TOSHIBA

LCD Color Television

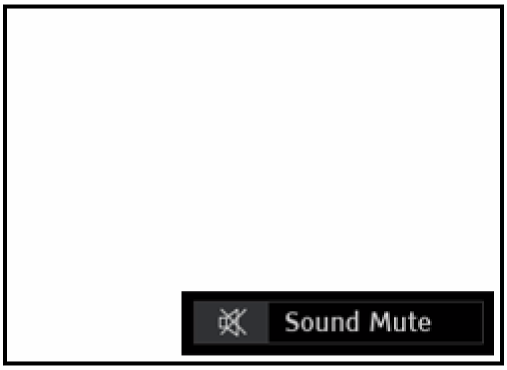
37RV733

Ver. 2.00

ADJUSTMENT

Service Mode

Entering to Service Mode



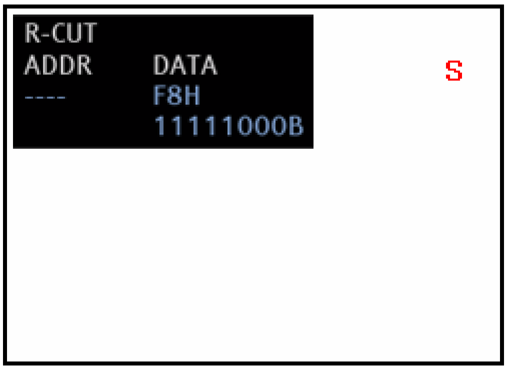
1. Press button once on remote control.

↓

2. Press button again and hold button down.

↓

Service Mode display



3. While holding the button, press MENU button on TV set.

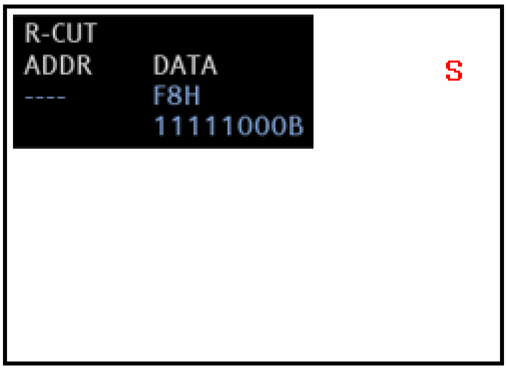
Displaying the Adjustment Menu

Press MENU button on TV.

Service Mode

Press ↑ ↓ Press

Adjustment Mode



Key Function in the Service Mode

The following key entry during display of adjustment menu provides special functions.

CAUTION: Never try to perform initialization unless you have changed the memory IC.

	button (on remote control)

Test signal selection	
Selection of the adjustment items	PROGRAMME ▲/▼ (on TV or remote control)
Change of the data value	Volume ◿ +/- (on TV or remote control)
Adjustment menu mode ON/OFF	MENU button (on TV)
Initialization of the memory (IC510)	"i+" + PROGRAMME ▲ button on TV
Turn off TV Micro I2C bus communication	"i+" + Volume ▲ button on TV
"RCUT" selection	1 button
"GCUT" selection	2 button
"BCUT" selection	3 button
"CNTX" selection	4 button
"COLC" selection	5 button
"UVTT" selection	6 button
Automatic A/D Adjustment (PC, Component, Composite (PAL, NTSC))	7 button
Self diagnostic display ON/OFF	9 button

Selecting the Adjusting Item

Every pressing of PROGRAMME ▲ button in the Service Mode changes the adjustment items in the order of table below. (▼ button for reverse order)

SETTING & ADJUSTING DATA

[SERVICE MODE]

ADJUSTING ITEMS IN THE SERVICE MODE:

Item	Name of adjustment
R-CUT	RED CUTOFF
G-CUT	GREEN CUTOFF
B-CUT	BLUE CUTOFF
R-DRV	RED DRIVE
G-DRV	GREEN DRIVE
B-DRV	BLUE DRIVE

BRTC	BRIGHTNESS CENTER
COLC	COLOR CENTER
UVTT	BASE BAND TINT
CNTX	CONTRAST MAX
MOID	MODEL ID
PLVN	PANEL VENDOR
PLSZ	PANEL SIZE
OPT5	OPTION DATA 5
OPT2	OPTION DATA 2
OPT6	OPTION DATA 6
OPT7	OPTION DATA 7
OPT8	OPTION DATA 8
HTLID	HOTEL ID
VOLX	MAXIMUM VOLUME LEVEL

The listed items are set to proper values after setting the correct Model ID data (Refer to Initialization of TV Micro).

Adjusting the Data

Pressing of VOLUME +/- button will change the value of data in the range from 00H to FFH. The variable range depends on the adjusting item.

Convert from Bit (Binary) to Hex

The table for converting from bit (D7-D0) to hex (0x**).

		BIT (Binary)			
High nibble		**D7**	**D6**	**D5**	**D4**
Low nibble		**D3**	**D2**	**D1**	**D0**
HEX	**0**	0	0	0	0

	1	0	0	0	**1**
	2	0	0	**1**	0
	3	0	0	**1**	**1**
	4	0	**1**	0	0
	5	0	**1**	0	**1**
	6	0	**1**	**1**	0
	7	0	**1**	**1**	**1**
	8	**1**	0	0	0
	9	**1**	0	0	**1**
	A	**1**	0	**1**	0
	B	**1**	0	**1**	**1**
	C	**1**	**1**	0	0
	D	**1**	**1**	0	**1**
	E	**1**	**1**	**1**	0
	F	**1**	**1**	**1**	**1**

E.g. If Bit D7-0 = 0**1**0**1** **1**0**1**0, Hex data is 0x**5A**.

Exit from Service Mode

Pressing POWER button to turn off the TV once.

Initialization of TV Micro Data

After replacing Digital Board, the following initialization is required.

1) Enter Service Mode.

2) Select menu of MOID by pressing P▲ or P▼ during display of adjustment menu in the Service Mode.

3) Change MOID data into MODEL ID to initialize by pressing ⊿+ or ⊿-, refer to

"MODEL ID TABLE".

For example, if initializing 40RV733, change MODEL ID into "0x02".

Note:

MODEL ID is hex value.

4) Execute initialization of the memory.
Refer to "KEY FUNCTION IN THE SERVICE MODE".
Press "i+" + PROGRAMME ▲ button on TV.

5) TV is automatically turned off and on after the memory initialization is completed.

6) Enter Service Mode and select Version Check Mode. Confirm if the MODEL ID corresponding to the model name is set correctly. If not, do over again from the start.

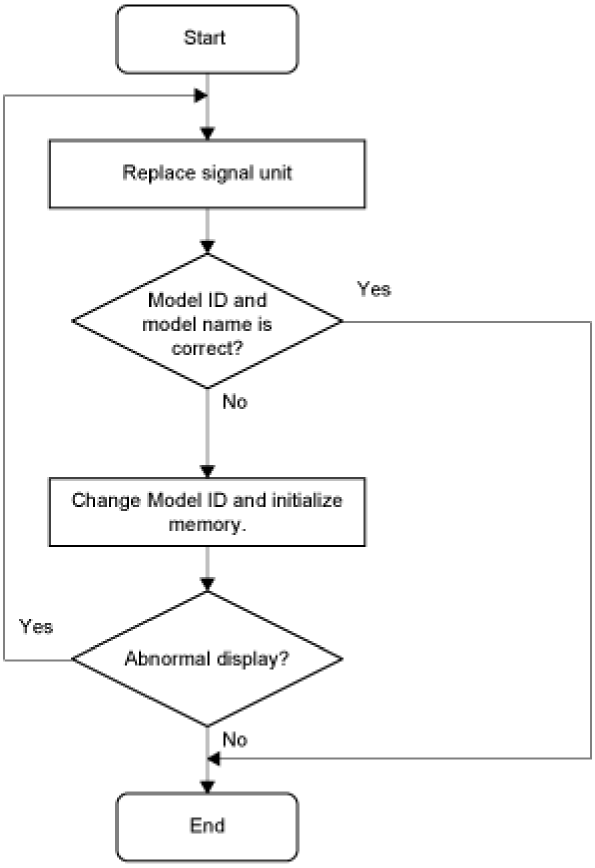
Note:

If the wrong MODEL ID is set, abnormal display might appear.

MODEL ID TABLE

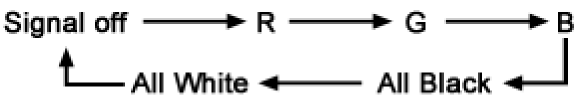
Model Name	Model ID (HEX)	Panel Vendor	Panel Inch Size ID (HEX)	Panel Vendor ID (HEX)	Option Data (OPT5) (HEX)
32RV733	0x00	AUO	0x05	0x04	0x00
37RV733	0x01	AUO	0x06	0x04	0x00
40RV733	0x02	SAMSUNG	0x0e	0x06	0x00

Initializing Data setting flowchart after replacing the Signal Unit



Test Signal Selection

Every pressing of button on the remote control changes the built-in test patterns on screen as described below in Service Mode.



Picture	Signal
	Red raster
	Green raster

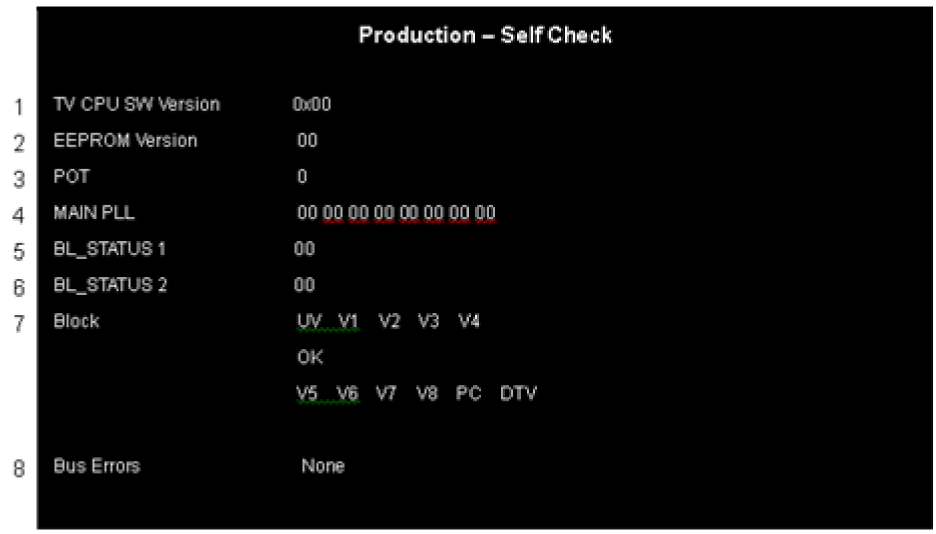
	Blue raster
	All Black
	All White

Self Diagnostic Function

1. Press "9" button on remote control during display of adjustment menu in the Service Mode. The diagnosis will begin to check if interface among IC's is executed properly.

2. During diagnosis, the following displays are shown.

* Self check displays and items are subject to the models.



	Item	Explanation/Data Format
1	TV CPU SW	Version information of TV-MICRO. Display 1 byte data. (Hex)

	Version	
2	EEPROM Version	Version information of TV-MICRO EEPROM. Display 1 byte data. (Hex)
3	POT	Total time the TV has been powered on. (Unit: Hours) (Decimal)
4	MAIN PLL	Displays Data 11 - Data 18 (8 bytes) of tuner control data. (Hex)
5	BL_STATUS 1	The total number of times that the panel did not light. (backlight double-light also failed) (Decimal)
6	BL_STATUS 2	The number of times that the backlight failed to light. (Decimal)
7	Block	UV : ATV reception mode V1 – V8 : VIDEO 1-8 input mode (see Block table) PC : PC input mode DTV : DTV mode For current input : OK: Signal Sync Detected NG: No Sync Detected
8	Bus Errors	IIC-BUS status. None is normal. "SCL-GND" (Red indication) : SCL-GND short circuit "SDA-GND" (Red indication) : SDA-GND short circuit

Block:

UV	ATV
V1	1 (SCART (FULL))
V2	2 (SCART (S+AV))
V3	3 (Component)
V4	3 (Composite)
V5	HDMI1
V6	HDMI2
V7	HDMI3
V8	HDMI4
PC	PC
DTV	DTV

Version Check Mode

1. Press "9" button twice on remote control during display of adjustment menu in the Service Mode.

2. During Version Check, the following displays are shown.

* Version check displays and items are subject to the models.

1	TV Model	AAAAAAA	EDID Checksum	Pass Pass Pass Pass	14
2	TV Model ID	0x00	Global Data Version	--------------	15
3	MAC address	xx:xx:xx:xx:xx:xx	Panel Vender	0x00	16
4	Dynamic Addressing	"TRUE"	Panel Inch Size	0x00	17
5	IP address	x.x.x.x	Factory Test Status	0000000000000000000	18
6	Subnet mask	xx.x.x	Country Shipout ID	UK	19
7	Boot Code Version	X.X.X.X-YYYY/MM/DD			
8	Core SW Version	0.0.0.0	A/D Adjust COMP	OK	20
9	Seine SW Version	0.0.0.0	A/D Adjust RGB	OK	21
10	Seine EEPROM Version	00	Default PhotoView JPEG	xxx.jpg	22
11	Seine Model Data Version	00	CI+ Serial Number	FFFFFFFF	23
12	TV Micro SW Version	00	CI+ HOST ID	0000000000000000	24
13	TV Micro EEPROM Version	00			

	Item	Explanation/Data Format
1	TV Model	Display model name strings
2	TV Model ID	Model ID indicating TV size and model type Display 1 byte data.(Hex)
3	MAC address	Media Access Control (MAC) address. Display is in the format: xx:xx:xx:xx:xx:xx (Hex)
4	Dynamic Addressing	Status of Dynamic Host Configuration Protocol (DHCP) Configuration. TRUE : IP address will be automatically configured if the TV is connected to a network that supports DHCP false : IP address must be manually set to a static IP address
5	IP Address	Current Internet Protocol (IP) address. Display *.*.*.* format (* is decimal)
6	Subnet mask	Current Subnet Mask. Display *.*.*.* format (* is decimal)
7	Boot Code Version	Version information of boot code. Display is in the format: X.X.X.X -YYYY.MM.DD

8	Core SW Version	Version information of Core SW. Display is in the format: X.X.X.X
9	Seine SW Version	Version information of Seine SW. Display is in the format: X.X.X.X
10	Seine EEPROM Version	Version information of Seine EEPROM data. Display 1 byte data. (Hex)
11	Seine Model Data Version	Version information of Seine Model data. Display 1 byte data. (Hex)
12	TV Micro SW Version	Version information of TV Micro SW. Display 1 byte data. (Hex)
13	TV Micro EEPROM Version	Version information of TV Micro EEPROM data. Display 1 byte data. (Hex)
14	EDID Checksum	HDMI EDID Checksum verification. Pass/Fail Result Listed for HDMI 1-4 (left to right)
15	Global Data Version	Version information of panel/picture data (string).
16	Panel Vendor	Panel Vendor ID Data. Display 1 byte data. (Hex)
17	Panel Inch Size	Panel Inch ID Data. Display 1 byte data. (Hex)
18	Factory Test Status	Optional Data Bits that can be used by factory
19	Country Shipout ID	Country/Region TV is configured for. Options are: UK, France, Continental, Russia, Nordic
20	A/D Adjust COMP	A/D adjustment status of Component input. OK : A/D adjustment set correctly. NG : A/D adjustment set incorrect. – : A/D adjustment is not needed because the picture format is not used.
21	A/D Adjust RGB	A/D adjustment status of RGB (SCART or PC) input. Same as above
22	Default PhotoView JPEG	Status of Default picture for Photo Frame xxx.jpg : default picture is loaded NG : default picture is not loaded
23	CI+ Serial Number	Serial Number of CI+ data
24	CI+ HOST ID	HOST ID of CI+

Setting Hotel Mode

Hotel Mode allows the customized settings for following hotel options according to various hotel requirements.

- Enable/Disable all Front Panel keys.
- Enable all Front Panel keys except for Input Selection key.
- Enable/Disable the remote control.
- Disable access to all Setup menu items except for Language Setting.
- Disable access to the Setup menu (grayed out).
- Limit the maximum Volume level.
- Force POS/VIDEO Channel/Input, when the TV is turned on.
- Force volume setting, when the TV is turned on.
- Force picture setting when the TV is turned on.
- Force the TV on while main power (AC power) is ON.

There are three ways to set up Hotel Mode Options: via Service Mode, Hotel Mode Settings menu, and Hotel Clone menu.

Setting Hotel Mode via Service Mode

Enter Service Mode and select Hotel Mode menu by pressing P▲ or P▼.
After selecting Hotel Mode, press ◿+ to enter details setting in Hotel Mode.

To select menu, press P▲ or P▼ and press OK to enter the adjustment menu of following table data.
To move the cursor in the adjustment, press ◿+ or ◿-.

1. By pressing P▲ or P▼, following table data setting will change the value either 1 or 0 on selected items as follows;

OPT2

OPT2	FUNCTION DESCRIPTION	1	0

			(Normal)
D7 (bit7)	Enable mode that TV standby will be appeared in forced when turning the main power ON	Enable (This function is ignored when D6 is set to 1.)	Disable
D6 (bit6)	Enable mode that TV On will be appeared in forced when turning the main power ON	Enable	Disable
D5 (bit5)	FRONT Key	Disable	Enable
D4 (bit4)	All keys except for INPUT key (Video/TV)	Disable	Enable
D3 (bit3)	User remote control operation	Disable (Except for Service Mode and Super User Mode.)	Enable
D2 (bit2)	Disable SET UP MENU except for language setting. (tuning etc.)	Disable (Display language setting only)	Enable
D1 (bit1)	Disable SETUP MENU	Disable	Enable
D0 (bit0)	HOTEL Mode	On (Enable the setting of D1 to D7)	Off (Normal)

VOLX

Set speaker volume to suitable sound volume level.

VOLX	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7) ~ D0 (bit0)	Max Limiter of Volume Control	0 ~ 100 [decimal](Normal:0) Value above 100 is no effect.	

OPT6

OPT6	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7)	Enable mode that POS or VIDEO program number will be appeared in forced when turning the main power ON	Enable	Disable
D6 (bit6) ~ D0 (bit0)	POS or VIDEO program number	0 ~ 127 [decimal] (Normal: 0) POS number: 0 ~ 99 VIDEO number: 100 ~ 127 (DTV = 100, VIDEO = 101,	

		VIDEO = 102..) 100 is used as ATV when DTV option is disable.

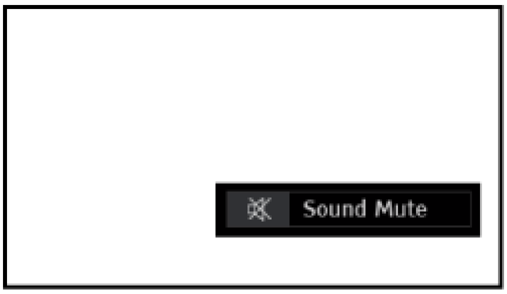
OPT7

OPT7	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7)	Enable mode that speaker volume will be set in forced when turning the main power ON	Enable	Disable
D6 (bit6) ~ D0 (bit0)	Forced speaker volume	0 ~ 100 [decimal] (Normal: 0) Value above 100 is no effect.	

OPT8

OPT8	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7) ~ D4 (bit4)	No use	-	-
D3 (bit3)	RF tuning operation by position up/down on remote or front panel of the TV set, number, and previous key when HDMI or PC input	Disable	Enable
D2 (bit2)	Enable mode that picture mode will be set in forced when turning the main power ON	Enable	Disable
D1 (bit1) ~ D0 (bit0)	Forced picture mode	0 [dec]: Auto View (Normal) 1 [dec]: Dynamic 2 [dec]: Standard 3 [dec]: Movie	

Setting Hotel Mode via Hotel Mode Settings Menu



1. Press button once on remote control.

↓

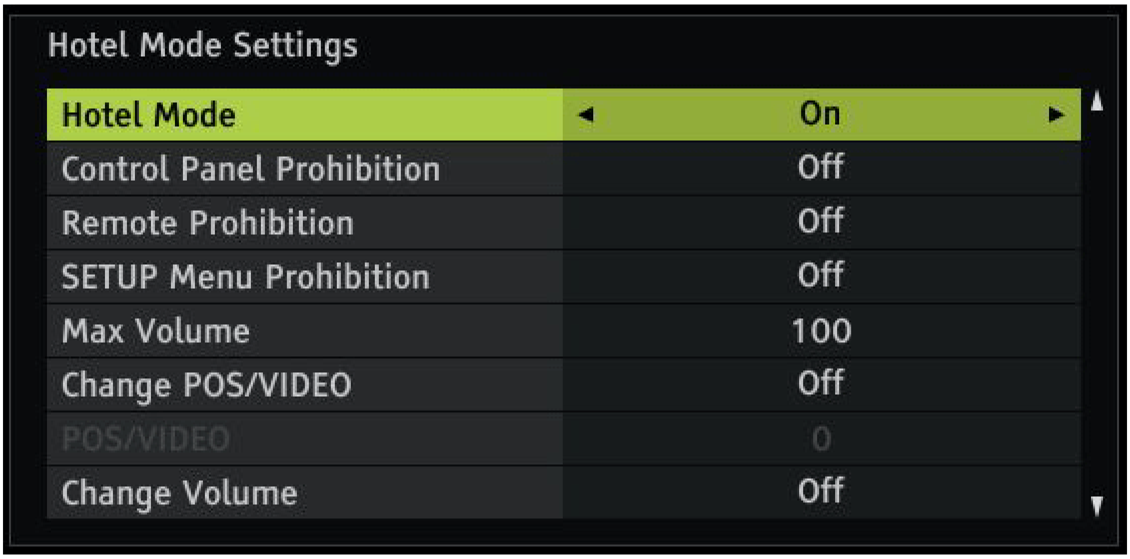
2. Press 🔇 button again and hold button down.

↓

(Hotel Mode Settings menu)

3. While holding the 🔇 button, press P▼ button on TV set.

4. To enable Hotel Mode, use the ◀ or ▶ buttons to select "On" while "Hotel Mode" item is highlighted. When Hotel Mode is on, the various options are enabled.



5. Press ▲ and ▼ buttons to select the item, and then press ◀ and ▶ buttons to change the setting.

6. Press [Exit] button to finish Hotel Mode setting.

Settings in "Hotel Mode Settings" menu

Hotel Mode Setting	Options	Description	Corresponding Option Data	Value
Hotel Mode	Off	Disable	OPT2, D0	0
	On	Enable		1
Control Panel	On	Enable all front panel keys	OPT2, D5 ~ D4	00
	Off	Disable all front panel keys		10
	Off (Except Input)	Disable all front panel keys except for INPUT		01
Remote	On	Enable	OPT2, D3	0
	Off	Disable (except for Service Mode function)		1
SETUP Menu	On	Enable access to Setup menu	OPT2, D2 ~ D1	00
	Off	Disable access to Setup menu		01
	Off (Except Language)	Disable access to Setup menu except for Language Setting		10
Max Volume	0 ~ 100	Limited maximum volume level	VOLX, D7 ~ D0	0x00 ~ 0x64
Change POS/VIDEO	Off	TV Tunes to the last channel or input viewed when the TV is turned on	OPT6, D7	0
	On	TV tunes to preset "POS/VIDEO" (channel/input) when the TV is turned on		1
POS/VIDEO (only available when "Change POS/VIDEO" is On)	0 ~ 99	0 ~ 99 (ATV Channel Position)	OPT6, D6 ~ D0	0x00 ~ 0x63
	100	DTV Input (ATV Input if DTV disabled)		0x64
	101 ~ 108	External Inputs 101 (Video 1), 102 (Video 2), ...108 (PC)		0x65 ~ 0x6C
Change Volume	Off	The last TV volume level remains	OPT7, D7	0

		not changed.		
	On	Force TV volume level when the TV is turned on		1
Volume (only available when "Change Volume" is On)	0 ~ 100	Preset speaker volume when the TV is turned ON	OPT7, D6 ~ D0	0x00 ~ 0x64
Change Selectable Picture	Off	The last Picture Setting Mode remains not changed	OPT8, D2	0
	On	Force Picture Setting Mode to "Selectable Picture" mode when the TV is turned on		1
Selectable Picture (only available when "Change Selectable Picture" is On)	AutoView	Force Picture Mode to AutoView when the TV is turned on	OPT8, D1 ~ D0	00
	Dynamic	Force Picture Mode to Dynamic when the TV is turned on		01
	Standard	Force Picture Mode to Standard when the TV is turned on		10
	Movie	Force Picture Mode to Movie when the TV is turned on		11
Change TV Power	Disabled	TV returns to previous Standby/On State when the main power is applied	OPT2, D7 ~ D6	00
	Force On	Force TV ON when the main power is applied		01
	Force Standby	Force TV Standby when the main power is applied		10
Position Change on HDMI/PC Input	On	RF tuning by P▲, P▼, and RETURN keys is enabled	OPT8, D3	0
	Off	When the input source is HDMI or PC Input, RF tuning by P▲, P▼, and RETURN keys is disabled		1

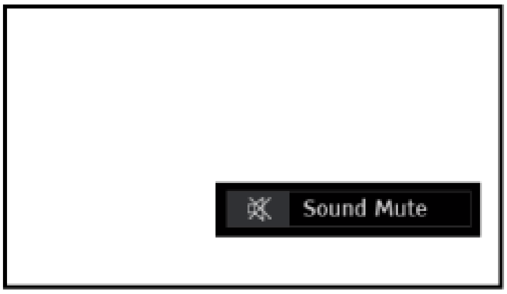
Copying Hotel Mode Options via Hotel Clone Menu

The following Hotel Mode Options can be copied to other same model TVs using USB device via Hotel Clone menu:

- OPT2
- OPT6
- OPT7
- OPT8
- VOLX
- DTV Channel Setup
- ATV Channel Setup
  - Programme (position)
  - System
  - Colour System
  - Programme Skip
  - AFT
  - Label

Saving the Hotel Mode Settings of the TV to USB device

1. Configure the hotel mode settings via Service Mode or the Hotel Mode Settings menu.
2. Enter Hotel Clone menu by following steps a - c.



a. Press button once on remote control.

↓

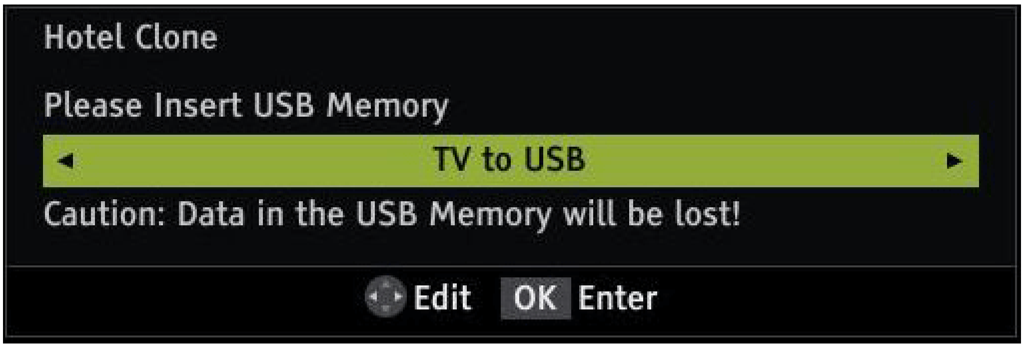
b. Press 🔇 button again and hold button down.

↓

(Hotel Clone menu display)

c. While holding the 🔇 button, press P▼ button on TV set.

3. Press ◀ or ▶ buttons to select "TV to USB".



4. Insert a USB device and press OK to copy the settings to the USB device.

5. After copy is completed successfully and the message is shown, remove the USB device.

Loading the Hotel Mode Settings from USB device to TV

1. Enter Hotel Clone menu as shown in previous section.

2. Select "USB to TV" by pressing ◀ or ▶ buttons.

3. Insert the USB device carrying the copied settings, and press OK to copy settings to the TV.

4. After the copy is completed successfully, the message is shown and the set reboots automatically.

5. Remove the USB device.

6. If the copy is not completed, an error message is shown and the set does not reboot. Repeat from step-a again, or repeat the steps of saving from TV to USB device.

LED Indications

The LEDs on the TV (at the bottom of the TV) indicate the TV's status, as described below. There are 3 LEDS (from left to right): PowerOn/Standby, OnTimer, ProgramTimer.

- PowerOn/Standby LED
  - Red ON (solid) = The TV power cord is plugged in, but TV is in Standby.
  - Green ON (solid) = The TV is turned on.
- OnTimer LED
  - Green ON (solid) = The OnTimer is set.
- ProgrammeTimer LED
  - Orange ON (solid) = The On timer is set.
  - Red ON (solid) = Programme Timer recording is operating.

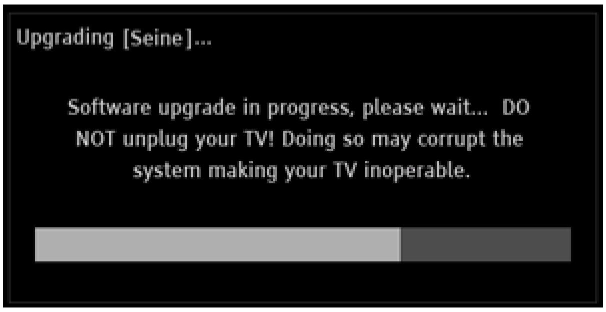
	LED Indication	Condition	Solution
1	PowerOn/Standby LED: Green blinks continuously. Other LEDs: OFF.	BUS Error	Turn the TV OFF and unplug the TV from the AC outlet. Plug the TV in the AC outlet again and turn the TV ON.
2	PowerOn/Standby LED: Red blinks continuously. Other LEDs: OFF.	Digital Board Error	Turn the TV OFF and unplug the TV from the AC outlet. Plug the TV in the AC outlet again and turn the TV ON.
3	PowerOn/Standby LED: Orange blinks continuously. Other LEDs: OFF.	Back Light Error	Turn the TV OFF and unplug the TV from the AC outlet. Plug the TV in the AC outlet again and turn the TV ON.
4	OnTimer LED: Green blinks continuously. Other LEDs: OFF.	Fan Stop Error	Turn the TV OFF and unplug the TV from the AC outlet. Plug the TV in the AC outlet again and turn the TV ON.

DTV Software Upgrade - While Watching TV

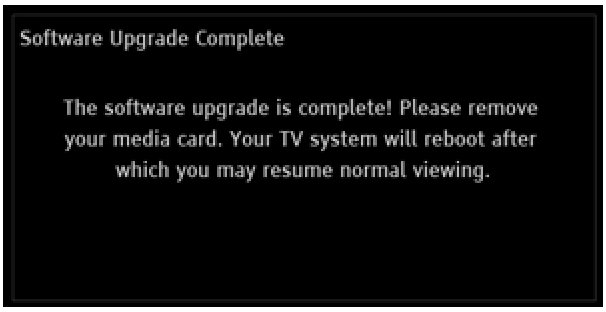
1. Extract the upgraded file onto a USB device.
2. Turn the TV ON.
3. Connect the USB device to the USB slot on the side panel.
   The following message is displayed:

4. Highlight OK and press the OK key on the remote.
5. The status is displayed during the upgrade.

Never turn off the power while upgrading.



6. When the upgrade is completed, the following message is displayed.



7. Disconnect the USB device.
8. The TV set is automatically turned off and then on.
9. After the TV is turned on, perform Factory Reset (select "Reset TV" in the Setup Menu). Then select "Yes" to confirm reset.

