Input Level Adjustment".

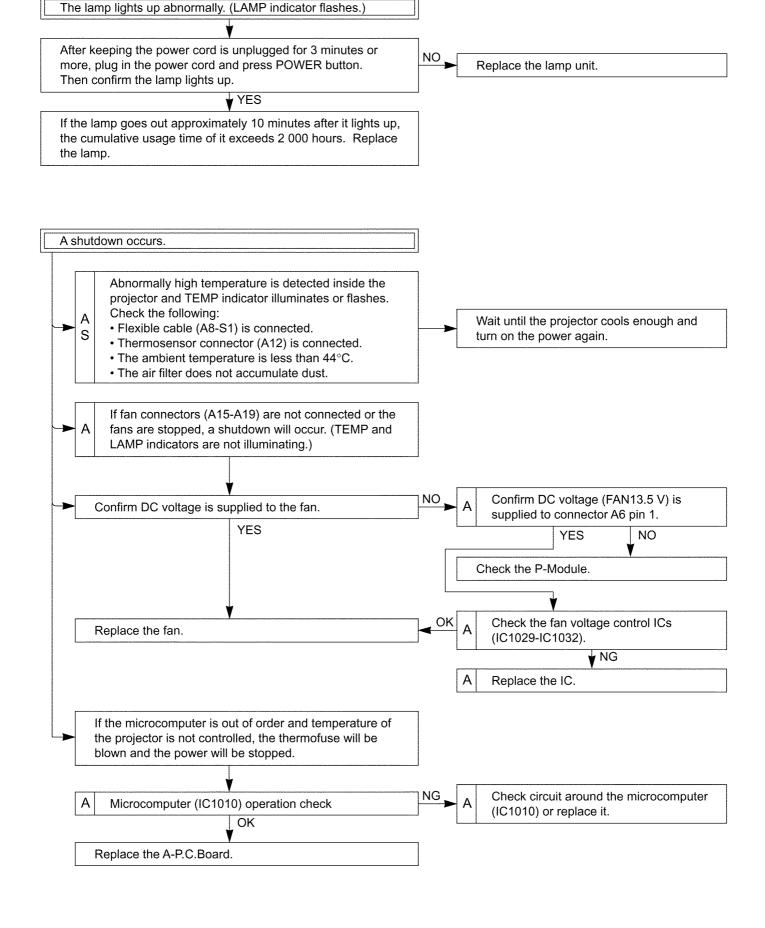
If replacing A-P.C.Board (assembly), set Model Information according to the chapter 8.9. "Model Information Setup".