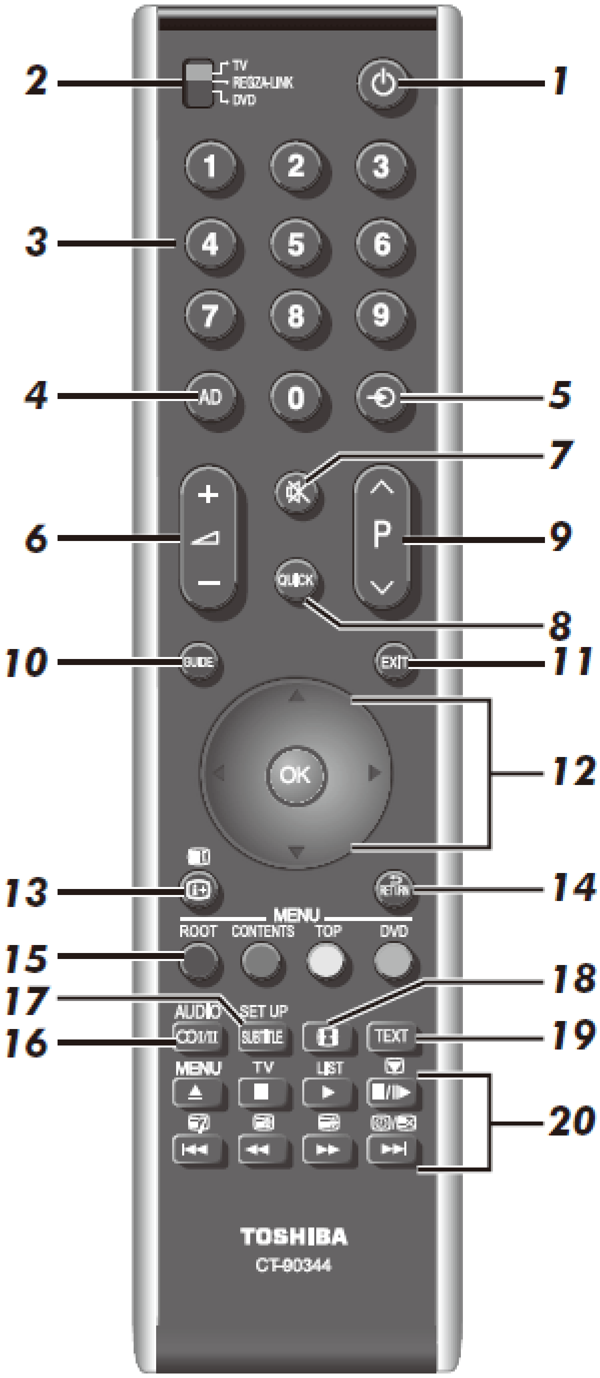
DTV Software - from Boot Up

1. Extract the upgraded file onto a USB device.
2. Unplug the TV from the AC outlet.
3. Connect the USB device to the USB slot on the side panel.
4. Press and hold the INPUT button on the TV.
5. While holding the INPUT button, plug the TV in the AC outlet and watch the LEDs on the front of the TV.
    a. After several seconds, the orange PowerOn/Standby LED and the green OnTimer LED light is on, indicating that the TV is being upgraded.
    b. Once the upgrade started, release the menu button.

6. When only the PowerOn/Standby LED is turned to green, the upgrade is completed successfully.
   If the upgrade is unsuccessful, the PowerOn/Standby LED is red.
7. Unplug the TV from the AC outlet.
8. Disconnect the USB device.
9. Plug the TV in the AC outlet.
10. After the TV is turned on, perform Factory Reset (select "Reset TV" in the Setup Menu). Then select "Yes" to confirm reset.

FUNCTION AND OPERATION

Remote Control



1 For On/Standby mode (T/R/D)*

2 To select device mode (T/R/D)

3 Number buttons (T/R/D)

4 Switch the Audio Description On/Off (T)

5 To select external input sources (T)
To select line input (R/D)

6 To alter the TV volume (T/R/D)

7 To mute the TV sound (T/R/D)

8 To access Quick Menu (T)

9 To change programme positions (T/R)
To change text pages (T)

10 To display the digital on-screen Programme Guide (T)

11 To exit menus (T)

12 When using menus, the arrows move the cursor on the screen up, down, left or right. Press OK to confirm your selection (T/R/D)

13 To display on-screen information (T/R/D)
To access index page in Text mode (T)

14 To return to previous menu (T/R/D)

15 **Colour buttons** Text and interactive service control buttons (T)

ROOT	To display Root menu (R)
CONTENTS	To display Contents menu (R)
TOP	To access Top Menu (R/D)
DVD	DVD menus (R/D)

16 ⚭I/II Stereo/bilingual transmissions (T)
AUDIO To access Audio menu (R/D)

17 **SUBTITLE** Digital Subtitles or Analogue TEXT Subtitle pages if available (T)
SET UP To access Setup menu (R/D)

18 Widescreen viewing (T/R/D)

19 To call up text services (T)

20 When in TV mode:

MENU	On-screen menus
TV	To switch between ATV (analogue television) and DTV (digital television)
LIST	To access the analogue or digital Channel List
▼	Picture still
⌚/≡✕	Analogue time display

When in Text mode:

≡?	To reveal concealed text
≡⧗	To hold a wanted page
≡⇕	To enlarge text display size
⌚/≡✕	To select a page whilst viewing a normal picture

When using the Programme Guide:

⏮	- 24 hours
⏭	+ 24 hours
◀◀	- 1 page
▶▶	+ 1 page

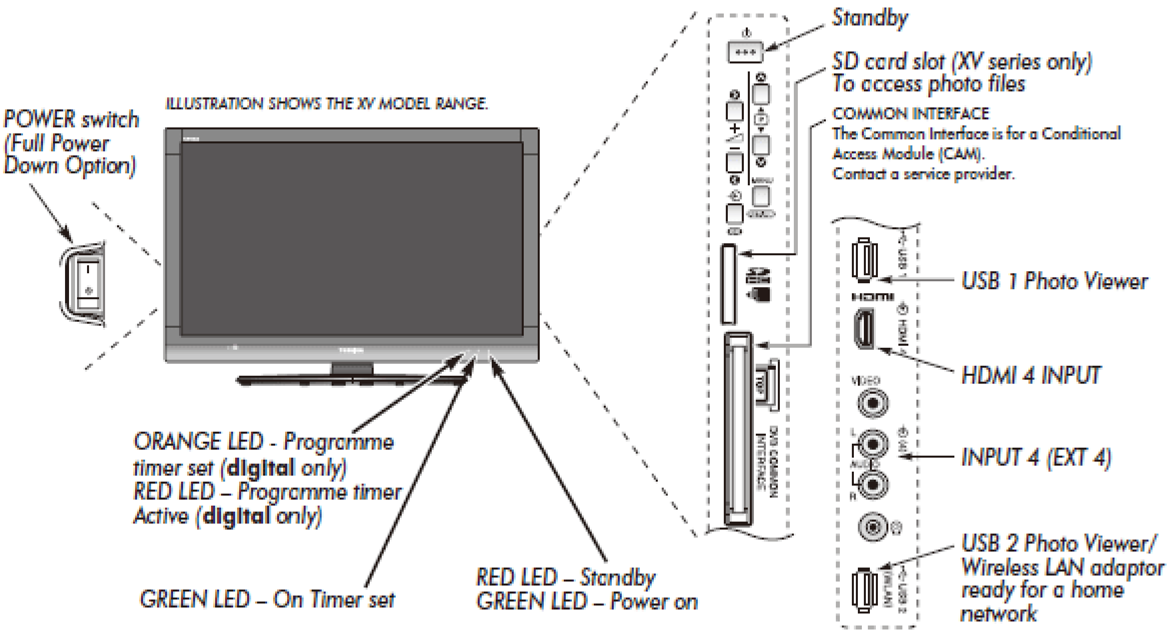
REGZA-LINK or DVD mode:

press ⏏ to EJECT
press ■ to STOP
press ▶ to PLAY
press ❚❚/❚❚▶ to PAUSE/STEP
press ⏮ to SKIP-BACK
press ◀◀ to REWIND
press ▶▶ to FAST FORWARD
press ⏭ to SKIP-FORWARD

* T=TV mode, R=REGZA-LINK mode, D=DVD mode

FUNCTION AND OPERATION

TV Front and Side Panel Controls



FUNCTION AND OPERATION

Tuning the Television for the First Time

Before switching on the television, put your decoder and media recorder, if applicable, to **Standby**. To set up the television, use the buttons on the remote control.

1 Press the ⏻ button. The **Menu Language** screen will appear. This screen will appear the first time that the television is switched on and each time **Reset TV** is selected.

2 Press ▲, ▼, ◀, or ▶ to select the menu language, and then press OK.

3 Highlight **Country** and ◀ or ▶ to select. The television is now set to tune the stations for your country.

Quick Setup	
Country	◀ Germany ▶
Primary Subtitle Language	English
Secondary Subtitle Language	English
Primary Audio Language	English
Secondary Audio Language	English

NOTE:
- The following display menus will differ slightly according to the country you selected.
- If there is not a country that you want to select in the list or you want to view DTV programmes but **DTV** is not selectable, select **Others**.

4 Press OK, and the **Location** screen will appear.

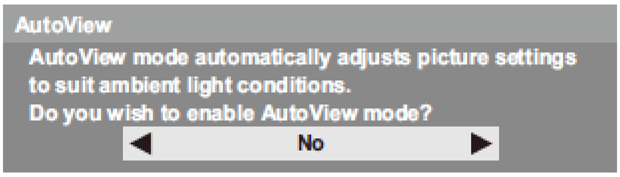
Location
To use the TV for displaying in a store showroom, please select [Store]. [Home] mode is recommended for normal use.
◀ Home ▶

5 Press ◀ or ▶ to select **Home** or **Store**. For normal home use, select **Home**.

6 Press OK, and the **TV Mounting** screen will appear (XV series only), press ◀ or ▶ to select **Stand** or **Wall**.

TV Mounting
If you are mounting the TV on a wall please select [Wall]. [Stand] is recommended for other uses.
This setting may be modified later under Sound Navi in the SOUND menu.
◀ Stand ▶

7 Press (OK), and the **AutoView** screen will appear, press ◀ or ▶ to select **Yes** or **No**.

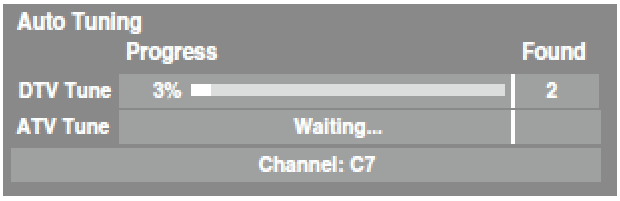


8 Select **Next** and press (OK). The **Auto Tuning** start up screen will appear with the option to select between **DTV and ATV**, **DTV** or **ATV** if available. Use ◀ or ▶ to select the appropriate mode.

9 Press ▼ or ▲ to highlight **Start Scan**, and then press (OK).

The television will start to search for available **DTV** and/or **ATV** channels. The progress bar will indicate the scan status.

You must allow the television to complete the search.



When the search is complete, the television will automatically select position one.

The **Auto Tuning** screen will display the total number of services found.

10 Press ◀ or ▶ to view the **DTV** (digital channel) or **ATV** (analogue channel) lists.

11 Use ▼ or ▲ to move through the list to select a channel, and then press (OK) to view.

In **ATV** mode, some areas may receive duplicate stations. There may not be a clear picture or the signal may be weak, so the station order can be changed using **ATV Manual Tuning**.

REMEMBER: Press **TV** at any time to select between **ATV** and **DTV** (DTV TV/DTV RADIO/DTV TEXT if available) modes.

NOTE: The time will be set automatically by transmission but can be advanced or decreased by using **Local Time Setting** in the **DTV Settings** screen.

SAFETY INSTRUCTION

Handling the LCD Module

Safety Precaution

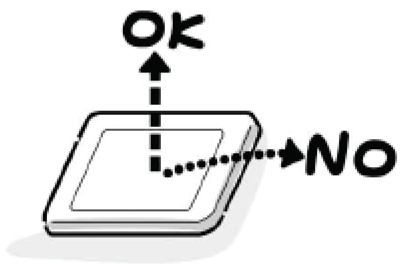
In the event that the screen is damaged or the liquid crystal (fluid) leaks, do not breathe in or drink this fluid.
Also, never touch this fluid. Such actions could cause toxicity or skin irritation. If this fluid should enter the mouth, rinse the mouth thoroughly with water. If the fluid should contact the skin or clothing, wipe off with alcohol, etc., and rinse thoroughly with water. If the fluid should enter the eyes, immediately rinse the eyes thoroughly with running water.

Precautions for Handling the LCD Module

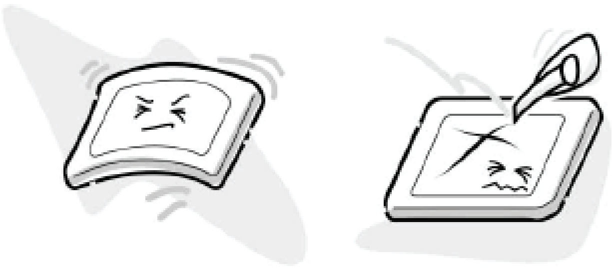
CAUTION: The metal edges of the LCD module are sharp, handle it with care.

The LCD module can easily be damaged during disassembly or reassembly; therefore, always observe the following precautions when handling the module.

1. When attaching the LCD module to the LCD cover, position it appropriately and fasten at the position where the display can be viewed most conveniently.



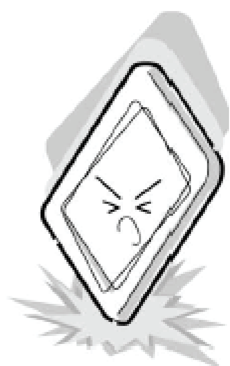
2. Carefully align the holes at all four corners of the LCD module with the corresponding holes in the LCD cover and fasten with screws. Do not strongly push on the module because any impact can adversely affect the performance. Also use caution when handling the polarized screen because it can easily be damaged.



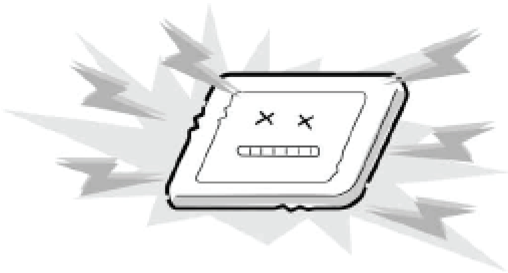
3. If the panel surface becomes soiled, wipe with cotton or a soft cloth. If this does not remove the soiling, breathe on the surface and then wipe again.
   If the panel surface is extremely solied, use a CRT cleaner as a cleaner. Wipe off the panel surface by drop the cleaner on the cloth. Do not drop the cleaner on the panel.
   Pay attention not to scratch the panel surface.

4. Leaving water or other fluids on the panel screen for an extended period of time can result in discoloration or stripes. Immediately remove any type of fluid from the screen.

5. Glass is used in the panel, so do not drop or strike with hard objects. Such actions can damage the panel.



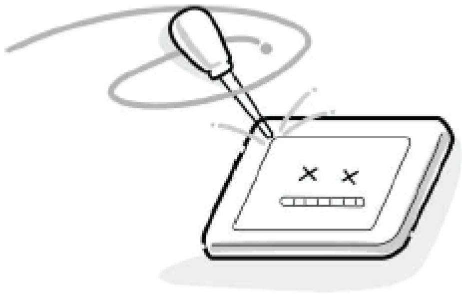
6. CMOS-LSI circuitry is used in the LCD module, so avoid damage due to static electricity. When handling the module, use a wrist ground or anchor ground.



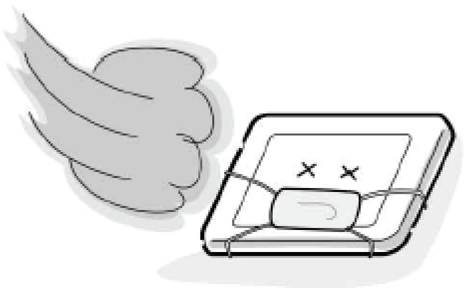
7. Do not expose the LCD module to direct sunlight or strong ultraviolet rays for an extended period of time.

8. Do not store the LCD module below the temperature conditions described in the specifications. Failure to do so could result in freezing of the liquid crystal due to cold air or loss of resilience or other damage.

9. Do not disassemble the LCD module. Such actions could result in improper operation.



10. When transporting the LCD module, do not use packing containing epoxy resin (amine) or silicon resin (alcohol or oxim). The gas generated by these materials can cause loss of polarity.



PANEL IDENTIFICATION

Panel Identification

If the several panels are alternatively used in the same model without amending the model name, the identification marking will be shown at the last digit of the set serial number on the specification label on the back cover.

In servicing, do not alter the panel because several setting and parts are different.

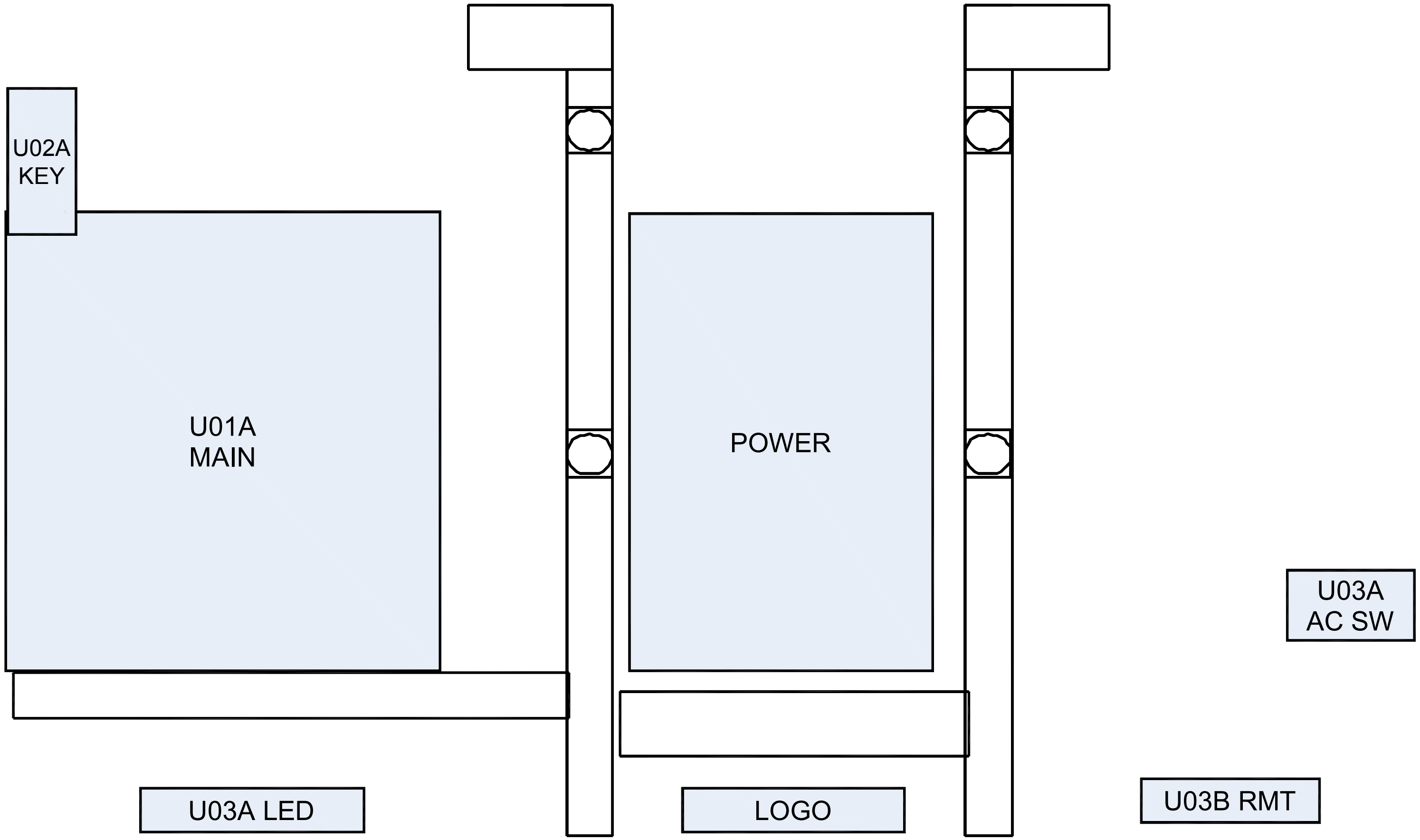
Marking	Panel Vendor	Marking	Panel Vendor	Marking	Panel Vendor
A	AUO	J		S	SHARP
B		K	SAMSUNG	T	
C	CMO	L	LGD	U	
D		M		V	
E		N		W	
F		P		X	
G		Q		Y	
H	IPS	R		Z	

With this alternative use, some of key parts may differ and their combinations are indicated with the suffix marking on the location number in the part list (Miscellaneous).

e.g.

Location No.	Part No.	Description
B001A	75XXXXXX	LCD Panel, 32" LGD
B001B	75XXXXXX	LCD Panel, 32" AUO
MZ01A	75XXXXXX	LDVS Cable for 32" LGD Panel
MZ01B	75XXXXXX	LDVS Cable for 32" AUO Panel

Please refer to the Parts List for correct part numbers.


U02A
KEY
U01A
MAIN
POWER
U03A
AC SW
U03A LED
LOGO
U03B RMT

SAFETY INSTRUCTION

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW.

Safety Precaution

WARNING: SERVICING SHOULD NOT BE ATTEMPTED BY ANYONE UNFAMILIAR WITH THE NECESSARY PRECAUTIONS ON THIS RECEIVER. THE FOLLOWING ARE THE NECESSARY PRECAUTIONS TO BE OBSERVED BEFORE SERVICING THIS CHASSIS.

1. An isolation transformer should be connected in the power line between the receiver and the AC line before any service is performed on the receiver.

2. Always disconnect the power plug before any disassembling of the product. It may result in electrical shock.

3. When replacing a chassis in the cabinet, always be certain that all the protective devices are put back in place, such as nonmetallic control knobs, insulating covers, shields, isolation resistor-capacitor network, etc.

4. Always keep tools, components of the product, etc away from the children, These items may cause injury to children.

5. Depending on the model, use an isolation transformer or wear suitable gloves when servicing with the power on, and disconnect the power plug to avoid electrical shock when replacing parts. In some cases, alternating current is also impressed in the chassis, so electrical shock is possible if the chassis is contacted with the power on.

6. Always use the replacement parts specified for the particular model when making repairs. The parts used in products require special safety characteristics such as

inflammability, voltage resistance, etc. therefore, use only replacement parts that have these same characteristics. Use only the specified parts when the ⚠ mark is indicated in the circuit diagram or parts list.

7. Parts mounting and routing dressing of wirings should be the same as that used originally. For safety purposes, insulating materials such as isolation tube or tape are sometimes used and printed circuit boards are sometimes mounted floating. Also make sure that wirings is routed and clamped to avoid parts that generate heat and which use high voltage. Always follow the manufactured wiring routes / dressings.

8. Always ensure that all internal wirings are in accordance before re-assembling the external casing after a repairing completed. Do not allow internal wiring to be pinched by cabinets, panels, etc. Any error in reassembly or wiring can result in electrical leakage, flame, etc., and may be hazardous.

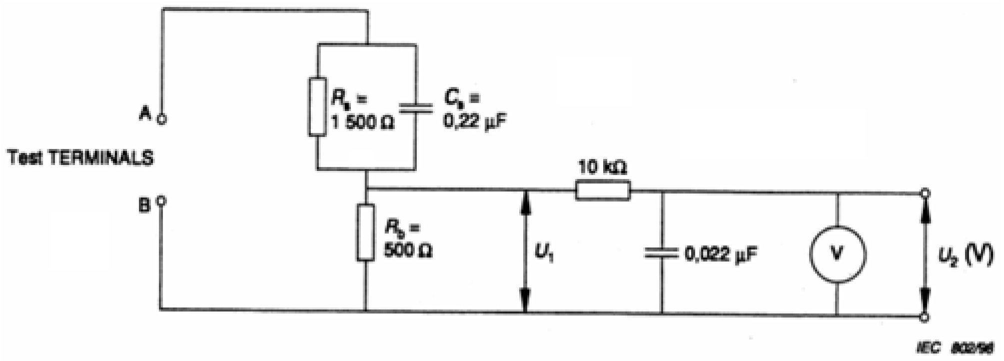
9. NEVER remodel the product in any way. Remodeling can result in improper operation, malfunction, or electrical leakage and flame, which may be hazardous.

10. Touch current check. (After completing the work, measure touch current to prevent an electric shock.)

    - Plug the AC cord directly into the AC outlet. Do NOT use an isolation transformer for this check.
    - Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe.

Annex D
(normative)

Measuring network for TOUCH CURRENTS



Resistance values in orms (Ω).

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance : ≥ 1 MΩ
Input capacitance : ≤ 200 pF
Frequency range : 15 Hz to 1 MHz and d.c. respectively

Note: Appropriate measures should be taken to obtain the correct value in case of non sinusoidal waveforms.

The measuring instrument is calibrated by comparing the frequency factor of U_2 with the solid line in figure F.2 of IEC 60990 at various frequencies. A calibration curve is constructed showing the deviation of U_2 from the ideal curve as a function of frequency.

TOUCH CURRENT = U_2/500 (peak value).

- The potential at any point (TOUCH CURRENT) expressed as voltage U_1 and U_2 does not exceed the following value:

The part or contact of a TERMINAL is not HAZARDOUS LIVE if:

a) The open-circuit voltage should not exceed 35 V (peak) a.c. or 60 V d.c. or, if a) is not met.
b) The measurement of the TOUCH CURRENT shall be carried out in accordance with IEC 60990, with the measuring network described in **Annex D** of this standard.

The TOUCH CURRENT expressed as voltages U_1 and U_2, does not exceed the following values:
- for a.c. : U_1 = 35 V (peak) and U_2 = 0.35 V (peak);
- for d.c. : U_1 = 1.0 V

Note: The limit values of U_2 = 0.35 V (peak) for a.c. and U_1 = 1.0 V for d.c. correspond to the values 0.7 mA (peak) a.c. and 2.0 mA d.c.

Product Safety Notice

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the international hazard symbols on the schematic diagram and the parts list.
Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create electrical shock, fire, or other hazards.

SPECIFICATION

DVB-T Broadcast systems/channels		**Broadcast systems/channels**	
UK	UHF 21-68	PAL-I	UHF UK21-UK69
France	VHF 05-10 (VHF 01-05) UHF 21-69	PAL-B/G	UHF E21-E69 VHF E2-E12, S1-S41
Germany	VHF 05-12 UHF 21-69	SECAM-L	UHF F21-F69 VHF F1-F10, B-Q
Austria	VHF 05-12 UHF 21-69	SECAM-D/K	UHF R21-R69 VHF R1-R12
Switzerland	VHF 05-12 UHF 21-69		
Italy	VHF 05-12 (D,E,F,G,H,H1,H2) UHF 21-69		
Spain	UHF 21-69		
Nederlands	VHF 05-12 UHF 21-69		
Greece	VHF 05-12 UHF 21-69		
Video Input	PAL, SECAM, NTSC 3.58/4.43		

External connections

EXT 1	Input	21-pin SCART	RGB, A/V
EXT 2	Input	21-pin SCART	A/V, S-video
EXT 3	Input	Phono jacks Phono jacks	Y, P_B/C_B, P_R/C_R Audio L + R
EXT 4	Input (Side)	Phono jack Phono jacks	Video Audio L + R
HDMI 1/2/3	Input	HDMI® (Audio LIP SYNC, INSTAPORT™, RGB Range supported)	
HDMI 4	Input (Side)	HDMI® (Audio LIP SYNC, INSTAPORT™, RGB Range supported)	
PC	Input	Mini D-sub 15-pin Analog RGB signal	
PC/HDMI 1 Audio		3.5mm mini jack	Audio
Digital Audio Output (S/PDIF)		Optical	
Output to Active Super Woofer		Phono jack	
Variable Audio Output		Phono jacks	Audio L + R
LAN port		RJ-45	
USB port		Interface version: USB 2.0 USB class: Mass Storage File system: FAT12, FAT16 and FAT32 Wireless LAN adaptor ready for a home network, IEEE802.11a/b/g/n compatible (Using USB 2 port is recommended.)	
SD card slot (XV series only)		Interface version: SD (up to 2GB) SDHC (4-32GB) File system: FAT12, FAT16 and FAT32	

Stereo		Nicam 2 carrier system	
Visible Screen Size (approx.)	Model	32 37 40 46	80cm 94cm 102cm 117cm
Display		16:9	
Sound output (at 10% distortion)		Main 10W + 10W	
Power consumption (approx.)	Model	32RV 37RV 40RV 32XV 37XV 40XV 46XV	114W 143W 145W 114W 131W 143W 169W

Annual power consumption* (approx.)	32RV 37RV 40RV	132.4kWh 168.3kWh 168.5kWh	32XV 37XV 40XV 46XV	131.8kWh 161.3kWh 168.5kWh 230.8kWh
On mode power consumption** (approx.)	32RV 37RV 40RV	89.7W 115W 115W	32XV 37XV 40XV 46XV	89.7W 112W 115W 158W
Standby power consumption (approx.)		0.20W		
Off mode power consumption (approx.)		<0.01W		

* Operating 4 hours a day and 365 days a year.

** Tested in accordance with IEC 62087-BD Ed. 2.0:2008.

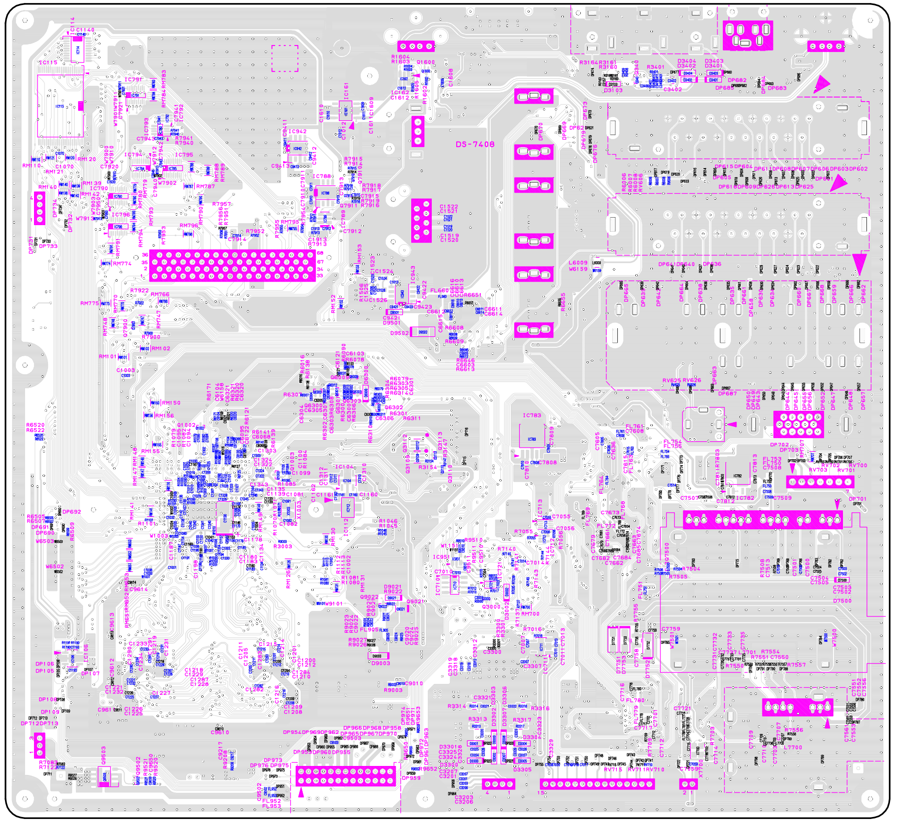
Dimensions (approx.)	Model	32 37 40 46	58cm (H) 65cm (H) 68cm (H) 76cm (H)	79cm (W) 90cm (W) 98cm (W) 111cm (W)	29cm (D) 29cm (D) 33cm (D) 33cm (D)

(Height dimension includes foot stand)

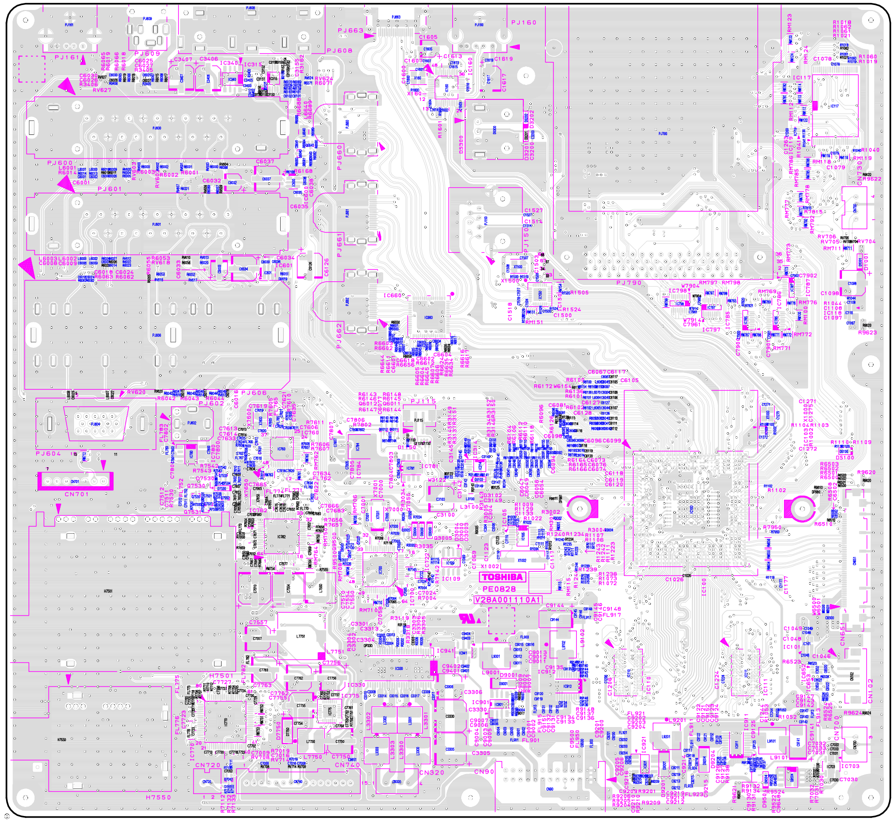
Weight (approx.)	Model	32RV 37RV 40RV	13.5kg 16.0kg 18.5kg	32XV 37XV 40XV 46XV	14.0kg 17.5kg 19.0kg 23.5kg

Headphone socket	3.5mm stereo
Operating condition	Temperature 5°C - 35°C (41°F - 94°F) Humidity 20 - 80% (non-condensing)
Supplied accessories	Remote control 2 batteries (AAA, IEC R03 1.5V) 'P' Clip Cleaning cloth (to clean the cabinet and control panel)
Optional accessories	TOSHIBA Dual Band WLAN Adaptor, WLM-10U2

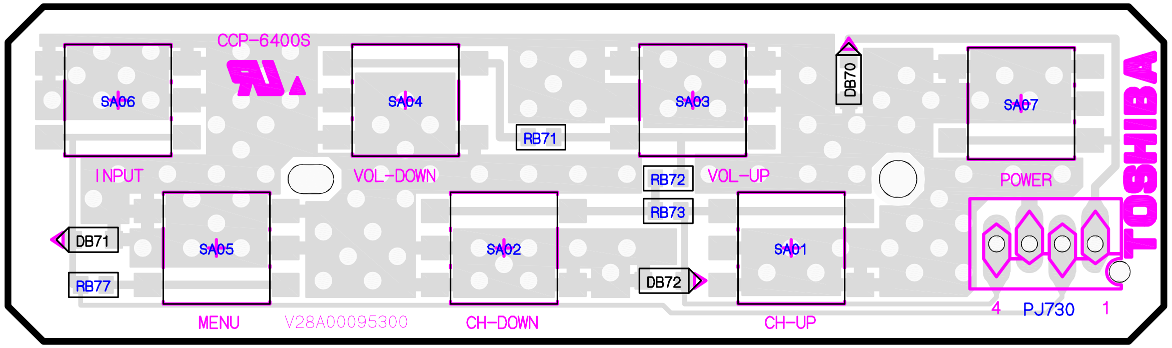
U01AS MAIN [Bottom] (PE0828)



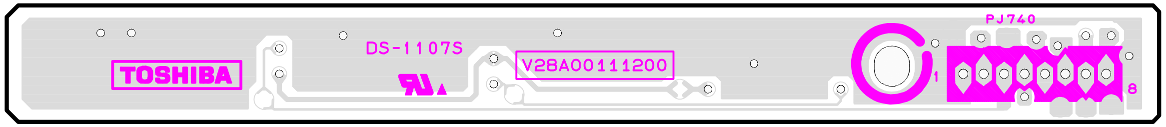
U01AS MAIN [Top] (PE0828)



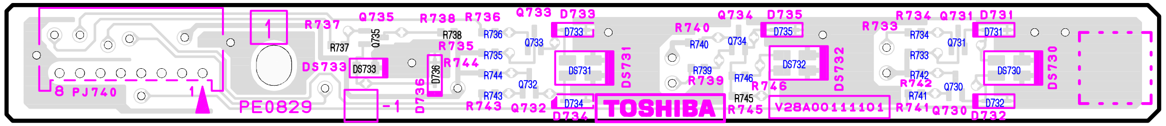
U02A KEY [Bottom] (PE0720)



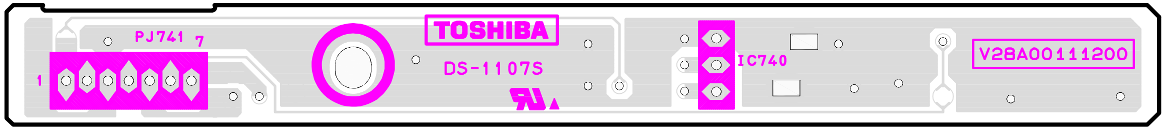
U03A LED [Bottom] (PE0829)



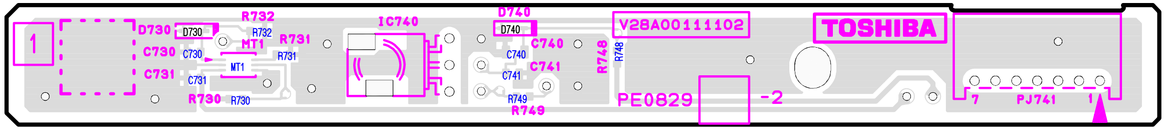
U03A LED [Top] (PE0829)



U03B RMT [Bottom] (PE0829)



U03B RMT [Top] (PE0829)



SCHEMATIC DIAGRAM

Precaution

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION" FOR DIRECT VIEW CTV ONLY, "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" OF THIS MANUAL.

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the SAFETY PRECAUTION and PRODUCT SAFETY NOTICE.

Do not degrade the safety of the receiver through improper servicing.

Note:

1. RESISTOR
   Resistance is shown in ohm [K=1,000, M=1,000,000]. All resistors are 1/6 W and 5 % tolerance carbon resistor, unless otherwise noted as the following marks.

   1/2R : Metal or Metal oxide of 1/2 watt
   1/2S : Carbon composition of 1/2 watt
   1RF : Fuse resistor of 1 watt
   10 W : Cement of 10 watt
   K : ±10 %
   G : ±2 %
   F : ±1 %

2. CAPACITOR
   Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in μF, and the values more than 1 in pF.
   All capacitors are ceramic 50 V, unless otherwise noted as the following marks.

$\stackrel{+}{\dashv}\vdash$ = Electrolytic capacitor

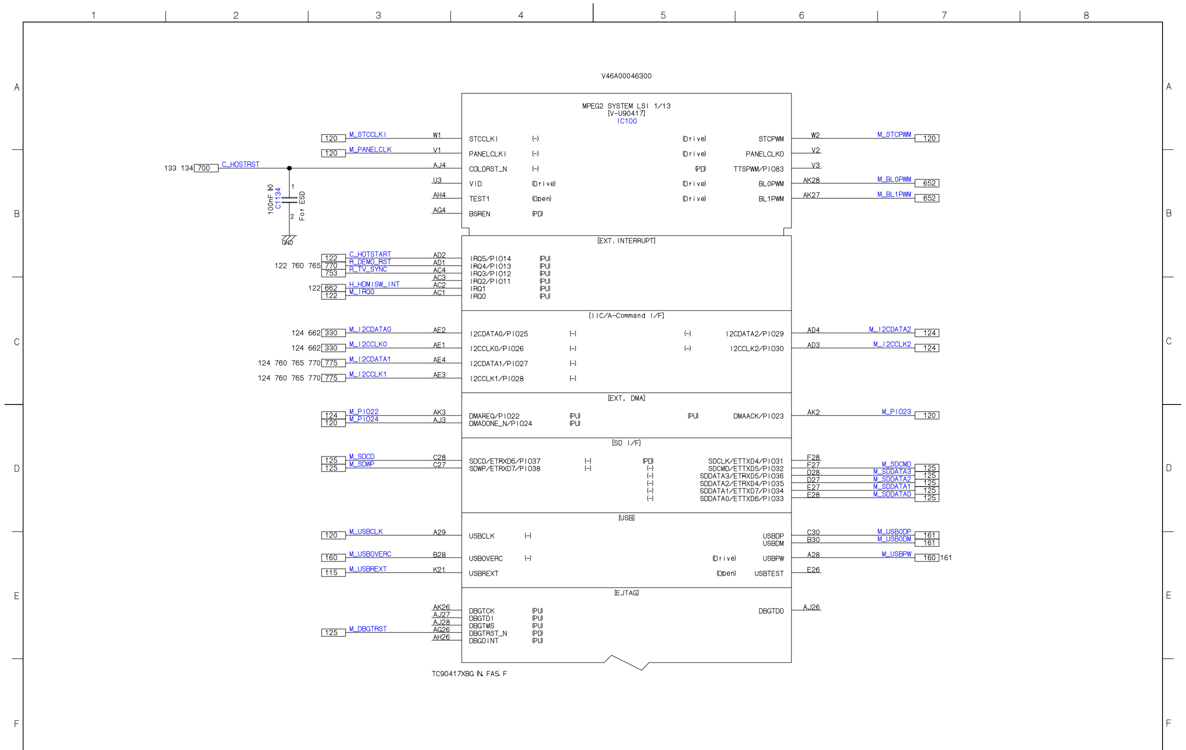
Ⓜ$\dashv\vdash$ = Mylar capacitor

3. The parts indicated with "⚠" have special characteristics, and should be replaced with identical parts only.

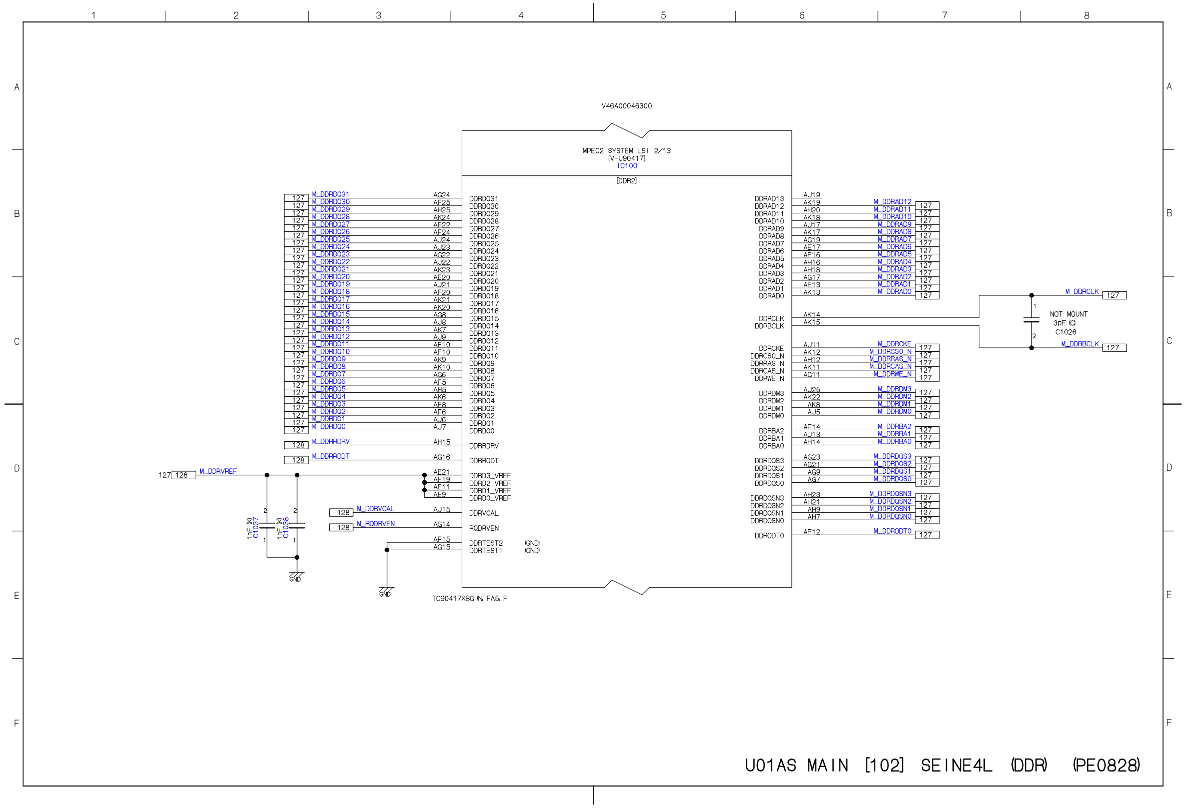
4. Voltages read with DIGITAL MULTI-METER from point indicated to chassis ground, using a color bar signal with all controls at normal, line voltage at nominal AC volts.

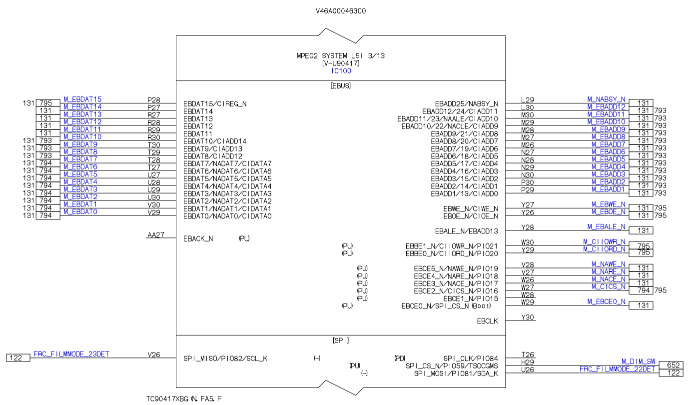
5. Waveforms are taken receiving color bar signal with enough sensitivity.

6. Voltage reading shown are nominal values and may vary ±20 % except H.V.

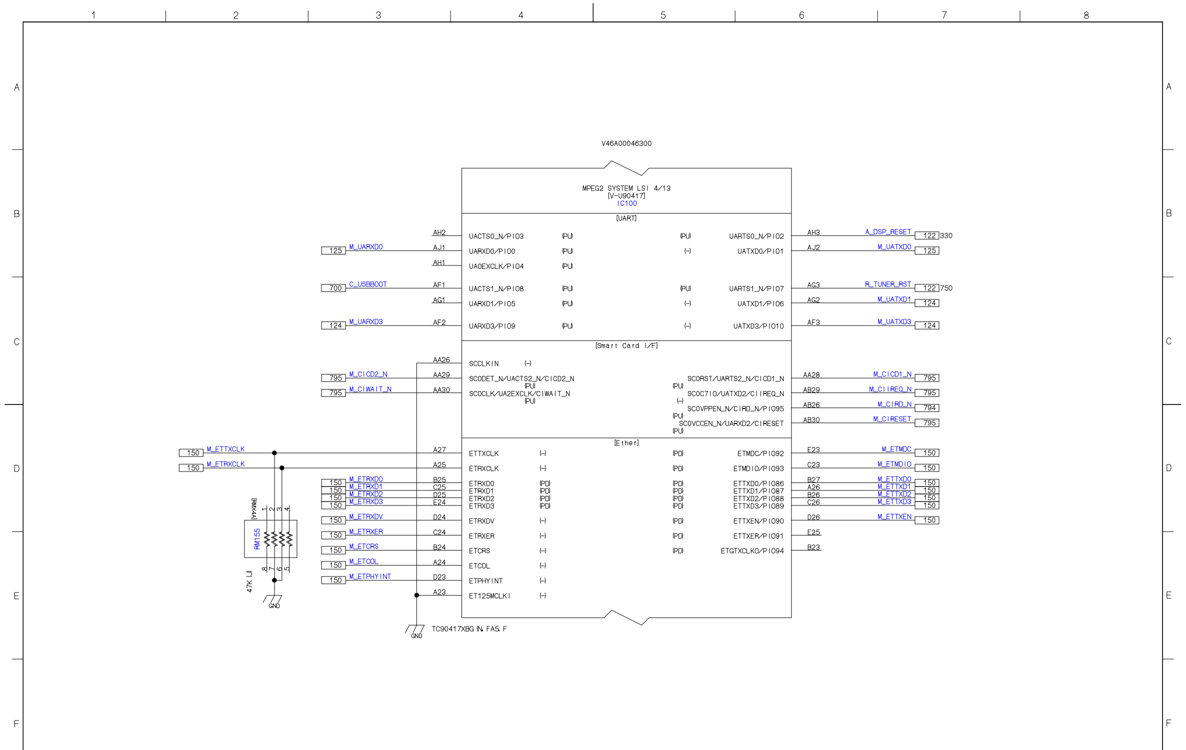


U01AS MAIN [101] SEINE4L (I2C, SD, USB, JTAG)

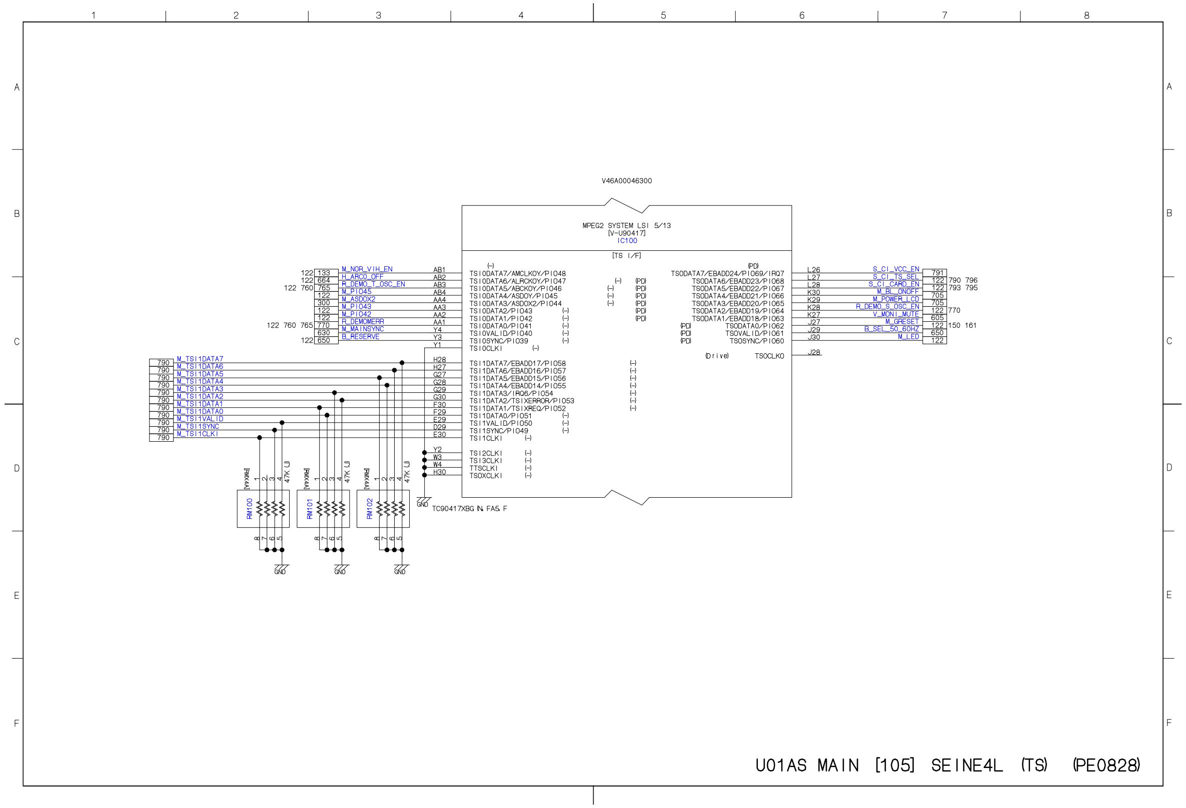

V46A00046300
MPEG2 SYSTEM LSI 2/13
[V-U90417]
IC100
[DDR2]
NOT MOUNT
C1026
M_DDRCLK
M_DDRBCLK
M_DDRVREF
M_DDRVCAL
M_RQDRVEN
GND
TC90417XBG IN FAS, F
U01AS MAIN [102] SEINE4L (DDR) (PE0828)



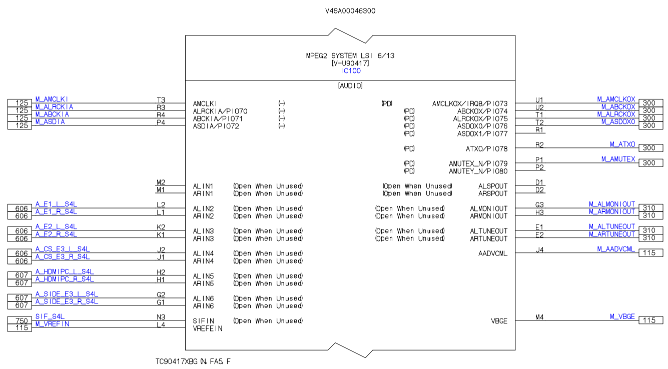
U01AS MAIN [103] SEINE4L (EBUS, SPI) (PE0828)



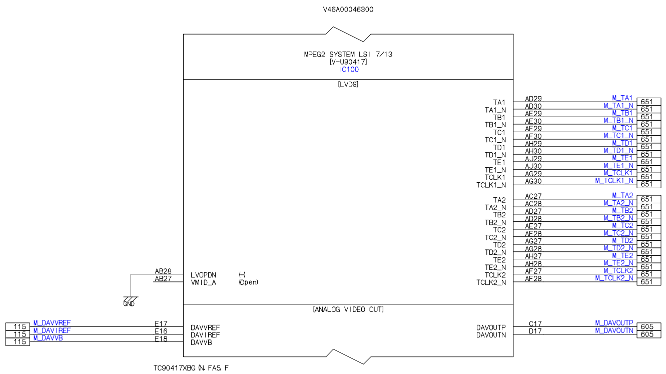
U01AS MAIN [104] SEINE4L (UART, ETHER) (PE0828)



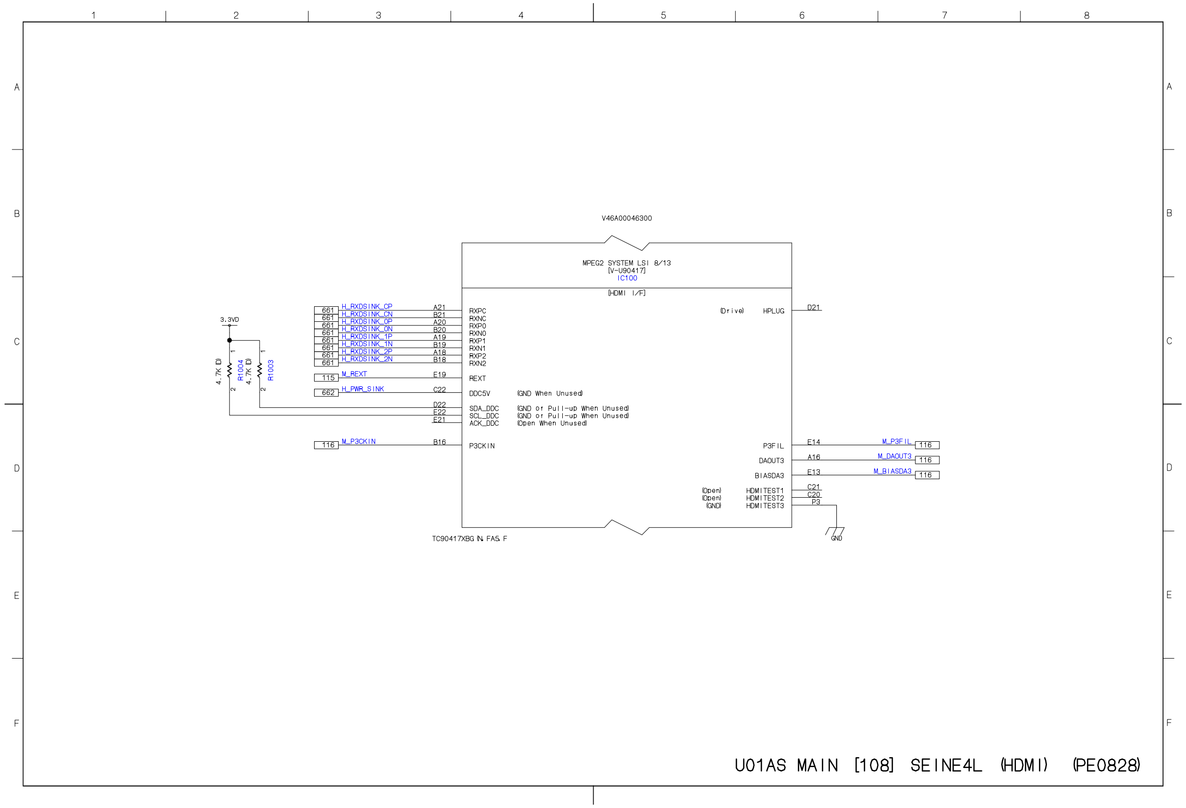
U01AS MAIN [105] SEINE4L (TS) (PE0828)



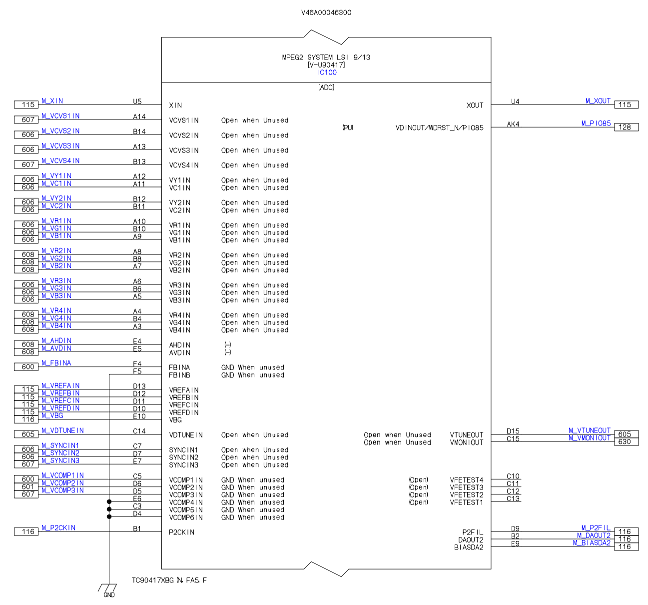
U01AS MAIN [106] SEINE4L (AUDIO) (PE0828)



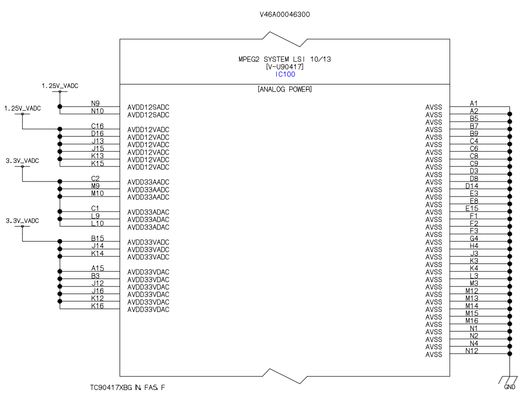
U01AS MAIN [107] SEINE4L (LVDS, VIDEO OUT) (PE0828)



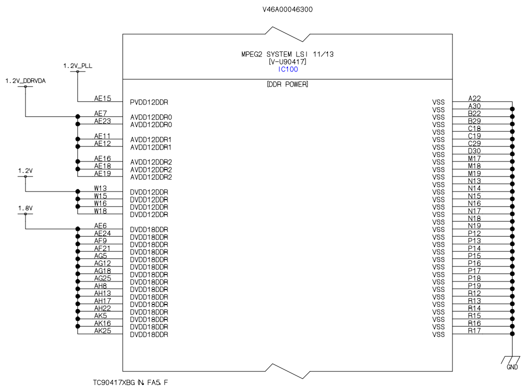
V46A00046300
MPEG2 SYSTEM LSI 8/13
[V-U90417]
IC100
[HDMI I/F]
3.3VD
4.7K (D)
R1004
4.7K (D)
R1003
661 H_RXDSINK_CP A21 RXPC
661 H_RXDSINK_CN B21 RXNC
661 H_RXDSINK_0P A20 RXP0
661 H_RXDSINK_0N B20 RXN0
661 H_RXDSINK_1P A19 RXP1
661 H_RXDSINK_1N B19 RXN1
661 H_RXDSINK_2P A18 RXP2
661 H_RXDSINK_2N B18 RXN2
115 M_REXT E19 REXT
662 H_PWR_SINK C22 DDC5V (GND When Unused)
D22 SDA_DDC (GND or Pull-up When Unused)
E22 SCL_DDC (GND or Pull-up When Unused)
E21 ACK_DDC (Open When Unused)
116 M_P3CKIN B16 P3CKIN
(Drive) HPLUG D21
P3FIL E14 M_P3FIL 116
DAOUT3 A16 M_DAOUT3 116
BIASDA3 E13 M_BIASDA3 116
(Open) HDMITEST1 C21
(Open) HDMITEST2 C20
(GND) HDMITEST3 P3
GND
TC90417XBG (N, FA5, F
U01AS MAIN [108] SEINE4L (HDMI) (PE0828)



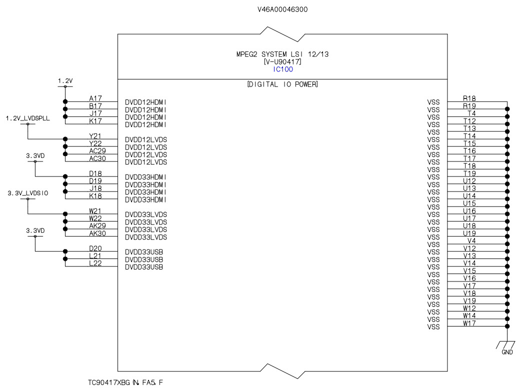
U01AS MAIN [109] SEINE4L (ADC) (PE0828)



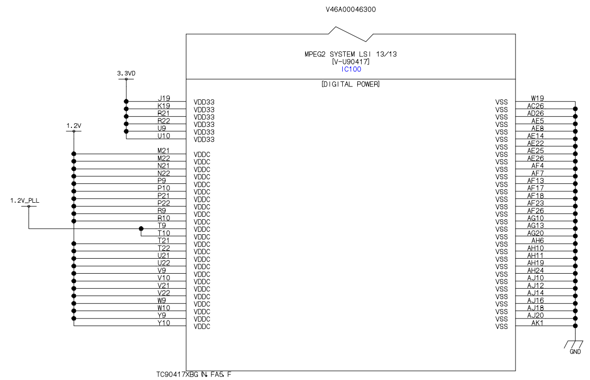
U01AS MAIN [110] SEINE4L (ANALOG POWER) (PE0828)



U01AS MAIN [111] SEINE4L (DDR POWER) (PE0828)

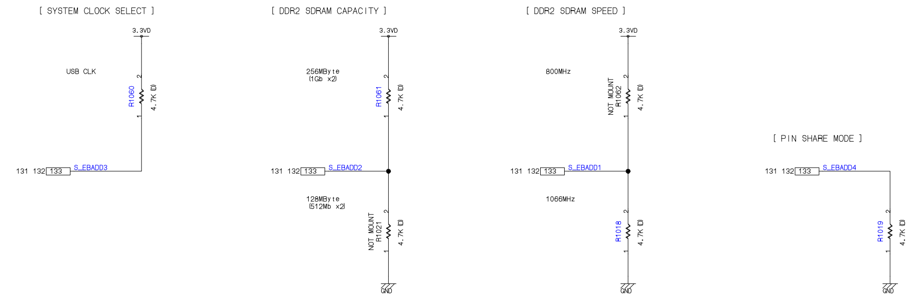


U01AS MAIN [112] SEINE4L (DIGITAL IO POWER) (PE0828)



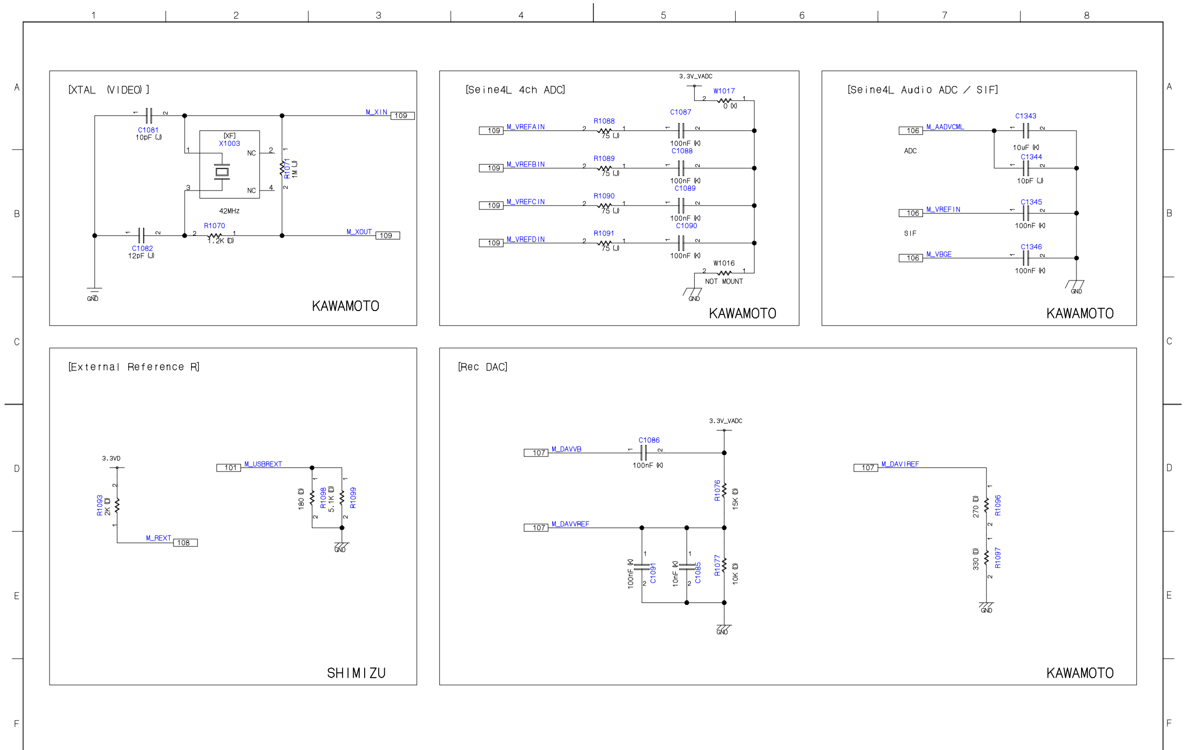
U01AS MAIN [113] SEINE4L (DIGITAL POWER) (PE0828)