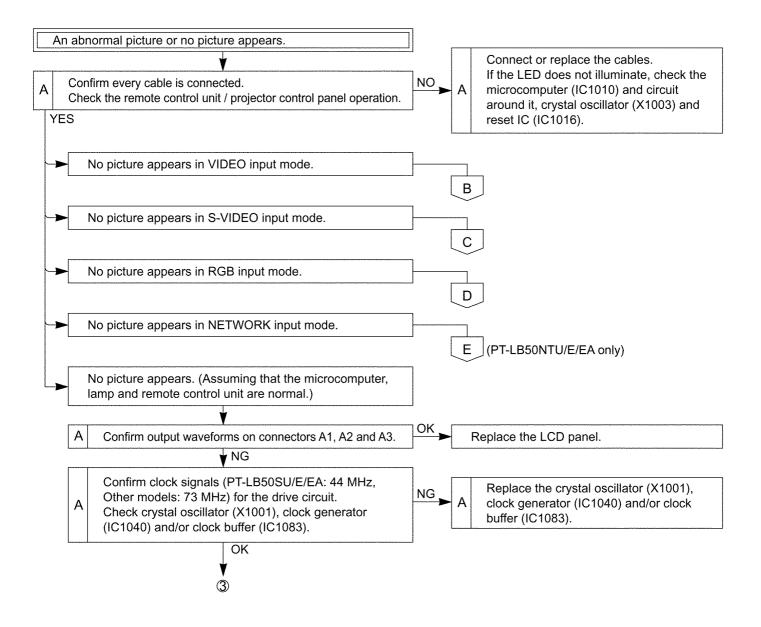


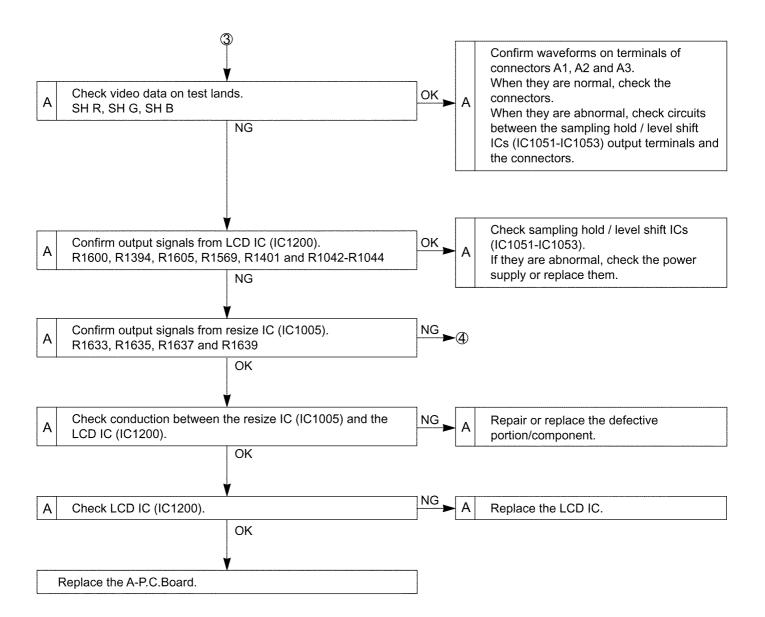


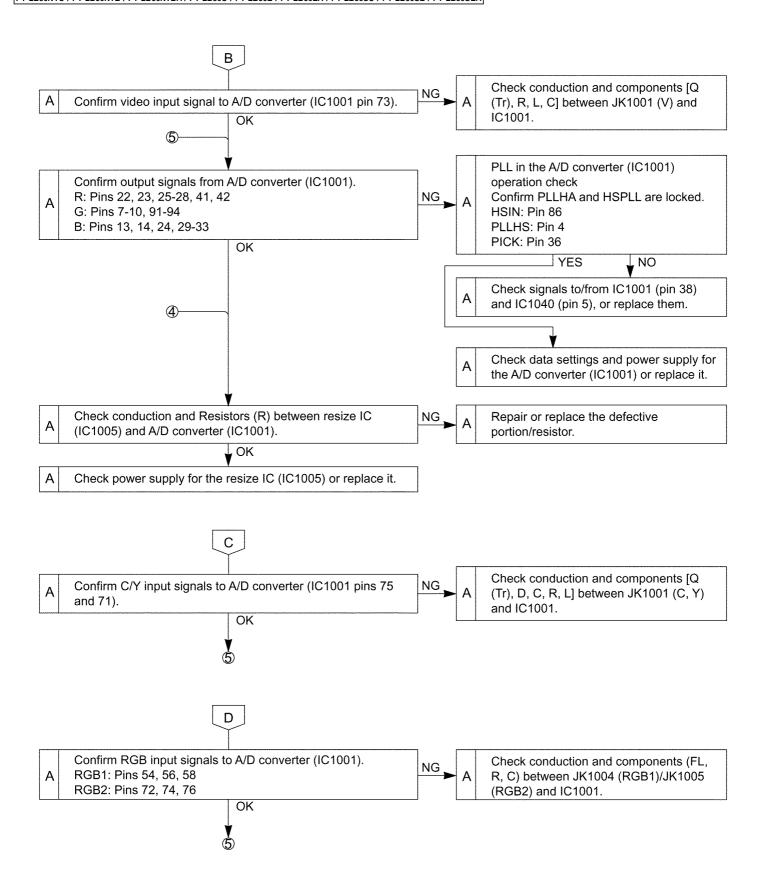


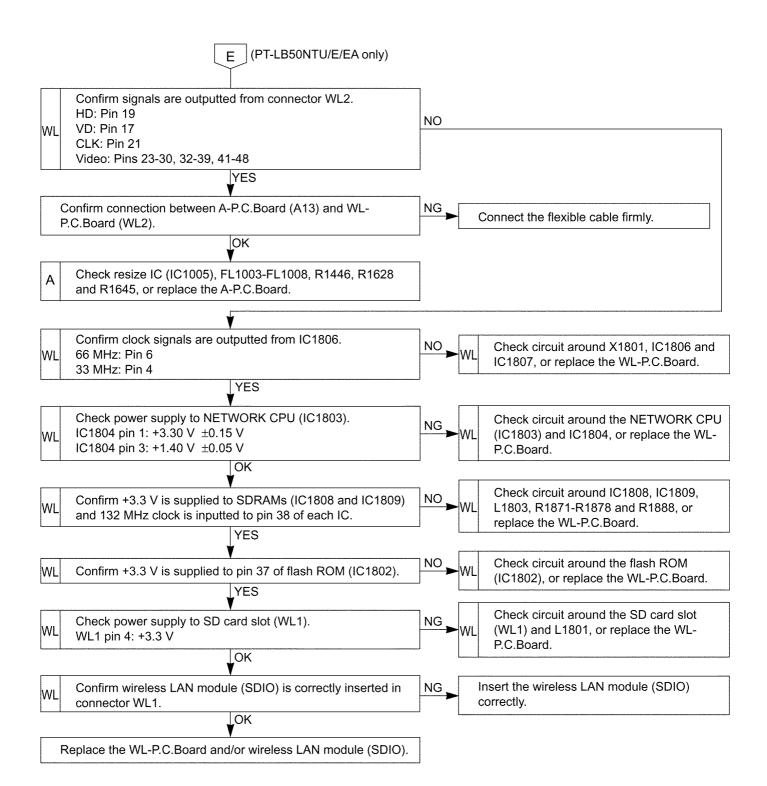


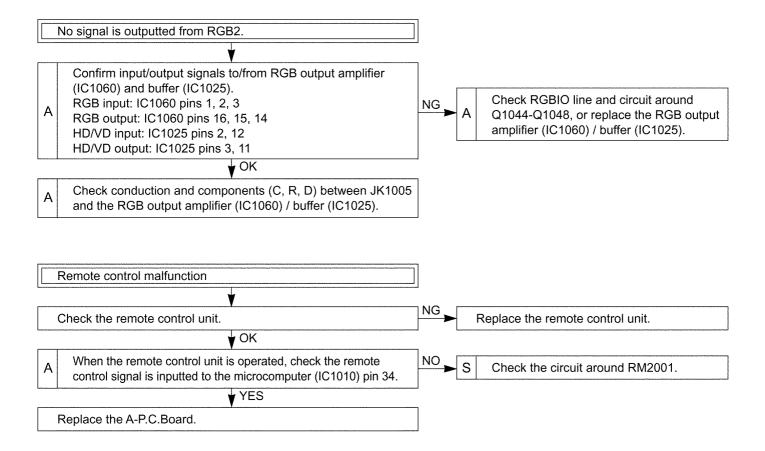


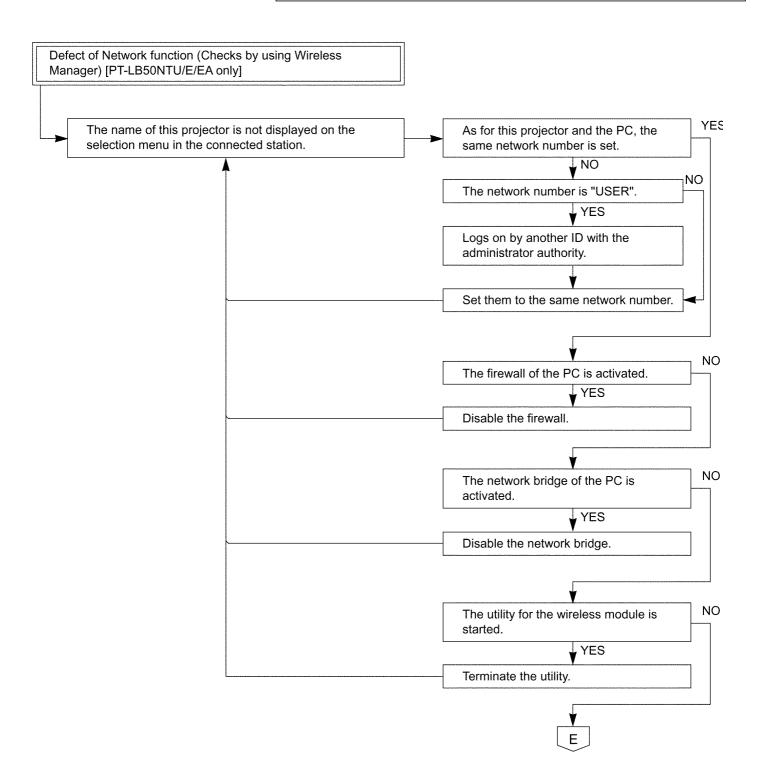






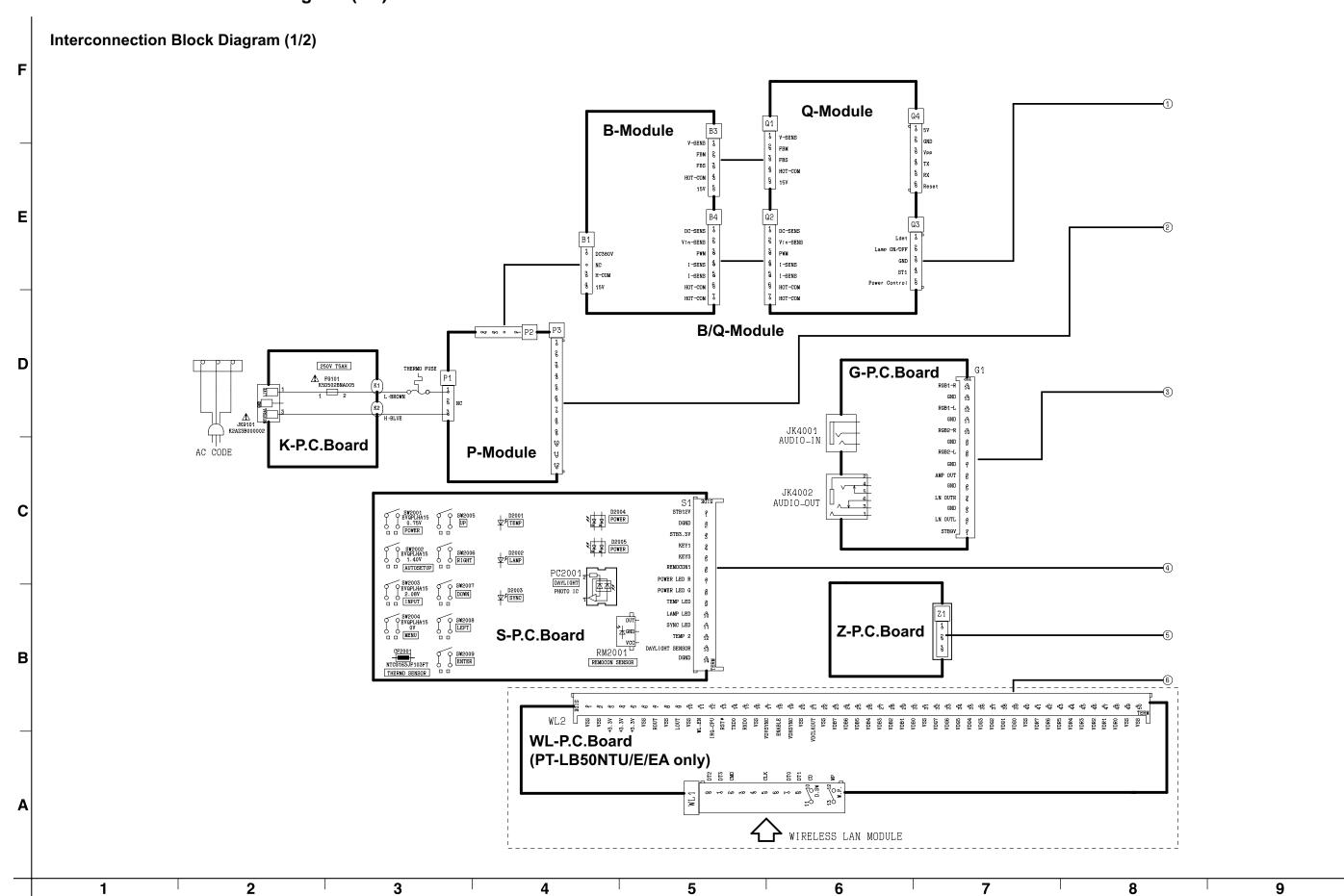




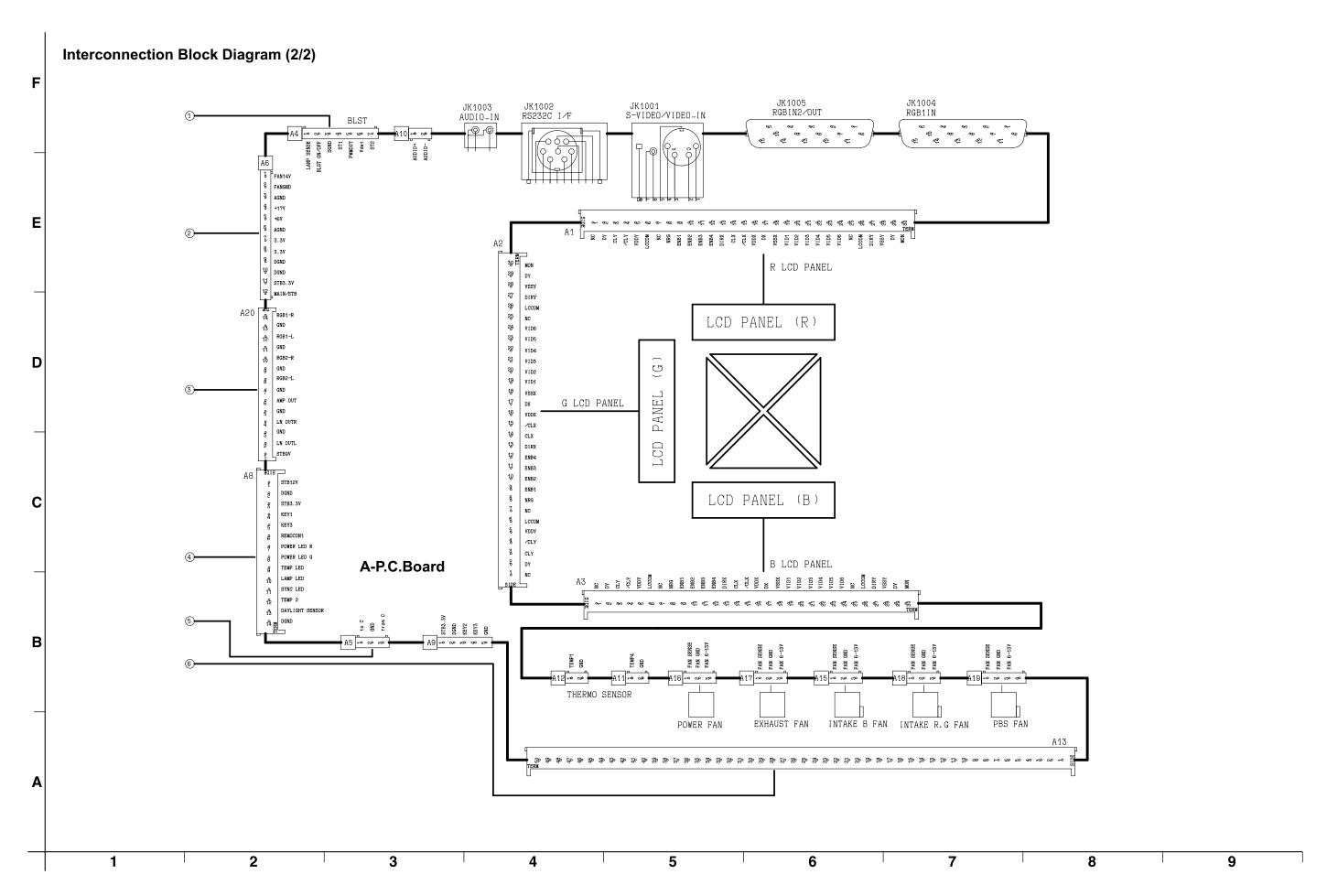


10 Interconnection Block Diagram

10.1. Interconnection Block Diagram (1/2)

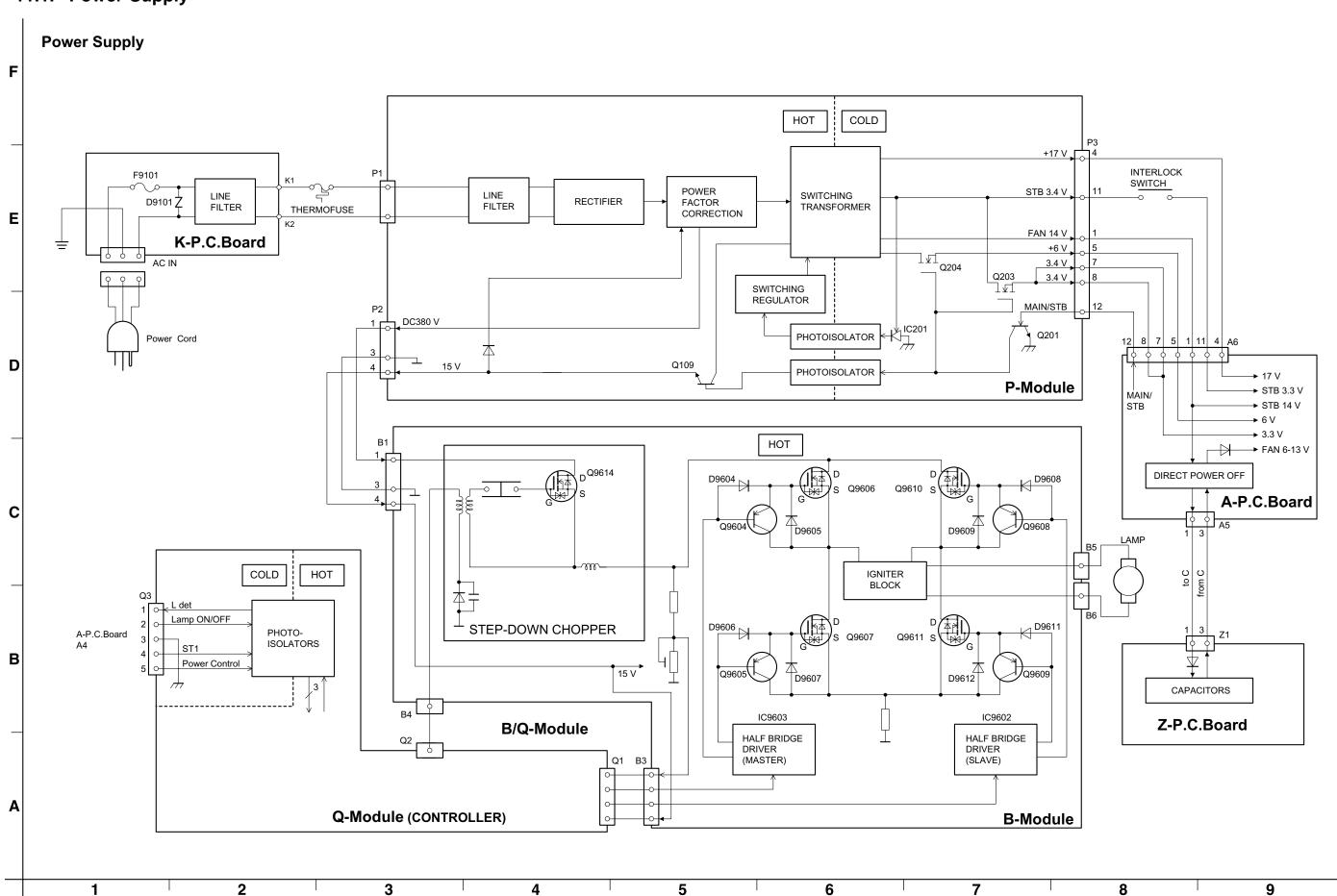


10.2. Interconnection Block Diagram (2/2)

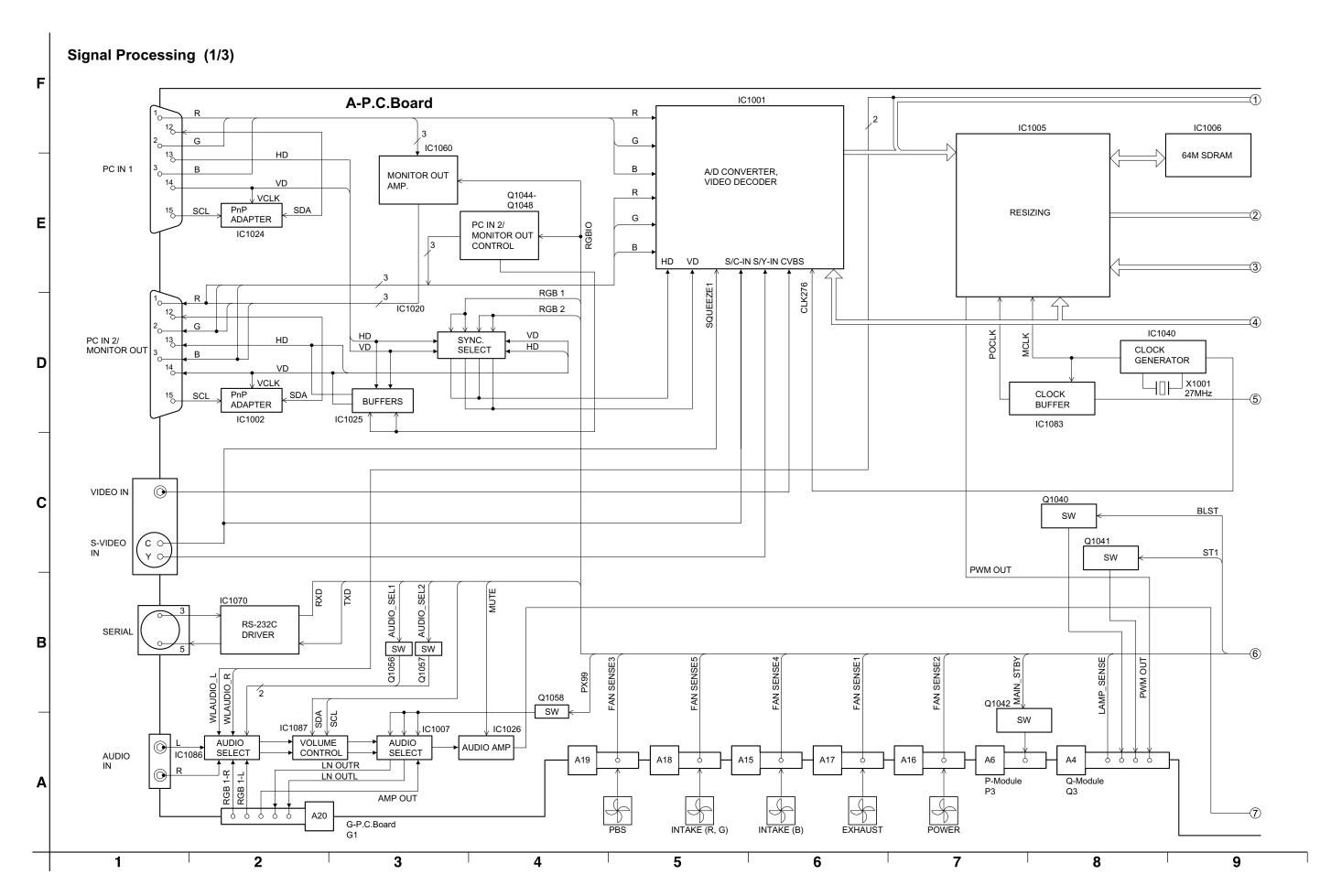


11 Block Diagram

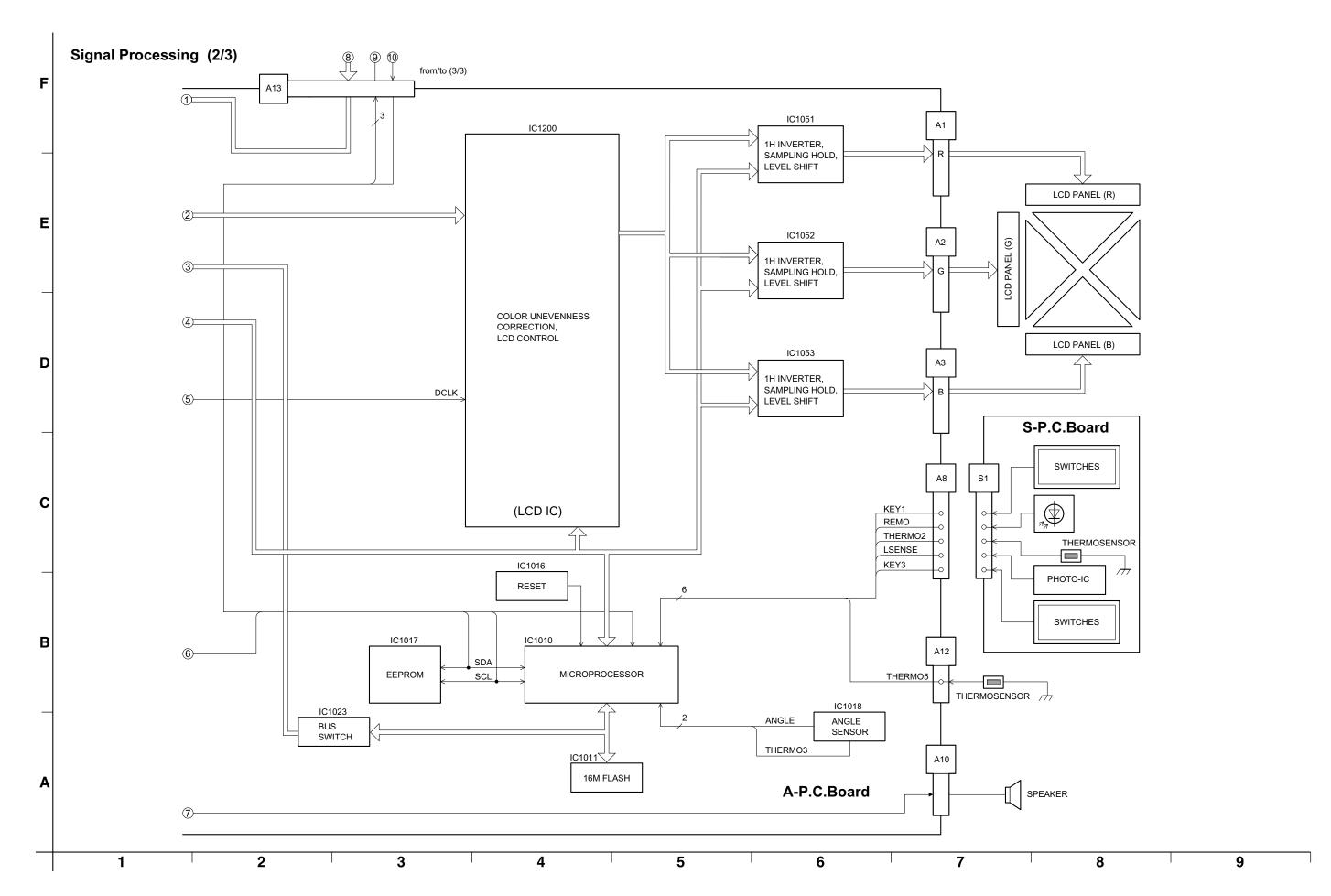
11.1. Power Supply



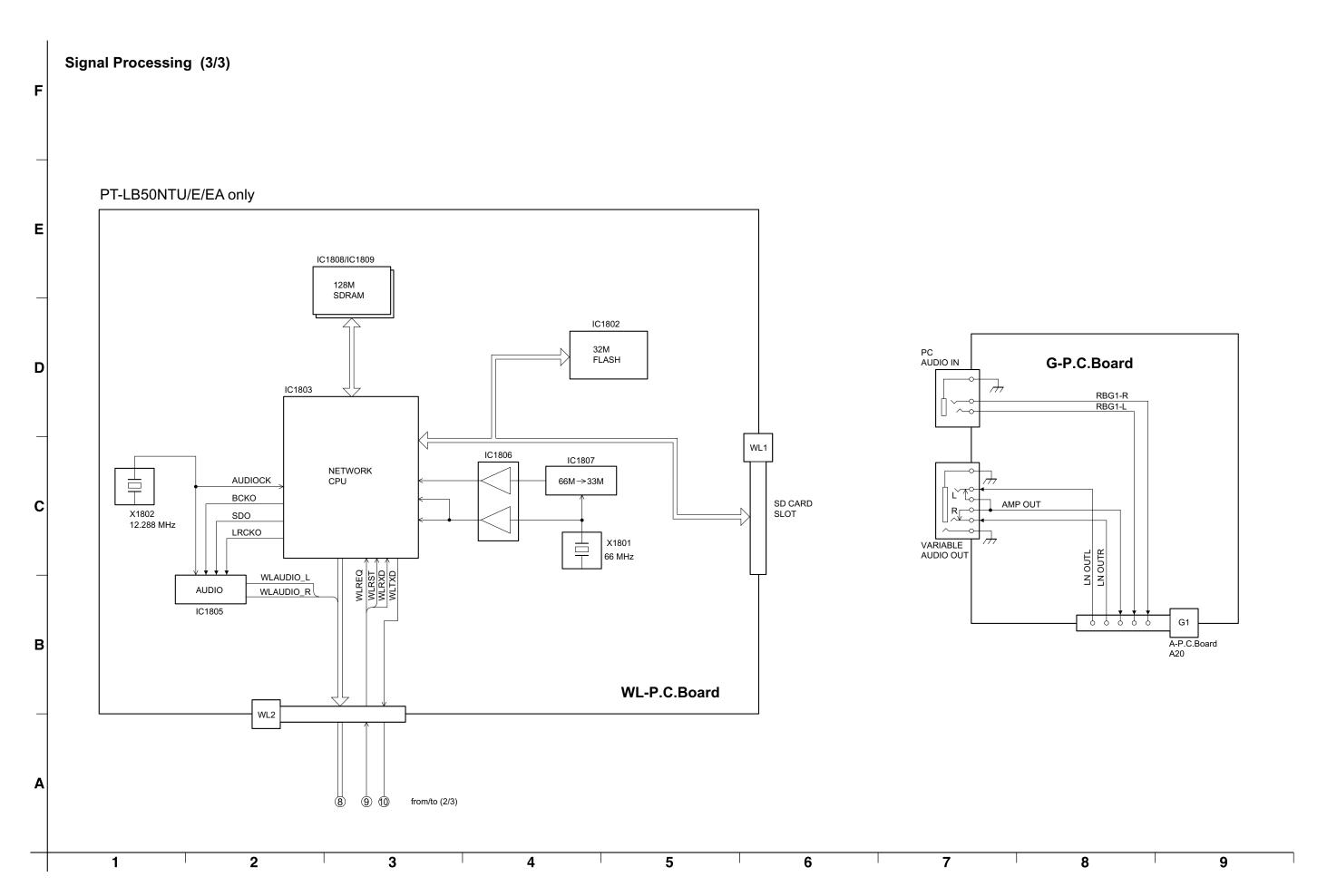
11.2. Signal Processing (1/3)



11.3. Signal Processing (2/3)



11.4. Signal Processing (3/3)



12 Schematic Diagram

Schematic Diagram for Model PT-LB50NTU/LB50U/LB50SU

IMPORTANT SAFETY NOTICE

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS.

WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

Schematic Diagram for Model PT-LB50NTE/EA, LB50E/EA, LB50SE/EA

Important Safety Notice —

Components identified by the international symbol Anave special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified ones,

Notes:

1. Resistor

All the resistors are carbon 1/4W resistors, unless marked as follows: The unit of resistance is an OHM [Ω] (K=1 000 M=1 000 000).

O : Nonflammable

X : Metal Oxide

△ : Solid

O: Metal Film

: Wire Wound

(X): Fuse

2. Capacitor

[†]∄ : Electrolytic

M : Polyester

^{NP}∰ : Bipolar

m : Metalized Polyester

① : Dipped Tantalum

: Polypropylene

②: Z-Type

3. Coil

The unit of inductance is a H, unless otherwise noted.

4. Test Point

: Test Point

5. Voltage Measurement

The voltage is measured by an electronic voltmeter receiving the colorbar signal when all the customer's controls are set to the standard condition.

6. Color code for the links between diagrams and circuit boards

From/To	To/From	Color code
Block diagram	Schematic diagram	Magenta
Schematic diagram	Schematic diagram	Green
Schematic diagram	Circuit boards	Yellow
Schematic diagram	Waveforms	Cyan (Light blue)

7. HOT and COLD indications

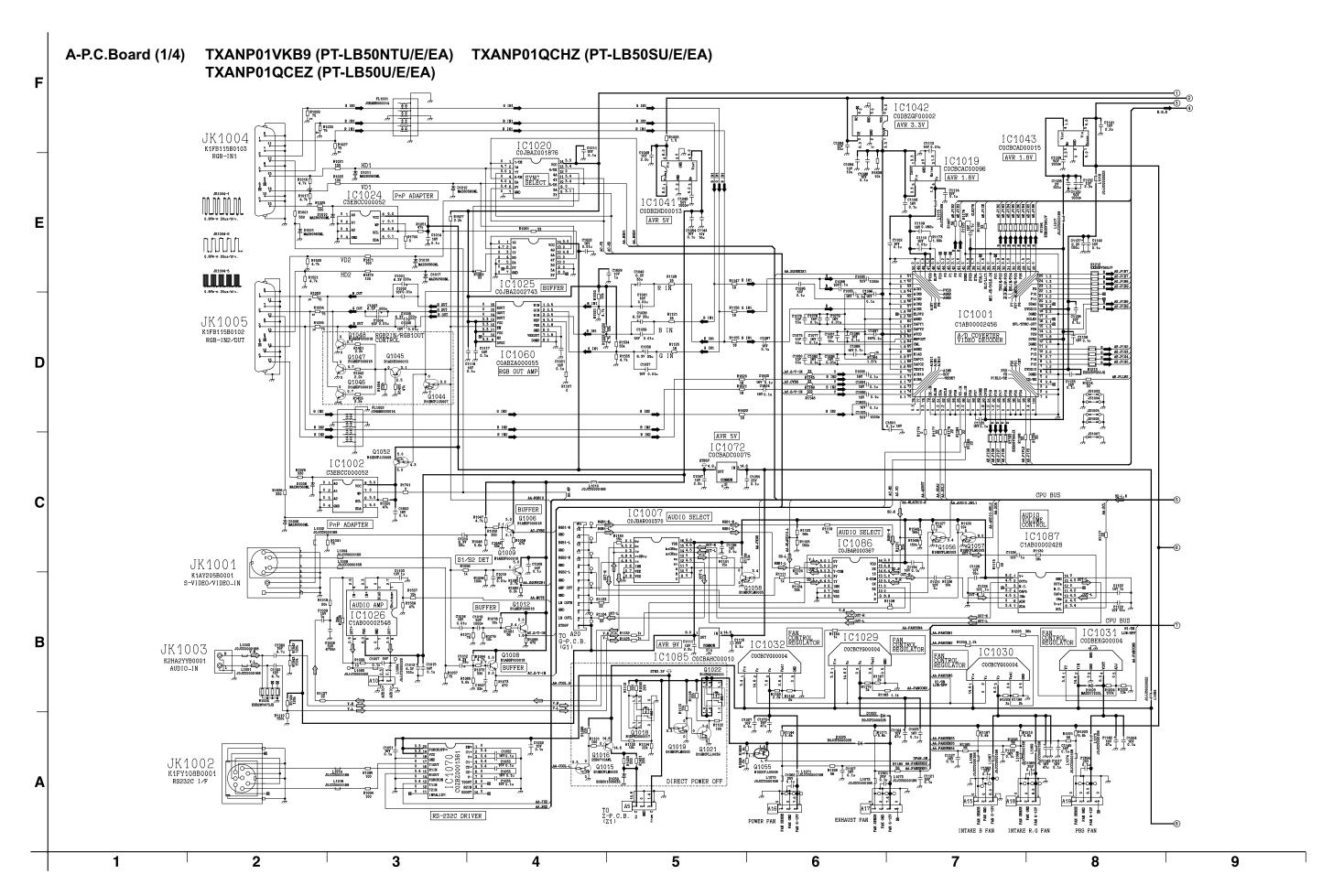
The power circuit board contains a circuit area using a separate power supply to isolate the ground connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the precautions below:

8. This schematic diagram is the latest at the time of printing and the subject to change without notice.

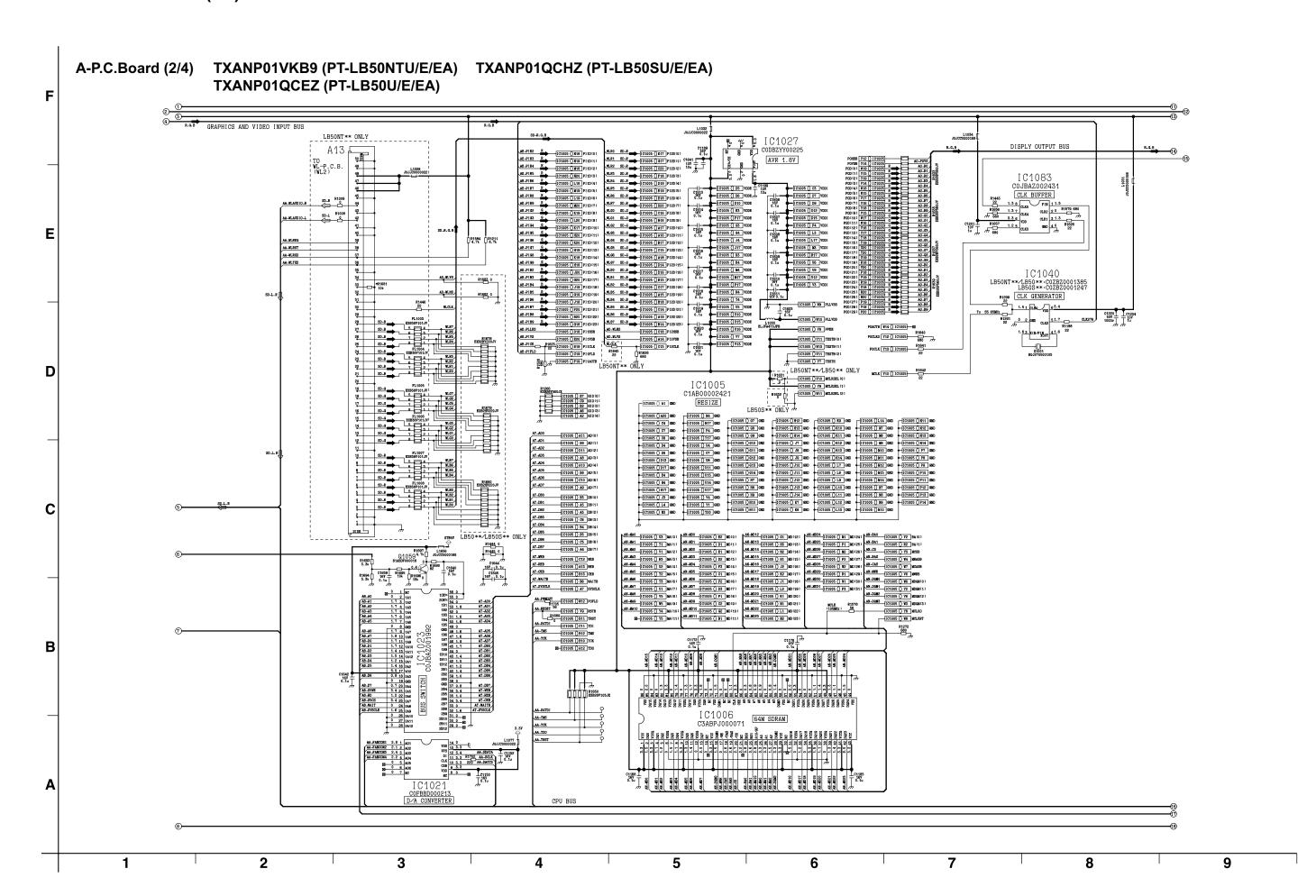
Precautions:

- 1. NEVER touch the HOT part or the HOT and COLD parts at the same time, or you may get an electric shock.
- 2. NEVER short-circuit the HOT and COLD circuits, or the fuse may blow and the parts may break.
- 3. NEVER connect an instrument such oscilloscope to the HOT and COLD circuit simultaneously, or the fuse may blow. Connect the ground of instruments to the ground of the circuit being measured.
- 4. MAKE SURE to unplug the power cord from the power outlet before removing the chassis.