U01AS MAIN [114] SEINE4L BOOT-CONFIG (PE0828)

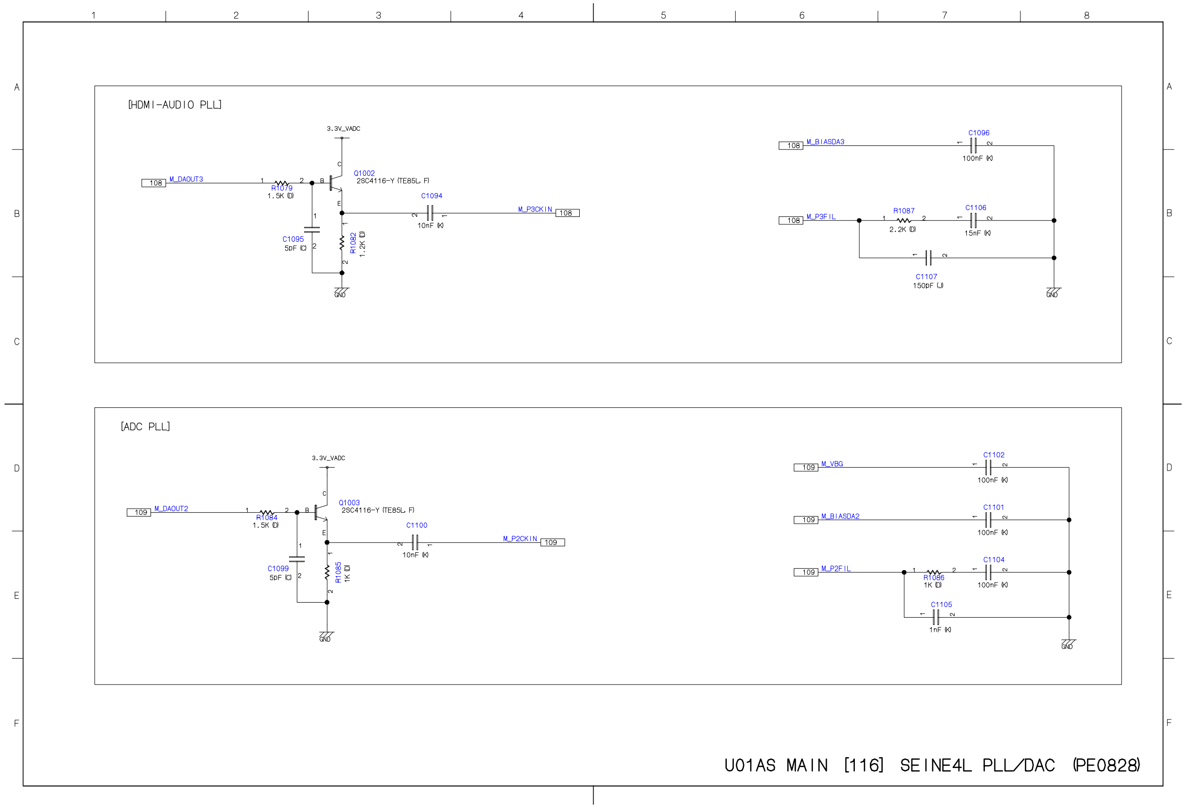


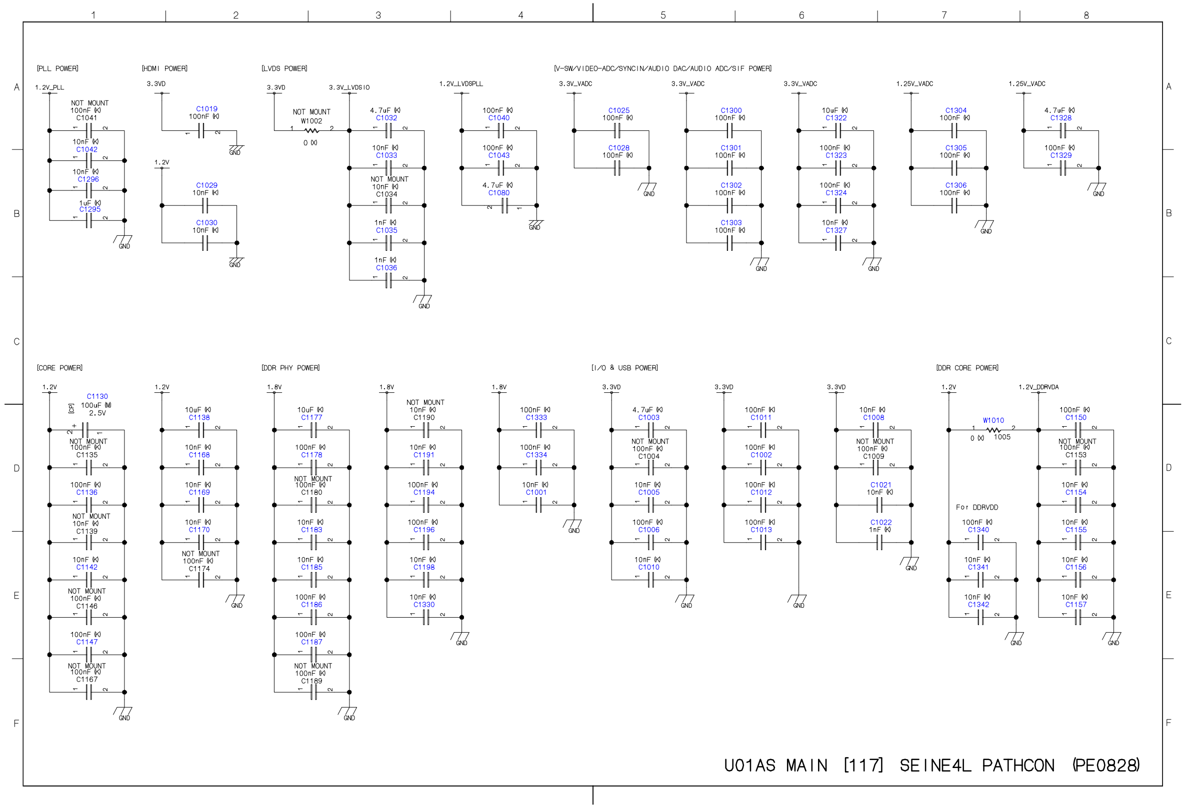
EBADD1, 2, 3, 4 need pull up/down R because there is no internal registor.

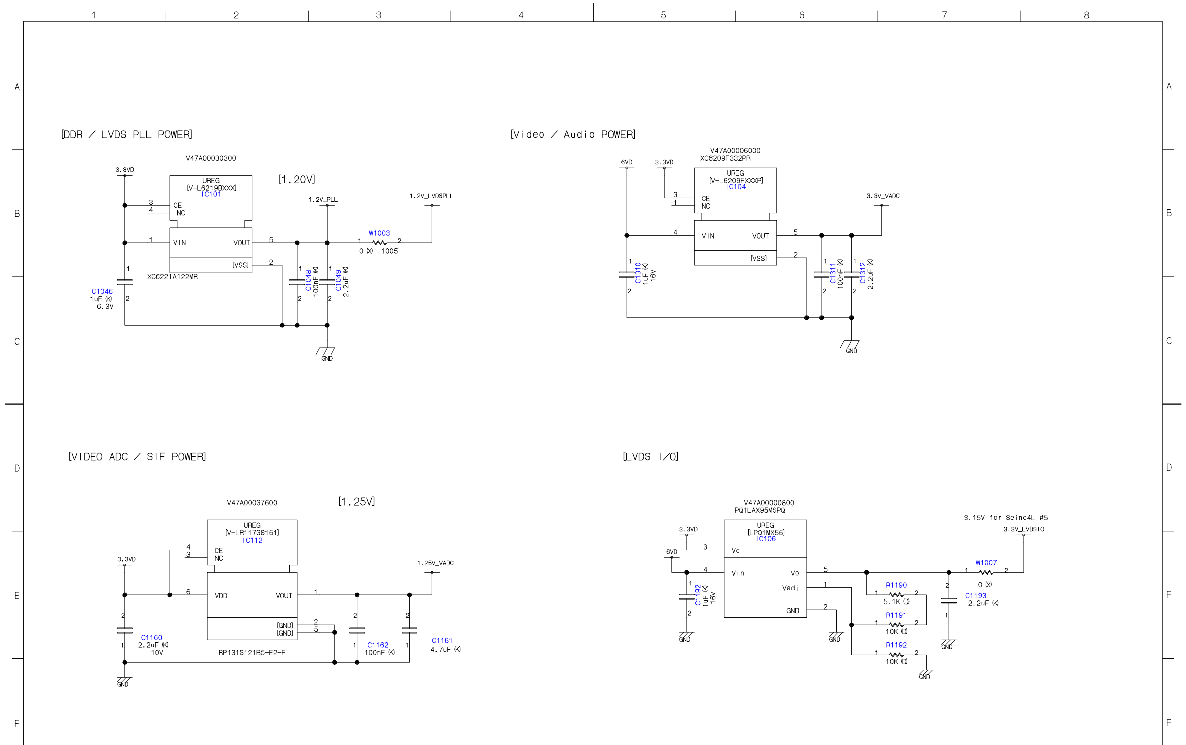
PIN	FUNCTION	Def	SETTING	MEANING
EBADD[11:10]	SPI Memory Size	LL	LL	16MByte
			(LH)	8MByte
			(HL)	4MByte
			(HH)	64kByte
EBADD9	Boot Device	H	H	Ebus Ch0
			(L)	SPI
EBADD[5:4]	Pin Share Mode	Lx	LL	Normal
			(LH)	All Address
			(HL)	SPI
EBADD3	System CLK Source	x	H	USB CLK
			(L)	STC CLK
EBADD2	DDR2 SDRAM CAPACITY	x	H	256MByte
			(L)	128MByte
EBADD[1]	DDR2 - SPEED	x	(H)	800MHz
			L	1066MHz



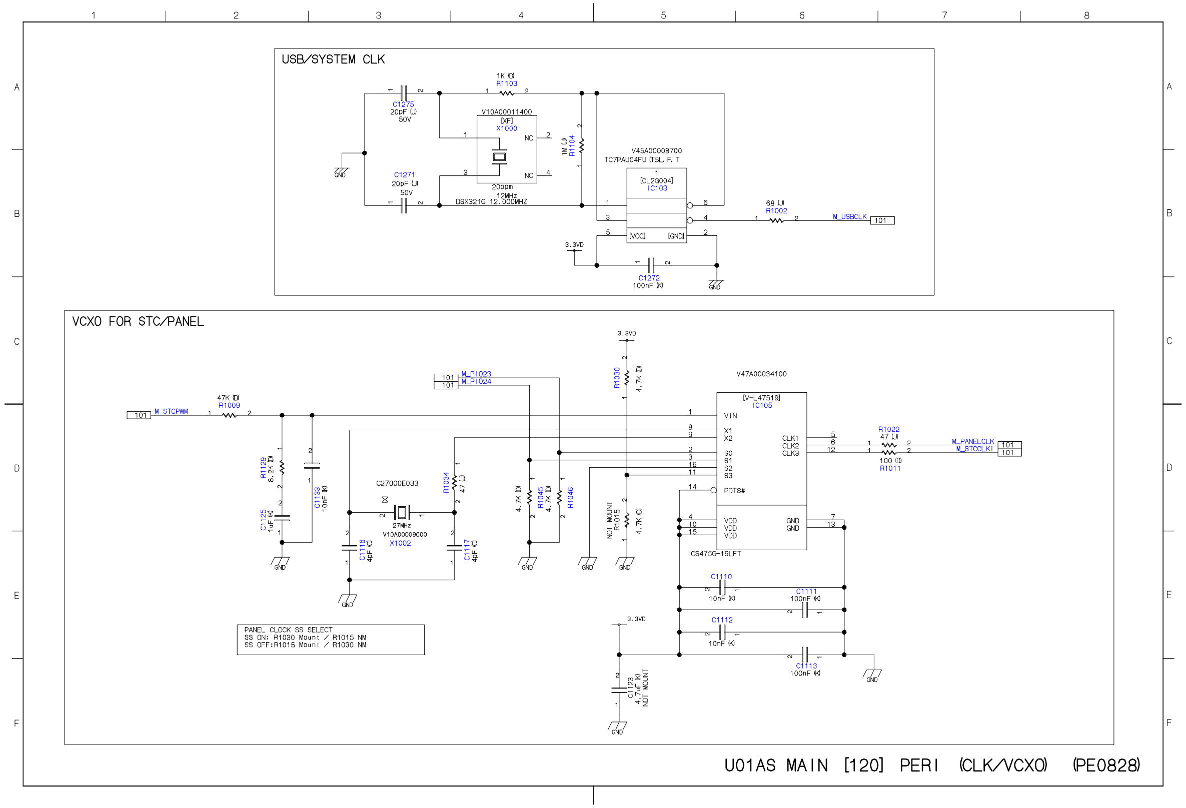
U01AS MAIN [115] SEINE4L XTAL/VREF (PE0828)


[HDMI-AUDIO PLL]
3.3V_VADC
M_DAOUT3
R1079
1.5K
Q1002
2SC4116-Y (TE85L, F)
C1094
10nF
M_P3CKIN
C1095
5pF
R1082
1.2K
GND
M_BIASDA3
C1096
100nF
M_P3FIL
R1087
2.2K
C1106
15nF
C1107
150pF
[ADC PLL]
M_DAOUT2
R1084
Q1003
2SC4116-Y (TE85L, F)
C1100
M_P2CKIN
C1099
R1085
1K
M_VBG
C1102
M_BIASDA2
C1101
M_P2FIL
R1086
C1104
C1105
1nF
U01AS MAIN [116] SEINE4L PLL/DAC (PE0828)

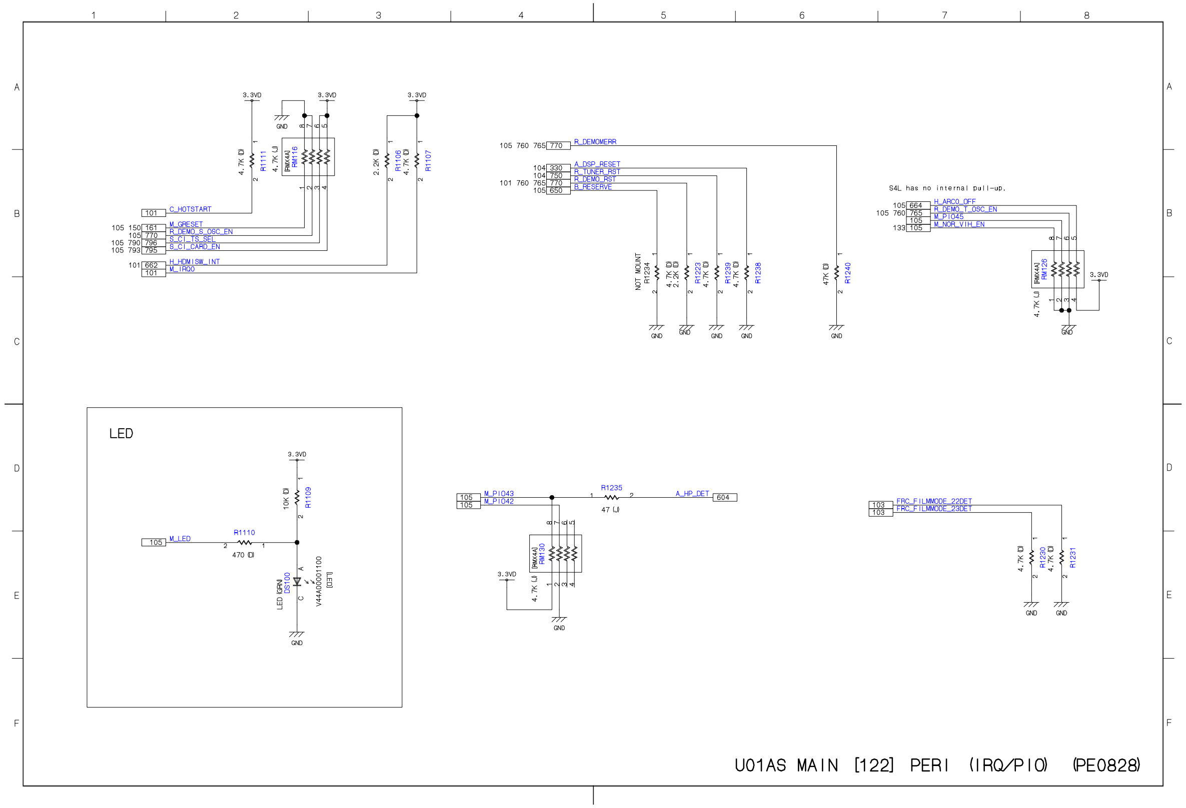

[PLL POWER]
[HDMI POWER]
[LVDS POWER]
[V-SW/VIDEO-ADC/SYNCIN/AUDIO DAC/AUDIO ADC/SIF POWER]
[CORE POWER]
[DDR PHY POWER]
[I/O & USB POWER]
[DDR CORE POWER]
U01AS MAIN [117] SEINE4L PATHCON (PE0828)



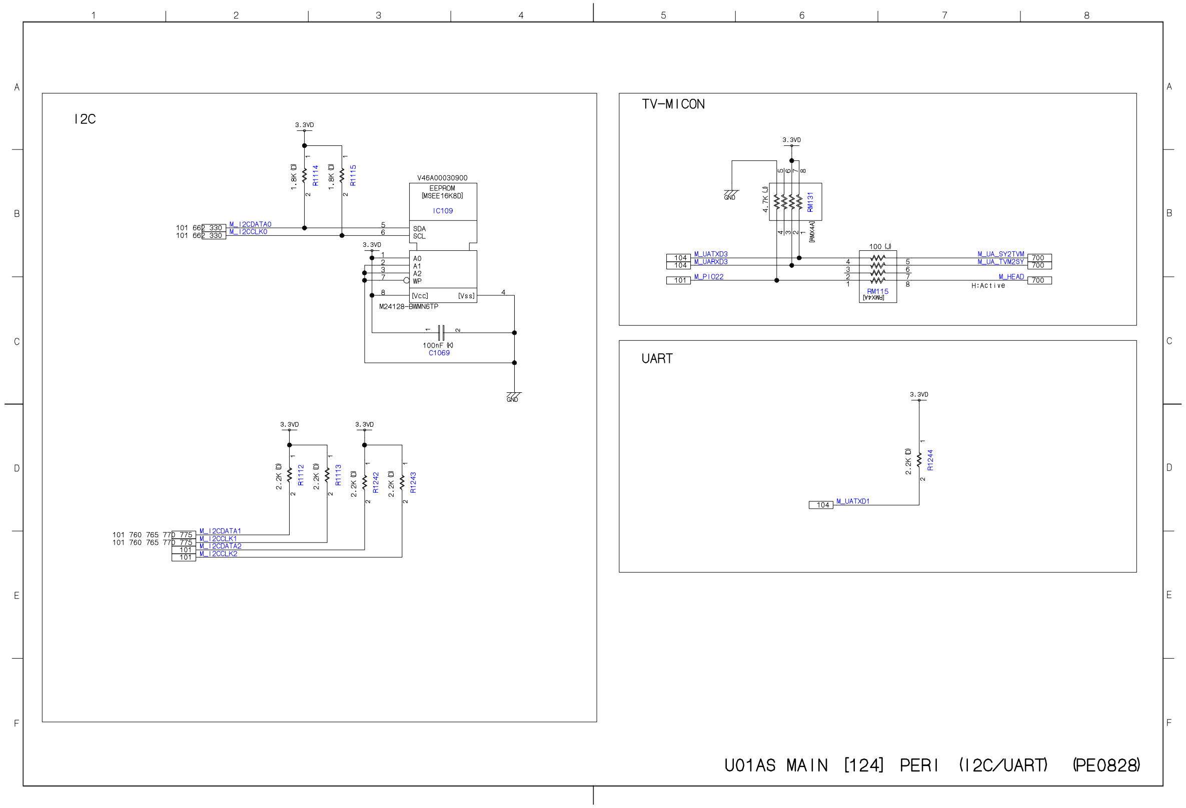
U01AS MAIN [119] SEINE4L APWR (PE0828)



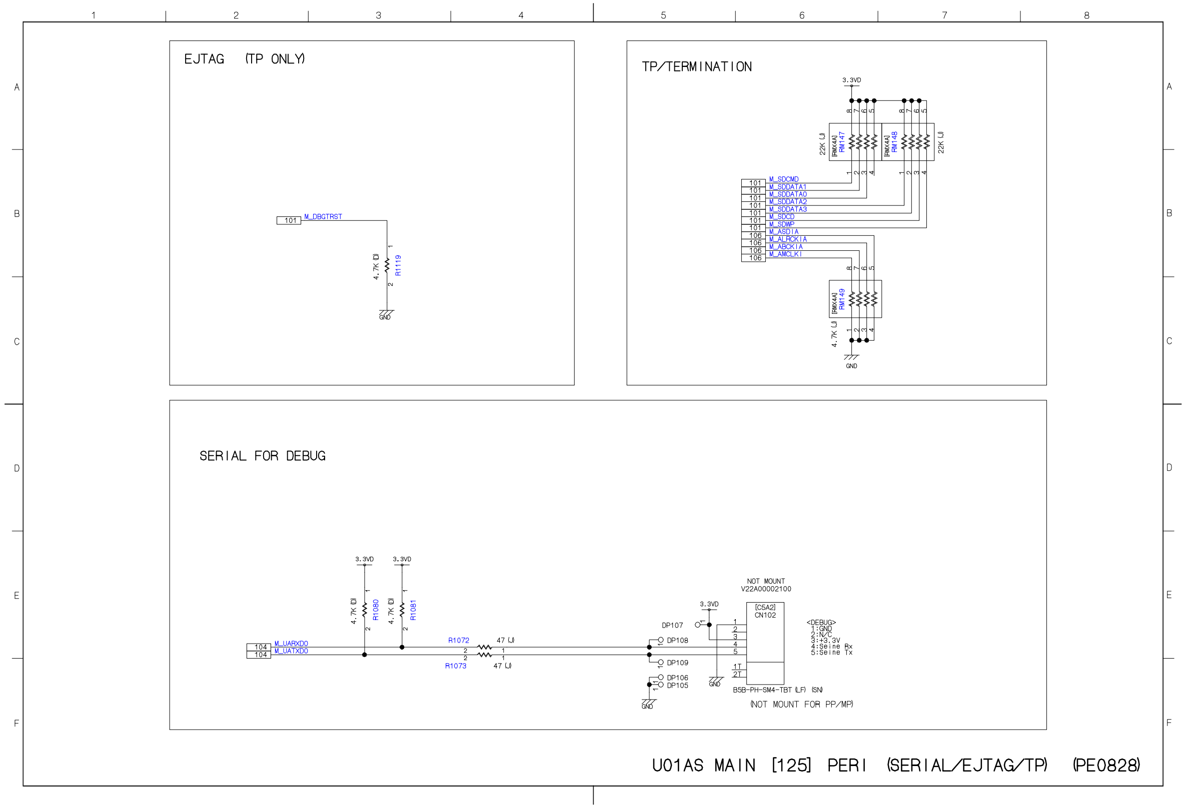
USB/SYSTEM CLK
1K
R1103
C1275
20pF
50V
V10A00011400
[XF]
X1000
NC
NC
1M
R1104
C1271
20pF
50V
20ppm
12MHz
DSX321G 12.000MHZ
V45A00008700
TC7PAU04FU (TE85L, F, T)
[CL2G004]
IC103
[VCC]
[GND]
68
R1002
M_USBCLK
101
3.3VD
C1272
100nF
GND
VCXO FOR STC/PANEL
3.3VD
R1030
4.7K
V47A00034100
[V-L47519]
IC105
101 M_PI023
101 M_PI024
101 M_STCPWM
47K
R1009
VIN
X1
X2
S0
S1
S2
S3
PDTS#
CLK1
CLK2
CLK3
R1022
47
M_PANELCLK
M_STCCLK1
100
R1011
R1129
8.2K
C1133
10nF
C1125
1uF
C27000E033
27MHz
V10A00009600
X1002
R1034
47
C1116
4pF
C1117
4pF
4.7K
R1045
4.7K
R1046
NOT MOUNT
R1015
4.7K
VDD
VDD
VDD
GND
GND
ICS475G-19LFT
C1110
10nF
C1111
100nF
C1112
10nF
C1113
100nF
3.3VD
C1123
4.7uF
NOT MOUNT
PANEL CLOCK SS SELECT
SS ON: R1030 Mount / R1015 NM
SS OFF:R1015 Mount / R1030 NM
U01AS MAIN [120] PERI (CLK/VCXO) (PE0828)

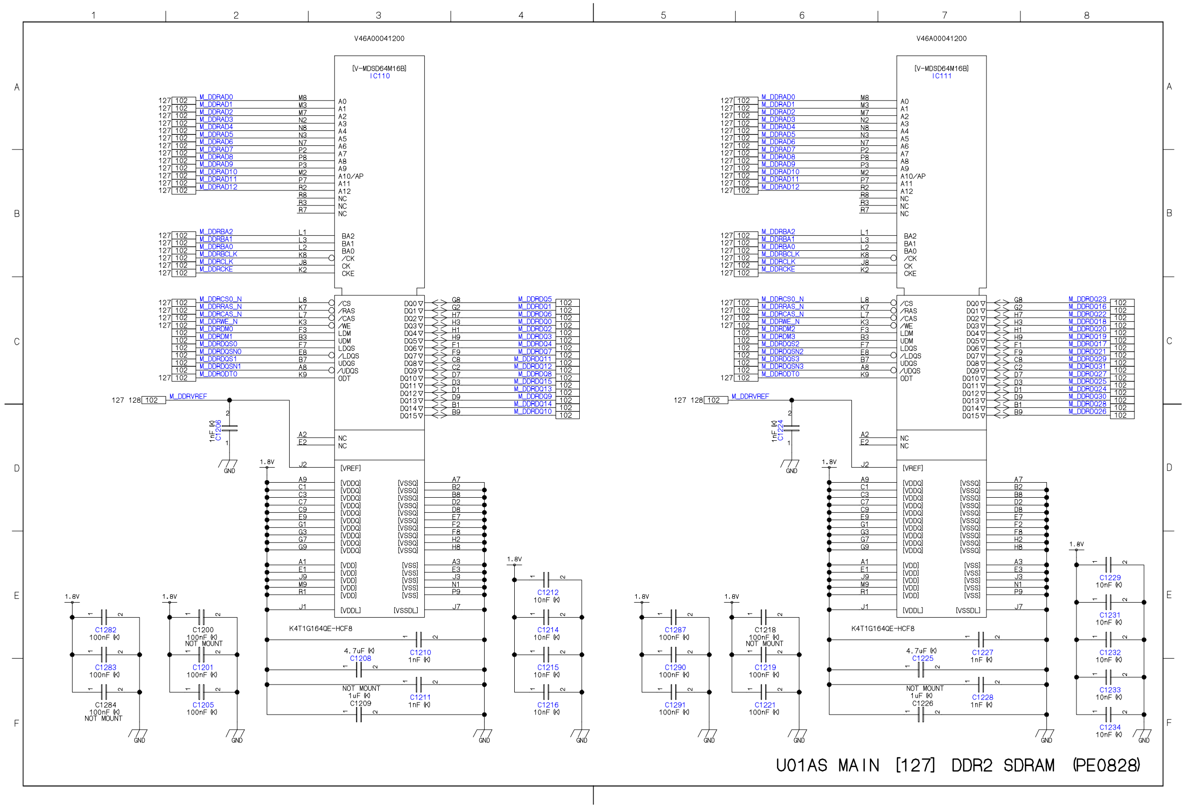


U01AS MAIN [122] PERI (IRQ/PIO) (PE0828)

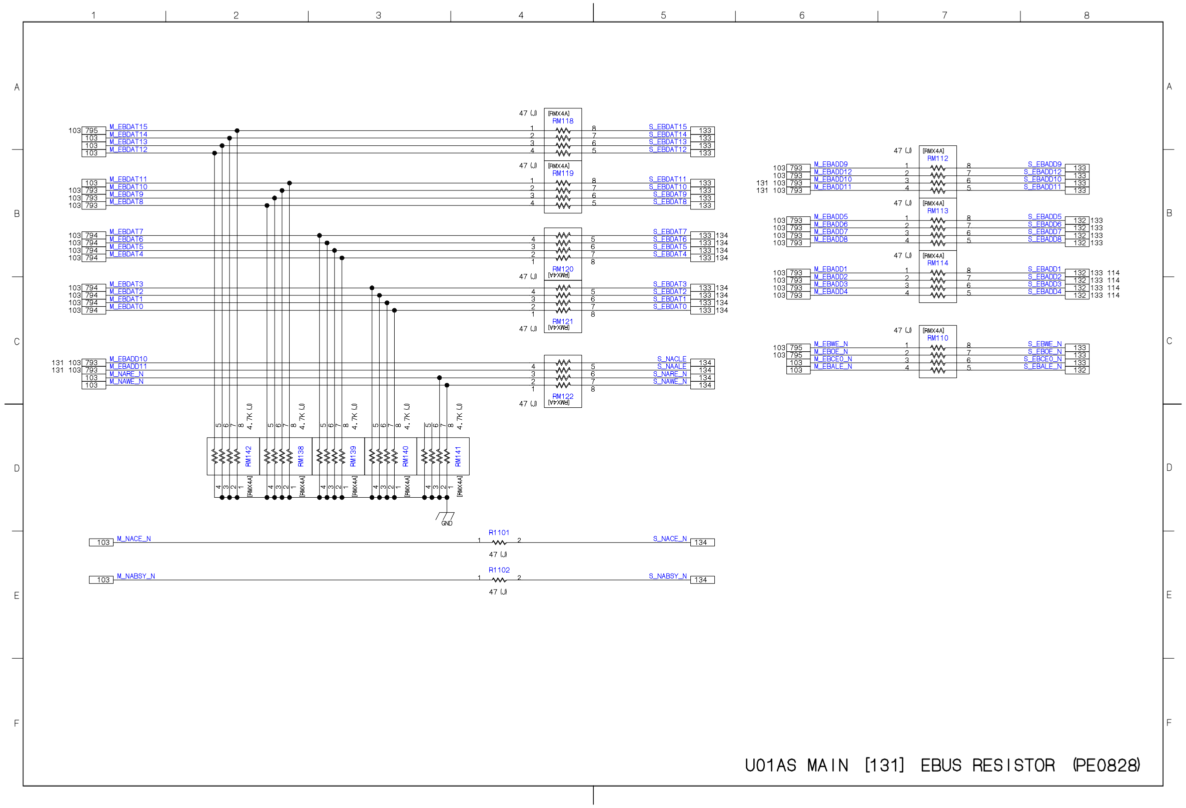


U01AS MAIN [124] PERI (I2C/UART) (PE0828)