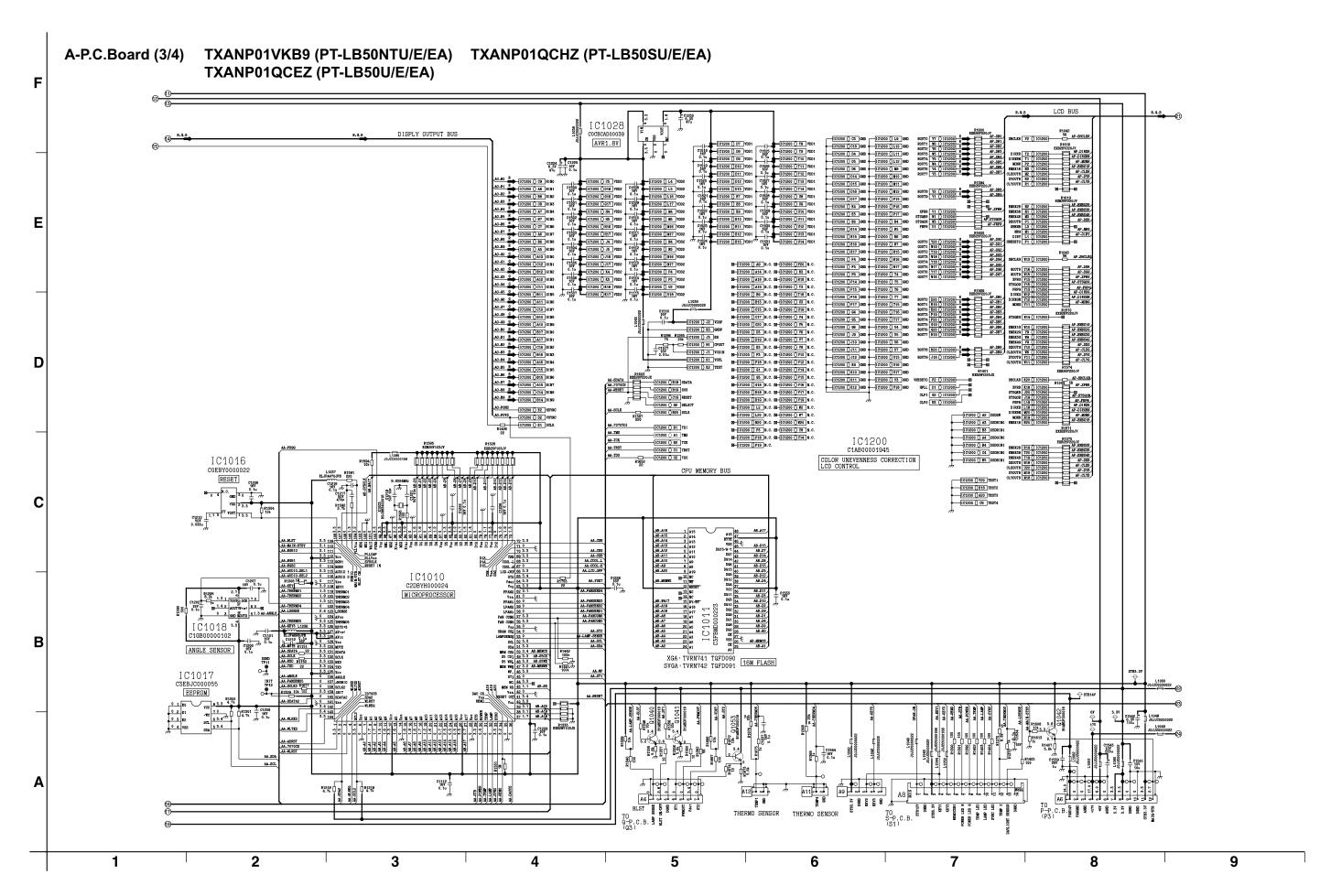
12.1. A-P.C.Board (1/4)



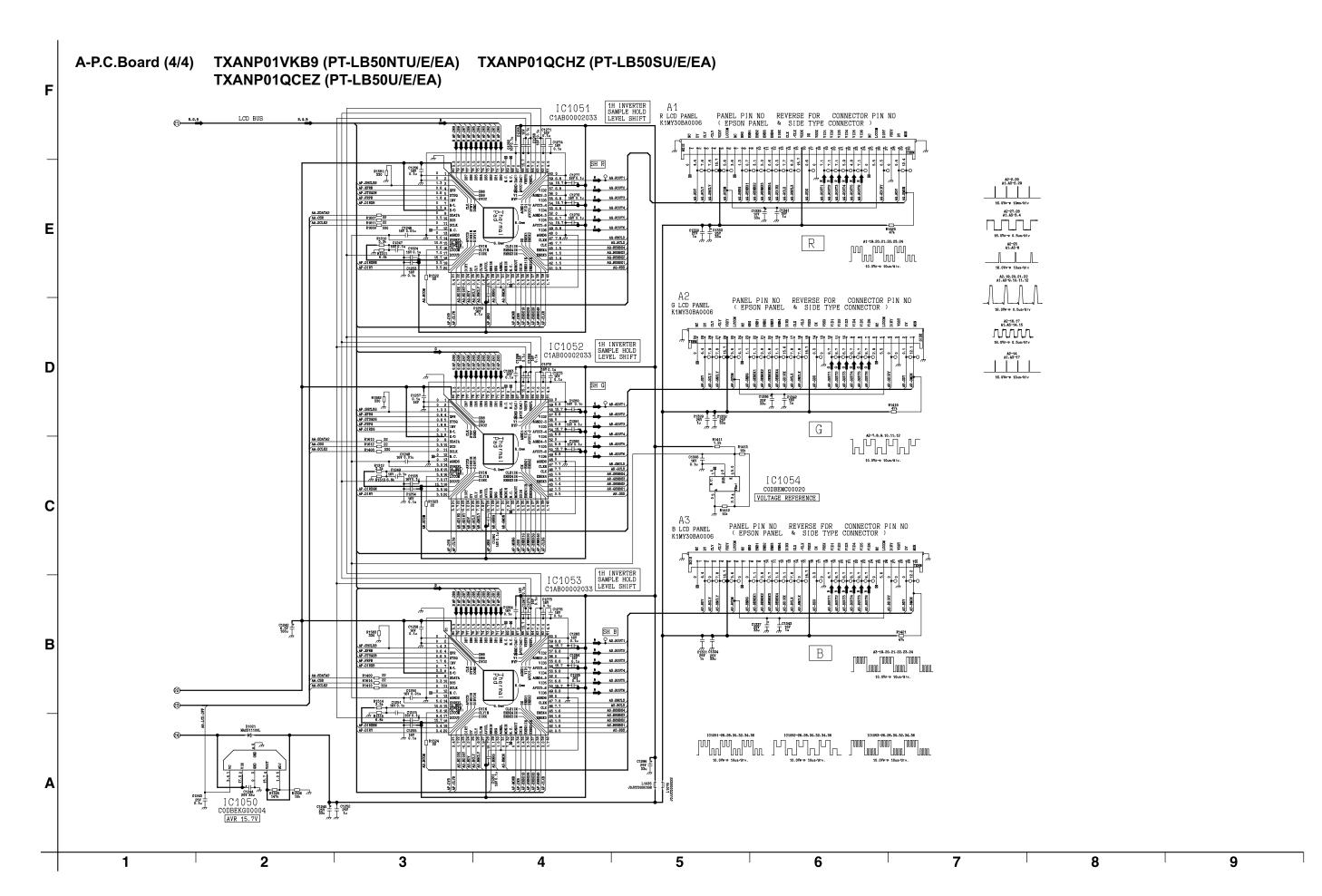
12.2. A-P.C.Board (2/4)



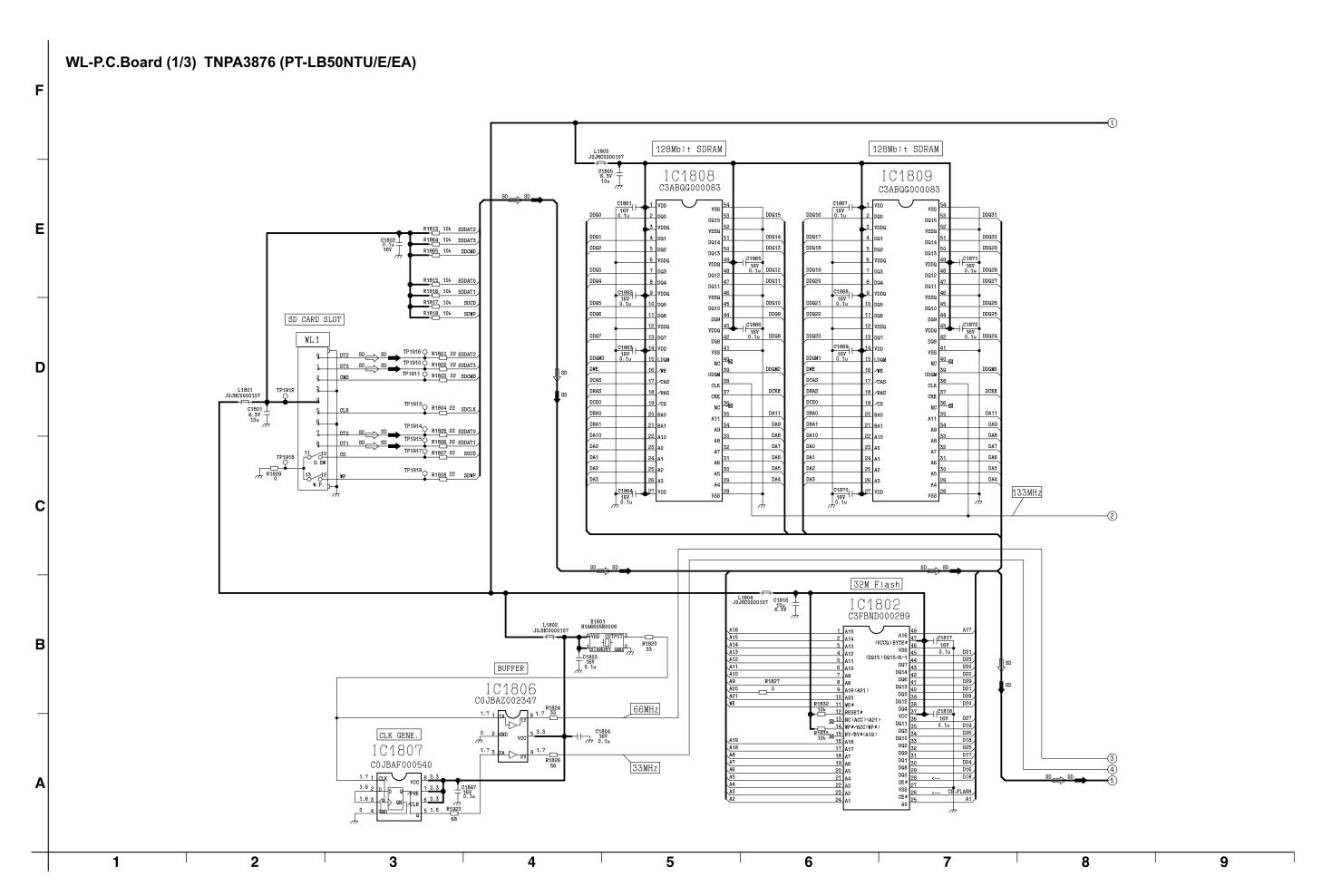
12.3. A-P.C.Board (3/4)



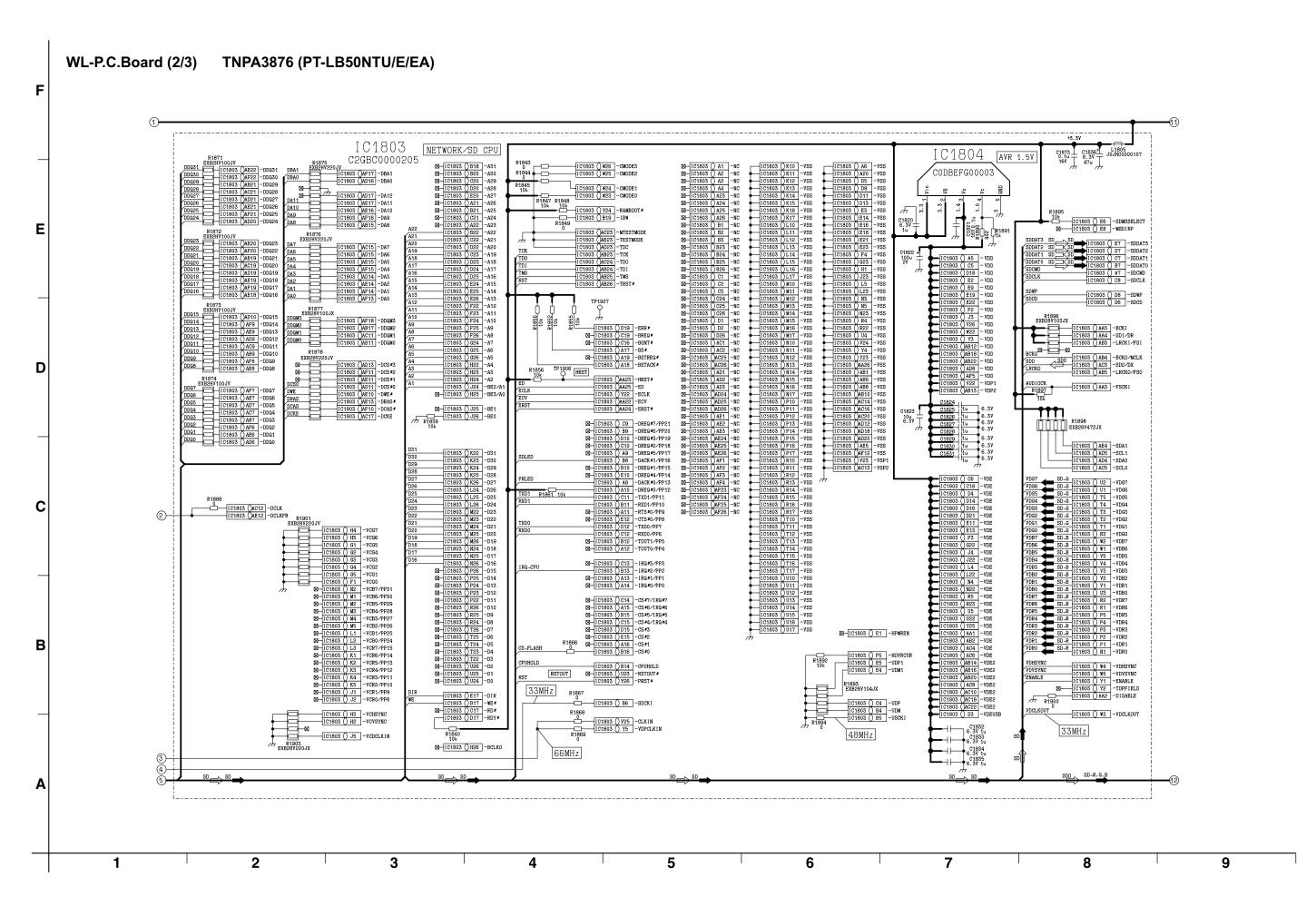
12.4. A-P.C.Board (4/4)



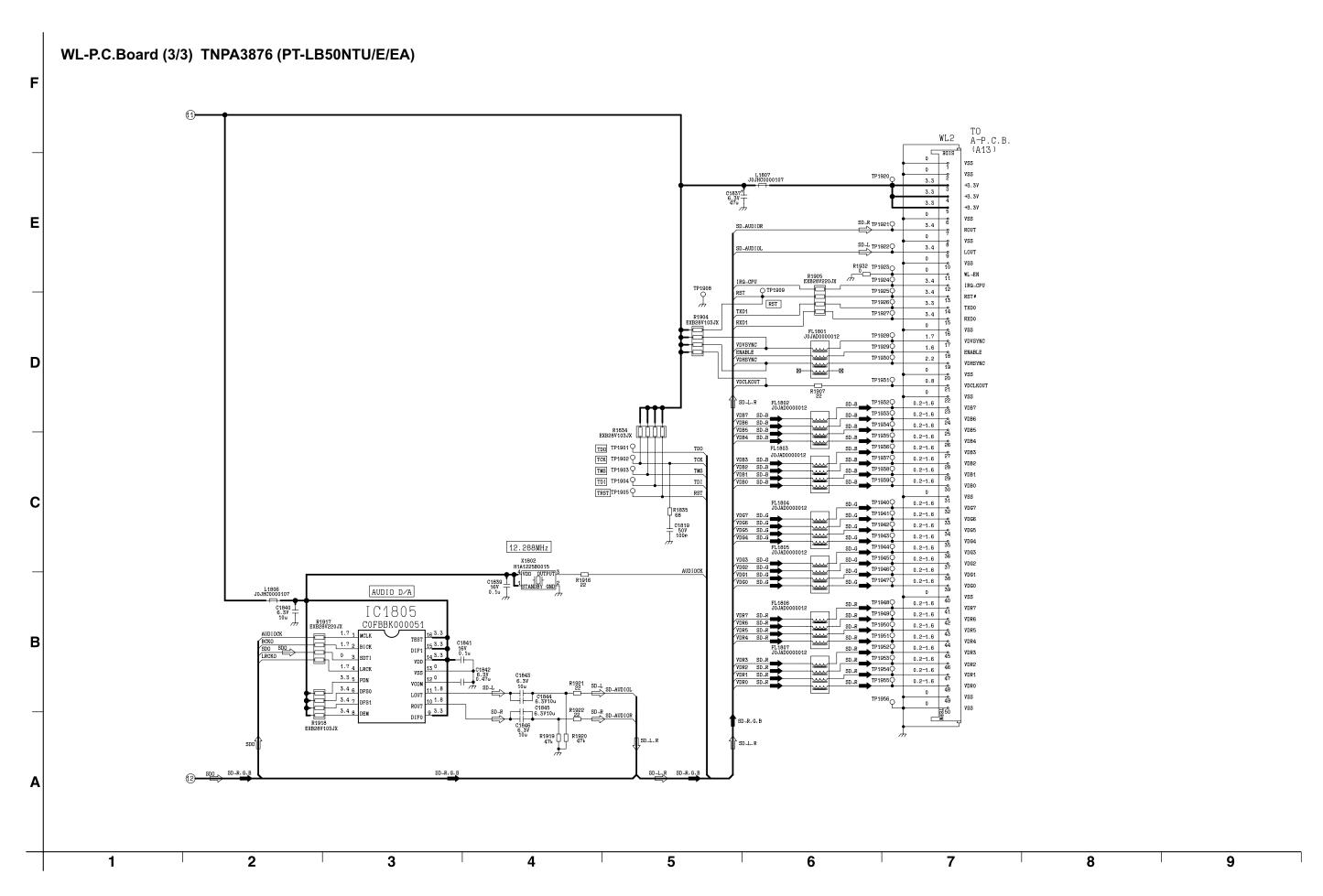
12.5. WL-P.C.Board (1/3)



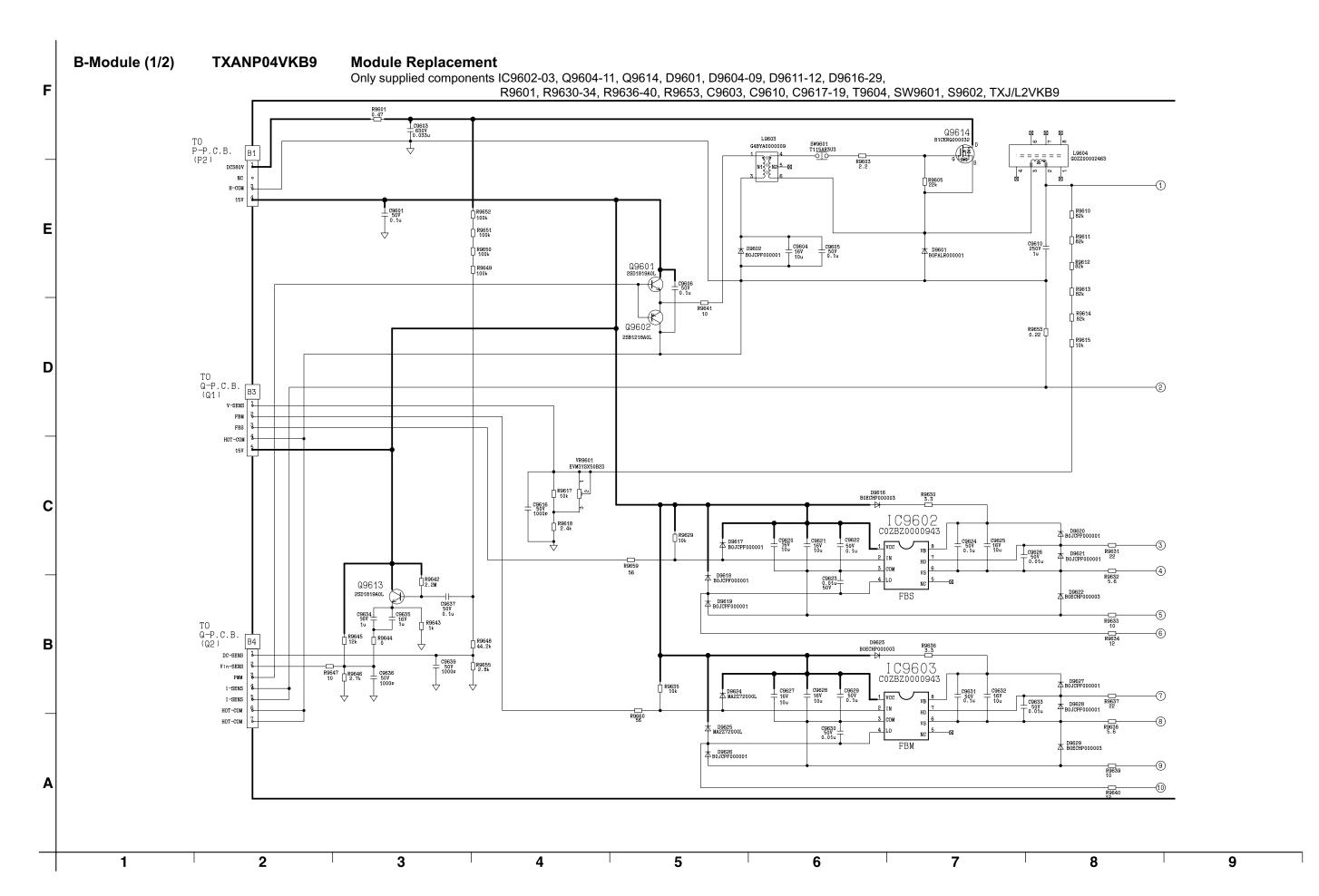
12.6. WL-P.C.Board (2/3)



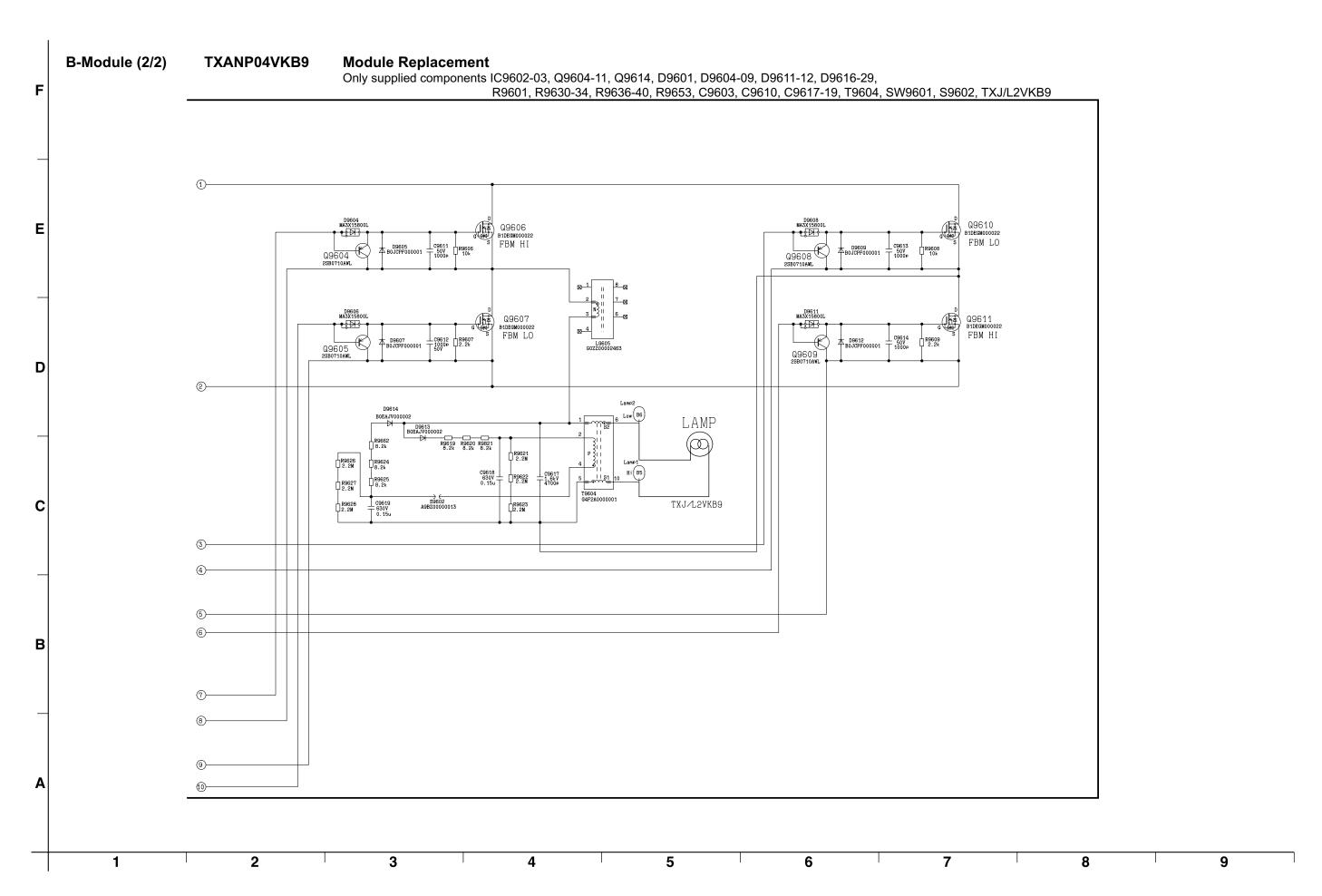
12.7. WL-P.C.Board (3/3)