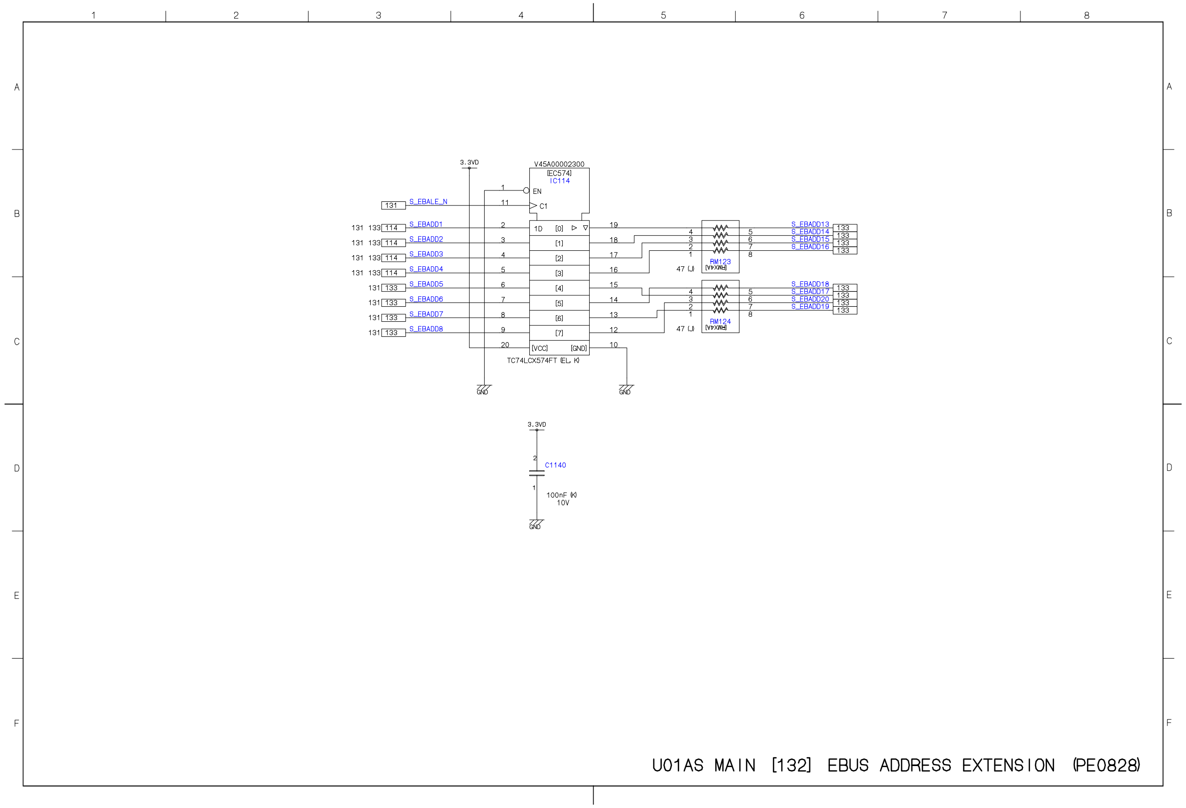

EJTAG (TP ONLY)
TP/TERMINATION
SERIAL FOR DEBUG
M_DBGTRST
4.7K
R1119
GND
3.3VD
22K
RM147
RM148
RM149
M_SDCMD
M_SDDATA1
M_SDDATA0
M_SDDATA2
M_SDDATA3
M_SDCD
M_SDWP
M_ASDIA
M_ALRCKIA
M_ABCKIA
M_AMCLKI
M_UARXD0
M_UATXD0
R1080
R1081
R1072
R1073
47
DP107
DP108
DP109
DP106
DP105
NOT MOUNT
V22A00002100
CN102
<DEBUG>
1:GND
2:N/C
3:+3.3V
4:Seine Rx
5:Seine Tx
B5B-PH-SM4-TBT (LF) (SN)
(NOT MOUNT FOR PP/MP)
U01AS MAIN [125] PERI (SERIAL/EJTAG/TP) (PE0828)


V46A00041200
[V-MDSD64M16B]
IC110
IC111
K4T1G164QE-HCF8
M_DDRVREF
1.8V
GND
U01AS MAIN [127] DDR2 SDRAM (PE0828)

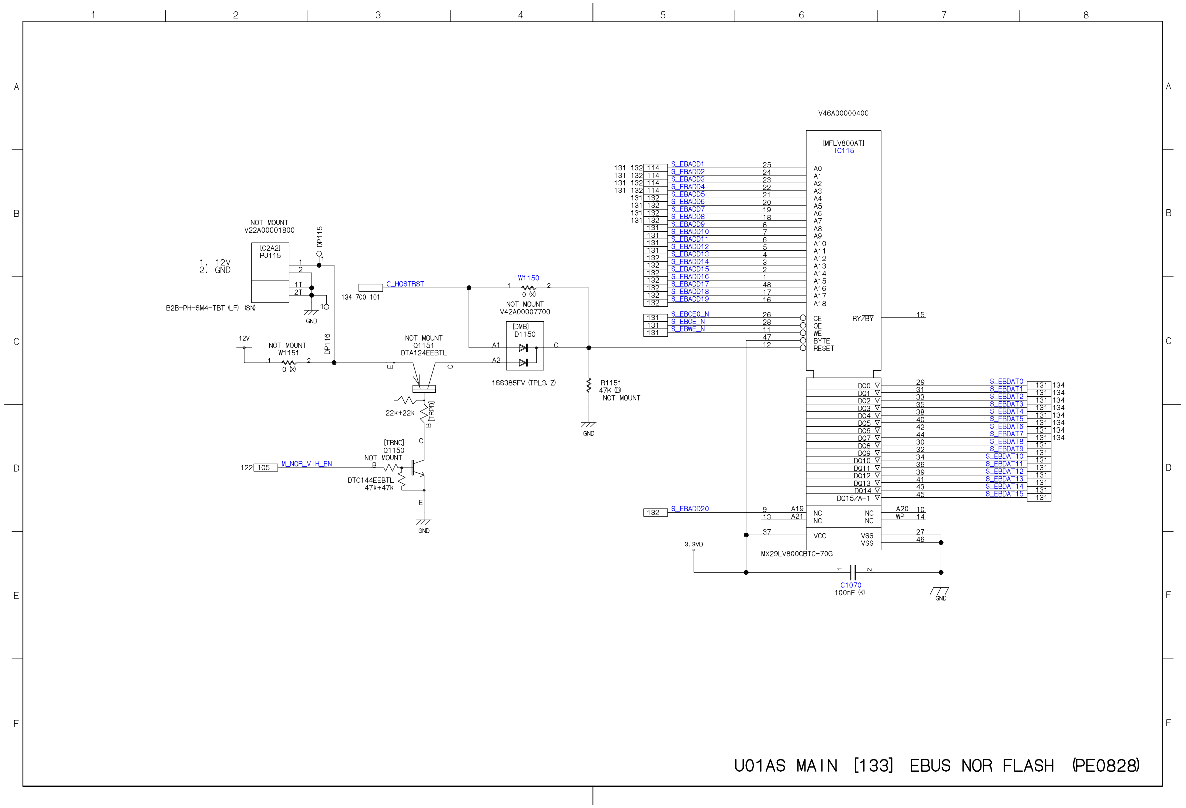
U01AS MAIN [128] DDR2 RESISTOR (PE0828)



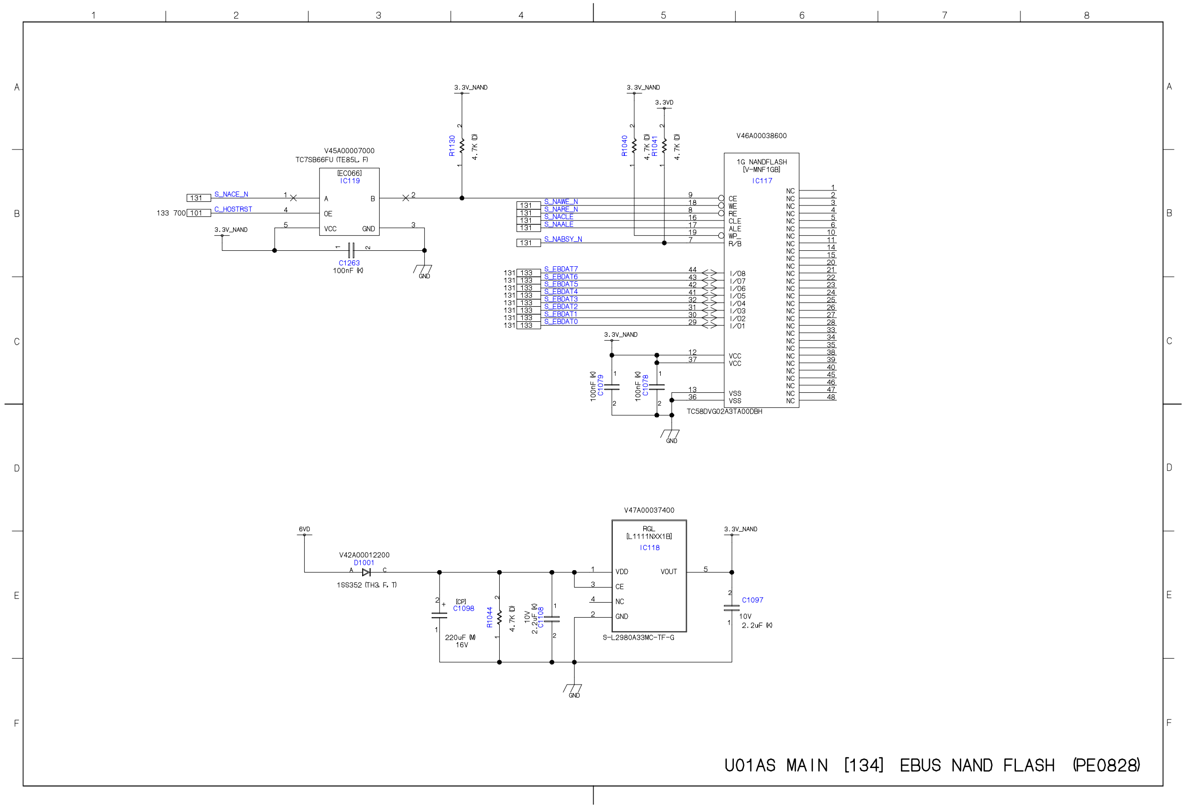
U01AS MAIN [131] EBUS RESISTOR (PE0828)



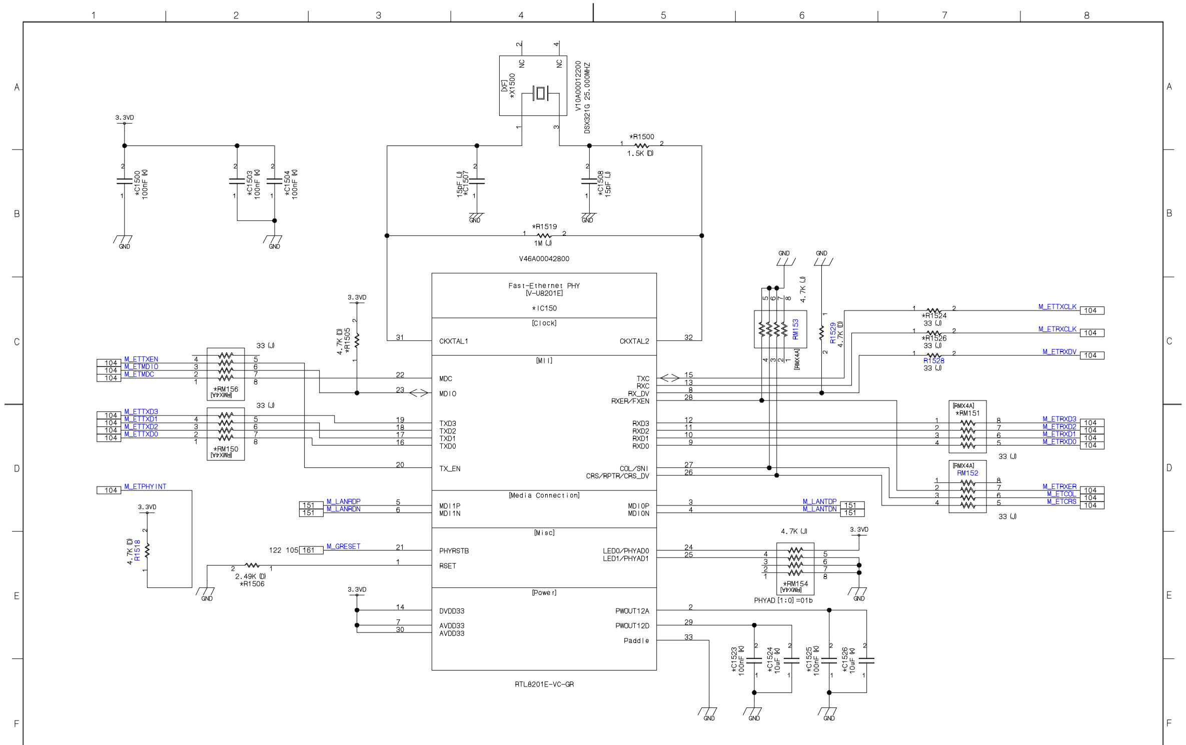
U01AS MAIN [132] EBUS ADDRESS EXTENSION (PE0828)



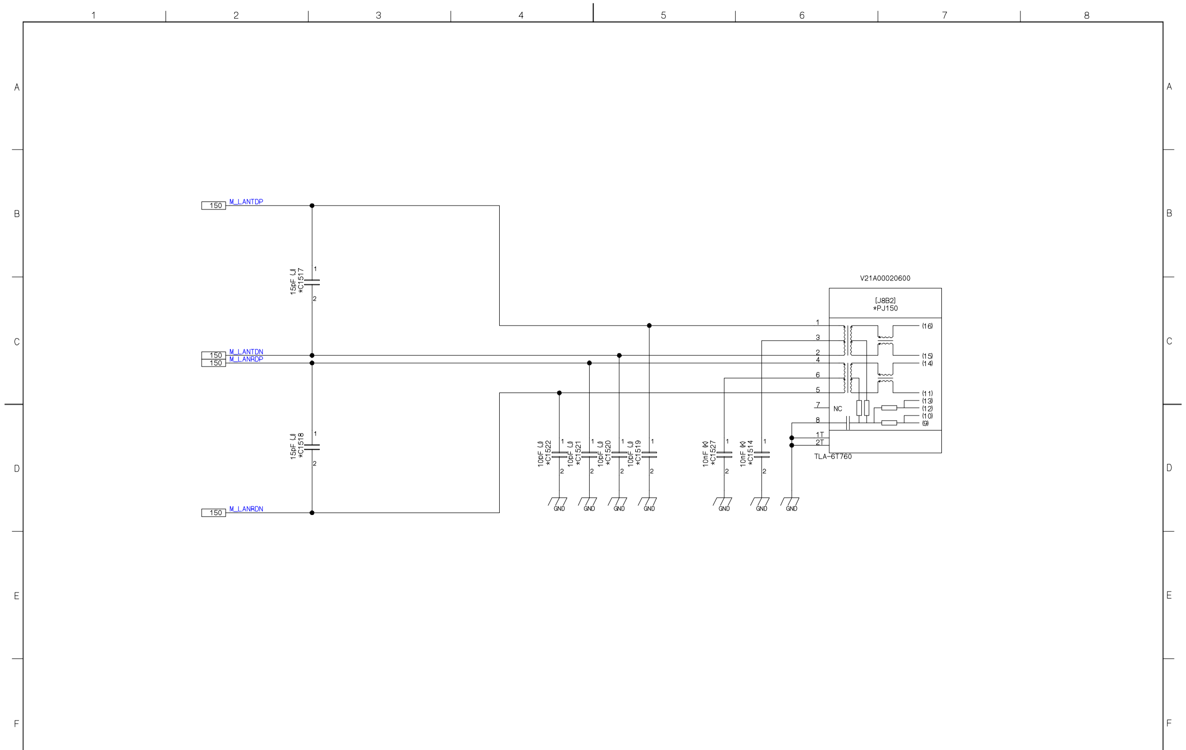
U01AS MAIN [133] EBUS NOR FLASH (PE0828)



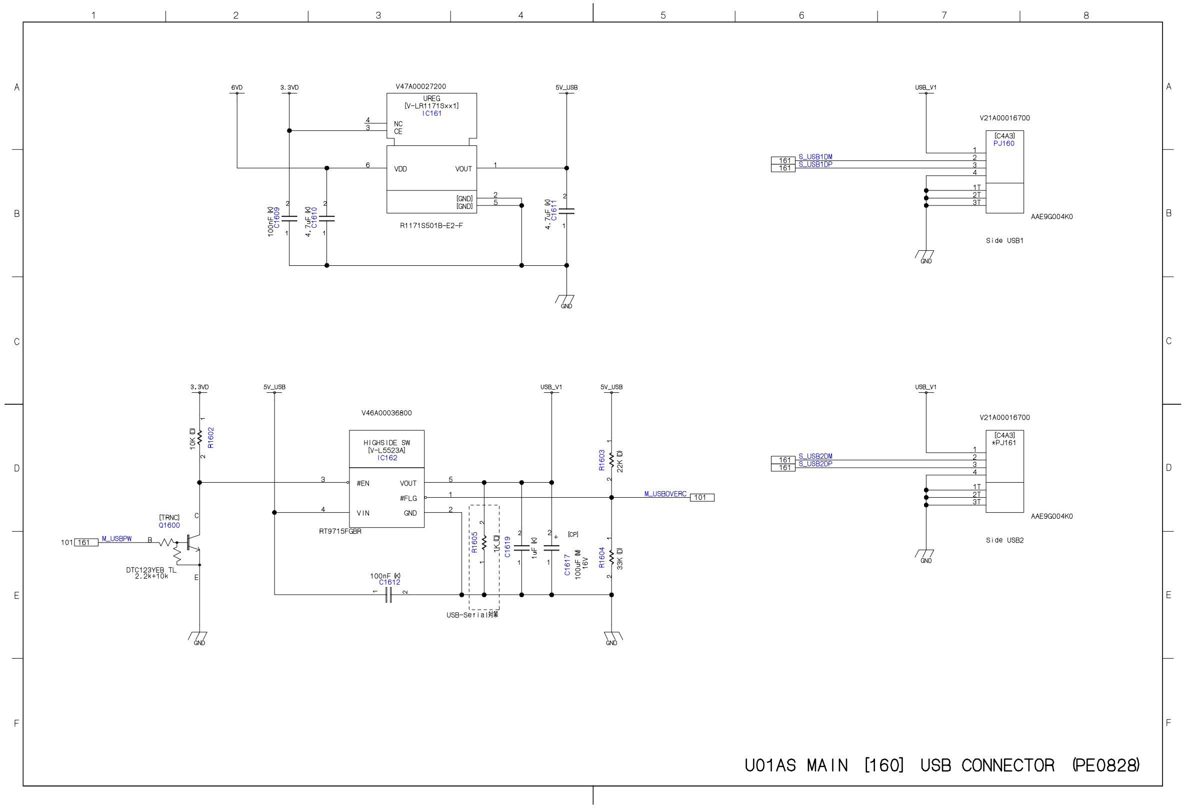
U01AS MAIN [134] EBUS NAND FLASH (PE0828)



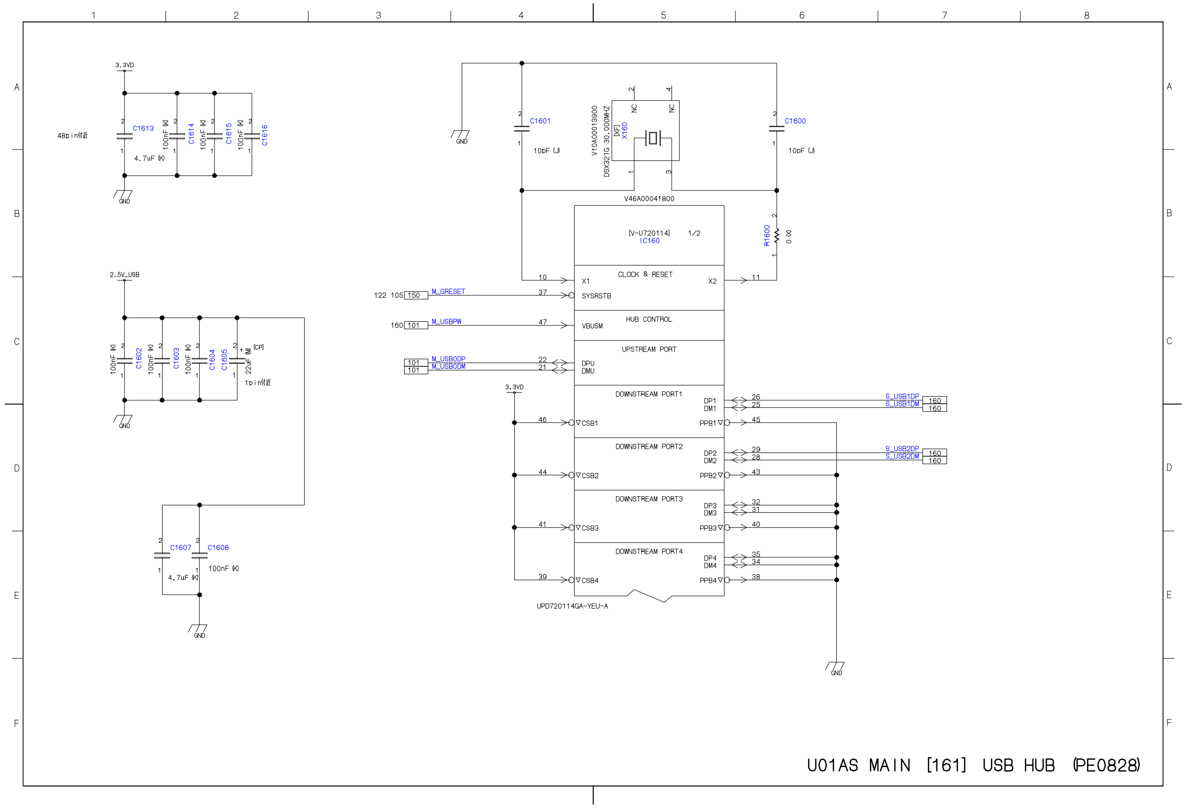
U01AS MAIN [150] ETHER PHY (PE0828)



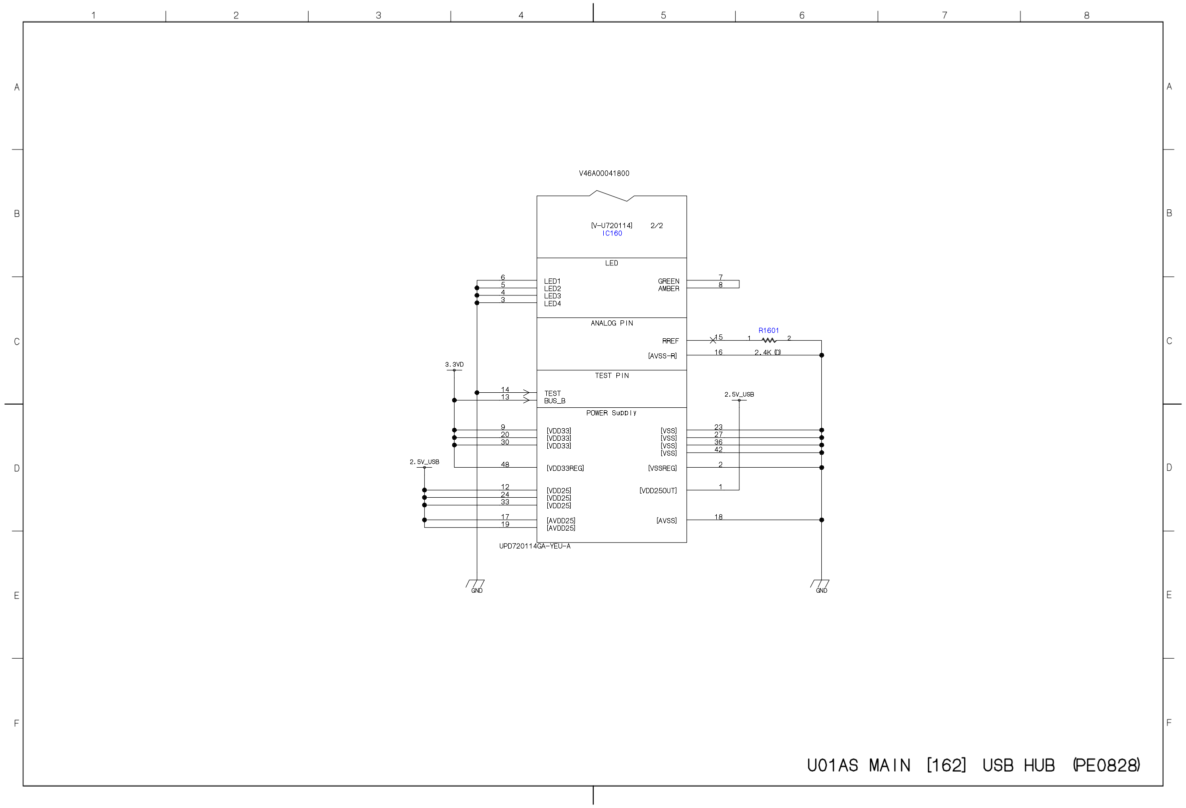
U01AS MAIN [151] RJ45 CONNECTOR (PE0828)



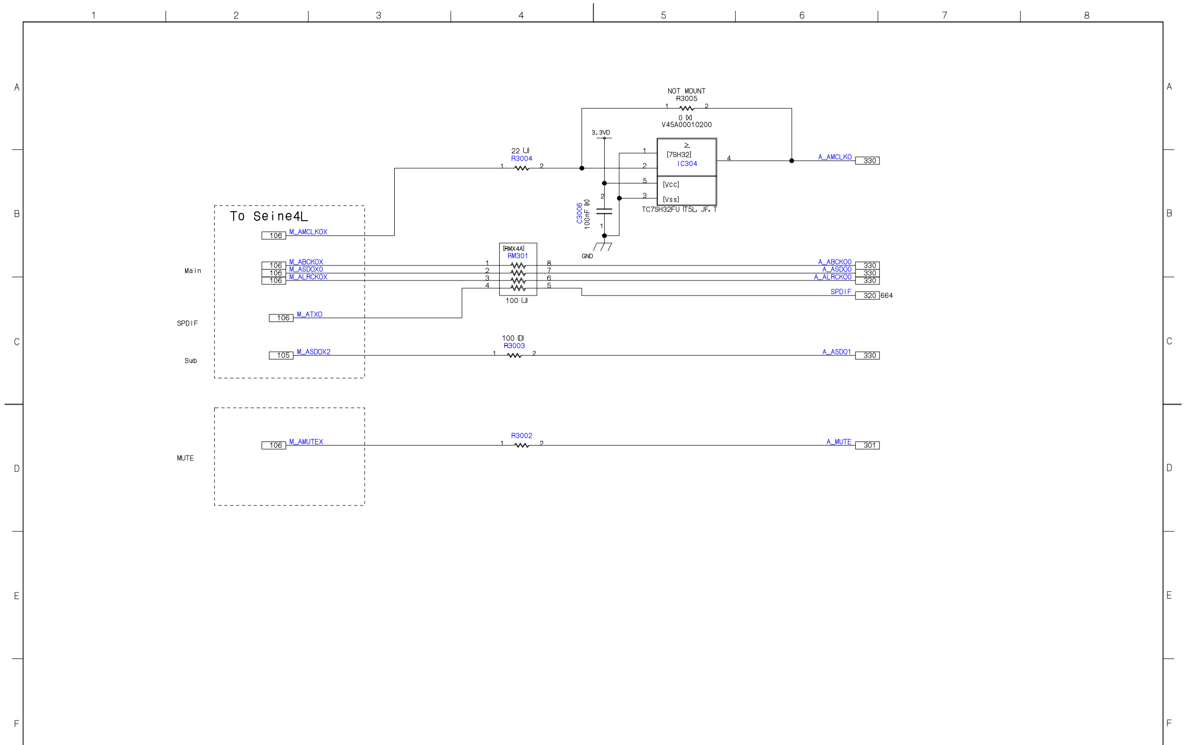
U01AS MAIN [160] USB CONNECTOR (PE0828)



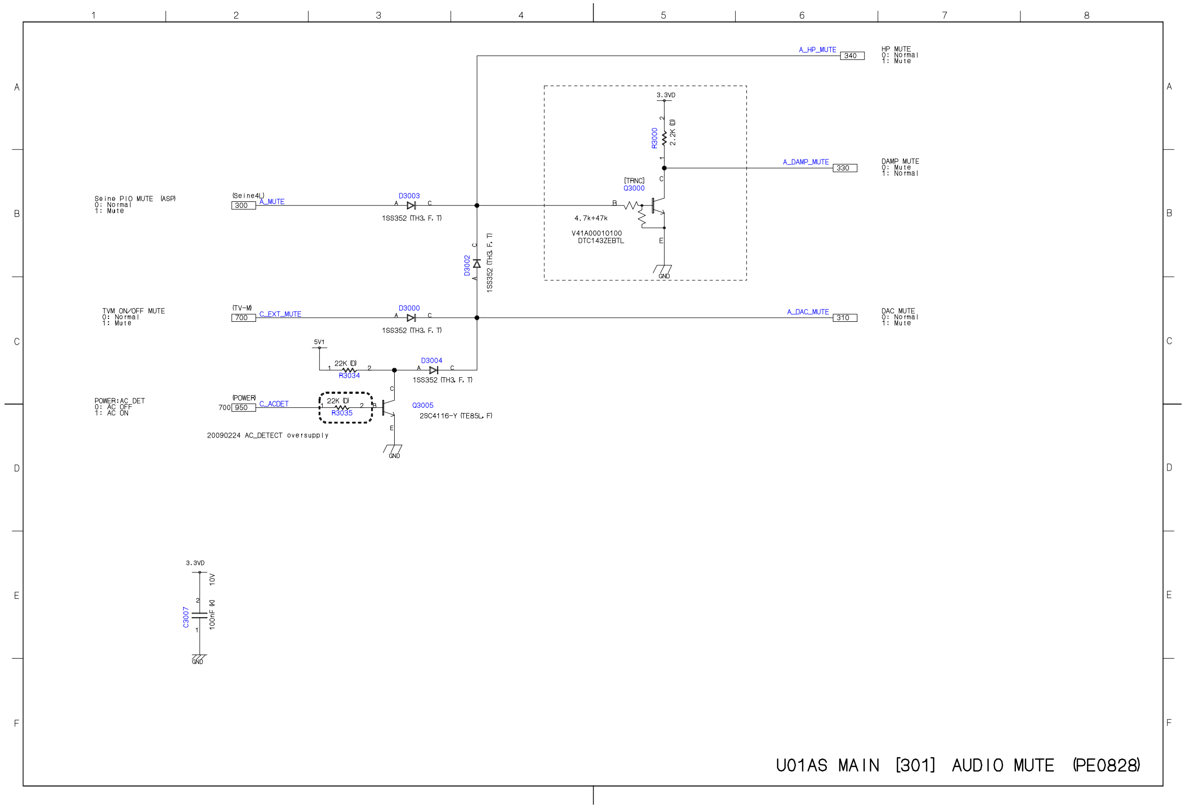
U01AS MAIN [161] USB HUB (PE0828)



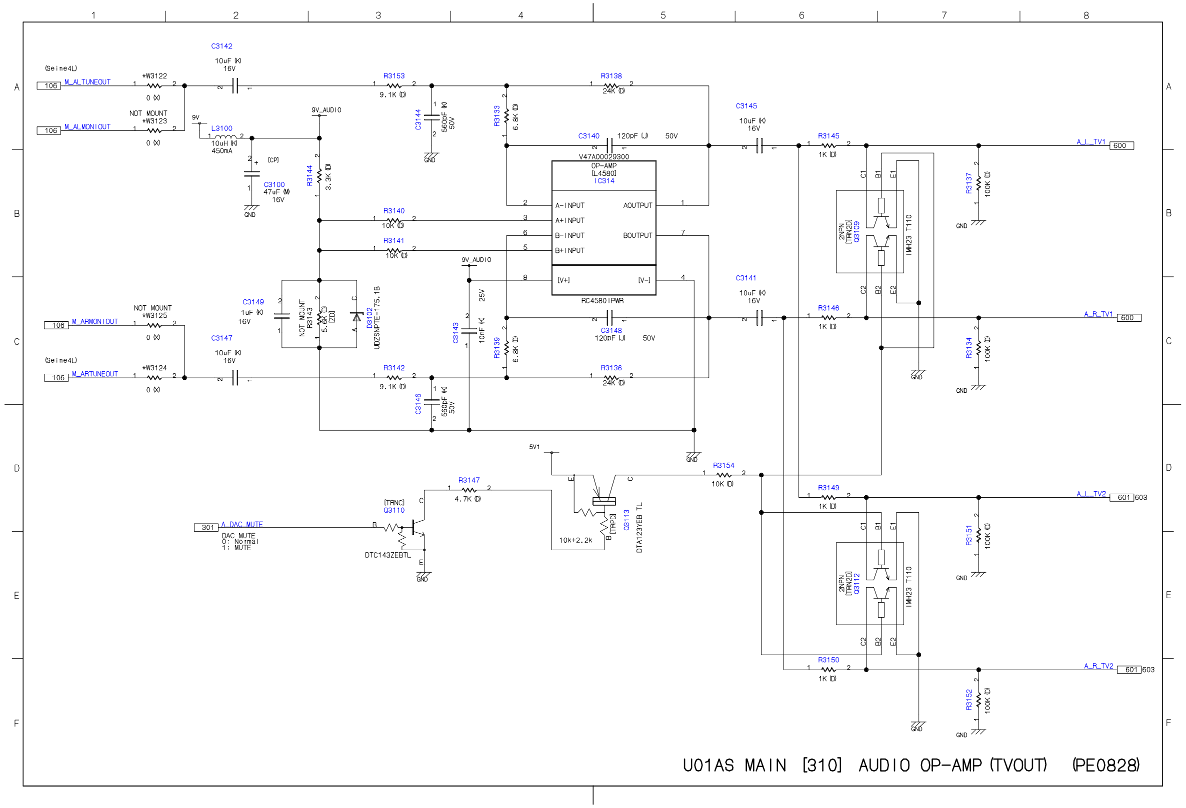
U01AS MAIN [162] USB HUB (PE0828)



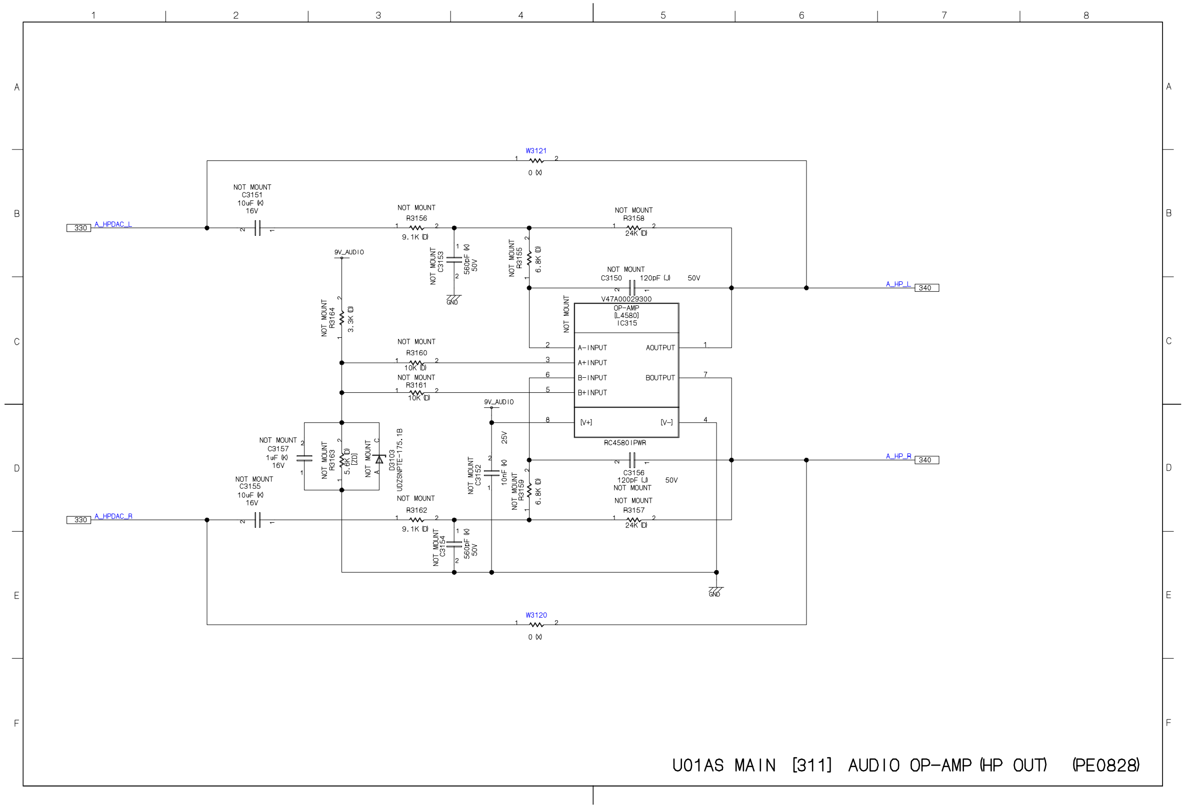
U01AS MAIN [300] AUDIO CLK (PE0828)



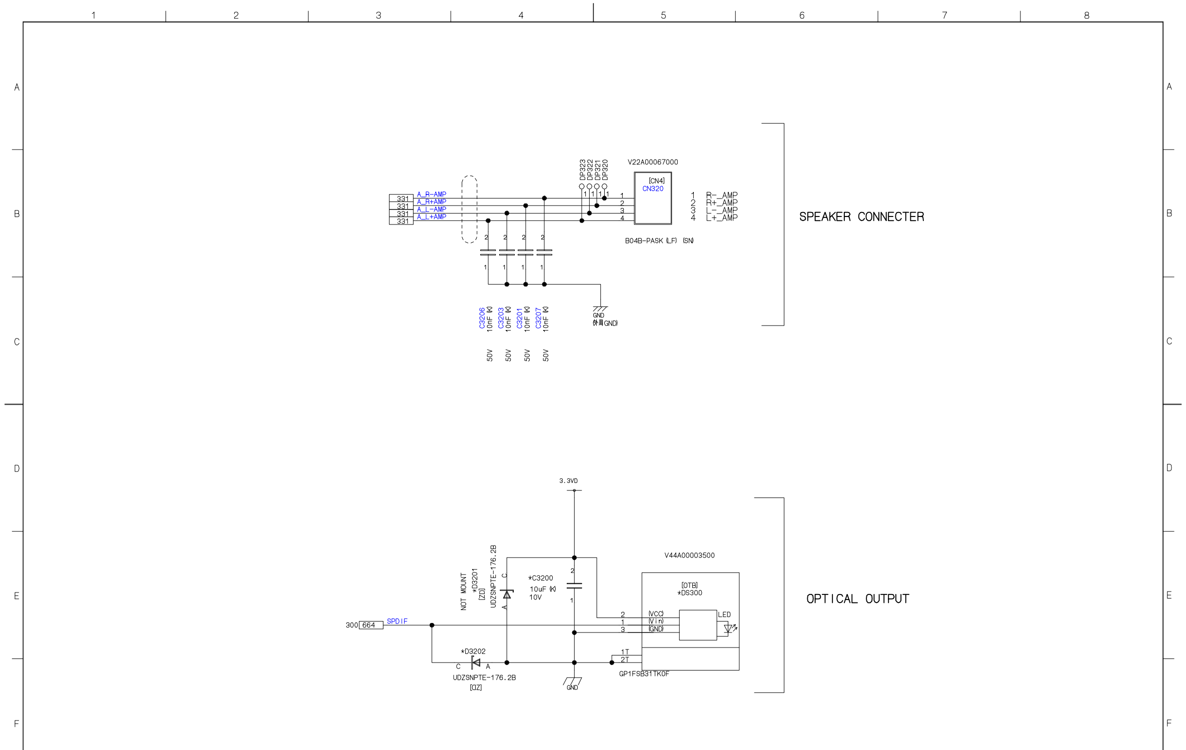
U01AS MAIN [301] AUDIO MUTE (PE0828)



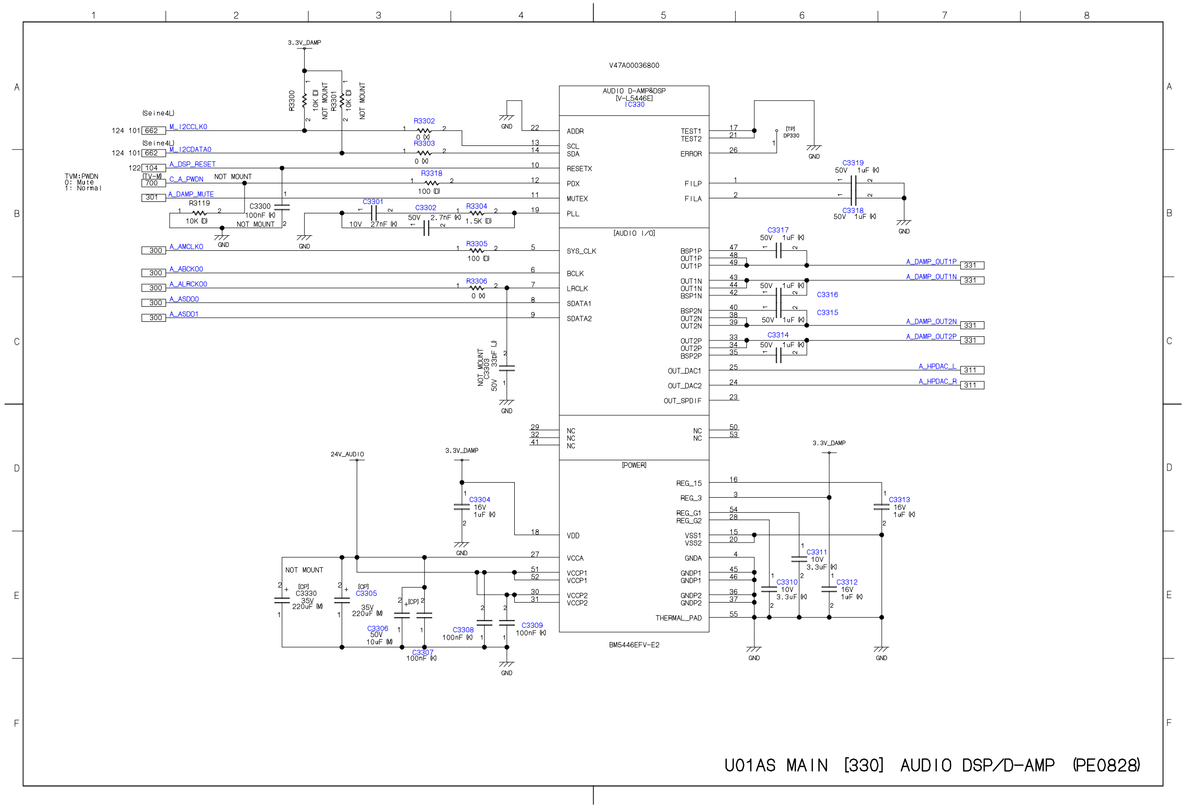
U01AS MAIN [310] AUDIO OP-AMP (TVOUT) (PE0828)

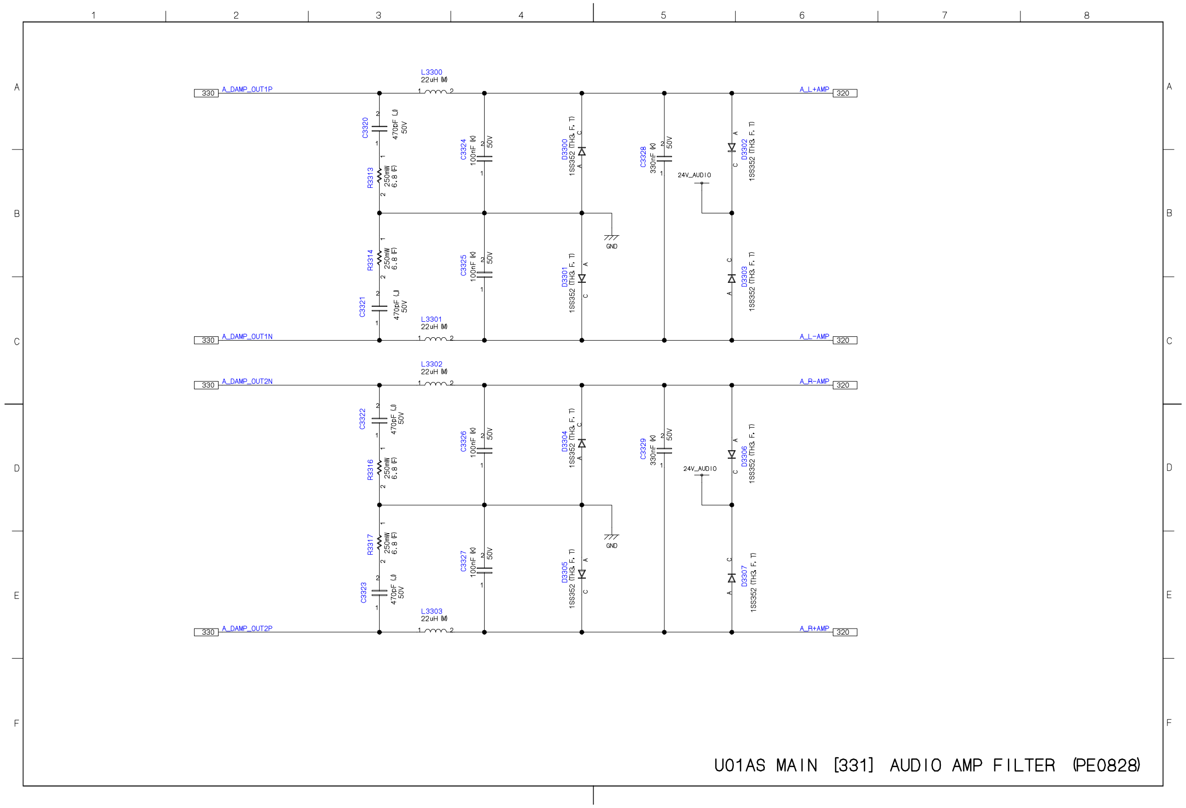


U01AS MAIN [311] AUDIO OP-AMP (HP OUT) (PE0828)

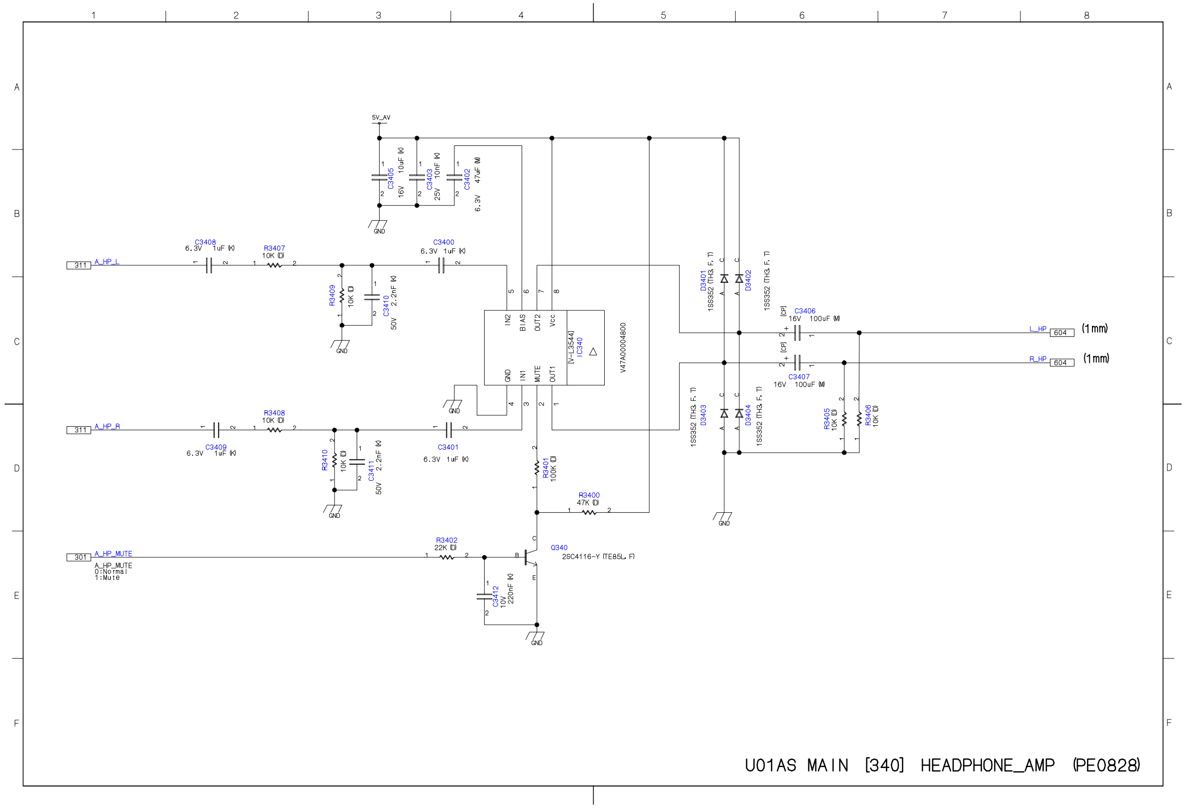


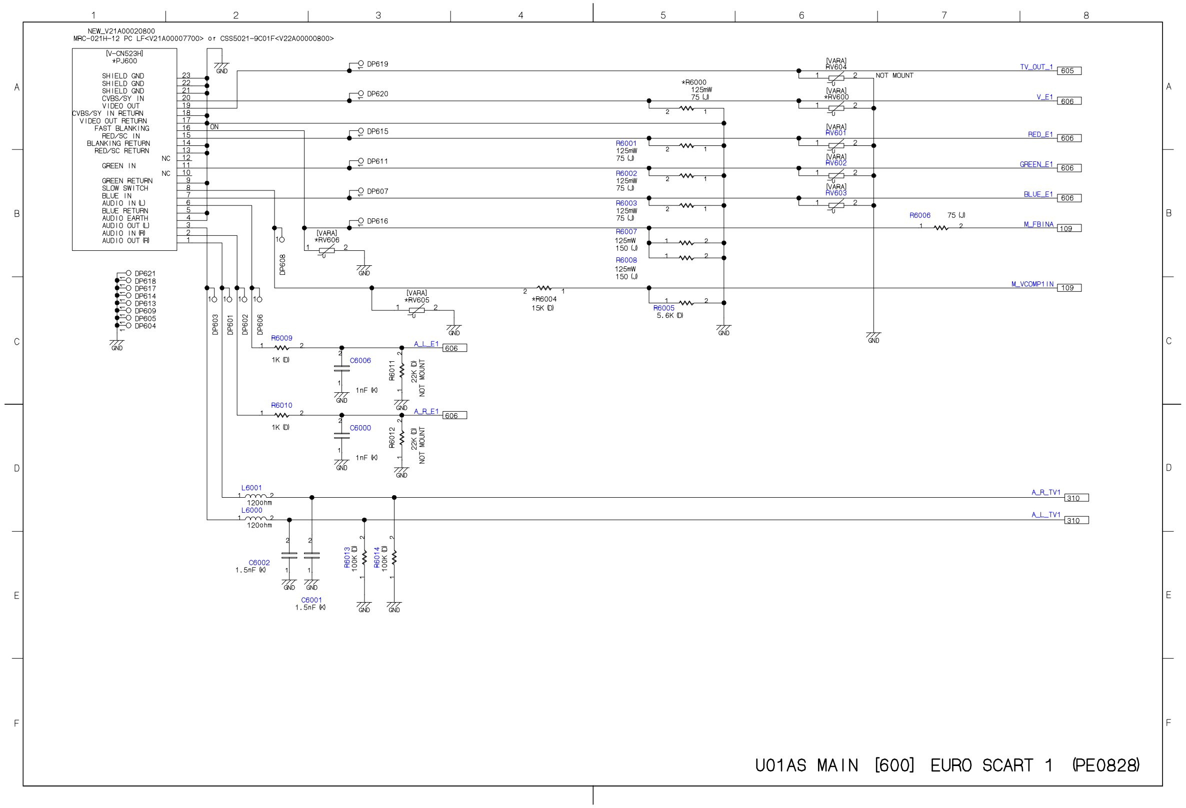
U01AS MAIN [320] AUDIO CONNECTOR (PE0828)


U01AS MAIN [330] AUDIO DSP/D-AMP (PE0828)

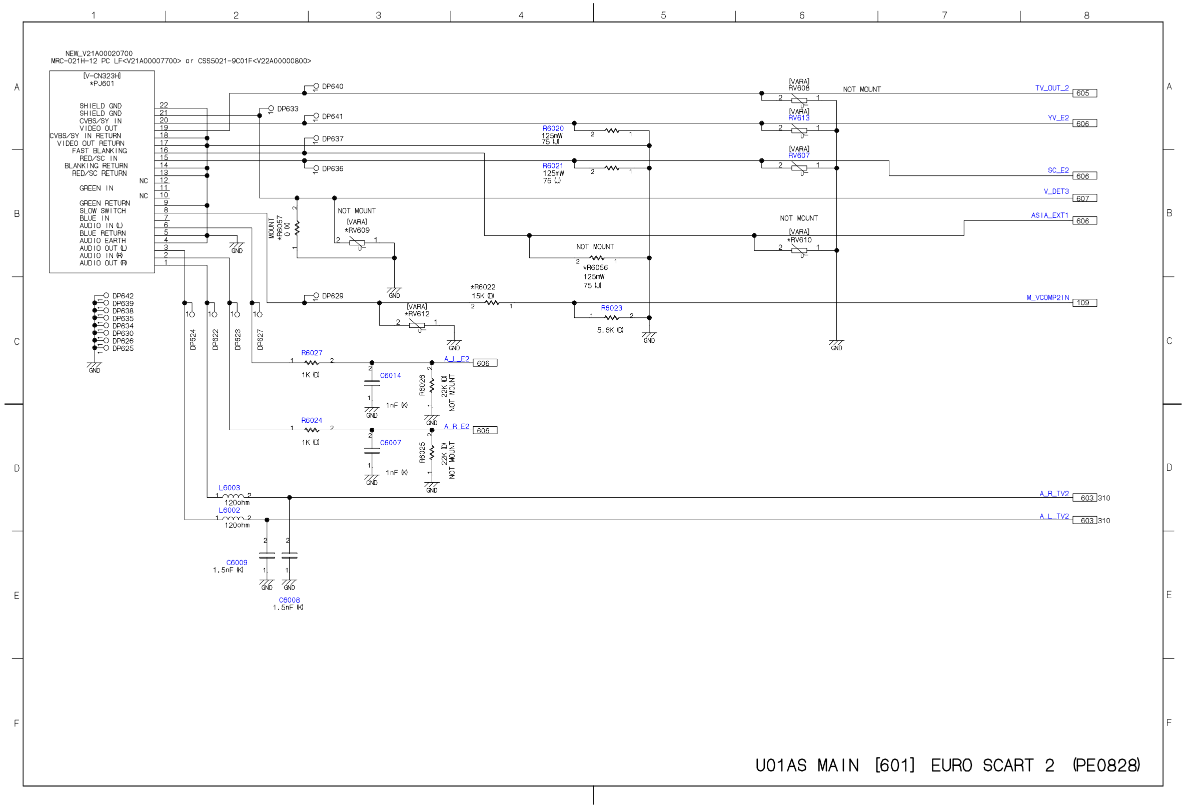


U01AS MAIN [331] AUDIO AMP FILTER (PE0828)

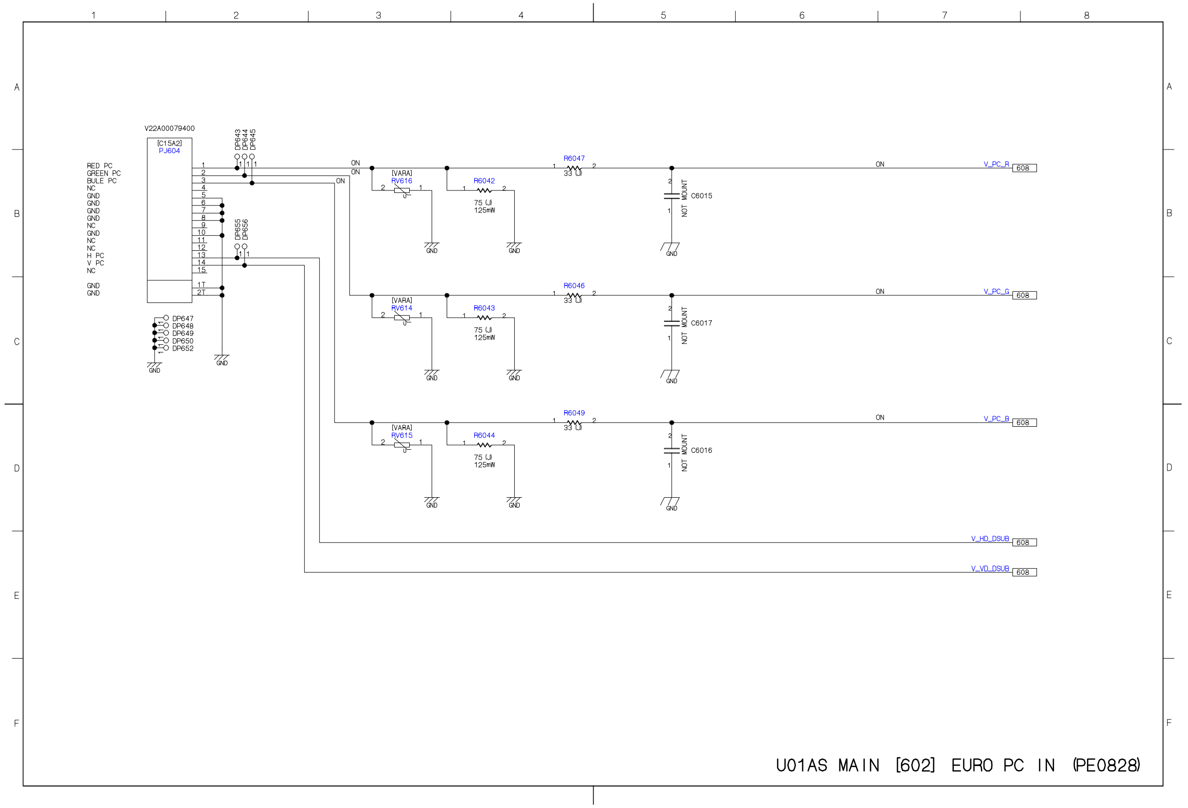

5V_AV
A_HP_L
A_HP_R
A_HP_MUTE
A_HP_MUTE
0:Normal
1:Mute
L_HP
R_HP
(1mm)
(1mm)
IC340
V47A00004800
Q340
2SC4116-Y (TE85L, F)
U01AS MAIN [340] HEADPHONE_AMP (PE0828)



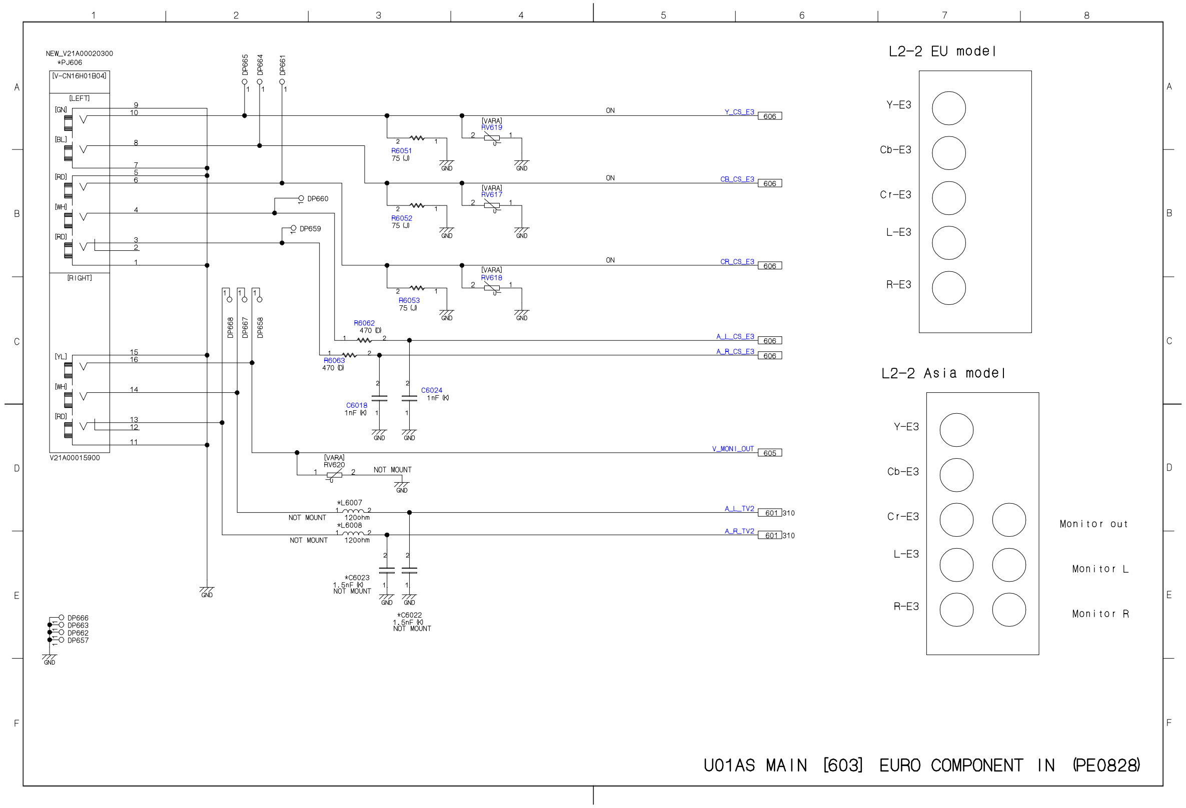
U01AS MAIN [600] EURO SCART 1 (PE0828)



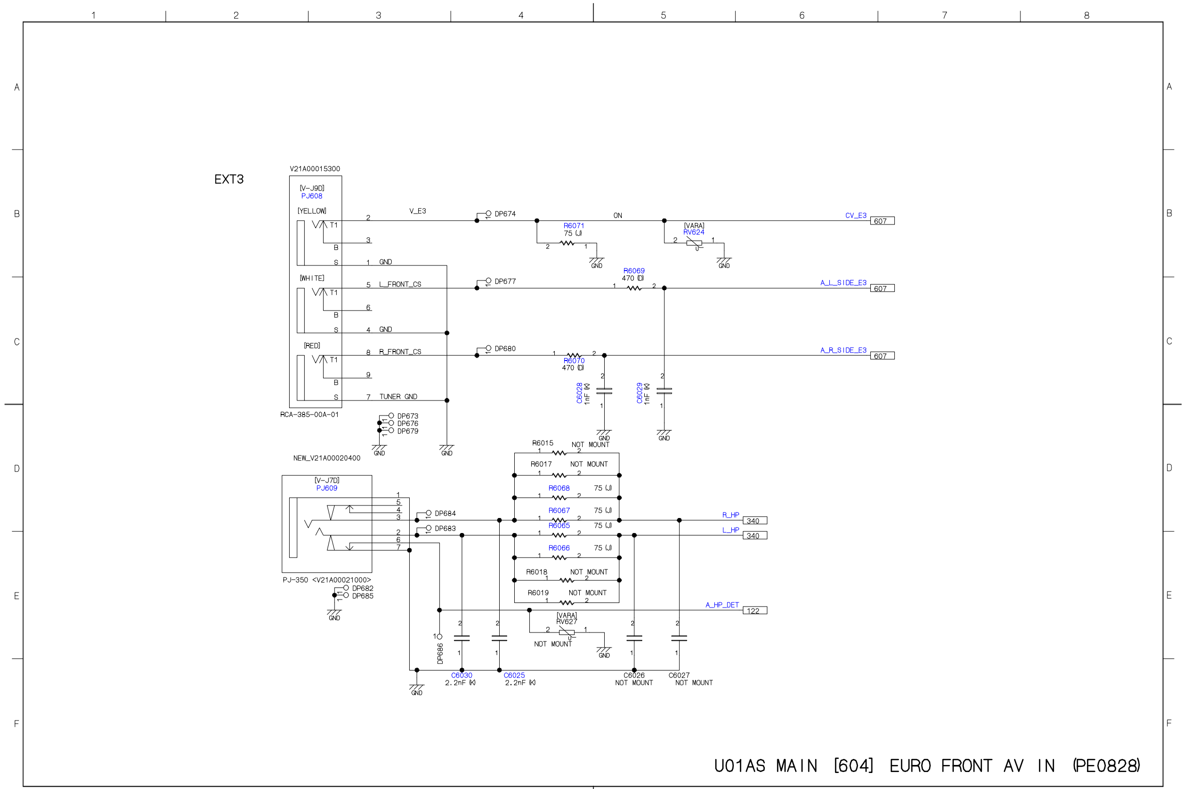
U01AS MAIN [601] EURO SCART 2 (PE0828)