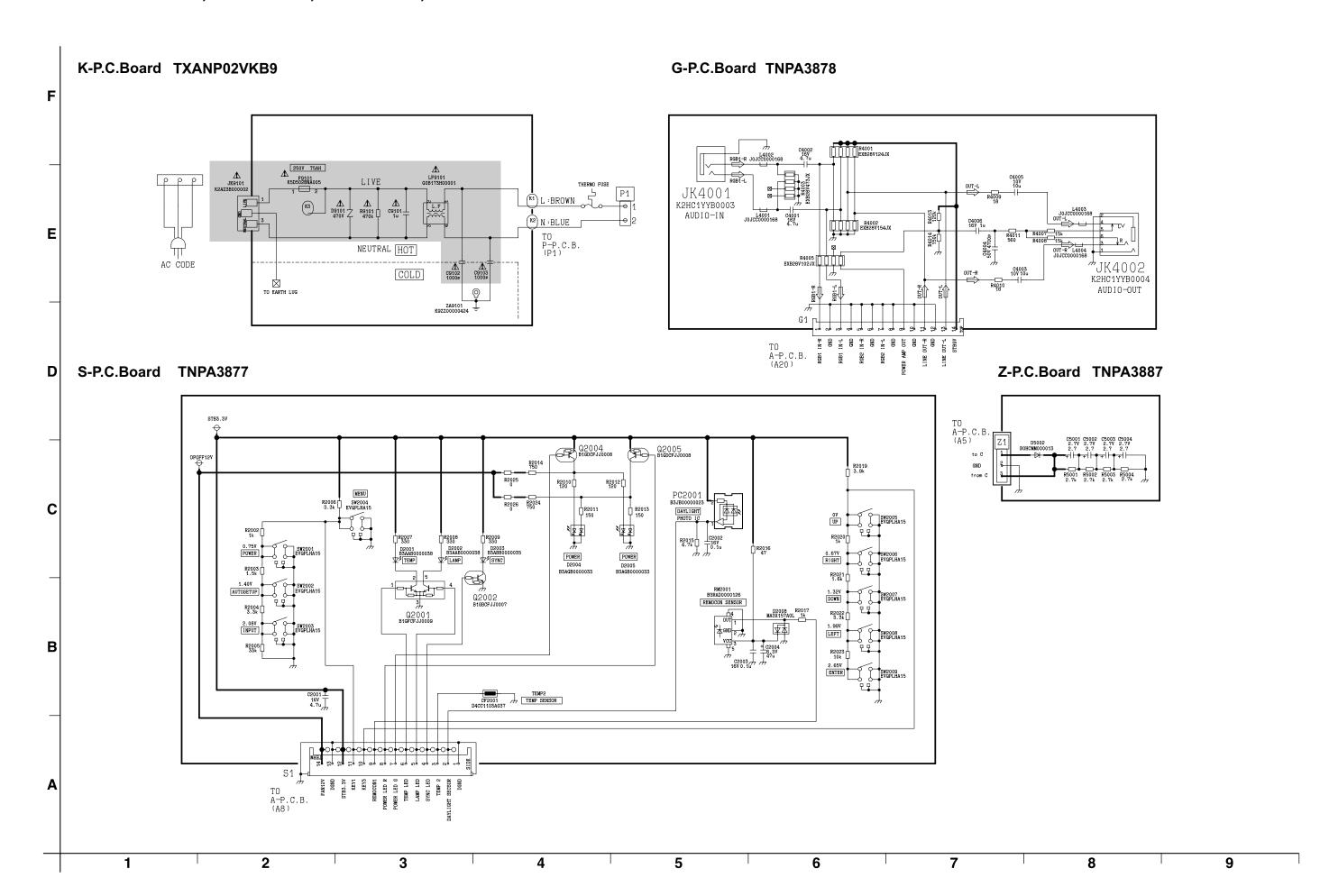
12.8. B-Module (1/2)



12.9. B-Module (2/2)



12.10. K-P.C.Board, S-P.C.Board, G-P.C.Board, Z-P.C.Board



PT-LB50NTU / PT-LB50NTE / PT-LB50NTEA / PT-LB50U / PT-LB50E / PT-LB50EA / PT-LB50SU / PT-LB50SE / PT-LB50SEA

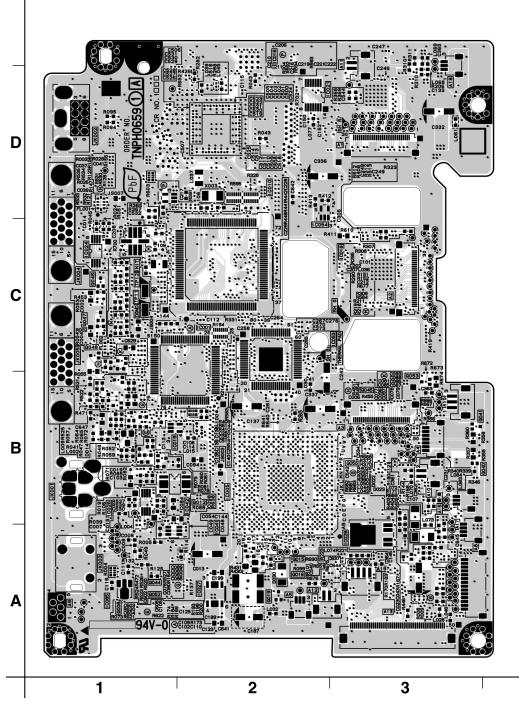
13 Circuit Boards

13.1. A-P.C.Board

A-P.C.Board TXANP01VKB9 (PT-LB50NTU/E/EA) (Foil Side) TXANP01QCEZ (PT-LB50U/E/EA) TXANP01QCHZ (PT-LB50SU/E/EA)

		A-I	P.C.Board	d (Foil Si	de)		
IC				TRANS	ISTOR		
IC1001	C-2	IC1026	B-1	Q1008	A-1	Q1045	B-3
IC1005	B-2	IC1027	A-2	Q1012	B-2	Q1046	C-1
IC1010	C-2	IC1029	A-3	Q1015	A-2	Q1047	C-1
IC1016	D-3	IC1041	A-2	Q1016	A-2	Q1048	C-1
IC1018	C-3	IC1042	B-2	Q1019	A-2	Q1052	A-1
IC1019	B-1	IC1053	C-2	Q1040	B-3	Q1053	B-3
IC1021	D-2	IC1054	C-2	Q1041	B-3	Q1055	B-3
IC1024	C-1	IC1085	A-1	Q1044	A-1		

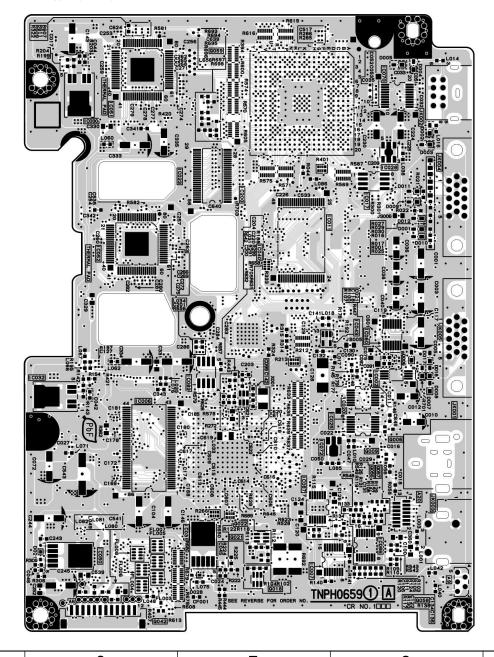
ADDRESS INFORMATION



A-P.C.Board TXANP01VKB9 (PT-LB50NTU/E/EA) (Component Side) TXANP01QCEZ (PT-LB50U/E/EA) TXANP01QCHZ (PT-LB50SU/E/EA)

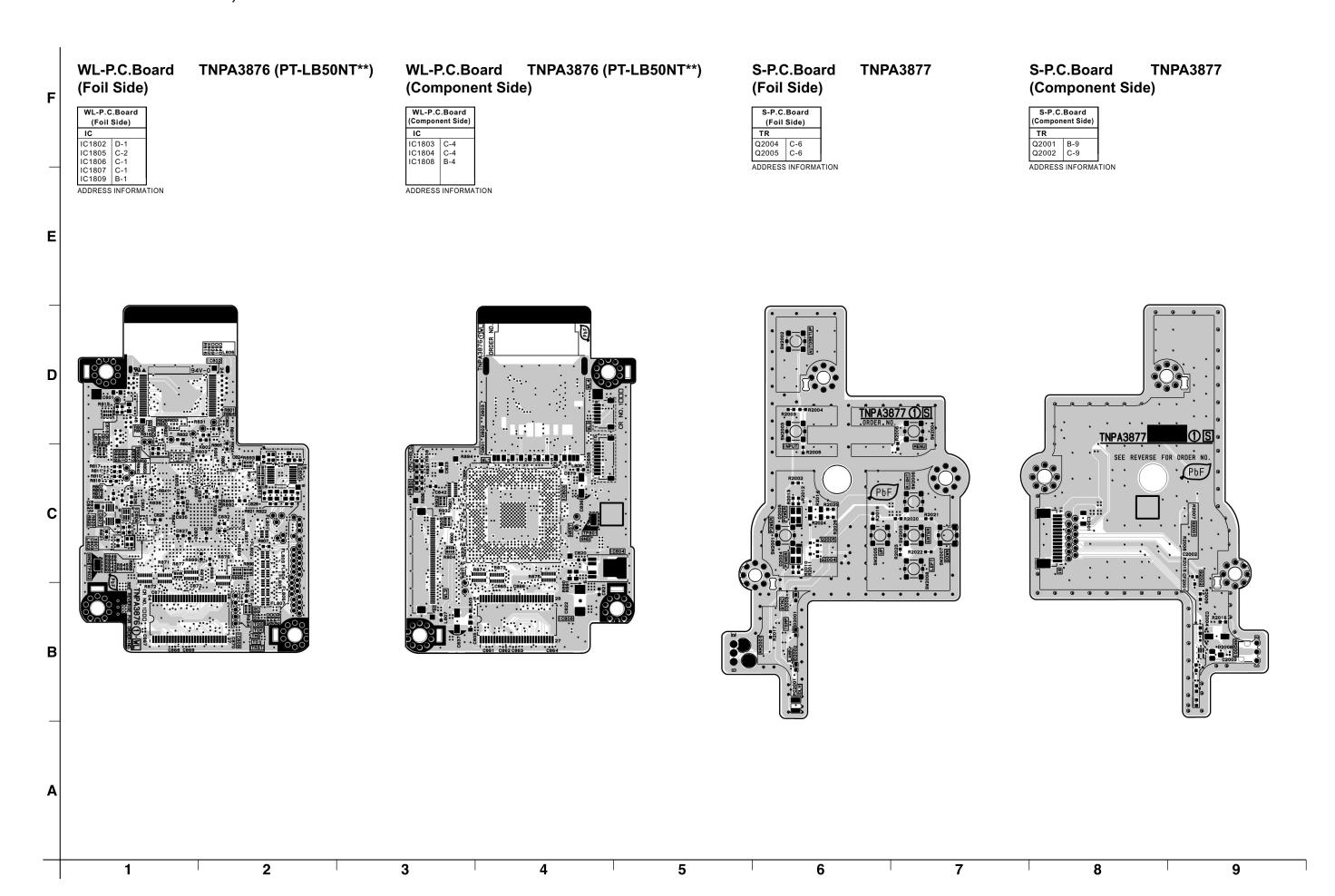
	A-P.C.Bo	ard (Com	ponent S	ide)	
IC				TRANS	ISTOR
IC1002	B-8	IC1040	C-7	Q1006	B-8
IC1006	B-6	IC1043	C-8	Q1009	B-8
IC1007	A-7	IC1050	A-6	Q1018	A-7
IC1011	C-7	IC1051	D-6	Q1021	A-7
IC1017	D-8	IC1052	C-6	Q1022	A-7
IC1020	B-8	IC1060	C-8	Q1042	A-6
IC1023	D-7	IC1070	D-8	Q1056	B-8
IC1025	B-8	IC1072	B-7	Q1057	B-8
IC1028	D-8	IC1083	B-7	Q1058	A-8
IC1030	D-6	IC1086	A-8	Q1059	D-7
IC1031	A-7	IC1087	A-7		
IC1032	B-6	IC1200	D-7		

ADDRESS INFORMATIO

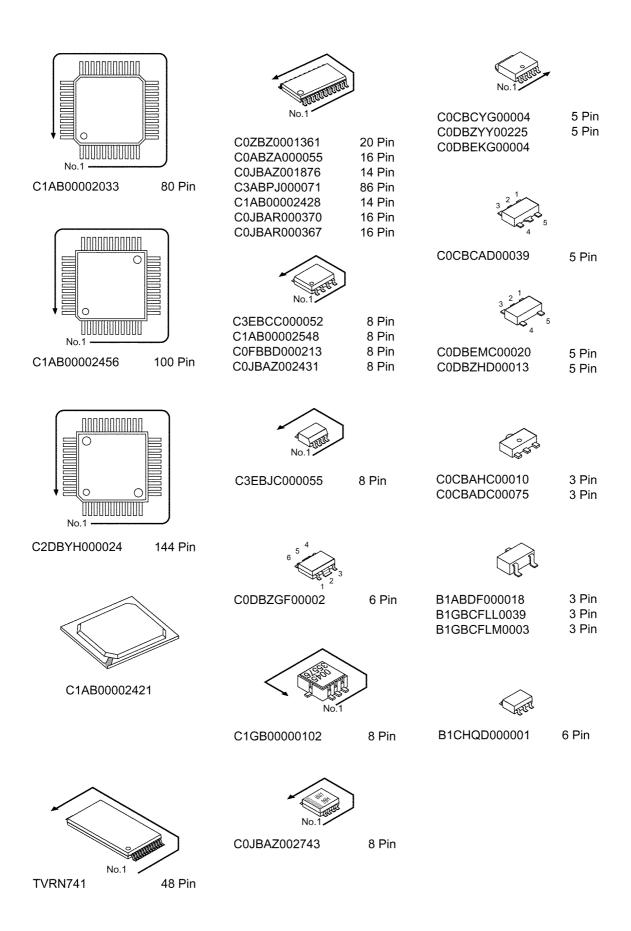


5

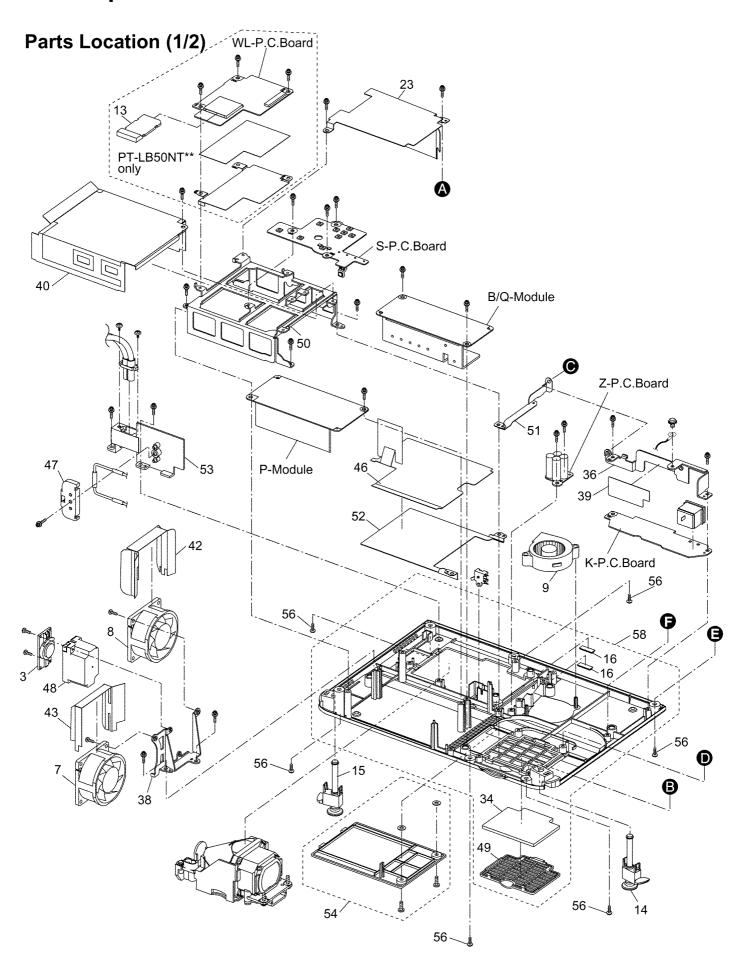
13.2. WL-P.C.Board, S-P.C.Board

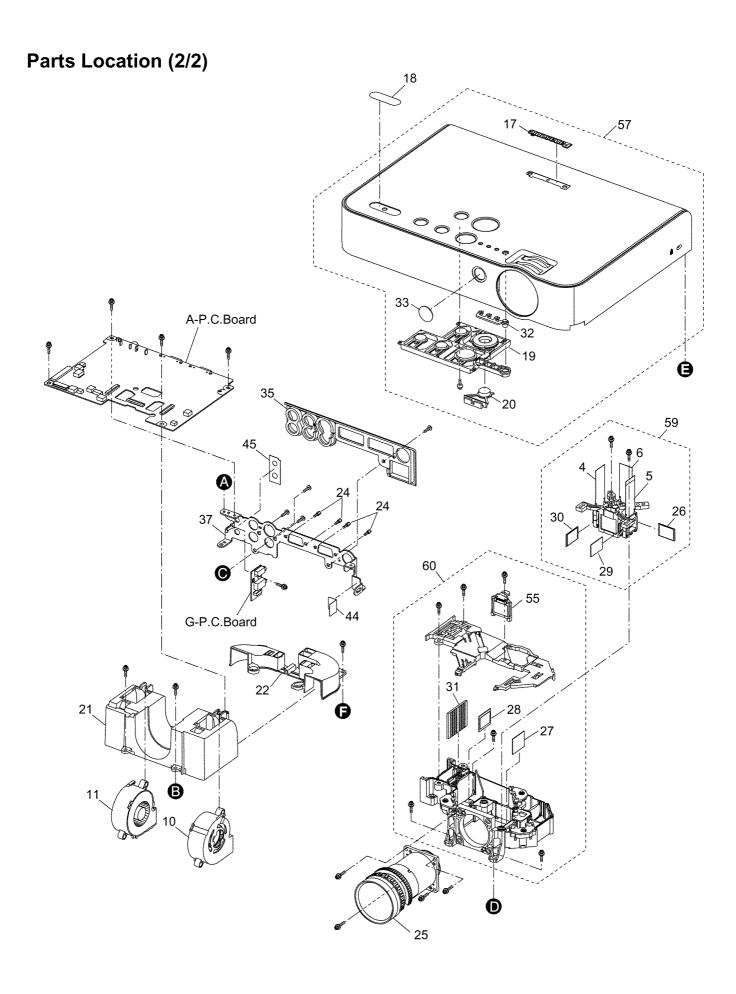


14 Terminal guide of ICs and transistors

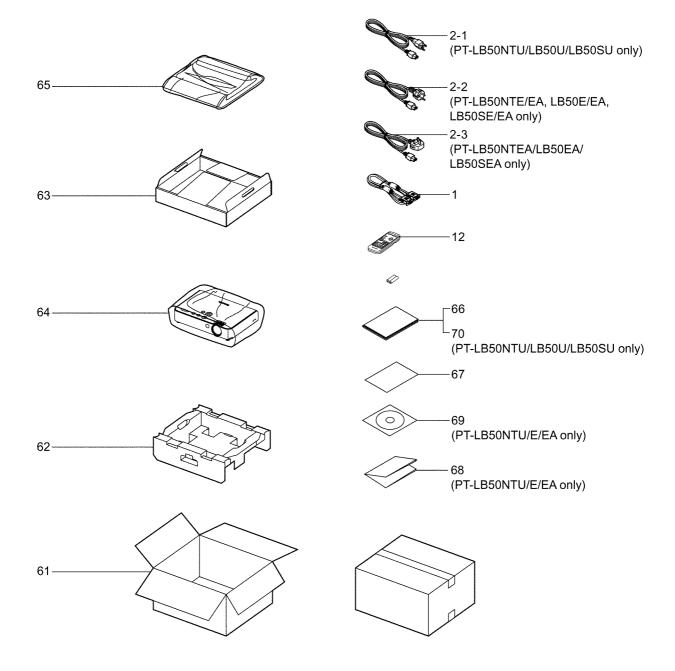


15 Exploded Views





Packing Parts



16 Replacement Parts List

Important Safety Notice

Components identified by the International symbol \triangle have special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified parts.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Carbon	F: ±1%
F : Fuse	G: ±2%
M: Metal Oxide	J: ±5%
Metal Film	K : ±10%
S : Solid	M : ±20%
W: Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF <u>C</u> 0.01PF, <u>Z</u>, 50V

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Ceramic E : Electrolytic P : Polyester PP: Polypropylene S : Polystyrol T : Tantalum	C: ±0.25 pF D: ±0.5 pF F: ±1 pF J: ±5 % K: ±10 % L: ±15 % M: ±20 % P: +100 %, -0 % Z: +80 %, -20 %
	2 . 400 %, -20 %

Notes:

Printed circuit board assembly with mark (RTL) is no longer available after production discontinuation of the complete set.

Ref.	Part No.	Part Name &	Remarks
No.		Description	
		[MECHANICAL PARTS]	
	J0KG00000036	CORE	\triangle
1	K1HA15DA0002	VGA CABLE	
2-1	K2CG3DR00006	POWER CORD	⚠ LB50NTU, LB50U, LB50SU
2-2	K2CM3DR00002	POWER CORD (EUROPE)	A LB50NTE/EA, LB50E/EA, LB50SE/EA
2-3	K2CT3DR00005	POWER CORD (UK)	⚠ LB50NTEA, LB50EA, LB50SEA
3	L0AA04C00010	SPEAKER	
4	L5BDAYY00001	LIQUID CRYSTAL DISPLAY(B)	LB50NTU/E/EA, LB50U/E/EA
5	L5BDAYY00003	LIQUID CRYSTAL	LB50NTU/E/EA,
		DISPLAY(R)	LB50U/E/EA
6	L5BDAYY00004	LIQUID CRYSTAL	LB50NTU/E/EA,
		DISPLAY (G)	LB50U/E/EA
5	L5BDAXN00079	LIQUID CRYSTAL DISPLAY(R)	LB50SU/E/EA
4	L5BDAXN00081	LIQUID CRYSTAL DISPLAY(B)	LB50SU/E/EA
6	L5BDAXN00083	LIQUID CRYSTAL DISPLAY(G)	LB50SU/E/EA
7	L6FAYYYH0009	POWER FAN	\triangle
8	L6FAYYYH0010	LAMP FAN	\triangle
9	L6FCYYYH0006	PBS FAN	\triangle
10	L6FCYYYH0007	SIROCCO FAN (GR)	\triangle
11	L6FCYYYH0008	SIROCCO FAN (B)	\triangle
12	N2QAYA00001	REMOTE CONTROLLER	LB50NTU/E/EA
	N2QAYA000002	REMOTE CONTROLLER	LB50U/E/EA, LB50SU/E/EA
13	N5HZZ0000042	LAN MODULE	⚠ LB50NTU/E/EA
14	TBLB0058	ADJUST LEG (L)	
15	TBLB0059	ADJUST LEG (R)	
16	TBLG3076	RUBBER LEG	
17	TBMA190	PANASONIC BADGE	
18	TBMA191	LOGO BADGE (WIRELESS)	LB50NTU/E/EA
	TBMA192	LOGO BADGE (XGA)	LB50U/E/EA
	TBMA193	LOGO BADGE (SVGA)	LB50SU/E/EA

Ref.	Part No.	Part Name &	Remarks
No.		Description	
	TBMG174	MODEL NAME PLATE	LB50NTU
	TBMG175	MODEL NAME PLATE	LB50NTE
	TBMG176	MODEL NAME PLATE	LB50NTEA
	TBMG177	MODEL NAME PLATE	LB50U
	TBMG178	MODEL NAME PLATE	LB50E
	TBMG179	MODEL NAME PLATE	LB50EA
	TBMG180	MODEL NAME PLATE	LB50SU
	TBMG181	MODEL NAME PLATE	LB50SE
	TBMG182	MODEL NAME PLATE	LB50SEA
	TBMG183	MODEL NO. LABEL	LB50NTU
	TBMG184	MODEL NO. LABEL	LB50NTE
	TBMG185	MODEL NO. LABEL	LB50NTEA
	TBMG186	MODEL NO. LABEL	LB50U
	TBMG187	MODEL NO. LABEL	LB50E
	TBMG188	MODEL NO. LABEL	LB50EA
	TBMG189	MODEL NO. LABEL	LB50SU
	TBMG190	MODEL NO. LABEL	LB50SE
	TBMG191	MODEL NO. LABEL	LB50SEA
19	TBXA48901	CONTROL BUTTON A	
20	TBXA49001	CONTROL BUTTON B	
21	TEEC5219	DUCT 1	
22	TEEC5220	DUCT 2	
23	TENC5350	LAMP HOUSE	
24	THEC084N	SCREW	
25	TKGF0129	LENS	
26	TKGP0032	POLARIZING	LB50NTU/E/EA,
		PLATE/OUT(G)	LB50U/E/EA
	TKGP0033	POLARIZING	LB50SU/E/EA
		PLATE/OUT(G)	
27	TKGP5288	POLARIZING PLATE/IN(R)	
28	TKGP5290	POLARIZING PLATE/IN(B)	
29	TKGP5291	POLARIZING	
		PLATE/OUT(R)	
30	TKGP5301	POLARIZING	
	mwan Faaa	PLATE/OUT(B)	
31	TKGP5302	PBS	<u> </u>
32	TKKC5242	LED PLATE	-
33	TKKC5243	REMOTE RECEIVER PLATE	
34	TKNE061	FILTER	
35	TKPB01901	TERMINAL COVER	
36	TKZF5045	AC INLET PLATE	
37	TKZF5046	TERMINAL METAL	
38	TKZJ5064	VENTILATION FAN METAL	

No.	Part No.	Part Name & Description	Remarks
	TMKG389	FAN SPONGE	
	TMKG674	VENTILATION FAN SPONGE	
	TMKG702	SHEET	
	TMKG703	SHEET	
	TMKG704	SHEET	
	TMKG707	SHEET	
	TMKX100	WASHER	
39	TMKY022	INSULATION SHEET (K-PCB)	
40	TMKY023	POWER INSULATION COVER	
	TMKY024	POWER INSULATION SHEET	
42	TMKY025	VENTILATION FAN COVER	
43	TMKY026	POWER FAN COVER	
	TMKY027	LEAD WIRE COVER	
44	TMKY028	SHIELD SHEET	
45	TMKY044	TERMINAL COVER SHEET	
46	TMKY045	POWER INSULATION SHEET	
	TMKY046	LEAD WIRE COVER 2	
	TMKY047	LEAD WIRE COVER 3	
	TMKY062	LED SHIELD SHEET	
	TMKY063	S TERMINAL SHIELD	
		SHEET	
47	TMXC020-1	TEMP FUSE METAL	
48	TMZK5023	SPEAKER BOX	
49	TMZX5068	FILTER COVER	
61	TPCB94302	CARTON	LB50NTU
	TPCB94303	CARTON	LB50NTE
	TPCB94304	CARTON	LB50NTEA
	TPCB94305	CARTON	LB50U
	TPCB94306	CARTON	LB50E
	TPCB94307	CARTON	LB50EA
	TPCB94308	CARTON	LB50SU
	TPCB94309	CARTON	LB50SE
	TPCB94310	CARTON	LB50SEA
62	TPDF1617	CUSHION 1	
	TPDF1618	CUSHION 2	
63	TPDF1619	ACCESSORY CARTON	
64	TPEH124-1	SET COVER	
65	TPEP018	CARRING CASE	
	TQB817002-1	SAFETY SHEET	LB50NTU, LB50U, LB50S
67	TQBH7017	SHEET (PASSWORD)	EBS00, EBS05
		INSTRUCTION BOOK	A
66		INSTRUCTION BOOK	
66	TQBJ0192		LB50U, LB50S
66		INSTRUCTION BOOK	LB50U, LB50S
66	TQBJ0192	INSTRUCTION BOOK	LB50U, LB50SI LB50E, LB50SI LB50EA,
66	TQBJ0192 TQBJ0194		LB50U, LB50SI LB50E, LB50NTE LB50EA, LB50SEA LB50NTU,
66	TQBJ0192 TQBJ0194 TQBJ0196	INSTRUCTION BOOK	LB50U, LB50SI LB50E, LB50NTE LB50EA, LB50SEA LB50NTU,
66	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD	LB50U, LB50SI LB50E, LB50SI LB50EA, LB50SEA LB50NTU, LB50U, LB50SI LB50NTU,
66	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQD1712010	INSTRUCTION BOOK HIGH GROUND SHEET SHEET	LB50U, LB50S' LB50E, LB50NTE; LB50EA, LB50SEA LB50NTU, LB50U, LB50S' LB50NTU, LB50U, LB50S' LB50NTU, LB50U, LB50S' LB50NTU, LB50U, LB50S'
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ1712010 TQDJ18004-1 TQDJ18015-9	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA)	LB50U, LB50S' LB50E, LB50NTE; LB50EA, LB50SEA LB50NTU, LB50U, LB50S' LB50NTU, LB50U, LB50S' LB50NTU, LB50U, LB50S' LB50NTU, LB50U, LB50S'
66	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE INSTALL GUIDE	LB50U, LB50S LB50NTE LB50E, LB50NTE LB50EA, LB50NTU, LB50U, LB50S LB50NTU, LB50U, LB50S LB50NTU, LB50U, LB50S
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19029	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE	LB50U, LB50S LB50NTE LB50E, LB50NTE LB50EA, LB50NTU, LB50U, LB50S LB50NTU, LB50U, LB50S LB50NTU, LB50U, LB50S LB50NTU, LB50U, LB50S
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19029 TQDJ19030	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE INSTALL GUIDE (GERMANY/ITALY)	LB50U, LB50SI LB50EA, LB50NTE LB50EA, LB50SEA LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU LB50NTU
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19029 TQDJ19030 TQDJ19031	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE	LB50EA, LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU LB50NTU LB50NTU LB50NTE
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19029 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE (A-PCB)	LB50U, LB50SI LB50E, LB50SI LB50EA, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ19029 TQDJ19030 TQDJ19031 TQDJ19032	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA)	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE LB50NTE
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541 TSXL547	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE (A-PCB)	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE LB50NTE
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19029 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541 TSXL547 TSXL548	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE (A-PCB) FLEX CABLE (S) FLEX CABLE (WL) ALUMINUM SHEET 2	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE LB50NTE
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541 TSXL547 TSXL548 TUCB5023	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE(A-PCB) FLEX CABLE(S) FLEX CABLE(WL) ALUMINUM SHEET 2 (A-PCB)	LB50U, LB50SI LB50E, LB50SI LB50EA, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU, LB50U, LB50SI LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE
68	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19030 TQDJ19031 TQDJ19031 TQDJ19032 TSXL541 TSXL547 TSXL548 TUCB5056 TUCB5056	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE(A-PCB) FLEX CABLE(S) FLEX CABLE (WL) ALUMINUM SHEET 2 (A-PCB) ALUMINUM SHEET 1 ALUMINUM SHEET 2	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE LB50NTE
68	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541 TSXL547 TSXL548 TUCB5023 TUCB5056 TUCB5057 TUCC6123	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE (A-PCB) FLEX CABLE (WL) ALUMINUM SHEET 2 (A-PCB) ALUMINUM SHEET 1 ALUMINUM SHEET 2 POWER BOX	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE LB50NTE
50 51	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541 TSXL547 TSXL548 TUCB5023 TUCB5056 TUCB5057 TUCC6123 TUCK5210	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE (A-PCB) FLEX CABLE (WL) ALUMINUM SHEET 2 (A-PCB) ALUMINUM SHEET 1 ALUMINUM SHEET 2 POWER BOX EARTH PLATE	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE
	TQBJ0192 TQBJ0194 TQBJ0196 TQBJ0196 TQBJ7008 TQDJ712010 TQDJ18004-1 TQDJ18015-9 TQDJ19030 TQDJ19031 TQDJ19032 TSXL541 TSXL547 TSXL548 TUCB5023 TUCB5056 TUCB5057 TUCC6123	INSTRUCTION BOOK HIGH GROUND SHEET SHEET GUARANTEE CARD (CANADA) GUARANTEE CARD (USA) INSTALL GUIDE (GERMANY/ITALY) INSTALL GUIDE (FRANCE/SPAIN) INSTALL GUIDE (UK/KOREA) FLEX CABLE (A-PCB) FLEX CABLE (WL) ALUMINUM SHEET 2 (A-PCB) ALUMINUM SHEET 1 ALUMINUM SHEET 2 POWER BOX	LB50U, LB50SI LB50NTE, LB50EA, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU, LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTU LB50NTE LB50NTE LB50NTE

TXJ/B1VKB9 LEAD WIRE ⚠ TXJ/K1VKB9 LEAD WIRE ⚠ TXJ/L2VKB9 CONNECTOR ⚠ TXJ/Q3VKB9 LEAD WIRE ⚠ TXJ/Q3VKB9 LEAD WIRE ⚠ 55 TXZKG02VKB9 POLARIZING PLATE/IN(G) XSB3+8FN SCREW \$56 XTBT969FJK SCREW XTM3+6FJJ SCREW XYM2+F10FJ SCREW XYM2+F10FJ SCREW XYM3+F8FJK SCREW XYM4+E8FJ SCREW XYM5-J8FQ UPPER COVER	U, LB50SI NTU NTE NTEA U E EA SU SE
TXJ/B1VKB9 LEAD WIRE ⚠ TXJ/K1VKB9 LEAD WIRE ⚠ TXJ/L2VKB9 CONNECTOR ⚠ TXJ/P3VKB9 LEAD WIRE ⚠ TXJ/Q3VKB9 LEAD WIRE ⚠ 55 TXZKG0ZVKB9 POLARIZING PLATE/IN(G) XSB3+8FN SCREW 56 XTBT969FJK SCREW XTM3+6GFJ SCREW XYM2+F10FJ SCREW XYM2+F6FJ SCREW XYM3+F6FJ SCREW XYM3+F6FJ SCREW XYM3+J8FJ SCREW XYM4+E8FJ SCREW XYM4+E8FJ SCREW XYM4+E8FJ SCREW XYM4+E8FJ SCREW XYM4+E8FJ SCREW XYM4+E8FJ SCREW XYM5+F99QCZ UPPER COVER LB50 TXFKF99QCZ UPPER COVER LB50 TXFKF99QCZ UPPER COVER LB50 TXFKF99QCZ UPPER COVER LB50 TXFKF99QCZ UPPER COVER LB50	NTU, U, LB50SI NTU NTE NTEA U E EA SU SE
TXJ/K1VKB9	U, LB50SI NTU NTE NTEA U E EA SU SE
TXJ/L2VKB9 CONNECTOR TXJ/P3VKB9 LEAD WIRE A A TXJ/Q3VKB9 LEAD WIRE A A TXJ/Z1VKB9 LEAD WIRE A A SSB3+8FN SCREW XTM3+6GFJ SCREW XTM3+6GFJ SCREW XYM2+F10FJ SCREW XYM2+F6FJ SCREW XYM3+F8FJK SCREW XYM3+J8FJ SCREW XYM3+J8FJ SCREW XYM4+E8FJ SCREW XYM4+E8FJ SCREW TXFKF99QCBZ UPPER COVER LB50 TXFKF99QCCZ UPPER COVER LB50 TXFKF99QCCZ UPPER COVER LB50 TXFKF99QCBZ BOTTOM COVER LB50	U, LB50SI NTU NTE NTEA U E EA SU SE
TXJ/P3VKB9 LEAD WIRE ⚠ TXJ/Q3VKB9 LEAD WIRE ⚠ A TXJ/Z1VKB9 LEAD WIRE ⚠ 55 TXZKGOZVKB9 POLARIZING PLATE/IN(G) POLARIZING PLATE/IN(G) 56 XTBT969FJK SCREW SCREW XTM3+66FJ SCREW XYM2+F10FJ SCREW XYM2+F6FJ SCREW XYM3+F8FJK SCREW XYM3+F8FJK SCREW XYM3+BFJ SCREW XYM3+BFJ SCREW SCREW XYM4+E8FJ SCREW SCREW 70 XZBT6532 POLY BAG LB50 TXFKF99QCBZ UPPER COVER LB50 TXFKF99QCCZ UPPER COVER LB50 TXFKF99QCDZ UPPER COVER LB50 TXFKF98QCZZ	U, LB50SI NTU NTE NTEA U E EA SU SE
TXJ/Q3VKB9 LEAD WIRE ⚠ 55 TXZKG02VKB9 POLARIZING PLATE/IN(G) 56 X5B3+8FN SCREW 56 XTBT969FJK SCREW 56 XTBT969FJK SCREW XTM3+6FJ SCREW XYY12+F10FJ XYY12+F10FJ SCREW XYY12+F6FJ XYY13+F6FJ SCREW XYY3+F8FJK XYM3+F8FJK SCREW XYY14+E8FJ XYM4+E8FJ SCREW SCREW XYM4+E8FJ SCREW LB50 TXFKF99QCBZ UPPER COVER LB50 TXFKF99QCCZ UPPER COVER LB50 TXFKF99QCBZ UPPER COVER LB50 TXFKF99QCBZ UPPER COVER LB50 TXFKF98QCBZ BOTTOM COVER LB50	U, LB50SI NTU NTE NTEA U E EA SU SE
TXJ/Z1VKB9	U, LB50SI NTU NTE NTEA U E EA SU SE
TXZKG02VKB9 FOLARIZING PLATE/IN(G)	U, LB50SI NTU NTE NTEA U E EA SU SE
XSB3+8FN SCREW	U, LB50SI NTU NTE NTEA U E EA SU SE
SCREW	U, LB50SI NTU NTE NTEA U E EA SU SE
XTN3+6GFJ SCREW XTW3+8PFJ SCREW XYN2+F10FJ SCREW XYN2+F6FJ SCREW XYN3+F6FJ SCREW XYN3+F6FJ SCREW XYN3+F8FJK SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW XZBT6532 POLY BAG LB50 LB50 TXFKF99QCDZ UPPER COVER LB50 TXFKF98QCDZ UPPER COVER LB50 TXFKF98QCDZ BOTTOM COVER LB50 TXFEC99QCDZB OPTICAL BLOCK LB50 TXF	U, LB50SI NTU NTE NTEA U E EA SU SE
XTW3+8PFJ SCREW XYN2+F10FJ SCREW XYN2+F6FJ SCREW XYN3+F6FJ SCREW XYN3+F8FJK SCREW XYN3+F8FJK SCREW XYN3+J8FJ SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW XZBT6532 POLY BAG LB50 LB50 TXFKF99QCDZ UPPER COVER LB50 TXFKF98QCDZ UPPER COVER LB50 TXFKF98QCDZ BOTTOM COVER LB50 TXFKF99QCDZA OPTICAL BLOCK LB50 TXFEC99QCDZA OPTICAL BLOCK BUB50 TXFEC99QCDZA O	U, LB50SI NTU NTE NTEA U E EA SU SE
XYN2+F10FJ SCREW	U, LB50SI NTU NTE NTEA U E EA SU SE
XYN2+F6FJ SCREW XYN3+F6FJ SCREW XYN3+F8FJK SCREW XYN3+J8FJ SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW XZBT6532 POLY BAG LB50 LB50 LB50 LB50 LB50 TXFKF99QCBZ UPPER COVER LB50 TXFKF98QCBZ BOTTOM COVER LB50 TXFKF99QCBZ TXFK9	U, LB50SI NTU NTE NTEA U E EA SU SE
XYN3+F6FJ SCREW XYN3+F8FJK SCREW XYN3+J8FJ SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW	U, LB50SI NTU NTE NTEA U E EA SU SE
XYN3+F8FJK SCREW XYN3+J8FJ SCREW XYN4+E8FJ SCREW XYN4+E8FJ SCREW SCR	U, LB50SI NTU NTE NTEA U E EA SU SE
XYN3+J8FJ SCREW XYN4+E8FJ SCREW SCRE	U, LB50SI NTU NTE NTEA U E EA SU SE
XYN4+E8FJ SCREW	U, LB50SI NTU NTE NTEA U E EA SU SE
TXFKF99QCBZ	U, LB50SI NTU NTE NTEA U E EA SU SE
LB50	U, LB50SI NTU NTE NTEA U E EA SU SE
TXFKF99QCCZ UPPER COVER LB50 TXFKF99QCDZ UPPER COVER LB50 TXFKF99QCEZ UPPER COVER LB50 TXFKF99QCEZ UPPER COVER LB50 TXFKF99QCGZ UPPER COVER LB50 TXFKF99QCHZ UPPER COVER LB50 TXFKF99QCHZ UPPER COVER LB50 TXFKF99QCKZ UPPER COVER LB50 TXFKF99QCKZ UPPER COVER LB50 TXFKF98QCEZ BOTTOM COVER LB50 TXFKF98QCCZ BOTTOM COVER LB50 TXFKF98QCCZ BOTTOM COVER LB50 TXFKF98QCEZ BOTTOM COVER LB50 TXFKF98QCEZ BOTTOM COVER LB50 TXFKF98QCEZ BOTTOM COVER LB50 TXFKF98QCEZ BOTTOM COVER LB50 TXFKF98QCBZ BOTTOM COVER LB50 TXFEC99VKB9 OPTICAL BLOCK LB50 TXFEC99VKB9 OPTICAL BLOCK B	NTE NTEA U E EA SU SE
TXFKF99QCCZ	NTEA U E EA SU SE
TXFKF99QCDZ	NTEA U E EA SU SE
TXFKF99QCEZ	U E EA SU SE
TXFKF99QCFZ UPPER COVER LB50 TXFKF99QCGZ UPPER COVER LB50 TXFKF99QCHZ UPPER COVER LB50 TXFKF99QCHZ UPPER COVER LB50 TXFKF99QCKZ UPPER COVER LB50 TXFKF99QCKZ UPPER COVER LB50 TXFKF98QCBZ BOTTOM COVER LB50 TXFKF98QCCZ BOTTOM COVER LB50 TXFKF98QCBZ BOTTOM COVER LB50 TXFEC99VKB9 OPTICAL BLOCK LB50 TXFEC99QCBZB OPTICAL BLOCK B LB50 TXFEC99QCBZB OPTICAL BLOCK B LB50	E EA SU SE
TXFKF99QCGZ	EA SU SE
TXFKF99QCHZ	SU SE
TXFKF99QCJZ	SE
TXFKF99QCKZ	
TXFKF98QCBZ	SEA
TXFKF98QCCZ BOTTOM COVER LB50 TXFKF98QCDZ BOTTOM COVER LB50 TXFKF98QCEZ BOTTOM COVER LB50 TXFKF98QCFZ BOTTOM COVER LB50 TXFKF98QCGZ BOTTOM COVER LB50 TXFKF98QCHZ BOTTOM COVER LB50 TXFKF98QCHZ BOTTOM COVER LB50 TXFKF98QCHZ BOTTOM COVER LB50 TXFKF98QCKZ BOTTOM COVER LB50 TXFKF98QCKZ BOTTOM COVER LB50 TXFKC98VKB9 ANALYSIS BLOCK TXFEC99VKB9 OPTICAL BLOCK LB50 TXFEC99QCHZA OPTICAL BLOCK A LB50 TXFEC99QCHZB OPTICAL BLOCK B LB50	
TXFKF98QCDZ	NTU
TXFKF98QCEZ	NTE
TXFKF98QCFZ	NTEA
TXFKF98QCGZ	υ
TXFKF98QCHZ BOTTOM COVER LB50 TXFKF98QCJZ BOTTOM COVER LB50 TXFKF98QCKZ BOTTOM COVER LB50 60 TXFEC98VKB9 ANALYSIS BLOCK 59 TXFEC99VKB9 OPTICAL BLOCK LB50 TXFEC99QCHZA OPTICAL BLOCK A LB50 TXFEC99QCHZB OPTICAL BLOCK B LB50	E
TXFKF98QCJZ	EA
TXFKF98QCJZ BOTTOM COVER LB50 TXFKF98QCKZ BOTTOM COVER LB50 60 TXFEC98VKB9 ANALYSIS BLOCK 59 TXFEC99VKB9 OPTICAL BLOCK LB50 TXFEC99QCHZA OPTICAL BLOCK A LB50 TXFEC99QCHZB OPTICAL BLOCK B LB50	SU
TXFKF98QCKZ BOTTOM COVER LB50 60 TXFEC98VKB9 ANALYSIS BLOCK 59 TXFEC99VKB9 OPTICAL BLOCK LB50 LB50 TXFEC99QCHZA OPTICAL BLOCK A LB50 TXFEC99QCHZB OPTICAL BLOCK B LB50	SE
60 TXFEC98VKB9 ANALYSIS BLOCK 59 TXFEC99VKB9 OPTICAL BLOCK LB50 TXFEC99QCHZA OPTICAL BLOCK A LB50 TXFEC99QCHZB OPTICAL BLOCK B LB50	
TXFEC99VKB9 OPTICAL BLOCK LB50 LB50 TXFEC99QCHZA OPTICAL BLOCK A LB50 TXFEC99QCHZB OPTICAL BLOCK B LB50	
TXFEC99QCHZB OPTICAL BLOCK B LB50	NTU/E/EA U/E/EA
TXFEC99QCHZB OPTICAL BLOCK B LB50	SU/E/EA
	SU/E/EA
[INTEGRATED CIRCUIT]	
IC1001 C1AB00002456 I.C	
IC1002 C3EBCC000052 I.C	
IC1005 C1AB00002421 I.C	
IC1006 C3ABPJ000071 I.C	
IC1007 C0JBAR000370 I.C	
IC1010 C2DBYH000024 I.C	
	NTU/E/EA U/E/EA
TVRN742 I.C LB50	SU/E/EA
IC1016 C0EBY0000022 I.C	
IC1017 C3EBJC000055 I.C	
IC1018 C1GB00000102 I.C	
IC1019 C0CBCAC00096 I.C	
IC1020 C0JBAZ001876 I.C	
IC1021 C0FBBD000213 I.C	
IC1021 COFBBD000213 I.C	
IC1024 C3EBCC000052 I.C	
IC1025 C0JBAZ002743 I.C	
IC1026 C1AB00002548 I.C	
IC1027 C0DBZYY00225 I.C	
IC1028 C0CBCAD00039 I.C	
IC1029 C0CBCYG00004 I.C	
IC1030 C0CBCYG00004 I.C	
IC1031 CODBEKG00004 I.C	
ICIOSI CODBERGOOOG II.C	
IC1032 COCBCYG00004 I.C	

Ref.	Part No.	Part Name &	Remarks
No.	1410 1101	Description	11021102 112
IC1040	C0ZBZ0001247	I.C	LB50SU/E/EA
IC1041	C0DBZHD00013	I.C	
IC1042	C0DBZGF00002	I.C	
IC1043	COCBCADO0015	I.C	
IC1050	C0DBEKG00004	I.C	
IC1051 IC1052	C1AB00002033 C1AB00002033	I.C	
IC1052	C1AB00002033	I.C	
IC1053	CODBEMC00020	I.C	
IC1060	C0ABZA000055	I.C	
IC1070	C0ZBZ0001361	I.C	
IC1072	COCBADC00075	I.C	
IC1083	C0JBAZ002431	I.C	
IC1085	COCBAHC00010	I.C	
IC1086	C0JBAR000367	I.C	
IC1087	C1AB00002428	I.C	
IC1200	C1AB00001945	I.C	
IC1802	TVRN743	I.C	LB50NTU/E/EA
IC1803	C2GBC0000205	I.C	LB50NTU/E/EA
IC1804	C0DBEFG00003	I.C	LB50NTU/E/EA
IC1805	C0FBBK000051	I.C	LB50NTU/E/EA
IC1806	C0JBAZ002347	I.C	LB50NTU/E/EA
IC1807	C0JBAF000540	I.C	LB50NTU/E/EA
IC1808	C3ABQG000083	I.C	LB50NTU/E/EA
IC1809 IC9602	C3ABQG000083 C0ZBZ0000943	I.C	LB50NTU/E/EA
IC9602 IC9603	C0ZBZ0000943	I.C	
10,000	COLDECTOR	1.0	
	I	[TRANSISTOR]	1
Q1006	B1ABDF000018	TRANSISTOR	
Q1008	B1ABDF000018	TRANSISTOR	
Q1009	B1ABDF000018	TRANSISTOR	
Q1012	B1ABDF000018	TRANSISTOR	
Q1015	B1GBCFLM0003	TRANSISTOR	
Q1016	B1CHQD000001	TRANSISTOR	
Q1018	B1DFED000017	TRANSISTOR	
Q1019	B1GBCFLM0003	TRANSISTOR	
Q1021	B1GBCFLL0039	TRANSISTOR	
Q1022	B1CHQD000001	TRANSISTOR	
Q1040	B1ABDF000018	TRANSISTOR	
Q1041	B1ABDF000018	TRANSISTOR	
Q1042	B1ABDF000018	TRANSISTOR	
Q1044	B1GBCFJJ0007	TRANSISTOR	
Q1045 Q1046	B1ADCE000013 B1ABDF000018	TRANSISTOR TRANSISTOR	
	B1ABDF000018	TRANSISTOR	
Q1047 Q1048	B1ABDF000018	TRANSISTOR	+
Q1048 Q1052	B1ADCE000013	TRANSISTOR	
Q1052 Q1053	B1ABDF000018	TRANSISTOR	
Q1055	B1ADCE000013	TRANSISTOR	
Q1056	B1GBCFLM0003	TRANSISTOR	
Q1057	B1GBCFLM0003	TRANSISTOR	
Q1058	B1GBCFLM0003	TRANSISTOR	
Q1059	B1ABDF000018	TRANSISTOR	
Q2001	B1GFCFJJ0009	TRANSISTOR	
Q2002	B1GBCFJJ0007	TRANSISTOR	
Q2004	B1GDCFJJ0008	TRANSISTOR	
Q2005	B1GDCFJJ0008	TRANSISTOR	
Q9604	2SB0710AWL	TRANSISTOR	
Q9605	2SB0710AWL	TRANSISTOR	
Q9606	B1DEGM000022	TRANSISTOR	
Q9607	B1DEGM000022	TRANSISTOR	1
Q9608	2SB0710AWL	TRANSISTOR	
Q9609	2SB0710AWL	TRANSISTOR	
Q9610	B1DEGM000022	TRANSISTOR	+
Q9611	B1DEGM000022 B1CERQ000032	TRANSISTOR	
09614	21CHKQ000032	INMIDIDION	
Q9614			
Q9614		[DIODES]	
Q9614 		[DIODES]	
Q9614 D1001	MA8056M	[DIODES]	