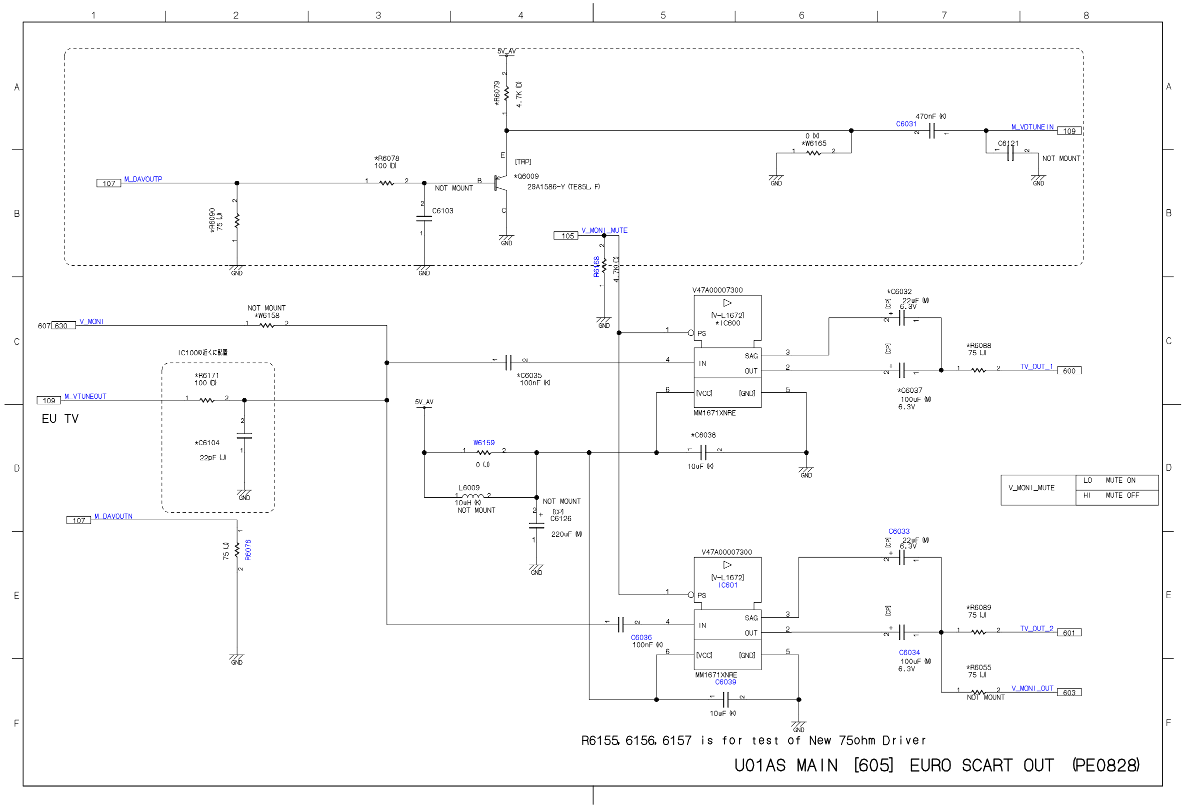
U01AS MAIN [602] EURO PC IN (PE0828)



U01AS MAIN [603] EURO COMPONENT IN (PE0828)

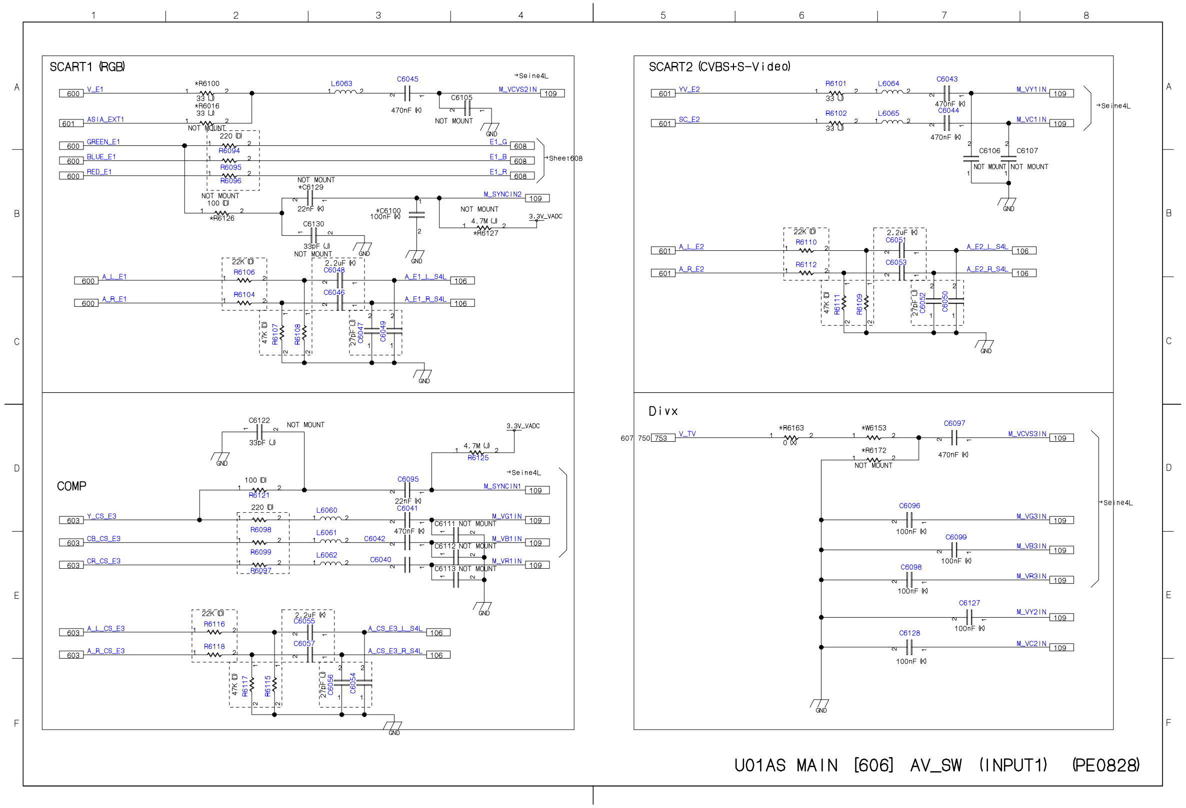


U01AS MAIN [604] EURO FRONT AV IN (PE0828)

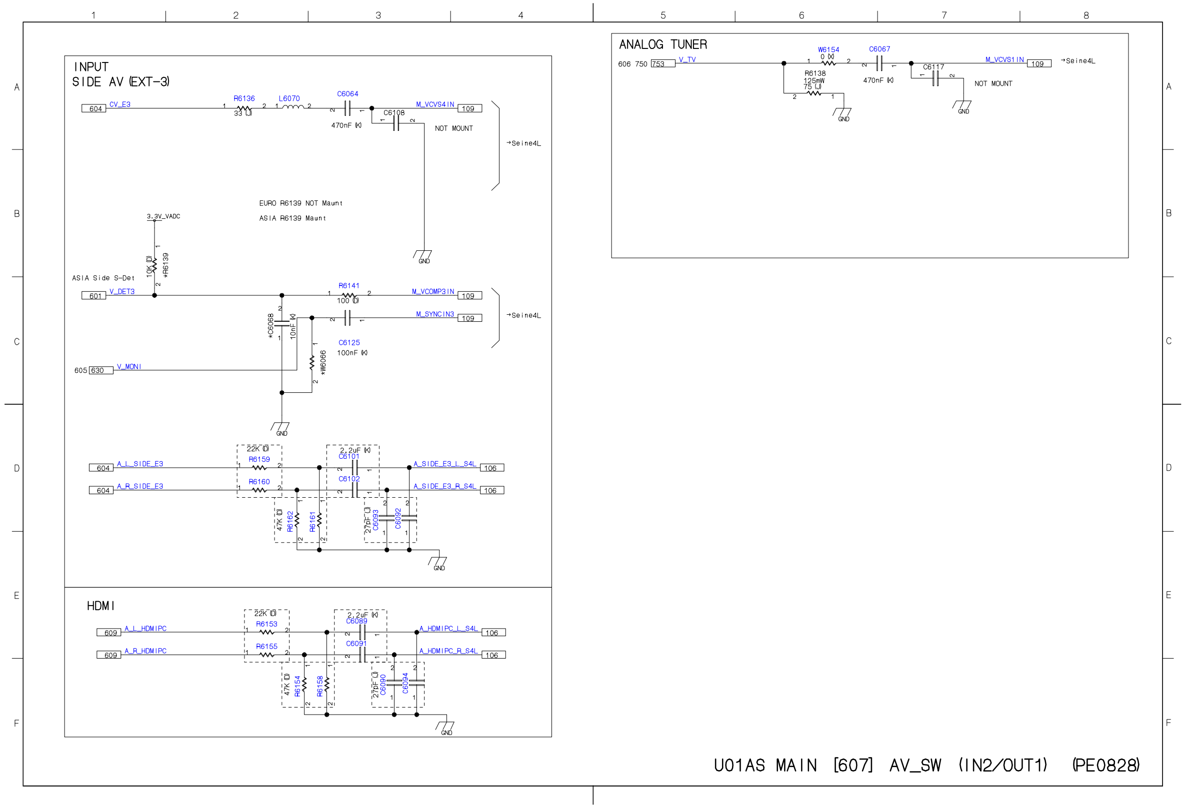


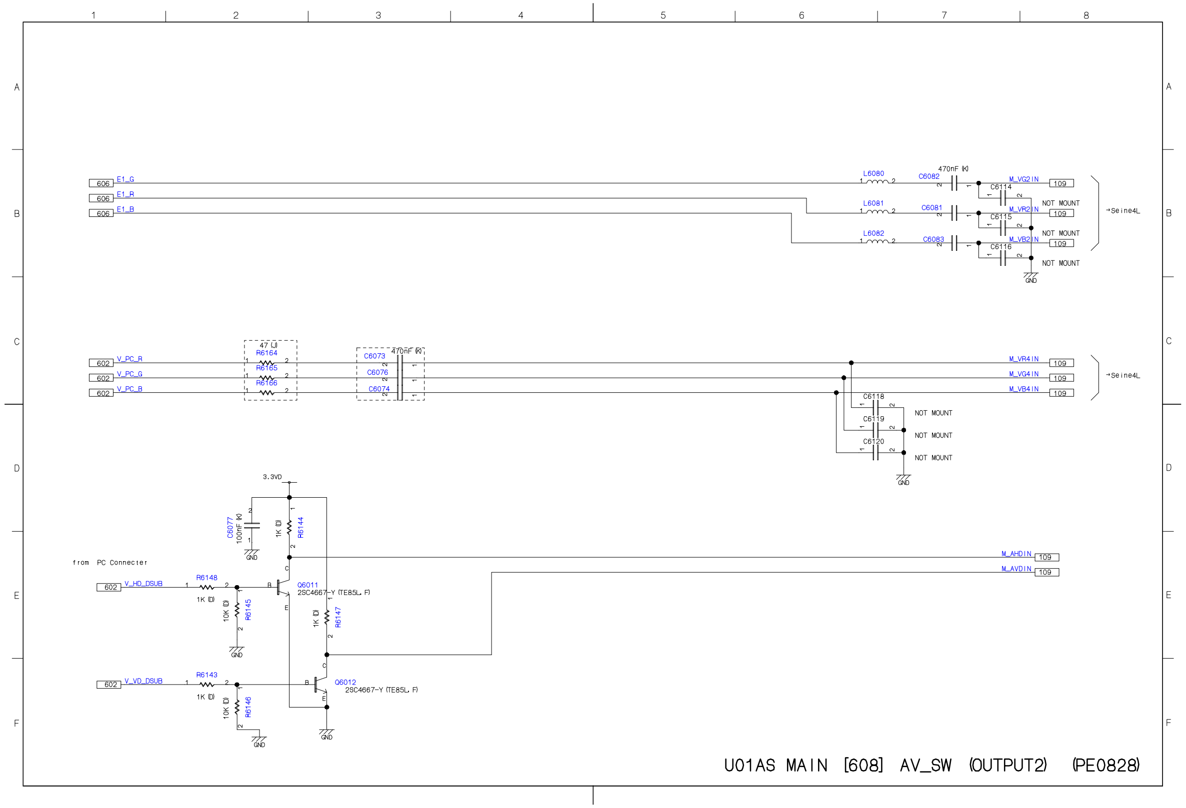
R6155, 6156, 6157 is for test of New 75ohm Driver

U01AS MAIN [605] EURO SCART OUT (PE0828)



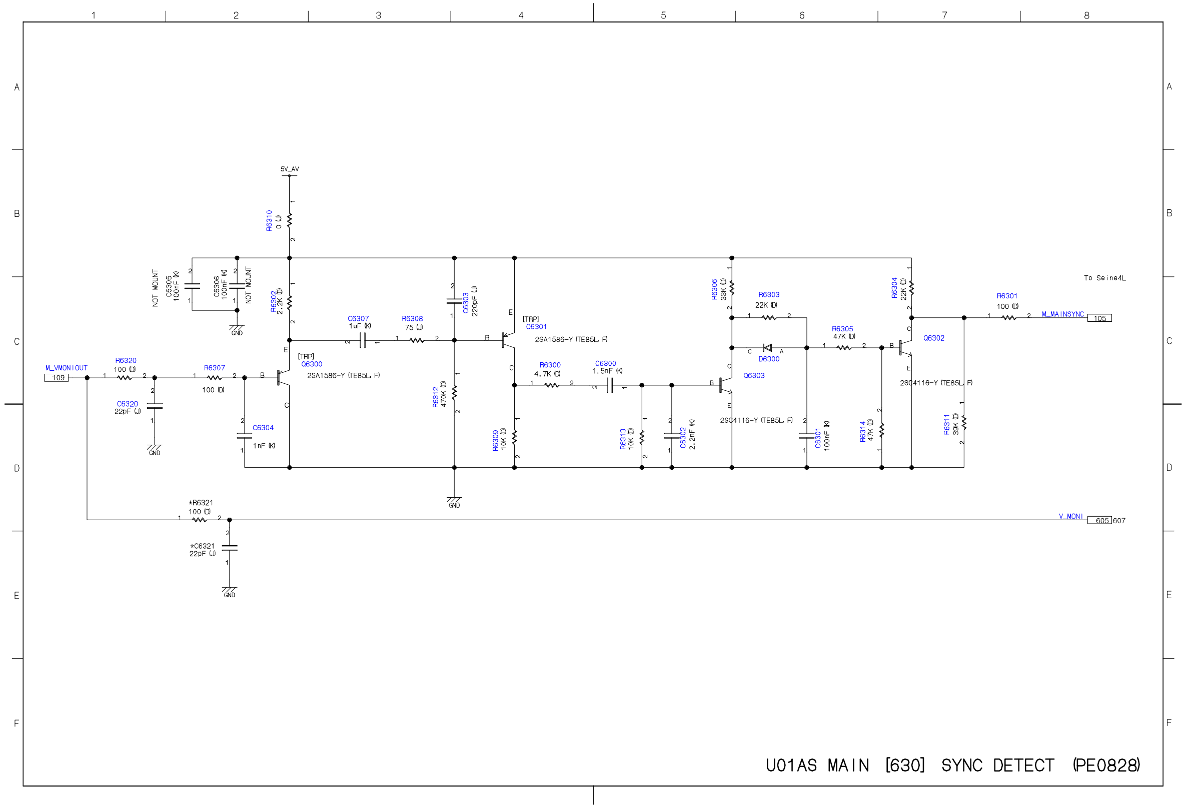
U01AS MAIN [606] AV_SW (INPUT1) (PE0828)


INPUT
SIDE AV (EXT-3)
CV_E3
R6136
33
L6070
C6064
470nF
C6108
M_VCVS4IN
NOT MOUNT
→Seine4L
EURO R6139 NOT Maunt
ASIA R6139 Maunt
3.3V_VADC
R6139
ASIA Side S-Det
V_DET3
R6141
100
M_VCOMP3IN
M_SYNCIN3
C6125
100nF
V_MONI
GND
A_L_SIDE_E3
A_R_SIDE_E3
22K
R6159
R6160
2.2uF
C6101
C6102
A_SIDE_E3_L_S4L
A_SIDE_E3_R_S4L
47K
R6162
R6161
27pF
C6093
C6092
HDMI
A_L_HDMIPC
A_R_HDMIPC
R6153
R6155
C6089
C6091
A_HDMIPC_L_S4L
A_HDMIPC_R_S4L
R6154
R6158
C6090
C6094
ANALOG TUNER
V_TV
W6154
C6067
R6138
125mW
75
M_VCVS1IN
C6117
→Seine4L
U01AS MAIN [607] AV_SW (IN2/OUT1) (PE0828)

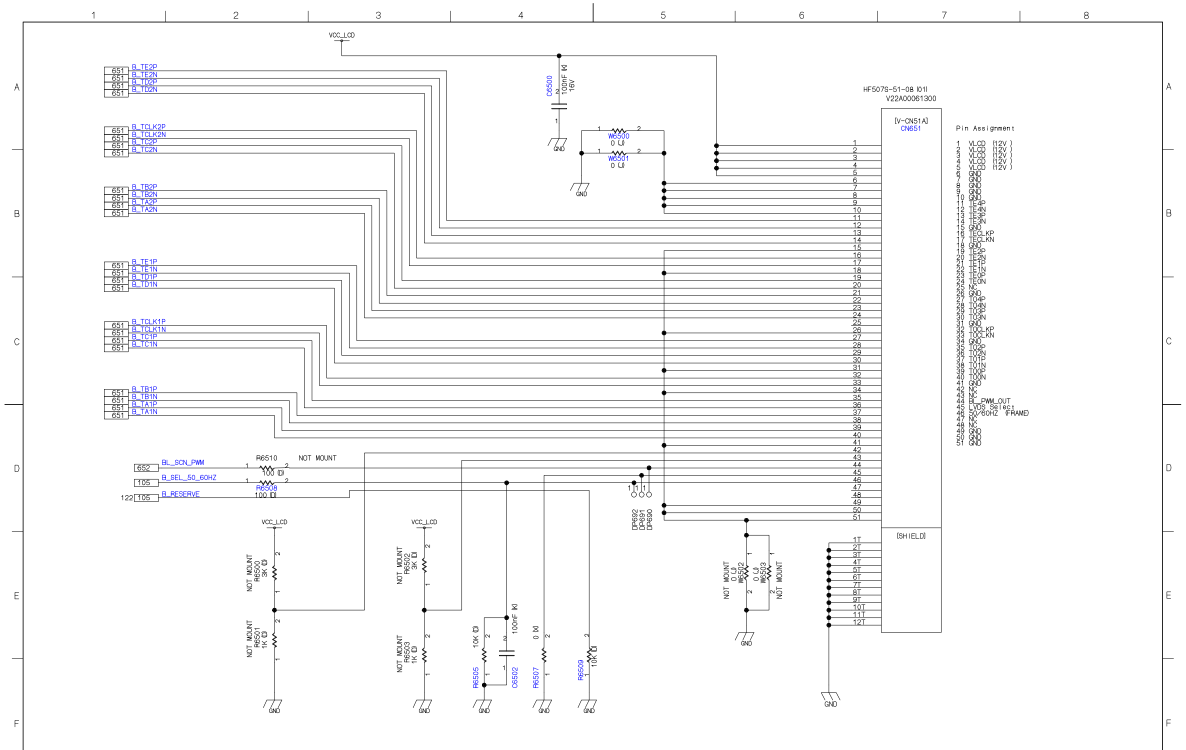


U01AS MAIN [608] AV_SW (OUTPUT2) (PE0828)

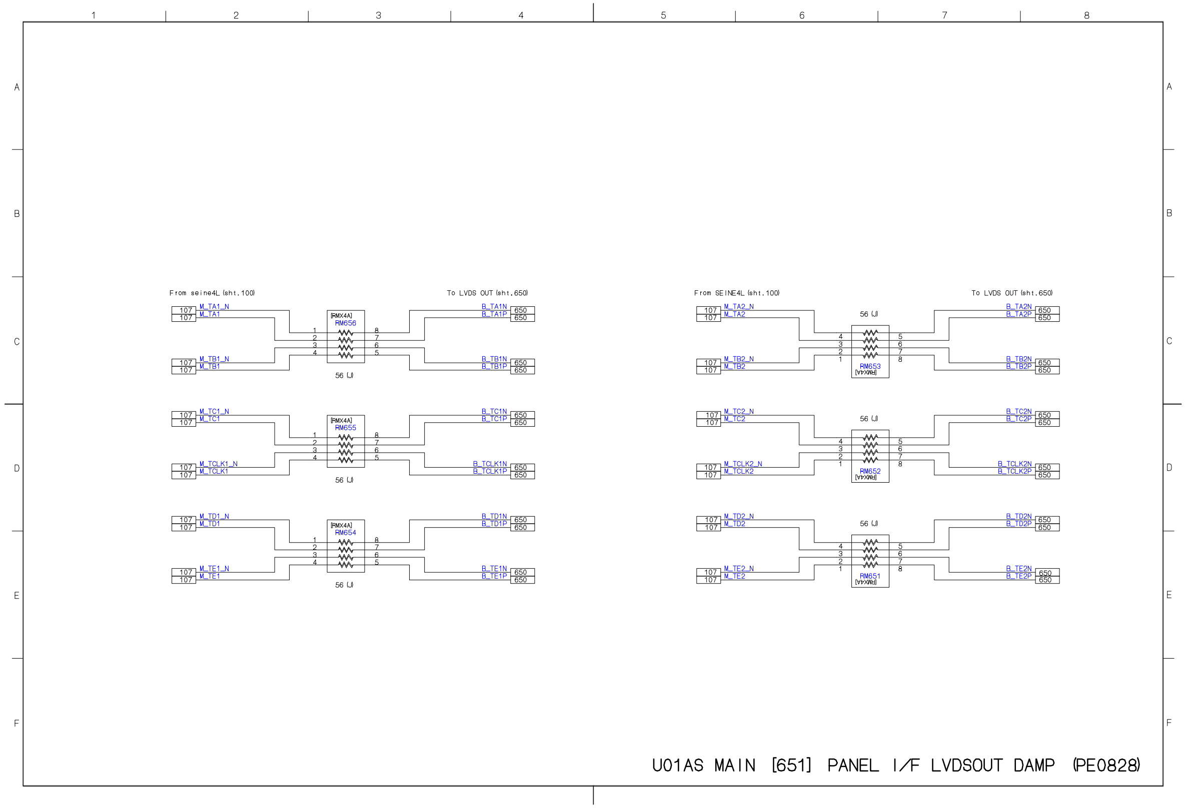
U01AS MAIN [609] HDMI PC AUDIO (PE0828)



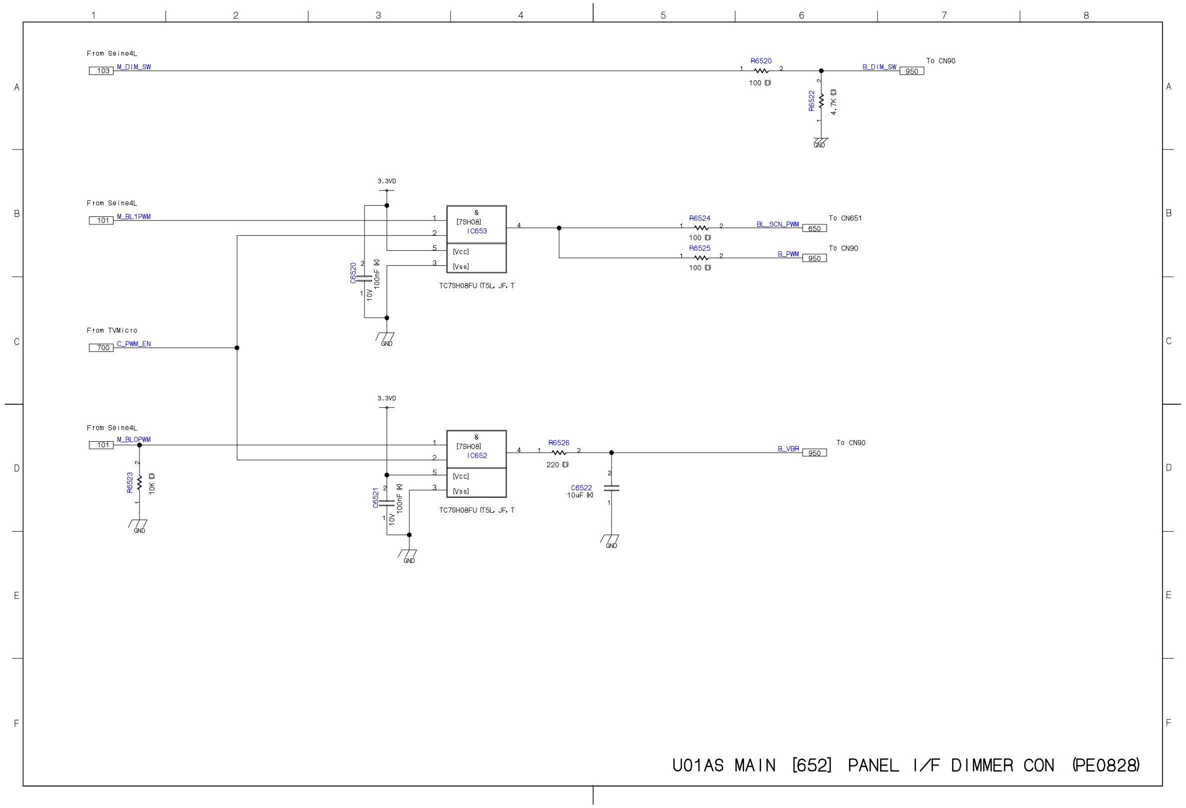
5V_AV
R6310 0 (J)
C6305 100nF (K) NOT MOUNT
C6306 100nF (K) NOT MOUNT
R6302 2.2K (D)
C6307 1uF (K)
R6308 75 (J)
C6303 220pF (J)
[TRP] Q6301 2SA1586-Y (TE85L, F)
[TRP] Q6300 2SA1586-Y (TE85L, F)
M_VMONIOUT
109
R6320 100 (D)
C6320 22pF (J)
R6307 100 (D)
C6304 1nF (K)
R6312 470K (D)
R6309 10K (D)
R6300 4.7K (D)
C6300 1.5nF (K)
R6313 15K (D)
C6302 2.2nF (K)
R6306 33K (D)
R6303 22K (D)
D6300
Q6303 2SC4116-Y (TE85L, F)
C6301 100nF (K)
R6305 47K (D)
R6314 47K (D)
R6304 22K (D)
Q6302 2SC4116-Y (TE85L, F)
R6311 39K (D)
R6301 100 (D)
M_MAINSYNC
105
To Seine4L
*R6321 100 (D)
*C6321 22pF (J)
V_MONI
605 607
GND
U01AS MAIN [630] SYNC DETECT (PE0828)



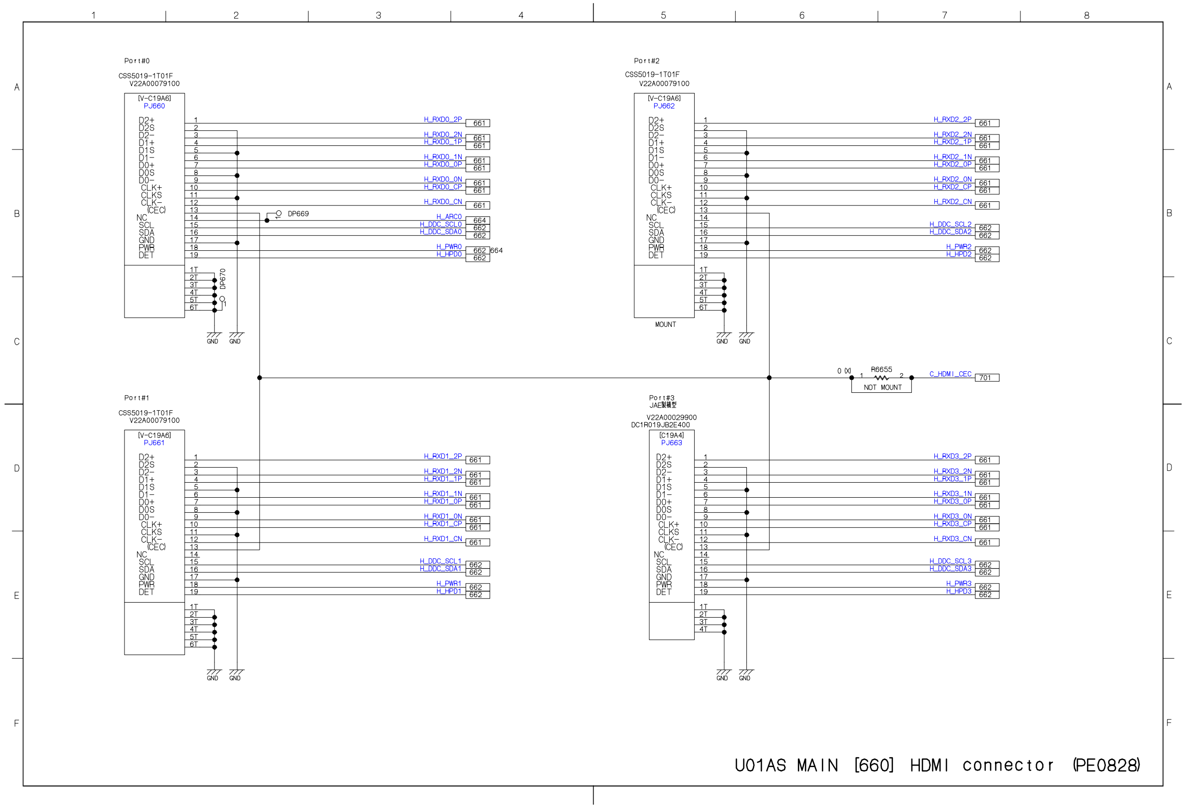
U01AS MAIN [650] LVDS CONNECTOR (PE0828)



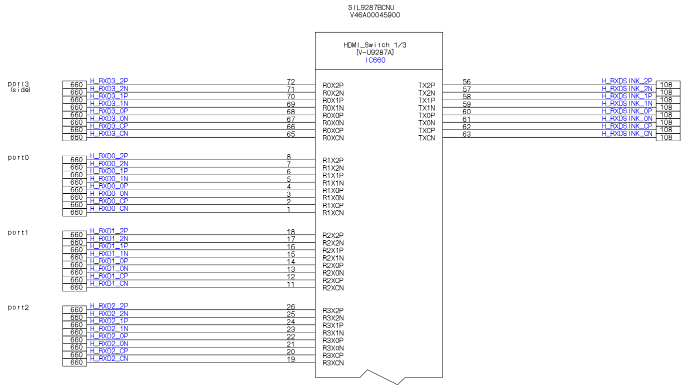
U01AS MAIN [651] PANEL I/F LVDSOUT DAMP (PE0828)



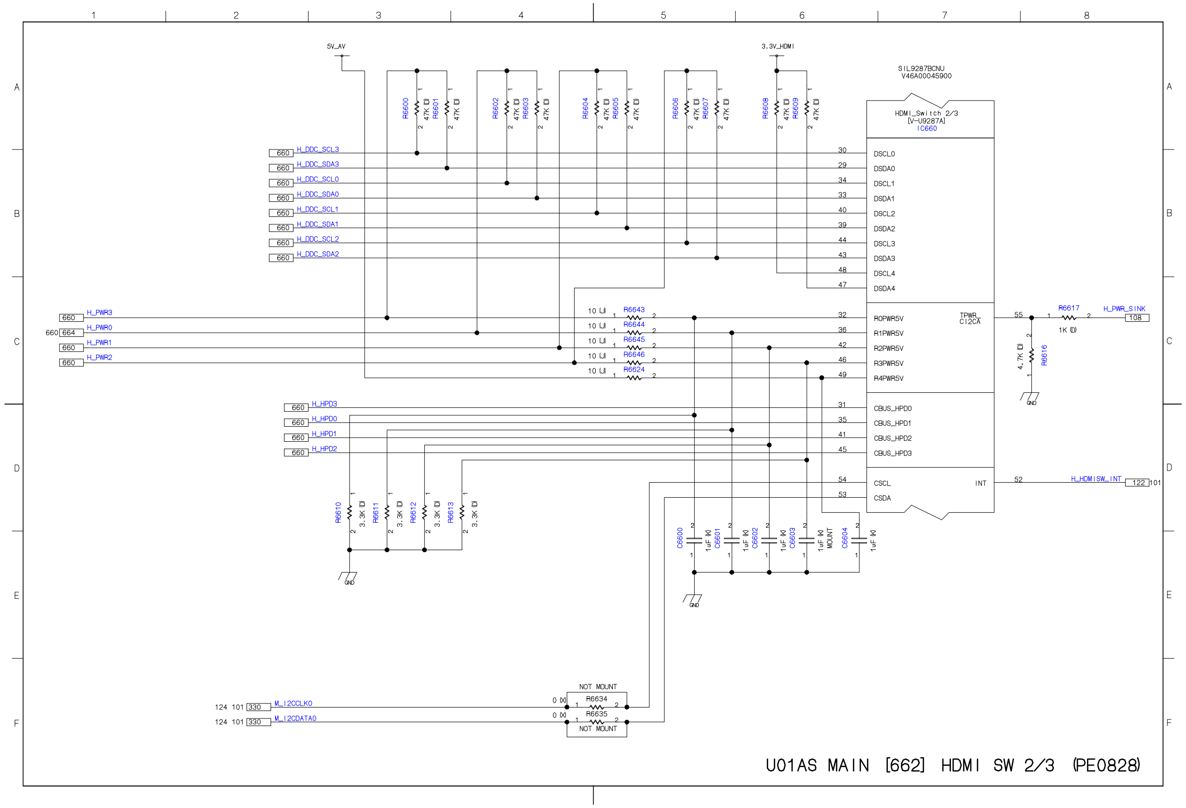
U01AS MAIN [652] PANEL I/F DIMMER CON (PE0828)