Ref.	Part No.	Part Name & Description	Remarks
D1007	MA8056M	DIODE	
D1008	MA8056M	DIODE	
D1009	MA8056M	DIODE	
D1010	MA8056M	DIODE	
D1011	MA8056M	DIODE	
D1012	MA8056M	DIODE	
D1017	MA8056M	DIODE	
D1018	MA8056M	DIODE	
D1021	MA2S11100L	DIODE	
D1022 D1023	B0JCPD000026 B0JCPD000026	DIODE	
D1023	MA2S11100L	DIODE	
D1020	B0BC01000033	DIODE	
D1801	LNJ308G8TRA	LED	
D1802	LNJ308G8TRA	LED	
D1803	LNJ208R8ARA	LED	
D2001	B3AAB0000038	DIODE (TEMP LED)	
D2002	B3AAB0000038	DIODE (LAMP LED)	
D2003	B3ABB0000035	DIODE (SYNC LED)	
D2004	B3AGB0000033	DIODE (POWER LED)	
D2005	B3AGB0000033	DIODE (POWER LED)	
D2008	MA157A	DIODE	
D5002	B0HCMM000013	DIODE	
D9101	ERZV10D471	VARISTOR	Δ
D9601	B0FALR000001	DIODE	
D9604	MA158TX	DIODE	
D9605	B0JCPF000001	DIODE	
D9606	MA158TX	DIODE	
D9607	B0JCPF000001	DIODE	
D9608	MA158TX	DIODE	
D9609	B0JCPF000001	DIODE	
D9611	MA158TX	DIODE	
D9612	B0JCPF000001	DIODE	
D9616 D9617	B0ECHP000003 B0JCPF000001	DIODE	
D9617 D9618	B0JCPF000001	DIODE	
D9619	B0JCPF000001	DIODE	
D9620	B0JCPF000001	DIODE	
D9621	B0JCPF000001	DIODE	
D9622	B0ECHP000003	DIODE	
D9623	B0ECHP000003	DIODE	
D9624	MA2Z72000L	DIODE	
D9625	MA2Z72000L	DIODE	
D9626	B0JCPF000001	DIODE	
D9627	B0JCPF000001	DIODE	
D9628	B0JCPF000001	DIODE	
D9629	B0ECHP000003	DIODE	
		[COILS]	
L1001	J0JCC0000168	FILTER	
L1002	J0JCC0000168	FILTER	
L1003	J0JCC0000168	FILTER	
L1004	J0JCC0000168	FILTER	
L1009	J0JCC0000168	FILTER	
L1010	J0JJC0000022	EMI FILTER	
L1014	J0JCC0000168	FILTER	
L1015	J0JJC0000022	EMI FILTER	
L1016	J0JCC0000168	EMI FILTER	
L1017	J0JJC0000022	EMI FILTER	
L1018	J0JJC0000022	EMI FILTER	T DE 037m77 / - /
L1028	J0JJC0000022	EMI FILTER	LB50NTU/E/EA
L1030	J0JJC0000022	EMI FILTER	
L1031 L1032	J0JJC0000022	EMI FILTER	
	J0JJC0000022	COLL.	
L1033	ELJFA470JFB	COIL EMT ETI.TED	
L1034 L1035	J0JJC0000022 J0JCC0000168	EMI FILTER	
L1035	ELJFA6R8JFB	EMI FILTER	
	ELJFA470JFB	COIL	
1.1037	LTTO TEXT TO LD	10011	
L1037	TOTTCOOOOOSS	פאיי.ודק דאק	
L1037 L1038 L1039	J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER	

Ref.	Part No.	Part Name &	Remarks
No.	T0 T T00000000	Description	
L1042 L1043	J0JJC0000022 J0JJC0000022	EMI FILTER	
L1043	J0JJC0000022	EMI FILTER EMI FILTER	
L1045	J0JJC0000022	EMI FILTER	
L1046	J0JJC0000022	EMI FILTER	
L1048	J0JJC0000022	EMI FILTER	
L1049	J0JJC0000022	EMI FILTER	
L1050	J0JJC0000022	EMI FILTER	
L1066	J0JCC0000168	EMI FILTER	
L1067	J0JCC0000168	EMI FILTER	
L1068	J0JCC0000168	EMI FILTER	
L1069	J0JCC0000168	EMI FILTER	
L1070	J0JCC0000168	EMI FILTER	
L1071	J0JCC0000168	EMI FILTER	
L1072	J0JCC0000168	EMI FILTER	
L1073	J0JCC0000168	EMI FILTER	
L1074	J0JCC0000168	EMI FILTER	
L1075	J0JCC0000168	EMI FILTER	
L1076 L1077	J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER	
L1656	J0JJC0000022	EMI FILTER	
L1801	J0JHC0000107	CORE	LB50NTU/E/EA
L1802	J0JHC0000107	CORE	LB50NTU/E/EA
L1803	J0JHC0000107	CORE	LB50NTU/E/EA
L1804	J0JHC0000107	CORE	LB50NTU/E/EA
L1805	J0JHC0000107	CORE	LB50NTU/E/EA
L1806	J0JHC0000107	CORE	LB50NTU/E/EA
L1807	J0JHC0000107	CORE	LB50NTU/E/EA
L4001	J0JCC0000168	EMI FILTER	
L4002	J0JCC0000168	EMI FILTER	
L4003	J0JCC0000168	EMI FILTER	
L4004	J0JCC0000168	EMI FILTER	
LF9101	G0B173H00001	COIL	\triangle
FL1001	J0HABB000014	FILTER	
FL1002	J0HABB000014	FILTER	T D C 037 TT / T / T 3
FL1003 FL1004	EXB38V101J	RESISTOR ARRAY	LB50NTU/E/EA
LPT004	EXB38V101J	RESISTOR ARRAY	LB50NTU/E/EA
ET.1005	FYB38V101.T	DECICTOD ADDAV	IT.BSONTTIT/F/FA
	EXB38V101J	RESISTOR ARRAY	LB50NTU/E/EA
FL1006	EXB38V101J EXB38V101J EXB38V101J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB50NTU/E/EA
FL1006 FL1007	EXB38V101J	RESISTOR ARRAY	
FL1006 FL1007	EXB38V101J EXB38V101J	RESISTOR ARRAY RESISTOR ARRAY	LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801	EXB38V101J EXB38V101J EXB38V101J	RESISTOR ARRAY RESISTOR ARRAY	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE CORE	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE CORE	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [CORE [RESISTORS] M 330 OHM,J,1/16W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004	EXB38V101J EXB38V101J DJAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004	EXB38V101J EXB38V101J DJAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GE0R00X	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009	EXB38V101J EXB38V101J DJAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEORO0X ERJ2GEORO0X	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOR00X ERJ2GEOR00X ERJ2GEOR00X ERJ6GEYJ472	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOR00X ERJ2GEOR00X ERJ2GEOR00X ERJ6GEYJ472 ERJ6GEYJ472	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR RESISTOR M 0 OHM, 0.063W M 0.0HM, 0.063W M 4.7KOHM,J,1/10W M 4.7KOHM,J,1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOROOX ERJ2GEOROOX ERJ6GEYJ472 ERJ6GEYJ472 ERJ3GEYJ203V	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ6GEYJ472 ERJ3GEYJ472 ERJ3GEYJ203V ERJ3GEYJ101	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ101 ERJ3GEYJ101	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W RESISTOR M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 4.7KOHM,J,1/16W M 330 OHM,J,1/16W M 330 OHM,J,1/16W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022 R1024	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ472	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 4.7KOHM,J,1/16W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022 R1024 R1025 R1027 R1029	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GE0R00X ERJ2GE0R00X ERJ2GE0R00X ERJ2GE0R00X ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ203V ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ772	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W RESISTOR M 100 OHM,J,1/16W M 330 OHM,J,1/16W M 330 OHM,J,1/16W M 175 OHM,J,1/16W M 75 OHM, 1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1009 R1016 R1017 R1019 R1021 R1022 R1024 R1025 R1027 R1029 R1030	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ185V ERJ2GEOR00X ERJ2GEOR00X ERJ2GEOR00X ERJ6GEYJ472 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ772	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 330 OHM,J,1/16W M 330 OHM,J,1/16W M 4.7KOHM,J,1/16W M 75 OHM, 1/10W M 75 OHM, 1/10W M 75 OHM, 1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022 R1024 R1025 R1027 R1029 R1030 R1039	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEVJ331 ERJ3GEVJ331 ERJ3GEVJ185V ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ6GEVJ472 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ772 ERJ3GEYJ772	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W RESISTOR M 100 OHM,J,1/16W M 4.7KOHM,J,1/16W M 330 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 175 OHM, 1/10W M 75 OHM, 1/10W M 10 OHM, 0.063W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022 R1024 R1025 R1024 R1025 R1027 R1029 R1030 R1039 R1041	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEORO0X ERJ2GEORO0X ERJ2GEORO0X ERJ2GEORO1X ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ501 ERJ3GEYJ501 ERJ3GEYJ501 ERJ3GEYJ701 ERJ3GEYJ701 ERJ3GEYJ701 ERJ3GEYJ770 ERJ3GEYJ770 ERJ3GEYJ7750 ERJ6ENF75R0 ERJ6ENF75R0 ERJ6GEYJ750	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0.0HM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 330 OHM,J,1/16W M 375 OHM, 1/10W M 75 OHM, 1/10W M 75 OHM, 1/10W M 75 OHM, 1/10W M 10 OHM, 0.063W M 75 OHM, 1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022 R1024 R1025 R1027 R1029 R1030 R1039 R1041 R1042	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ331 ERJ3GEYJ701 ERJ3GEYJ700 ERJ3GEYJ700 ERJ3GEYJ700 ERJ3GEYJ700 ERJ3GEYJ700 ERJ3GEYJ750 ERJ6GEYJ750 ERJ6GEYJ750 ERJ6GEYJ750 ERJ6GEYJ750 ERJ6GEYJ750	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0 OHM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 4.7KOHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 330 OHM,J,1/16W M 75 OHM, 1/10W M 75 OHM,J,1/16W M 75 OHM,J,1/10W	LB50NTU/E/EA
FL1006 FL1007 FL1008 FL1801 FL1802 FL1803 FL1804 FL1805 FL1806 FL1807 R1001 R1002 R1004 R1005 R1008 R1009 R1016 R1017 R1019 R1021 R1022 R1024 R1025 R1024 R1025 R1027 R1029 R1030 R1039 R1041	EXB38V101J EXB38V101J EXB38V101J J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 J0JAD0000012 ERJ3GEYJ331 ERJ3GEYJ222 EXB28V473JX ERJ3GEYJ1R5V ERJ2GEORO0X ERJ2GEORO0X ERJ2GEORO0X ERJ2GEORO1X ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ472 ERJ3GEYJ501 ERJ3GEYJ501 ERJ3GEYJ501 ERJ3GEYJ701 ERJ3GEYJ701 ERJ3GEYJ701 ERJ3GEYJ770 ERJ3GEYJ770 ERJ3GEYJ7750 ERJ6ENF75R0 ERJ6ENF75R0 ERJ6GEYJ750	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY CORE CORE CORE CORE CORE CORE CORE [RESISTORS] M 330 OHM,J,1/16W M 2.2KOHM,J,1/16W M 2.2KOHM,J,1/16W RESISTOR RESISTOR M 0 OHM, 0.063W M 0.0HM, 0.063W M 4.7KOHM,J,1/10W RESISTOR M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 330 OHM,J,1/16W M 375 OHM, 1/10W M 75 OHM, 1/10W M 75 OHM, 1/10W M 75 OHM, 1/10W M 10 OHM, 0.063W M 75 OHM, 1/10W	LB50NTU/E/EA

Ref.	Part No.	Part Name &	Remarks
No.	TD 72 GTW 74 F O	Description	
R1047	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R1048	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R1051	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R1052	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1053	ERJ6ENF75R0	M 75 OHM, 1/10W	
R1054	ERJ6ENF75R0	M 75 OHM, 1/10W	
R1055	ERJ6ENF75R0	M 75 OHM, 1/10W	
R1056	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R1057	ERJ6GEYJ750	M 75 OHM, J, 1/10W	
R1058	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R1059	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R1060	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R1061	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R1064	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1065	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R1071	ERJ6GEYJ750	M 75 OHM, J, 1/10W	
R1072	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1073	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R1078	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1079	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1081	ERJ3GEYJ560	M 56 OHM,J,1/16W	
R1082	ERJ3GEYJ822V	RESISTOR	
R1085	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	
R1088	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R1094	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1095	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1099	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R1101	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1102	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1103	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R1104	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R1105	ERJ3GEYJ154	M 150 OHM,J,1/16W	
R1106	ERJ3GEYJ393V	RESISTOR	
R1107	ERJ3GEY0R00	M 0 OHM, 1/16W	
R1108	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1109	ERJ3GEYJ124	M 120KOHM,J,1/16W	
R1110	ERJ3GEYJ154	M 150 OHM,J,1/16W	
R1111	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1112	ERJ1TYJ221	M 220 OHM, 1W	
R1113	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1115	ERJ2GEJ220	M 22 OHM, 0.063W	
R1117	ERJ2GEJ220	M 22 OHM, 0.063W	
R1118	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R1119	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1120	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1121	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1122	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1123	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1124	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R1125	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1126	ERJ3GEYJ183	M 18K OHM,J,1/16W	
R1127	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1128	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1129	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1130	ERJ3GEYJ183	M 18K OHM,J,1/16W	
R1131	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R1132	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1133	ERJ2GEJ220	M 22 OHM, 0.063W	
R1134	ERJ2GEJ220	M 22 OHM, 0.063W	
R1137	ERJ2GEJ220	M 22 OHM, 0.063W	
R1138	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1140	ERJ3GEYJ153	M 15K OHM,J,1/16W	
R1141	ERJ3GEYJ153	M 15K OHM,J,1/16W	
R1142	ERJ3EKF2001V	RESISTOR	
R1143	ERJ3EKF2801	RESISTOR	
R1144	ERJ2GEJ562	м 5.6КОНМ, 0.063W	
R1145	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1146	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R1147	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1148	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1151	ERJ2GEJ220	M 22 OHM, 0.063W	
R1152	ERJ2GEJ220	M 22 OHM, 0.063W	
R1154	ERJ3EKF1001	M 1K OHM, 0.063W	
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Ref. No.	Part No.	Part Name & Description	Remarks
R1155	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1156	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1164	ERJ3EKF1371	M 1.37KOHM,0.063W	
R1167	ERJ3EKF2001V	RESISTOR	
R1168	ERJ3GEYJ560	M 56 OHM,J,1/16W	
R1169	ERJ2GEJ220	M 22 OHM, 0.063W	
R1170	ERJ3EKF3001	RESISTOR	
R1171	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1173	ERJ3EKF1691	M1.69KOHM, 1/16W	
R1174	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1177	ERJ2GEJ220	M 22 OHM, 0.063W	
R1178	ERJ2GEJ560	M 56 OHM, 0.063W	
R1179	ERJ2GEJ220	M 22 OHM, 0.063W	
R1180	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1183	ERJ3EKF1101	M 1.1KOHM, 1/16W	
R1184	ERJ2GEJ220	M 22 OHM, 0.063W	
R1188	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R1192	ERJ2GEJ330X	RESISTOR	
R1193	EXB28V560J	RESISTOR ARRAY	
R1194	EXB2HV560JV	RESISTOR	
R1194 R1195	ERJ3GEYJ560		
		M 56 OHM, J, 1/16W	
	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1198	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R1199	ERJ6ENF2001	M 2KOHM, 1/10W	
R1200	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R1203	ERJ3EKF3001	RESISTOR	
R1204	ERJ3EKF1201	RESISTOR	
R1206	ERJ3GEYJ560	M 56 OHM,J,1/16W	
R1210	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1211	ERJ2GEJ472	M 4.7KOHM, 0.063W	
R1212	EXB2HV560JV	RESISTOR	
R1213	EXB28V560J	RESISTOR ARRAY	
R1214	ERJ2GEJ220	M 22 OHM, 0.063W	
R1218	ERJ2GEJ472	M 4.7KOHM, 0.063W	
R1219	ERJ2GEJ472	M 4.7KOHM, 0.063W	
R1221	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1222	ERJ6ENF1002	M 10KOHM, 1/10W	
R1223	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1224	ERJ3EKF1003	RESISTOR	
R1225	ERJ3EKF3602	RESISTOR	
R1266	EXB28V560J	RESISTOR ARRAY	
R1272	ERJ2GEJ681	M 680 OHM, 0.063W	
R1285	ERJ2GEJ203	RESISTOR	
		M 75 OHM, 0.063W	
R1286	ERJ2GEJ750		
R1290	ERJ3GEYJ301	M 300 OHM, J, 1/16W	
R1291	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R1295	ERJ6ENF8201	M 8.2KOHM, 1/10W	
R1299	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R1300	ERJ2GEJ472	M 4.7KOHM, 0.063W	
R1301	ERJ2GEJ472	M 4.7KOHM, 0.063W	
R1304	ERJ2GEJ103	M 10K OHM, 0.063W	
R1305	ERJ3EKF1473	M 147KOHM, 0.063W	
R1306	ERJ3EKF1002	M 10KOHM, 1/16W	
R1308	ERJ6ENF1004	M1000KOHM, 1/10W	
R1309	ERJ2GEJ103	M 10K OHM, 0.063W	
R1310	ERJ3EKF3301	M 3.3KOHM, 0.063W	
R1311	ERJ3EKF6801	M 6.8KOHM, 1/16W	
R1312	ERJ3EKF3301	м 3.3КОНМ, 0.063W	
R1313	ERJ3EKF6801	M 6.8KOHM, 1/16W	
R1314	ERJ3EKF3301	M 3.3KOHM, 0.063W	
R1315	ERJ3EKF6801	M 6.8KOHM, 1/16W	
R1322	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R1323	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R1324	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R1324 R1328	EXB2HV103JV	RESISTOR	
R1331	ERJ2GEJ105	M 1M OHM, 0.063W	
R1333	EXB28V103J	RESISTOR ARRAY	
R1339	ERJ2GEJ103	M 10K OHM, 0.063W	
R1340	ERJ2GEJ101X	M 100 OHM, 0.063W	
	ERJ2GEJ103	M 10K OHM, 0.063W	
R1346			
	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1346 R1355 R1356		M 5.6KOHM, 0.063W M 10K OHM, 0.063W	

Ref.	Part No.	Part Name &	Remarks
No. R1358	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1360	ERJ6GEYJ100	M 10 OHM, J, 1/10W	
R1362	ERJ6GEYJ560	M 56 OHM, J, 1/10W	
R1365	ERJ6ENF6801	M 6.8KOHM, 1/10W	
R1367	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1368	ERJ6ENF2202	M 2.2KOHM, 1/10W	
R1369	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1370	ERJ6ENF6801	M 6.8KOHM, 1/10W	
R1372	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R1390	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1391 R1392	ERJ2GEJ101X ERJ2GEJ101X	M 100 OHM, 0.063W M 100 OHM, 0.063W	
R1394	EXB2HV220JV	RESISTOR	
R1401	EXB28V220J	RESISTOR ARRAY	
R1402	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1403	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1404	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1405	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1407	ERJ2GEJ562	M 5.6KOHM, 0.063W	
R1408	ERJ2GEJ331	M 330 OHM, 0.063W	
R1409	ERJ2GEJ220 ERJ2GEJ331	M 22 OHM, 0.063W	
R1410 R1411	ERJ2GEJ331 ERJ6GEYJ122	M 330 OHM, 0.063W M 1.2KOHM,J,1/10W	
R1411	ERJ3EKF1002	M 10KOHM, 1/16W	
R1413	ERJ3EKF1002	M 10KOHM, 1/16W	
R1419	ERJ2GEJ473	M 47K OHM, 0.063W	
R1420	ERJ2GEJ473	M 47K OHM, 0.063W	
R1421	ERJ2GEJ473	M 47K OHM, 0.063W	
R1426	ERJ2GEJ220	M 22 OHM, 0.063W	
R1430	ERJ1TYJ221	M 220 OHM, 1W	
R1431	ERJ1TYJ221	M 220 OHM, 1W	
R1441	ERJ2GEJ104	M 100KOHM, 0.063W	
R1442 R1443	ERJ2GEJ104 ERJ3GEYJ220	M 100KOHM, 0.063W M 22 OHM,J,1/16W	
R1444	ERJ3GEY0R00	M 0 OHM, 1/16W	
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R1445	ERJ3GEY0R00	M 0 OHM, 1/16W	
R1445 R1446	ERJ3GEY0R00 ERJ3GEYJ220	M 0 OHM, 1/16W M 22 OHM,J,1/16W	LB50NTU/E/EA
	+	- '	LB50NTU/E/EA
R1446 R1447 R1451	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W M 47K OHM, J, 1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274	M 22 OHM,J,1/16W M 56 OHM, 0.063W M 2.2KOHM,J,1/16W M 2.2KOHM,J,1/16W M 270 OHM,J,1/16W M 47K OHM,J,1/16W M 100 OHM,J,1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455 R1471	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473 ERJ3GEYJ101	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W M 47K OHM, J, 1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455 R1471 R1472	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473 ERJ3GEYJ101 ERJ3GEYJ101	M 22 OHM,J,1/16W M 56 OHM, 0.063W M 2.2KOHM,J,1/16W M 2.2KOHM,J,1/16W M 270 OHM,J,1/16W M 47K OHM,J,1/16W M 100 OHM,J,1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455 R1471 R1472 R1516	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473 ERJ3GEYJ101 ERJ3GEYJ101	M 22 OHM,J,1/16W M 56 OHM, 0.063W M 2.2KOHM,J,1/16W M 2.2KOHM,J,1/16W M 270 OHM,J,1/16W M 47K OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W M 100 OHM,J,1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455 R1471 R1472 R1516 R1519	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ103 ERJ3GEYJ103	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W M 47K OHM, J, 1/16W M 100 OHM, J, 1/16W M 100 OHM, J, 1/16W M 100 OHM, J, 1/16W M 10K OHM, J, 1/16W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455 R1471 R1472 R1516 R1519 R1520 R1521 R1522	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ173 ERJ6GEYJ472 ERJ6GEYJ472	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W M 47K OHM, J, 1/16W M 100 OHM, J, 1/16W M 100 OHM, J, 1/16W M 10K OHM, J, 1/16W M 10K OHM, J, 1/16W M 47K OHM, J, 1/10W M 4.7KOHM, J, 1/10W	LB50NTU/E/EA
R1446 R1447 R1451 R1453 R1454 R1455 R1471 R1472 R1516 R1519 R1520 R1521 R1522 R1523	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ173 ERJ3GEYJ473 ERJ6GEYJ472 ERJ6GEYJ472 ERJ3GEYJ472	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W M 47K OHM, J, 1/16W M 100 OHM, J, 1/16W M 100 OHM, J, 1/16W M 10K OHM, J, 1/16W M 10K OHM, J, 1/16W M 47K OHM, J, 1/16W M 47K OHM, J, 1/16W M 47K OHM, J, 1/16W M 4.7KOHM, J, 1/10W M 4.7KOHM, J, 1/10W M 4.7KOHM, J, 1/10W	LB50NTU/E/EA
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R1446 R1447 R1451 R1453 R1454 R1455 R1471 R1472 R1516 R1519 R1520 R1521 R1522 R1523	ERJ3GEYJ220 ERJ2GEJ560 ERJ3GEYJ222 ERJ3GEYJ274 ERJ3GEYJ473 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ173 ERJ3GEYJ473 ERJ6GEYJ472 ERJ6GEYJ472 ERJ3GEYJ472	M 22 OHM, J, 1/16W M 56 OHM, 0.063W M 2.2KOHM, J, 1/16W M 2.2KOHM, J, 1/16W M 270 OHM, J, 1/16W M 47K OHM, J, 1/16W M 100 OHM, J, 1/16W M 100 OHM, J, 1/16W M 10K OHM, J, 1/16W M 10K OHM, J, 1/16W M 47K OHM, J, 1/16W M 47K OHM, J, 1/16W M 47K OHM, J, 1/16W M 4.7KOHM, J, 1/10W M 4.7KOHM, J, 1/10W M 4.7KOHM, J, 1/16W M 330 OHM, J, 1/16W M 330 OHM, J, 1/16W	LB50NTU/E/EA
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Ref. No.	Part No.	Part Name & Description	Remarks
R1579	ERJ2GEJ681	M 680 OHM, 0.063W	
R1581	ERJ2GEJ331	M 330 OHM, 0.063W	
R1582	ERJ2GEJ331	M 330 OHM, 0.063W	
R1583	ERJ2GEJ331	M 330 OHM, 0.063W	
R1584	ERJ2GEJ472	M 4.7KOHM, 0.063W	
R1587	ERJ2GEJ221	M 220 OHM, 0.063W	
R1591	ERJ2GEJ221	M 220 OHM, 0.063W	
R1592	ERJ2GEJ272	M 2.7KOHM, 0.063W	
R1593	ERJ2GEJ101X ERJ2GEJ103	M 100 OHM, 0.063W	
R1594 R1595	EXB2HV103JV	M 10K OHM, 0.063W RESISTOR	
R1600	EXB2HV220JV	RESISTOR	
R1603	EXB28V220J	RESISTOR ARRAY	
R1605	EXB2HV220JV	RESISTOR	
R1607	ERJ2GEJ220	M 22 OHM, 0.063W	
R1608	ERJ2GEJ103	M 10K OHM, 0.063W	
R1609	ERJ2GEJ331	M 330 OHM, 0.063W	
R1610	ERJ2GEJ220	M 22 OHM, 0.063W	
R1611	ERJ2GEJ220	M 22 OHM, 0.063W	
R1612	ERJ2GEJ220	M 22 OHM, 0.063W	1
R1613	ERJ2GEJ102	M 1K OHM, 0.063W	
R1614	ERJ2GEJ220	M 22 OHM, 0.063W	1
R1616	EXB2HV220JV	RESISTOR	
R1619	EXB2HV220JV	RESISTOR	
R1620	ERJ3GEYJ180	METAL OXIDE RESISTOR	1
R1621	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R1622 R1623	ERJ3GEYJ180 ERJ2GEJ220	METAL OXIDE RESISTOR M 22 OHM, 0.063W	+
R1626	ERJ2GEJ220	M 22 OHM, 0.063W	
R1628	ERJ2GEJ681	M 680 OHM, 0.063W	1
R1631	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA,
		, , , , , , , , , , , , , , , , , , , ,	LB50U/E/EA
R1632	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50SU/E/EA
R1633	EXB2HV560JV	RESISTOR	
R1635	EXB2HV560JV	RESISTOR	
R1637	EXB2HV560JV	RESISTOR	
R1639	EXB2HV560JV	RESISTOR	
R1640	ERJ2GEJ681	M 680 OHM, 0.063W	
R1641	ERJ2GEJ220	M 22 OHM, 0.063W	
R1642 R1645	ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W M 22 OHM, 0.063W	T DE OMBIT /E /EA
R1650	EXB28V103J	RESISTOR ARRAY	LB50NTU/E/EA
R1652	ERJ2GEJ220	M 22 OHM, 0.063W	
R1656	+	M 680 OHM, 0.063W	
	LEKU ZGEU OOT		
R1657	ERJ2GEJ681 ERJ2GEJ681	M 680 OHM, 0.063W	
R1657 R1666		M 680 OHM, 0.063W M 10K OHM, 0.063W	
	ERJ2GEJ681	M 680 OHM, 0.063W M 10K OHM, 0.063W M 100 OHM, 0.063W	
R1666	ERJ2GEJ681 ERJ2GEJ103	M 10K OHM, 0.063W	
R1666 R1667	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X	M 10K OHM, 0.063W M 100 OHM, 0.063W	
R1666 R1667 R1668	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W	
R1666 R1667 R1668 R1669	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W	
R1666 R1667 R1668 R1669 R1672 R1673	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W	
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W	
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ6ENF2202	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 12.2KOHM, 1/10W	
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ6ENF2202 ERJ2GEJ220	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 2.2KOHM, 0.063W	
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ6ENF2202	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 12.2KOHM, 1/10W	LB50U/E/EA, LB50SU/E/EA
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ6ENF2202 ERJ2GEJ220	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 2.2KOHM, 0.063W	1 1 1 1 1 1
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ6ENF2202 ERJ2GEJ220 EXB2HV220J	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR	LB50SU/E/EA LB50U/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677 R1678	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ6ENF2202 ERJ2GEJ200 EXB2HV220J	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50U/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677 R1678 R1679	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ6ENF2202 ERJ2GEJ220 EXB2HV220J EXB2HV220J	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1677 R1678 R1679 R1680	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J EXB2HV220J	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR RESISTOR M 10K OHM, 0.063W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1679 R1680 R1681 R1682 R1683	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEJ103 ERJ2GEJ103 ERJ2GEOROOX	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR RESISTOR M 10K OHM, 0.063W M 0.0HM, 0.063W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1679 R1680 R1681 R1682 R1683	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEJ103 ERJ2GEOROOX ERJ2GEOROOX	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM, 0.063W M 12 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W M 25 OHM, 0.063W M 20 OHM, 0.063W M 0 OHM, 0.063W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1677 R1680 R1681 R1682 R1683 R1689 R1689	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ522 ERJ6GEYJ200 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEJ103 ERJ2GEORO0X ERJ2GEORO0X ERJ2GEORO0X	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM, 0.063W M 12 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W M 20 OHM, 0.063W M 20 OHM, 0.063W M 10K OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1677 R1678 R1680 R1681 R1682 R1683 R1689 R1689 R1692 R1693	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEJ103 ERJ2GEOR00X ERJ2GEOR00X ERJ2GEOR00X ERJ1TYJ221 ERJ3GEYJ332	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR RESISTOR M 10K OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1677 R1678 R1680 R1681 R1682 R1683 R1689 R1689 R1692 R1693 R1694	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ1TYJ221 ERJ3GEYJ332 ERJ3GEYJ332	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR RESISTOR M 10K OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 3.3KOHM,J,1/16W M 3.3KOHM,J,1/16W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1676 R1677 R1678 R1680 R1681 R1682 R1683 R1689 R1689 R1692 R1693 R1694 R1695	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ1TYJ221 ERJ3GEYJ332 ERJ3GEYJ332 ERJ3GEYJ103	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR RESISTOR M 10K OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.163W M 0 OHM, 0.163W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,
R1666 R1667 R1668 R1669 R1672 R1673 R1674 R1675 R1677 R1678 R1677 R1678 R1680 R1681 R1682 R1683 R1689 R1689 R1692 R1693 R1694	ERJ2GEJ681 ERJ2GEJ103 ERJ2GEJ101X ERJ2GEJ101X ERJ3GEYJ222 ERJ3GEYJ562 ERJ2GEJ103 ERJ2GEJ562 ERJ6GEYJ100 ERJ2GEJ102 ERJ2GEJ102 ERJ2GEJ220 EXB2HV220J EXB2HV220J EXB2HV220J ERJ2GEOROOX ERJ2GEOROOX ERJ2GEOROOX ERJ1TYJ221 ERJ3GEYJ332 ERJ3GEYJ332	M 10K OHM, 0.063W M 100 OHM, 0.063W M 2.2KOHM,J,1/16W M 5.6KOHM,J,1/16W M 10K OHM, 0.063W M 5.6KOHM, 0.063W M 10 OHM,J,1/10W M 1K OHM, 0.063W M 2.2KOHM, 1/10W M 22 OHM, 0.063W RESISTOR RESISTOR RESISTOR M 10K OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 0 OHM, 0.063W M 3.3KOHM,J,1/16W M 3.3KOHM,J,1/16W	LB50SU/E/EA LB50U/E/EA, LB50SU/E/EA LB50SU/E/EA, LB50SU/E/EA, LB50NTU/E/EA LB50U/E/EA, LB50SU/E/EA, LB50SU/E/EA,

Ref. No.	Part No.	Part Name &	Remarks
-		Description	
R1702	ERJ2GEJ220	M 22 OHM, 0.063W	
R1703	ERJ2GEJ220	M 22 OHM, 0.063W	
R1801	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB50NTU/E/EA
R1802	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB50NTU/E/EA
R1803	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB50NTU/E/EA
R1804	ERJ3GEYJ220	M 22 OHM, J, 1/16W	LB50NTU/E/EA
R1805	ERJ3GEYJ220	M 22 OHM, J, 1/16W	LB50NTU/E/EA
R1806	ERJ3GEYJ220	M 22 OHM, J, 1/16W	LB50NTU/E/EA
R1807	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB50NTU/E/EA
R1808	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB50NTU/E/EA
R1809	ERJ3GEY0R00	M 0 OHM, 1/16W	LB50NTU/E/EA
R1813	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
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R1815	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1816	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1817	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1818	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1820	ERJ3GEYJ330	M 33 OHM,J,1/16W	LB50NTU/E/EA
R1824	ERJ3GEYJ330	M 33 OHM,J,1/16W	LB50NTU/E/EA
R1826	ERJ3GEYJ560	M 56 OHM,J,1/16W	LB50NTU/E/EA
R1827	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1832	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1833	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1834	EXB28V103J	RESISTOR ARRAY	LB50NTU/E/EA
R1835	ERJ2GEJ680X	M 68 OHM, 0.063W	LB50NTU/E/EA
R1836	ERJ3GEYJ391V	M 390 OHM, J, 1/16W	LB50NTU/E/EA
R1837	ERJ3GEYJ391V	M 390 OHM, J, 1/16W	LB50NTU/E/EA
R1838	ERJ3GEYJ391V	M 390 OHM,J,1/16W	LB50NTU/E/EA
R1839	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1840	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1843	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1844	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1845	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1847	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1848	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1849	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1850	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1852	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1855	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1856	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1861	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1864	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1865	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1866	ERJ2GEOROOX	M 0 OHM, 0.063W	LB50NTU/E/EA
R1867	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1868	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1869	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1871	EXB2HV100JV	RESISTOR	LB50NTU/E/EA
R1872	EXB2HV100JV	RESISTOR	LB50NTU/E/EA
R1873	EXB2HV100JV	RESISTOR	LB50NTU/E/EA
R1874	EXB2HV100JV	RESISTOR	LB50NTU/E/EA
R1875	EXB2HV220JV	RESISTOR	LB50NTU/E/EA
R1876	EXB2HV220JV	RESISTOR	LB50NTU/E/EA
R1877	EXB28V100J	RESISTOR ARRAY	LB50NTU/E/EA
R1878	EXB2HV220JV	RESISTOR	LB50NTU/E/EA
R1888	ERJ3GEY0R00	M 0 OHM, 1/16W	LB50NTU/E/EA
R1890	ERJ6ENF4020	M 402 OHM, 1/10W	LB50NTU/E/EA
R1891	ERJ6ENF1001	M 1KOHM, 1/10W	LB50NTU/E/EA
R1892	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1893	EXB28V104J	RESISTOR ARRAY	LB50NTU/E/EA
R1894	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1895	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1896	EXB28V103J	RESISTOR ARRAY	LB50NTU/E/EA
R1897	ERJ2GEJ103	M 10K OHM, 0.063W	LB50NTU/E/EA
R1898	EXB28V472J	RESISTOR ARRAY	LB50NTU/E/EA
R1900	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R1901	EXB2HV220JV	RESISTOR	LB50NTU/E/EA
R1903	EXB28V220J	RESISTOR ARRAY	LB50NTU/E/EA
R1904	EXB28V103J	RESISTOR ARRAY	LB50NTU/E/EA
R1905	EXB28V220J	RESISTOR ARRAY	LB50NTU/E/EA
R1907	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB50NTU/E/EA
R1914	EXB28V220J	RESISTOR ARRAY	LB50NTU/E/EA
R1916	ERJ3GEYJ220	M 22 OHM, J, 1/16W	LB50NTU/E/EA
R1917	EXB28V220J	RESISTOR ARRAY	LB50NTU/E/EA
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Ref.	Part No.	Part Name &	Remarks
No.	Fait No.	Description	Remaiks
R1918	EXB28V103J	RESISTOR ARRAY	LB50NTU/E/EA
R1919	ERJ3GEYJ473	M 47K OHM,J,1/16W	LB50NTU/E/EA
R1920	ERJ3GEYJ473	M 47K OHM,J,1/16W	LB50NTU/E/EA
R1921	ERJ3GEYJ220	M 22 OHM, J, 1/16W	LB50NTU/E/EA
R1922	ERJ3GEYJ220	M 22 OHM, J, 1/16W	LB50NTU/E/EA
R1923	ERJ3GEYJ680	M 68 OHM, J, 1/16W	LB50NTU/E/EA
R1932	ERJ2GE0R00X	M 0 OHM, 0.063W	LB50NTU/E/EA
R2002	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R2003	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	
R2004	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2005	ERJ3GEYJ333	M 33K OHM, J, 1/16W	
R2006	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2007	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R2008	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R2009	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R2010	ERJ3GEYJ121	M 120 OHM,J,1/16W	
R2011	ERJ3GEYJ151	M 150 OHM, J, 1/16W	
R2012	ERJ3GEYJ121		
		M 120 OHM,J,1/16W	
R2013	ERJ3GEYJ151	M 150 OHM,J,1/16W	1
R2014	ERJ8GEYJ751	M 750 OHM, J, 1/4W	
R2015	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2016	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1
R2017	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R2019	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	
R2020	ERJ3GEYJ102	M 1K OHM, J, 1/16W	-
R2021	ERJ3GEYJ162	RESISTOR	1
R2022	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1
R2023	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2024	ERJ8GEYJ751	M 750 OHM,J,1/4W	
R2025	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2026	ERJ3GEY0R00	M 0 OHM, 1/16W	
R4001	EXB28V124JX	RESISTOR	
R4002	EXB28V154JX	RESISTOR	
R4003	EXB28V473JX	RESISTOR	
R4005	EXB28V102J	RESISTOR ARRAY	
R4007	ERJ3GEYJ153	M 15K OHM,J,1/16W	
R4008	ERJ3GEYJ153	M 15K OHM,J,1/16W	
R4009	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R4010	ERJ3GEYJ180	METAL OXIDE RESISTOR	
R4011	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R5001	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R5002	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R5003	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R5004	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R9101	ERDS1TJ474	C 4.7KOHM, J,1/2W	\triangle
R9601	ERX2SJR47E	M 0.470HM,J, 2W	
R9630	ERJ14YJ3R3U	M 3.3 OHM,J, 1/4W	
R9631	ERJ8GEYJ220	M 68 OHM, J,1/4W	
R9632	ERJ14YJ5R6U	M 5.6 OHM,J, 1/4W	
R9633	ERJ8GEYJ100	M 10 OHM, J,1/4W	
R9634	ERJ8GEYJ120	M 12 OHM, J,1/4W	
R9636	ERJ14YJ3R3U	M 3.3 OHM, J, 1/4W	
R9637	ERJ8GEYJ220	M 68 OHM, J,1/4W	
R9638	ERJ14YJ5R6U	M 5.6 OHM, J, 1/4W	
R9639	ERJ8GEYJ100	M 10 OHM, J,1/4W	
R9640	ERJ8GEYJ120	M 12 OHM, J,1/4W	
R9653	D0XGR22J0004	RESISTOR	
	I	[CAPACITORS]	ı
C1001	EEEHB0J221UP	E 330UF, 6.3V	1
C1001	ECJ0EB1C103K	C 0.01UF, 16V	
C1002	EEEHB0J221UP	E 330UF, 6.3V	
C1003	ECJ0EB1C103K		
		C 0.01UF, 16V	
C1005	EEEHBOJ221UP	E 330UF, 6.3V	1
a100c	ECJ0EB1C103K	C 0.01UF, 16V	1
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1007		C 4700PF, K, 50V	1
C1007 C1008	ECJ1VB1H472K		
C1006 C1007 C1008 C1009	ECJ1VF1C105Z	C 0.01UF, Z, 16V	
C1007 C1008 C1009 C1010	ECJ1VF1C105Z EEEHB0J330R	C 0.01UF, Z, 16V E 33UF, 6.3V	
C1007 C1008 C1009 C1010	ECJ1VF1C105Z EEEHB0J330R ECJ0EF1C104Z	C 0.01UF, Z, 16V E 33UF, 6.3V C 0.1UF, 16V	
C1007 C1008 C1009 C1010	ECJ1VF1C105Z EEEHB0J330R	C 0.01UF, Z, 16V E 33UF, 6.3V	

No.	Part No.	Part Name &	Remarks
-		Description	
		C 0.1UF, 16V	
C1015	ECJ0EF1C104Z	C 0.1UF, 16V	
C1016 C1017	ECJ0EB1C103K ECJ1VF1E104Z	C 0.01UF, 16V C 0.1UF, Z, 25V	
C1017	ECJ0EB1C103K	C 0.01UF, 16V	
C1019	ECJ0EB1H102K	C 1000PF, 50V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EB1C103K	C 0.01UF, 16V	
C1023	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1024	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1027	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1029	ECJ0EF1C104Z	C 0.1UF, 16V	
C1032	ECJ0EF1C104Z	C 0.1UF, 16V	
C1033	ECJ0EF1C104Z	C 0.1UF, 16V	
C1035	ECJ0EF1C104Z	C 0.1UF, 16V	
C1036	EEEHB0J330R ECJ0EB1C103K	E 33UF, 6.3V	
	EEEHBOJ330R	C 0.01UF, 16V E 33UF, 6.3V	
	ECJ0EB1C103K	C 0.01UF, 16V	
C1040	EEEHBOJ330R	E 33UF, 6.3V	
C1041	ECJ0EB1C103K	C 0.01UF, 16V	
C1047	ECJ2YF1C225Z	C 2.2UF, Z, 16V	
C1048	ECJ1VB1H102K	C 1000PF, K, 50V	
C1049	ECJ2YF1C225Z	C 2.2UF, Z, 16V	
C1050	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1051	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1053	ECJ0EF1C104Z	C 0.1UF, 16V	
C1054 C1058	F2G0J4700024	C 0.1UF, 16V	
C1038	F2G1C4700014	CAPACITOR CAPACITOR	
C1075	ECJ2FF1A106Z	C 10UF, 10V	
	ECJ2FF1A106Z	C 10UF, 10V	
C1077	ECJ0EF1C104Z	C 0.1UF, 16V	
C1078	ECJ0EF1C104Z	C 0.1UF, 16V	
C1079	ECJ0EB1C103K	C 0.01UF, 16V	
C1080	ECJ2FF1A106Z	C 10UF, 10V	
C1081	ECJ2FF1A106Z	C 10UF, 10V	
C1082	ECJ0EF1C104Z	C 0.1UF, 16V	
C1083	ECJ0EF1C104Z ECJ2FF1A106Z	C 0.1UF, 16V	
C1085	ECJ0EF1C104Z	C 10UF, 10V C 0.1UF, 16V	
C1086	ECJ0EB1C103K	C 0.01UF, 16V	
C1087	ECJ0EF1C104Z	C 0.1UF, 16V	
C1088	ECJ0EF1C104Z	C 0.1UF, 16V	
	DC0 0HF ICIO42	0 0 1 2 0 1 7 2 0 1	
C1089	ECJ0EF1C104Z	C 0.1UF, 16V	
C1089 C1090			
C1090 C1091	ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V	
C1090 C1091 C1092 C1093 C1094	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V	
C1090 C1091 C1092 C1093 C1094 C1095	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ1VF1C105Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 50V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K ECJ1VF1C105Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 50V C 0.01UF, Z, 16V CAPACITOR C 1000PF, 50V C 0.01UF, Z, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K ECJ1VF1C105Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.1UF, 2, 16V C 0.01UF, Z, 16V C 0.01UF, Z, 16V CAPACITOR C 1000PF, 50V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K ECJ1VF1C105Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.01UF, 2, 16V CAPACITOR C 1000PF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 50V C 0.01UF, Z, 16V C 0.01UF, Z, 16V C 0.01UF, Z, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.01UF, 2, 16V CAPACITOR C 1000PF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.01UF, 2, 16V CAPACITOR C 1000PF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ3YF1C475Z ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 10V C 0.1UF, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.01UF, 2, 16V CAPACITOR C 1000PF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 50V C 0.01UF, Z, 16V C 0.01UF, Z, 16V C 0.01UF, Z, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109 C1110	ECJ0EF1C104Z ECJ1VF1C105Z F2G1C4700014 ECJ0EB1H102K ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 16V C 0.1UF, 16V C 0.01UF, 2, 16V C 0.01UF, 50V C 0.01UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.82UF, 16V C 0.01UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109 C1110	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EB1H102K ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VB1C823K ECJ1VB1C823K ECJ0EB1C103K	C 0.1UF, 16V C 1000PF, 50V C 10UF, 16V C 0.1UF, 16V C 0.01UF, 2, 16V C 0.01UF, 50V C 0.01UF, 16V C 0.01UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.01UF, 16V C 0.01UF, 16V C 0.01UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109 C1110 C1111 C1112 C1113 C1114	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 16V C 0.1UF, 2, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.01UF, 2, 16V C 0.01UF, 50V C 0.01UF, 16V C 0.1UF, 16V C 0.01UF, 16V C 0.01UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109 C1110 C1111 C1112 C1113 C1114 C1115	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 16V C 0.1UF, 16V	
C1090 C1091 C1092 C1093 C1094 C1095 C1096 C1097 C1098 C1100 C1101 C1102 C1103 C1104 C1105 C1106 C1107 C1108 C1109 C1110 C1111 C1112 C1113 C1114	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ2FF1A106Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ1VF1C105Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 1000PF, 50V C 10UF, 16V C 0.1UF, 2, 16V C 0.1UF, 2, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.01UF, 2, 16V C 0.01UF, 50V C 0.01UF, 16V C 0.1UF, 16V C 0.01UF, 16V C 0.01UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	

Ref.	Part No.	Part Name &	Remarks
No.		Description	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1120 C1121	ECJ2FF1A106Z	C 10UF, 10V	
C1121	ECJ0EF1C104Z ECJ1VF1C105Z	C 0.1UF, 16V C 0.01UF, Z, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1124	ECJ1VF1C105Z	C 0.01UF, Z, 16V	
C1125	ECJ0EF1C104Z	C 0.1UF, 16V	
C1126	ECJ2FF1A106Z	C 10UF, 10V	
C1127	ECJ0EF1C104Z	C 0.1UF, 16V	
	EEFCD0D101R	CAPACITOR	
C1129 C1130	ECJ1VB1H102K ECJ1VB1H102K	C 1000PF, K, 50V	
	ECJ1VF1C105Z	C 1000PF, K, 50V C 0.01UF, Z, 16V	
C1132	ECJ2YF1C225Z	C 2.2UF, Z, 16V	
C1133	ECJ0EF1C104Z	C 0.1UF, 16V	
C1134	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1135	ECJ0EF1C104Z	C 0.1UF, 16V	
C1136	ECJ0EF1C104Z	C 0.1UF, 16V	
C1137	F2G0J1010031	CAPACITOR	
C1138	ECJ0EF1C104Z	C 0.1UF, 16V	
C1139	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1141	ECJ2YF1C225Z	C 2.2UF, Z, 16V	
	F2G1C4700014	CAPACITOR	
C1145	ECJ0EF1C104Z	C 0.1UF, 16V	
C1146	F2G1C4700014	CAPACITOR	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1152	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1172 C1178	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1189	ECJ0EF1C104Z	C 0.1UF, 16V	
C1199	ECJ2FF1A106Z	C 10UF, 10V	
C1201	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1202	ECJ0EF1C104Z	C 0.1UF, 16V	
C1204	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1206 C1207	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1209	ECJ0EF1C104Z	C 0.1UF, 16V	
C1210	ECJ1VF1H333Z	C 0.033UF, 50V	
C1212	ECJ0EF1C104Z	C 0.1UF, 16V	
C1216	ECJ0EF1C104Z	C 0.1UF, 16V	
C1217	ECJ1VC1H471J	C 470PF, J, 50V	
C1219	ECJ1VC1H100C	C 10PF, 50V	
C1220	ECJ0EB1H102K	C 1000PF, 50V	
C1221 C1222	ECJ1VC1H100C ECJ0EF1C104Z	C 10PF, 50V	
C1224	F2G0J4700024	C 0.1UF, 16V CAPACITOR	
C1225	ECJ0EF1C104Z	C 0.1UF, 16V	
C1226	ECJ0EF1C104Z	C 0.1UF, 16V	
C1228	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1230	F2G0J4700010	CAPACITOR	
C1242	F2G0J1010031	CAPACITOR	
C1243 C1244	F2G1E3300010	C 0.1UF, Z, 25V CAPACITOR	
C1244	F2G1E3300010	CAPACITOR	
C1246	ECJ0EB1C103K	C 0.01UF, 16V	
C1247	ECJ0EF1C104Z	C 0.1UF, 16V	
C1248	ECJ0EB1C103K	C 0.01UF, 16V	
C1249	ECJ0EF1C104Z	C 0.1UF, 16V	
C1250	ECJ0EB1C103K	C 0.01UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1252 C1253	F1J1E105A197 ECJ0EF1C104Z	CAPACITOR	
C1253	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1255	ECJ0EF1C104Z	C 0.1UF, 16V	
C1256	ECJ0EF1C104Z	C 0.1UF, 16V	
C1257	ECJ0EF1C104Z	C 0.1UF, 16V	
C1258	ECJ0EF1C104Z	C 0.1UF, 16V	
C1259	ECJ0EF1C104Z	C 0.1UF, 16V	

Ref.	Part No.	Part Name &	Remarks
No. C1260	ECJ0EF1C104Z	Description	
C1260	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1261	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1264	ECJ0EF1C104Z	C 0.1UF, 16V	
C1265	ECJ0EF1C104Z	C 0.1UF, 16V	
C1266	ECJ0EF1C104Z	C 0.1UF, 16V	
C1267	ECJ0EF1C104Z	C 0.1UF, 16V	
C1268	ECJ0EF1C104Z	C 0.1UF, 16V	
C1269	ECJ0EF1C104Z	C 0.1UF, 16V	
C1270	ECJ0EF1C104Z	C 0.1UF, 16V	
C1271	ECJ0EF1C104Z	C 0.1UF, 16V	
C1272	ECJ0EF1C104Z	C 0.1UF, 16V	
C1273	ECJ0EF1C104Z	C 0.1UF, 16V	
C1274	ECJ0EF1C104Z	C 0.1UF, 16V	
C1275	ECJ0EF1C104Z	C 0.1UF, 16V	
C1276	ECJ0EF1C104Z	C 0.1UF, 16V	
C1277	ECJ0EF1C104Z	C 0.1UF, 16V	
C1278	ECJ0EF1C104Z	C 0.1UF, 16V	
C1279	ECJ0EF1C104Z	C 0.1UF, 16V	
C1280 C1281	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1281	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1282	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1284	ECJ0EF1C104Z	C 0.1UF, 16V	
C1285	ECJ0EF1C104Z	C 0.1UF, 16V	
C1286	F2G1E3300022	CAPACITOR	
C1306	ECJ0EF1C104Z	C 0.1UF, 16V	
C1329	F1J1E105A197	CAPACITOR	
C1330	F1J1E105A197	CAPACITOR	
C1331	F1J1E105A197	CAPACITOR	
C1332	F2G1E3300022	CAPACITOR	
C1333	F2G1E3300010	CAPACITOR	
C1334	F2G1E3300022	CAPACITOR	
C1335	F2G1A3300007	CAPACITOR	
C1336	F2G1A3300022	CAPACITOR	
C1337	F2G1A3300022	CAPACITOR	
C1341	ECJ1VF1C105Z	C 0.01UF, Z, 16V	
C1342	ECJ1VF1C105Z	C 0.01UF, Z, 16V	
C1343	ECJ1VF1C105Z ECJ3YF1C475Z	C 0.01UF, Z, 16V C 4.7UF, Z, 16V	
C1500	ECJ0EF1C104Z	C 0.1UF, 16V	
C1501	ECJ0EF1C104Z	C 0.1UF, 16V	
C1502	ECJ0EF1C104Z	C 0.1UF, 16V	
C1503	ECJ0EF1C104Z	C 0.1UF, 16V	
C1504	ECJ0EF1C104Z	C 0.1UF, 16V	
C1505	ECJ0EF1C104Z	C 0.1UF, 16V	
C1506	ECJ0EF1C104Z	C 0.1UF, 16V	
C1507	ECJ0EF1C104Z	C 0.1UF, 16V	
C1508	ECJ0EF1C104Z	C 0.1UF, 16V	
C1509	ECJ0EF1C104Z	C 0.1UF, 16V	
C1510	ECJ0EF1C104Z	C 0.1UF, 16V	
C1511	ECJ0EF1C104Z	C 0.1UF, 16V	
C1512	ECJ0EF1C104Z	C 0.1UF, 16V	
C1513	ECJ0EF1C104Z	C 0.1UF, 16V	
C1514	ECJ0EF1C104Z	C 0.1UF, 16V	
C1515	ECJ0EF1C104Z	C 0.1UF, 16V	
C1516 C1517	ECJ0EF1C104Z	C 0.1UF, 16V	
C1517	EC.10EE1C102E	1C 0 01HF 16V	
C1518	ECJ0EB1C103K	C 0.01UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1520 C1521	ECJ0EF1C104Z	C 0.1UF, 16V	
C1520	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1520 C1521	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1520 C1521 C1522	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1520 C1521 C1522 C1523	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1520 C1521 C1522 C1523 C1524	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1520 C1521 C1522 C1523 C1524 C1525	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1520 C1521 C1522 C1523 C1524 C1525 C1526	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1520 C1521 C1522 C1523 C1524 C1525 C1526 C1527	ECJ0EF1C104Z	C 0.1UF, 16V	
C1520 C1521 C1522 C1523 C1524 C1525 C1526 C1527 C1528	ECJ0EF1C104Z	C 0.1UF, 16V	

Ref.	Part No.	Part Name &	Remarks
No.	1410 1101	Description	11033102110
C1532	ECJ0EF1C104Z	C 0.1UF, 16V	
C1533	ECJ0EF1C104Z	C 0.1UF, 16V	
C1534	ECJ0EF1C104Z	C 0.1UF, 16V	
C1535 C1539	ECJ0EF1C104Z F1J1E105A197	C 0.1UF, 16V CAPACITOR	
C1541	F1J0J106A013	CAPACITOR	
C1542	F2G0J4700024	CAPACITOR	
C1543	F2G1A221A030	CAPACITOR	
C1544	ECJ0EF1C104Z	C 0.1UF, 16V	
C1601	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1602	ECJ0EF1C104Z	C 0.1UF, 16V	
C1603 C1604	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1605	ECJ0EF1C104Z	C 0.1UF, 16V	
C1606	ECJ0EF1C104Z	C 0.1UF, 16V	
C1607	ECJ0EF1C104Z	C 0.1UF, 16V	
C1608	ECJ0EF1C104Z	C 0.1UF, 16V	
C1609	ECJ0EF1C104Z	C 0.1UF, 16V	
C1610	ECJ0EF1C104Z	C 0.1UF, 16V	
C1611	ECJ0EF1C104Z	C 0.1UF, 16V	
C1613	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1615	ECJ0EF1C104Z	C 0.1UF, 16V	
C1616	ECJ0EF1C104Z	C 0.1UF, 16V	
C1617	ECJ0EF1C104Z	C 0.1UF, 16V	
C1618	ECJ0EF1C104Z	C 0.1UF, 16V	
C1619	ECJ0EF1C104Z	C 0.1UF, 16V	
C1620	ECJ0EF1C104Z	C 0.1UF, 16V	
C1621	ECJ0EF1C104Z	C 0.1UF, 16V	
C1623	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1629	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1637	ECJ0EF1C104Z	C 0.1UF, 16V	
C1638	ERJ3GEYJ103	M 10K OHM,J,1/16W	
C1639	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C1640	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C1641 C1801	ECJ2FF1A106Z F1J0J106A013	C 10UF, 10V CAPACITOR	T.B.S.ONTOTT / PP / PP A
C1801	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA LB50NTU/E/EA
C1803	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1804	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1805	F1J0J106A013	CAPACITOR	LB50NTU/E/EA
C1816	F1J0J106A013	CAPACITOR	LB50NTU/E/EA
C1817	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1818	ECJ0EF1C104Z	C 100PF T 50V	LB50NTU/E/EA
C1819 C1820	ECJ1VC1H101J ECJ1VB0J105K	C 100PF, J, 50V C 1UF, Z, 6.3V	LB50NTU/E/EA LB50NTU/E/EA
C1821	ECJ1VB1C104K	CAPACITOR	LB50NTU/E/EA
C1822	EEEFK1C101P	CAPACITOR	LB50NTU/E/EA
C1823	EEEFK1C101P	CAPACITOR	LB50NTU/E/EA
C1824	ECJ1VB0J105K	C 1UF,Z, 6.3V	LB50NTU/E/EA
C1825	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1826	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1827	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA LB50NTU/E/EA
C1828	ECJ1VB0J105K ECJ1VB0J105K	C 1UF,Z, 6.3V C 1UF,Z, 6.3V	LB50NTU/E/EA
C1830	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1831	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1832	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1833	ECJ1VB0J105K	C 1UF,Z, 6.3V	LB50NTU/E/EA
C1834	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1835	ECJ1VB0J105K	C 1UF, Z, 6.3V	LB50NTU/E/EA
C1836 C1837	F2G0J4700010 F2G0J4700010	CAPACITOR	LB50NTU/E/EA LB50NTU/E/EA
C1837	ECJ0EF1C104Z	CAPACITOR C 0.1UF, 16V	LB50NTU/E/EA
C1839	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1840	F1J0J106A013	CAPACITOR	LB50NTU/E/EA
C1841	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1842	ECJ1VB0J474K	CAPACITOR	LB50NTU/E/EA
C1843	F1J0J106A013	CAPACITOR	LB50NTU/E/EA
			l · · ·
C1844	F1J0J106A013	CAPACITOR	LB50NTU/E/EA
		CAPACITOR CAPACITOR CAPACITOR	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA

Ref. No.	Part No.	Part Name & Description	Remarks
C1847	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1861	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1862	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
21863	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1864	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1865	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1866	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1867	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1868	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1869	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1870	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1871	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1872	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C1873	ECJ0EF1C104Z	C 0.1UF, 16V	LB50NTU/E/EA
C2001	ECJ3YF1C475Z	C 4.7UF, Z, 16V	EBSORIO, E, EII
	ECJ0EF1C104Z		
		C 0.1UF, 16V	
C2003	ECJ0EF1C104Z	C 0.1UF, 16V	+
22004	F2G0J4700010	CAPACITOR	
24001	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C4002	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
24003	ECJ2FF1A106Z	C 10UF, 10V	
C4004	ECJ1VB1H472K	C 4700PF, K, 50V	
C4005	ECJ2FF1A106Z	C 10UF, 10V	
C4006	ECJ1VF1C105Z	C 0.01UF, Z, 16V	
C5001	F4D272750005	CAPACITOR	
25002	F4D272750005	CAPACITOR	
C5002	F4D272750005	CAPACITOR	
C5003	F4D272750005	CAPACITOR	
			-
	ECQU2A105MLA	P 1UF, M,250V	<u> </u>
C9102	F1BAH102A024	CAPACITOR	<u> </u>
C9103	F1BAH102A024	CAPACITOR	<u> </u>
C9603	F1K2J333A013	CAPACITOR	
C9610	F0C2E1050002	CAPACITOR	
C9617	F0C3C4720003	CAPACITOR	
C9618	F0C2J1540004	CAPACITOR	
C9619	F0C2J1540004	CAPACITOR	
C9619	F0C2J1540004		
C9619	F0C2J1540004	[OTHERS]	
C9619	F0C2J1540004 K1MY30BA0006		
A1	K1MY30BA0006	[OTHERS]	
A1 A2	K1MY30BA0006 K1MY30BA0006	[OTHERS] CONNECTOR CONNECTOR	
A1 A2 A3	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006	[OTHERS] CONNECTOR CONNECTOR CONNECTOR	
A1 A2 A3	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR	
A1 A2 A3 A4 A5	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR	
A1 A2 A3 A4 A5	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR	
A1 A2 A3 A4 A5	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR	
A1 A2 A3 A4 A5 A6	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR	
A1 A2 A3 A4 A5 A6 A8	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR	
A1 A2 A3 A4 A5 A6 A8 A9	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 5P CONNECTOR	
A1 A2 A3 A4 A5 A6 A8 A9 A10	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 5P CONNECTOR 2P CONNECTOR	
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR CONNECTOR CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0047	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0044 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1KA04BA0047 K1MY14AA0041	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1 S1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1MY50BA0047 K1KA03BA0014 K1KA04BA0047 K1MY14AA0041 K1MN14AA0041 K1MN14AA0041	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1 S1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0044 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1KA04BA0047 K1MY14AA0041	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 B1 S1 WL1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1MY50BA0047 K1KA03BA0014 K1KA04BA0047 K1MY14AA0041 K1MN14AA0041 K1MN14AA0041	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1MN14AA0041 K1MN14AA0041 K1MN14AA0041 K1MN14AA0041 K1MN14BA0116 K1NA09E00062	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4ONNECTOR CONNECTOR CONNECTOR CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 AA13 AA15 AA16 AA17 A18 AA19 A20 G1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1MN14AA0041 K1MN14AA0041 K1MN14AA0041 K1MN14AA0016 K1NA09E00062 K1MY50BA0106	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR CONNECTOR 4D CONNECTOR	LB50NTU/E/EA
A11 A22 A3 A44 A5 A66 A88 A99 A10 A11 A12 AA13 AA15 A16 A17 A18 A19 A20 G31 G31 WL1 WL2 WL3 Z1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA00014 K1KA07BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1KA03BA0014 K1KA04BA0047 K1KA03BA0014 K1KA04BA0047 K1KA03BA0014 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1MN14AA0041 K1MN14AA0041 K1MN14AA0041 K1MN14BA0116 K1NA09E00062 K1MY50BA0106 K1KA10BA0014	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR 5P CONNECTOR 3P CONNECTOR 4D CONNECTOR 4D CONNECTOR CONNECTOR CONNECTOR CONNECTOR 5D CARD SLOT CONNECTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A12 A13 A15 A16 A17 A18 A19 A20 G31 S51 WL1 WL2 WL3 Z1 CF1001	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA00014 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1KA04BA0047 K1KA04BA0041 K1MN14AA0041 K1MN14AA0041 K1MN14BA0116 K1NA09E00062 K1MY50BA0106 K1KA10BA0014 K1YA03000032 D4CC1103A037	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR CONNECTOR 3P CONNECTOR 4D CONNECTOR 14P CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR THERMISTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A16 A17 A18 A19 A20 G1 S1 WL1 WL2 WL3 Z1 CF1001 CF2001	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA04BA0047 K1MY50BA016 K1KA04BA0014 K1KA04BA0014 K1KA04BA0014 K1KA04BA0014 K1MN14AA0041 K1MN14AA0041 K1MN14BA0116 K1NA09E00062 K1MY50BA0106 K1KA10BA0014 K1YA03000032 D4CC1103A037	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR 5P CONNECTOR 1AP CONNECTOR 1AP CONNECTOR 1AP CONNECTOR 1AP CONNECTOR CONNECTOR 1AP CONNECTOR 1AP CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR THERMISTOR THERMISTOR	LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1 WL1 WL2 WL3 Z1 CF1001 CF2001 F9101-1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1KA04BA0016 K1KA10BA0016 K1KA10BA0014 K1YA03000032 D4CC1103A037 D4CC1103A037 EYF52BCY	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR CONNECTOR 14P CONNECTOR 14P CONNECTOR 14P CONNECTOR 14P CONNECTOR 14P CONNECTOR CONNECTOR 14P CONNECTOR 14P CONNECTOR CONNECTOR CONNECTOR CONNECTOR THERMISTOR THERMISTOR THERMISTOR THERMISTOR	LB50NTU/E/EA
A11 A22 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G31 S51 WL1 WL2 WL3 Z1 CF1001 CF2001 F9101-1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA00014 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1MN14BA0116 K1NA09E00062 K1MY50BA0106 K1KA10BA0014 K1YA03000032 D4CC1103A037 D4CC1103A037 EYF52BCY EYF52BCY	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR 5P CONNECTOR 4P CONNECTOR 4P CONNECTOR 4P CONNECTOR 1AP CONNECTOR 1AP CONNECTOR CONNECTOR 1AP CONNECTOR CONNECTOR THERMISTOR THERMISTOR FUSE HOLDER	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
A11 A22 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1 S1 WL1 WL2 WL3 Z1 CF1001 CF2001 F9101-1 F9101-2 F9101-2	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA00014 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1MN14BA016 K1MN14BA016 K1MN14BA016 K1MN14BA0116 K1MN14BA0116 K1MN14BA0116 K1MN14BA0117 K1MN14BA0117 K1MN14BA0117 K1MN14BA0117 K1MN14BA0117 K1MN14BA017 K1MN14BA007 K1MN14BA007 K1MY50BA07 K1M	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4D CONNECTOR 10P CONNECTOR CONNECTOR CONNECTOR THERMISTOR THERMISTOR FUSE HOLDER FUSE	LB50NTU/E/EA
A11 A22 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G31 S51 WL1 WL2 WL3 Z1 CF1001 CF2001 F9101-1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA00014 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1MN14BA0116 K1NA09E00062 K1MY50BA0106 K1KA10BA0014 K1YA03000032 D4CC1103A037 D4CC1103A037 EYF52BCY EYF52BCY	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR 14P CONNECTOR 14P CONNECTOR 14P CONNECTOR CONNECTOR THERMISTOR THERMISTOR FUSE HOLDER FUSE S-VIDEO/VIDEO IN	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G31 S51 WWL1 WWL2 WWL3 Z1 CFF1001 CFF2001 F9101-1 F9101-2 F9101 JK1001	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0014 K1KA03BA0016 K1KA03BA0017 K1MN14AA0011 K1MN14BA0116 K1MN14BA0116 K1MN14BA0116 K1MA09E00062 K1MY50BA0106 K1KA10BA0014 K1YA03000032 D4CC1103A037 D4CC1103A037 EYF52BCY EYF52BCY K5D502BNA005 K1AY205B0001	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 14P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 4P CONNECTOR 5D CONNECTOR CONNECTOR CONNECTOR CONNECTOR TOP CONNECTOR TOP CONNECTOR TOP CONNECTOR THERMISTOR THERMISTOR THERMISTOR FUSE HOLDER FUSE S-VIDEO/VIDEO IN TERMINAL	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA
A1 A2 A3 A4 A5 A6 A8 A9 A10 A11 A12 A13 A15 A16 A17 A18 A19 A20 G1 WL1 WL2 WL3 Z1 CF1001 CF2001 F9101-1	K1MY30BA0006 K1MY30BA0006 K1MY30BA0006 K1MY30BA00014 K1KA07BA0014 K1KA03BA0014 K1KA12BA0059 K1MY14BA0008 K1KB05AA0065 K1KA02BA0047 K1KA02BA0047 K1KA02BA0047 K1KA03BA0014 K1MN14BA016 K1MN14BA016 K1MN14BA016 K1MN14BA0116 K1MN14BA0116 K1MN14BA0116 K1MN14BA0117 K1MN14BA0117 K1MN14BA0117 K1MN14BA0117 K1MN14BA0117 K1MN14BA017 K1MN14BA007 K1MN14BA007 K1MY50BA07 K1M	[OTHERS] CONNECTOR CONNECTOR CONNECTOR 7P CONNECTOR 3P CONNECTOR 12P CONNECTOR 5P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 2P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 3P CONNECTOR 4P CONNECTOR 4P CONNECTOR CONNECTOR 14P CONNECTOR 14P CONNECTOR 14P CONNECTOR CONNECTOR THERMISTOR THERMISTOR FUSE HOLDER FUSE S-VIDEO/VIDEO IN	LB50NTU/E/EA LB50NTU/E/EA LB50NTU/E/EA

Ref. No.	Part No.	Part Name & Description	Remarks
JK1005	K1FB115B0102	RGB IN 2/OUT TERMINAL	
JK4001	K2HC1YYB0003	AUDIO TERMINAL	
JK4002	K2HC1YYB0004	AUDIO TERMINAL	
JK9101	K2AZ3B000002	AC INLET	\triangle
JS1003	ERJ6GEY0R00V	RESISTOR	
JS1004	ERJ6GEY0R00V	RESISTOR	
JS1005	ERJ6GEY0R00V	RESISTOR	
JS1006	ERJ6GEY0R00V	RESISTOR	
JS1007	ERJ6GEY0R00V	RESISTOR	
PC2001	В3ЈВ00000023	SENSO(DAYLIGHT SENSOR)	
RM2001	B3RAD0000126	REMOTE CONTROL RECEIVER	
S9602	A9BZ00000013	SPARK GAP	
SW2001	EVQPLHA15	SWITCH	
SW2002	EVQPLHA15	SWITCH	
SW2003	EVQPLHA15	SWITCH	
SW2004	EVQPLHA15	SWITCH	
SW2005	EVQPLHA15	SWITCH	
SW2006	EVQPLHA15	SWITCH	
SW2007	EVQPLHA15	SWITCH	
SW2008	EVQPLHA15	SWITCH	
SW2009	EVQPLHA15	SWITCH	
SW9601	T115AR3U3	SWITCH	\triangle
T9604	G4F2A000001	TRANS	\triangle
X1001	ној270500105	CRYSTAL	
X1003	ној983400016	CRYSTAL	
X1801	H1A6605B0008	CRYSTAL	LB50NTU/E/EA
X1802	H1A1225B0015	CRYSTAL	LB50NTU/E/EA
ZA9101	K9ZZ00000424	CONNECTOR	
RTL	TNPA3876	CIRCUIT BOARD WL	LB50NTU/E/EA
RTL	TNPA3877	CIRCUIT BOARD S	
RTL	TNPA3878	CIRCUIT BOARD G	
RTL	TNPA3887	CIRCUIT BOARD Z	
RTL	TXANP01VKB9	CIRCUIT BOARD A	LB50NTU/E/EA
	TXANP01QCEZ	CIRCUIT BOARD A	LB50U/E/EA
	TXANP01QCHZ	CIRCUIT BOARD A	LB50SU/E/EA
RTL	TXANP02VKB9	CIRCUIT BOARD K	
	TXANP03VKB9	POWER UNIT ASSY	
	TXANP04VKB9	BALLAST UNIT ASSY	