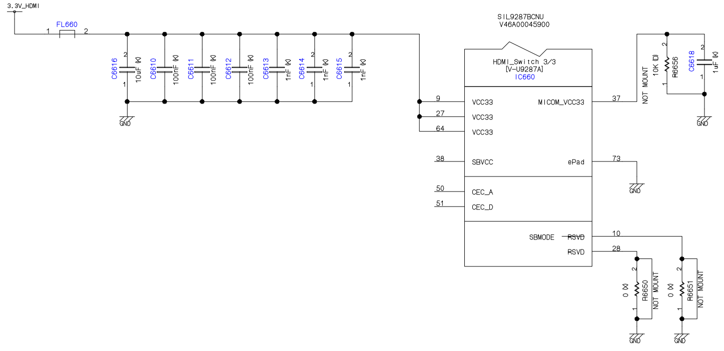
U01AS MAIN [660] HDMI connector (PE0828)



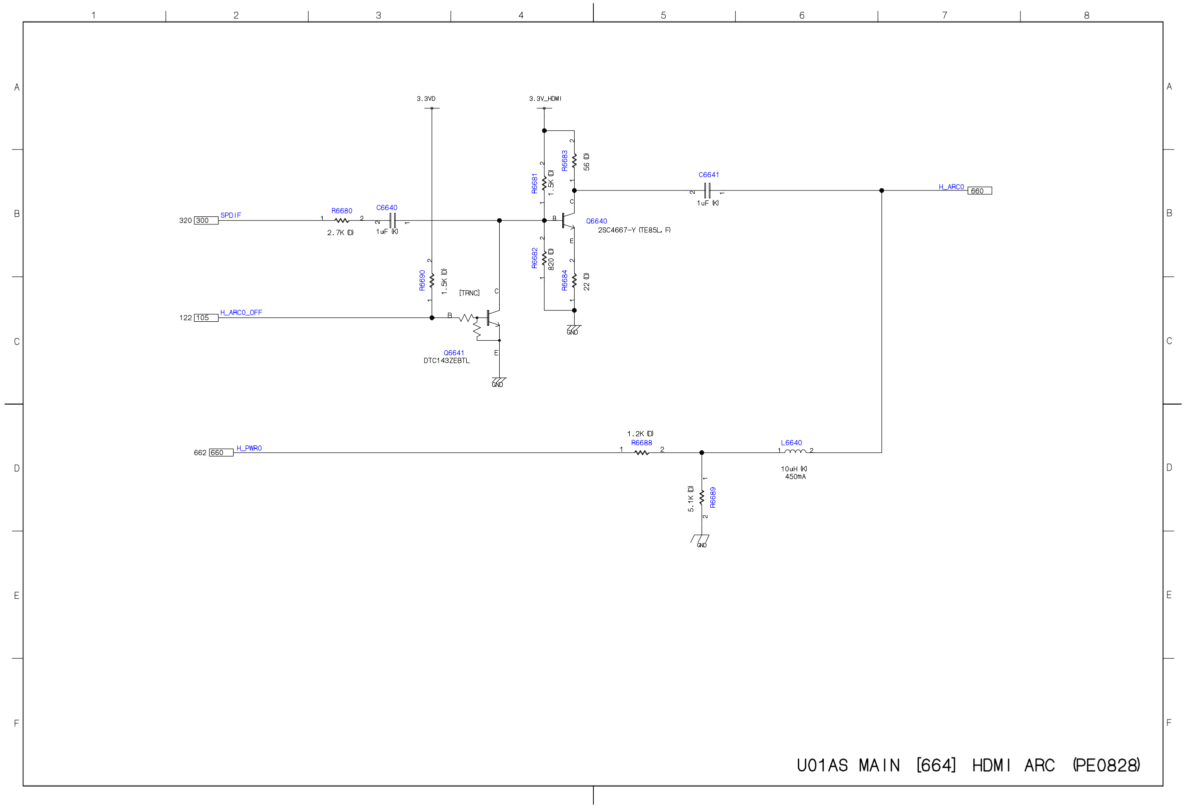
U01AS MAIN [661] HDMI SW 1/3 (PE0828)



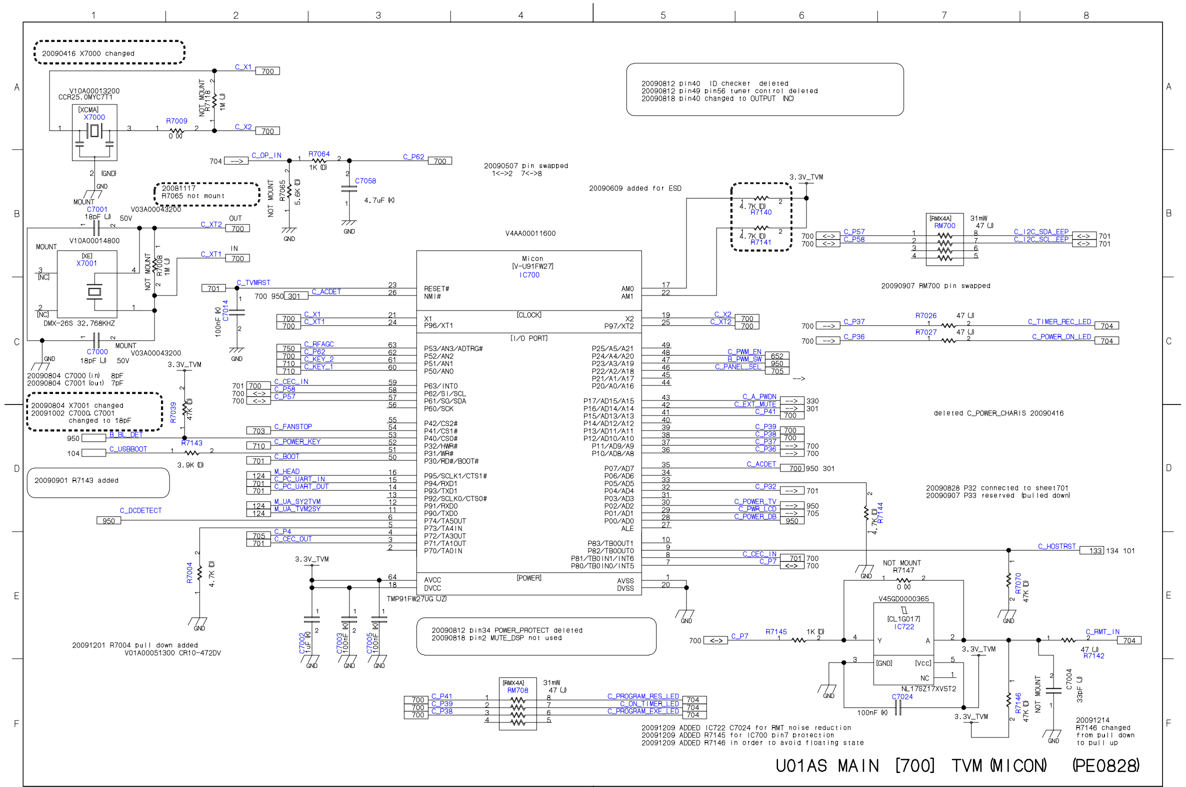
U01AS MAIN [662] HDMI SW 2/3 (PE0828)



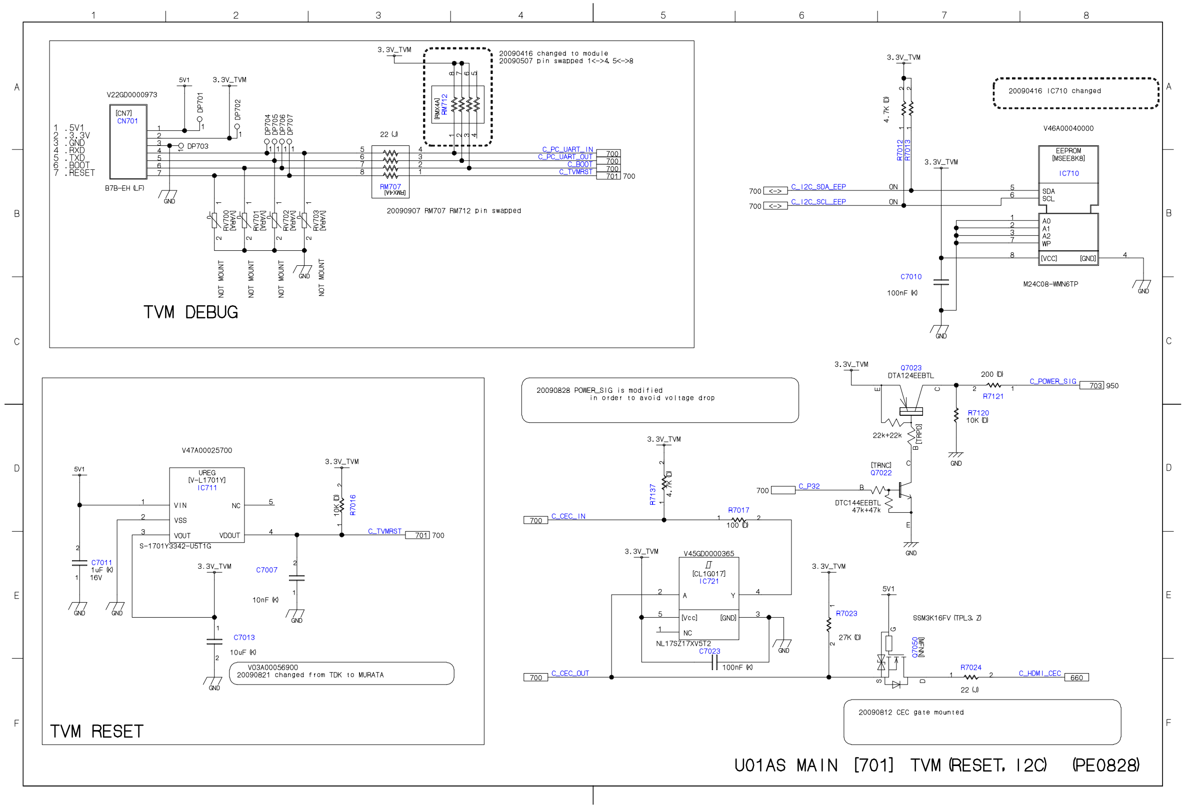
U01AS MAIN [663] HDMI SW 3/3 (PE0828)



U01AS MAIN [664] HDMI ARC (PE0828)

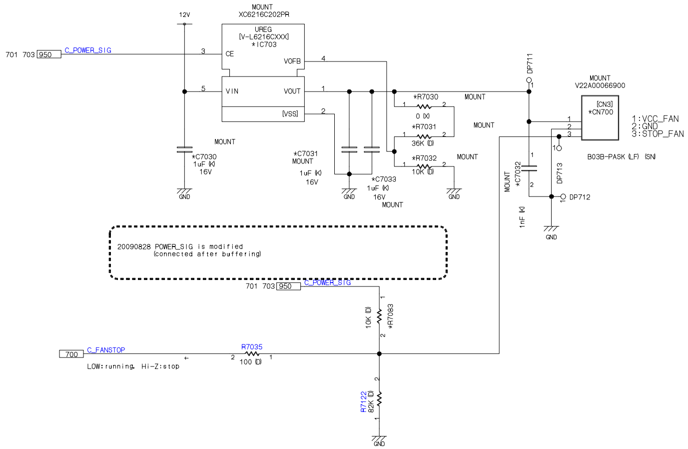


20090416 X7000 changed
V10A00013200
CCR25.0MYC7T1
X7000
R7009
20081117
R7065 not mount
V03A00043200
V10A00014800
X7001
DMX-26S 32.768KHZ
C7000
C7001
20090804 C7000 (in) 8pF
20090804 C7001 (out) 7pF
20090804 X7001 changed
20091002 C7000, C7001
changed to 18pF
20090901 R7143 added
R7004
20091201 R7004 pull down added
V01A00051300 CR10-4720V
20090812 pin40 ID checker deleted
20090812 pin49 pin56 tuner control deleted
20090818 pin40 changed to OUTPUT (NC)
20090507 pin swapped
1<->2 7<->8
20090609 added for ESD
V4AA00011600
Micon
[V-U91FW27]
IC700
TMP91FW27UG (JZ)
20090907 RM700 pin swapped
deleted C_POWER_CHARIS 20090416
20090828 P32 connected to sheet701
20090907 P33 reserved (pulled down)
20090812 pin34 POWER_PROTECT deleted
20090818 pin2 MUTE_DSP not used
V45G00000365
[CL1G017]
IC722
NL17SZ17XV5T2
20091209 ADDED IC722 C7024 for RMT noise reduction
20091209 ADDED R7145 for IC700 pin7 protection
20091209 ADDED R7146 in order to avoid floating state
20091214
R7146 changed
from pull down
to pull up
U01AS MAIN [700] TVM (MICON) (PE0828)



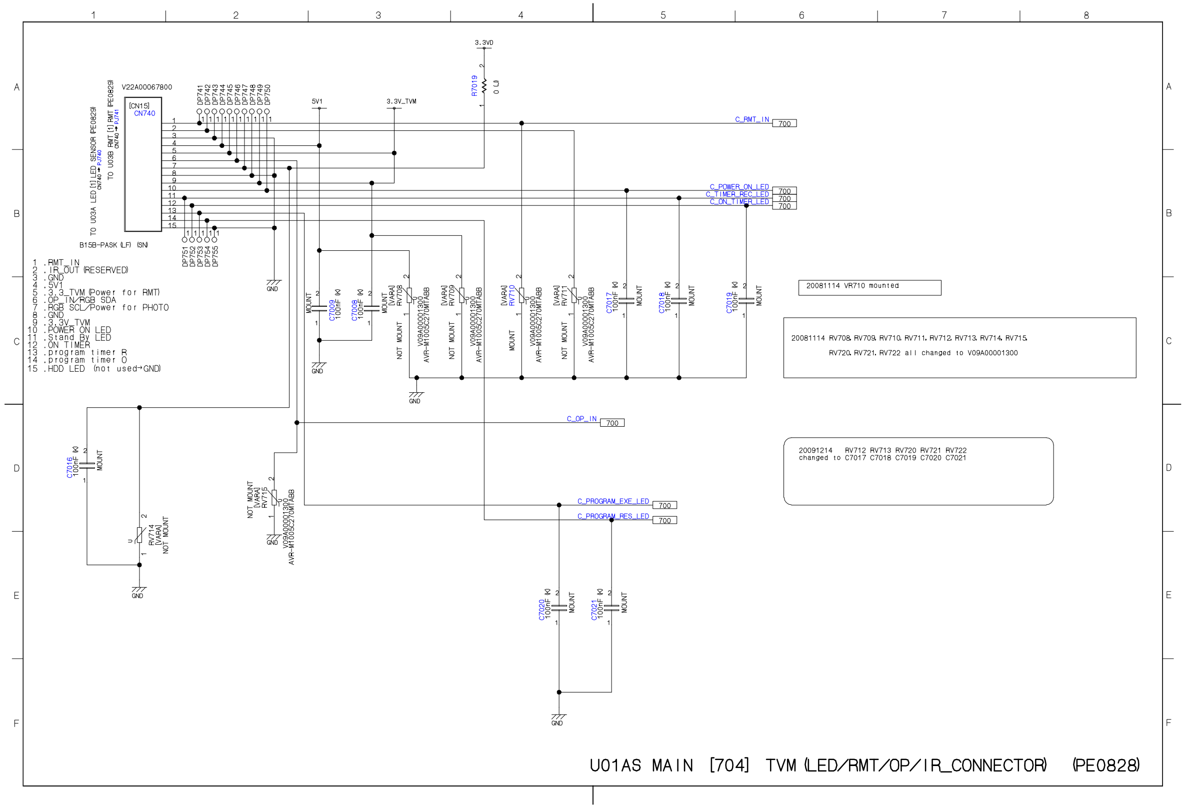
TVM DEBUG
TVM RESET
20090416 changed to module
20090507 pin swapped 1<->4, 5<->8
20090907 RM707 RM712 pin swapped
20090416 IC710 changed
20090828 POWER_SIG is modified in order to avoid voltage drop
20090821 changed from TDK to MURATA
20090812 CEC gate mounted
U01AS MAIN [701] TVM(RESET, I2C) (PE0828)

20090812 FAN regulator mounted

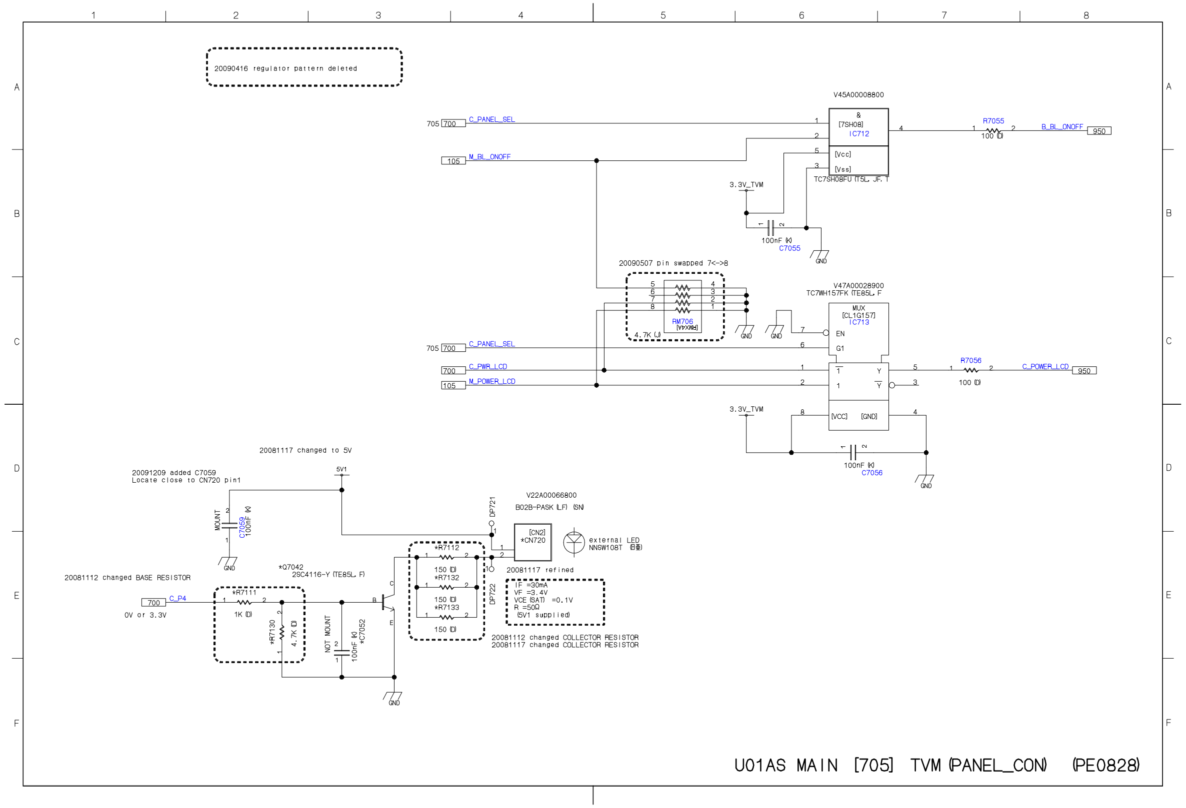


20090828 POWER_SIG is modified
(connected after buffering)

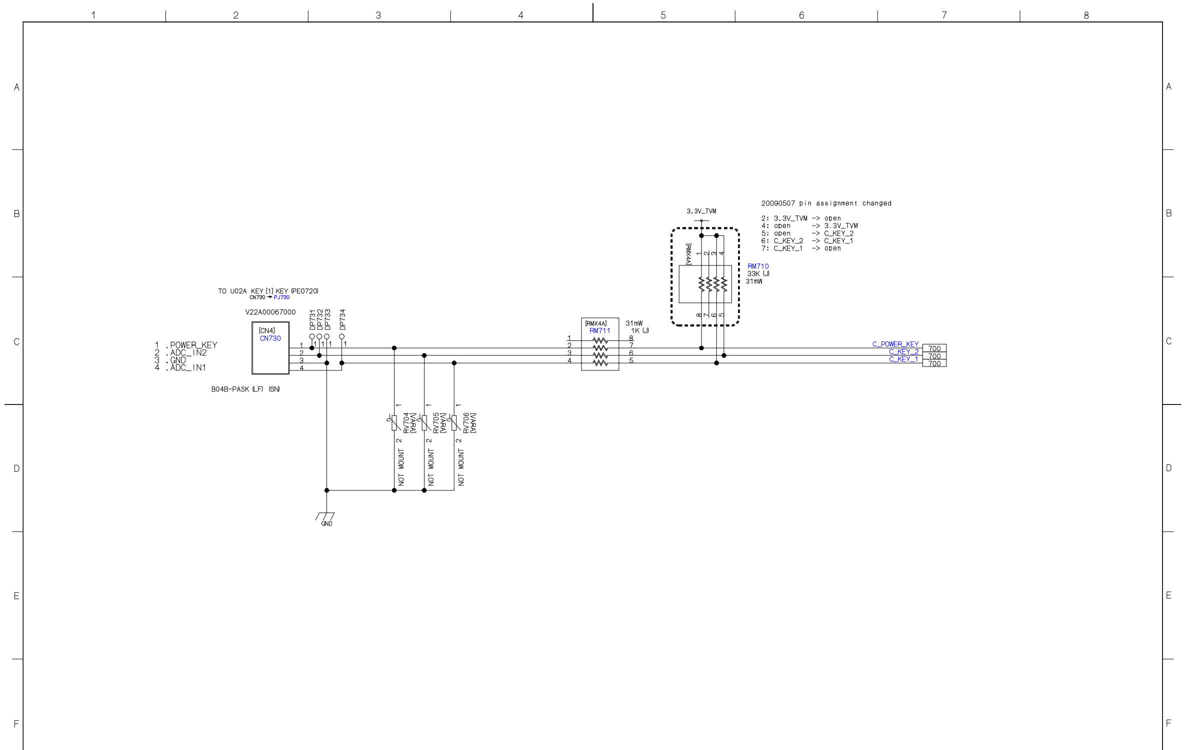
U01AS MAIN [703] TVM (FAN CONTROL) (PE0828)



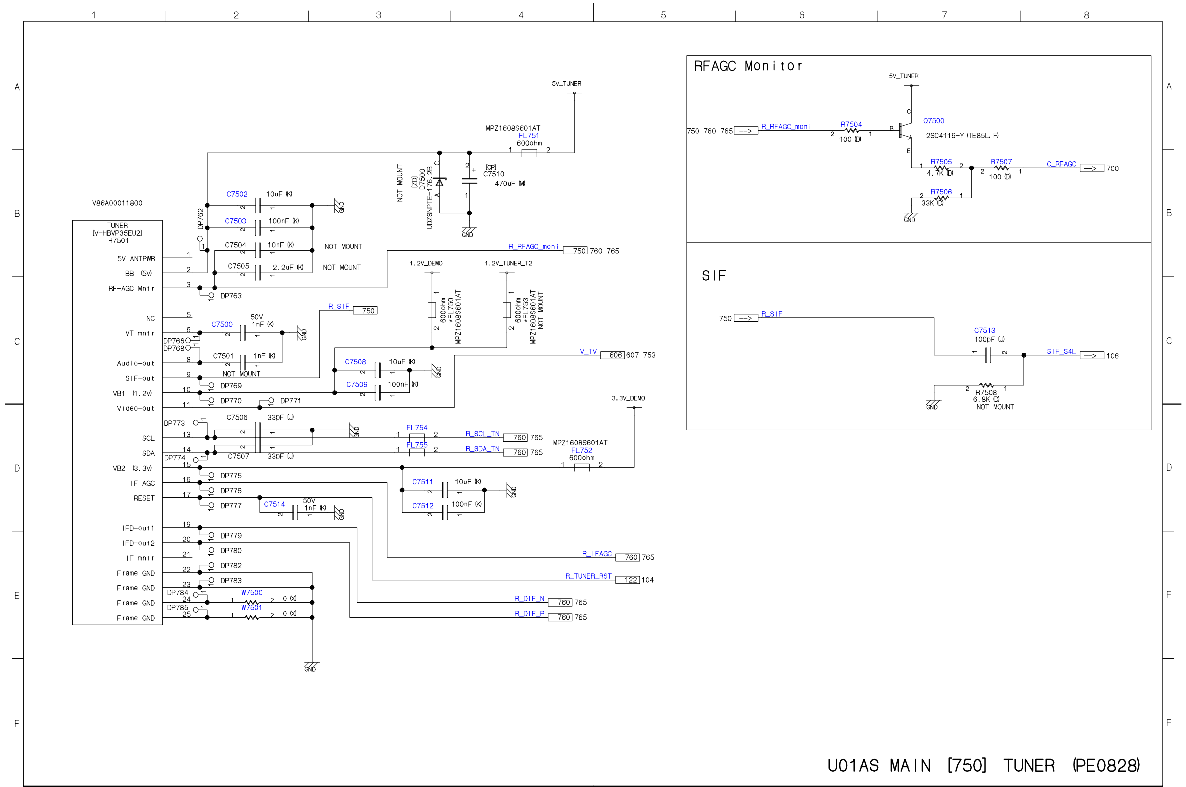
U01AS MAIN [704] TVM (LED/RMT/OP/IR_CONNECTOR) (PE0828)



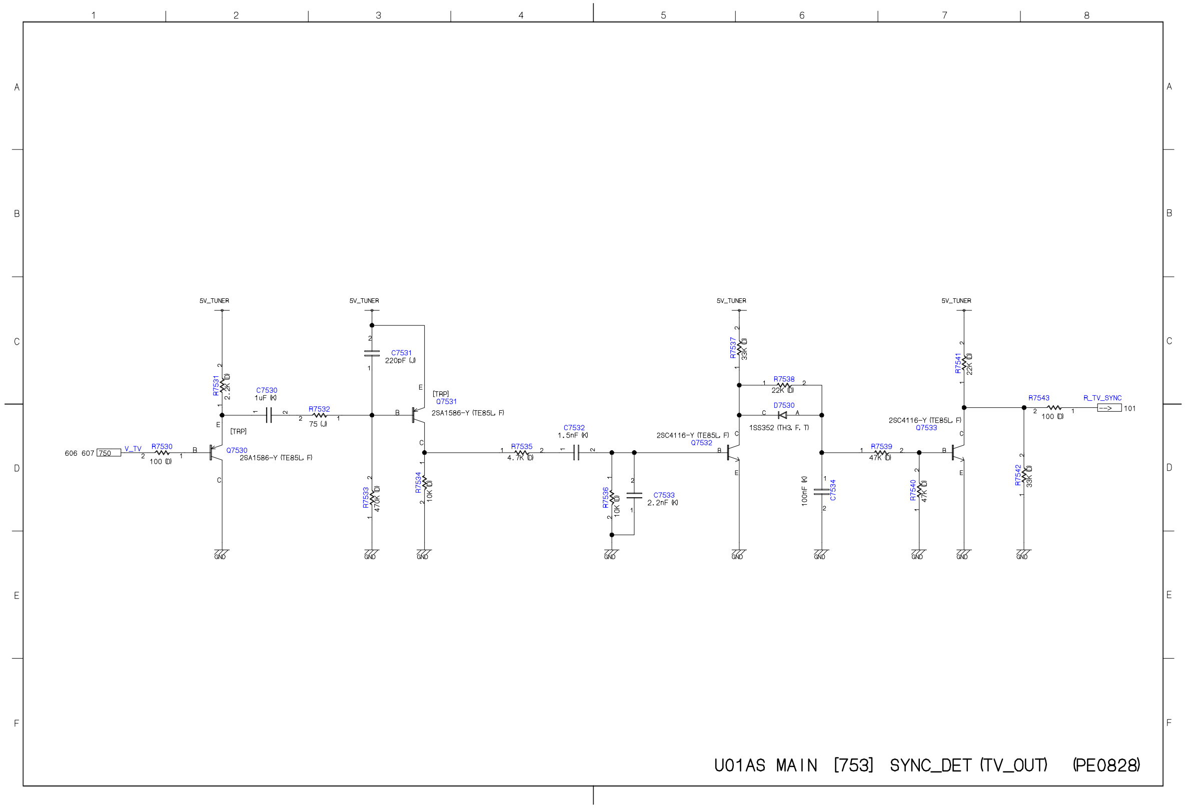
U01AS MAIN [705] TVM(PANEL_CON) (PE0828)



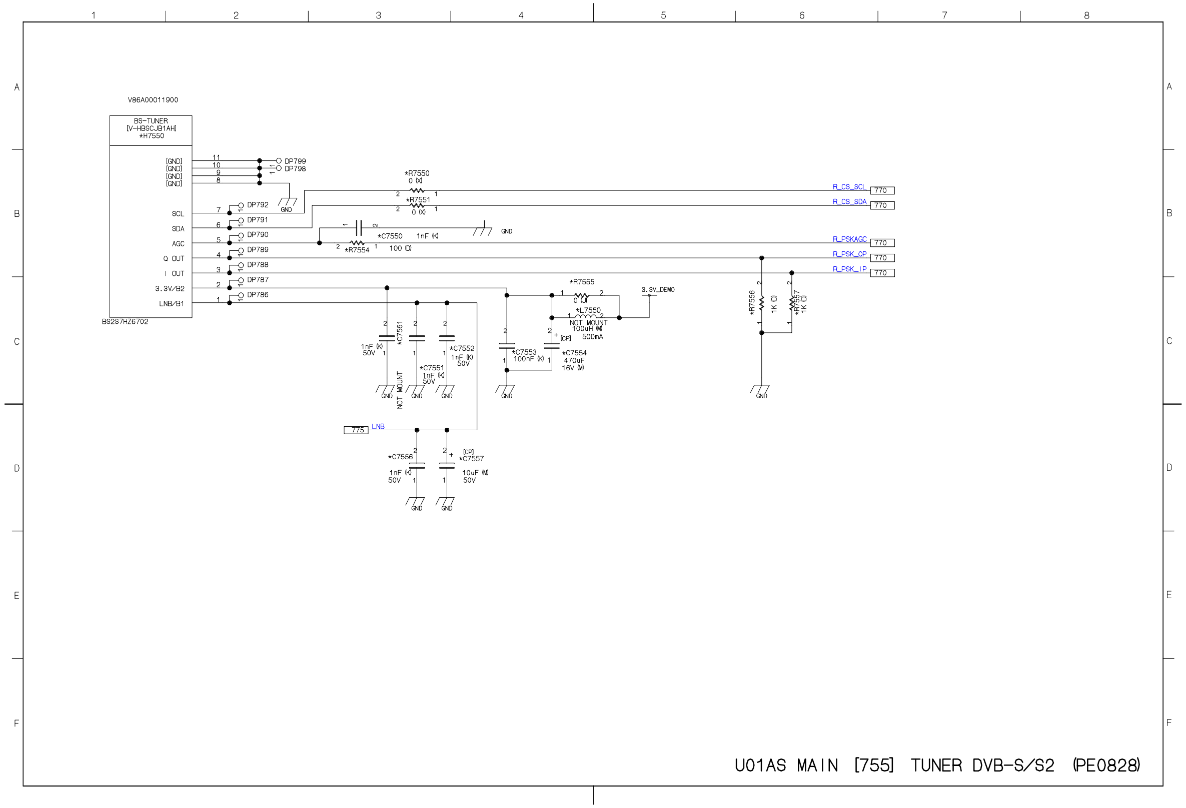
U01AS MAIN [710] TVM (KEY CONNECTOR) (PE0828)



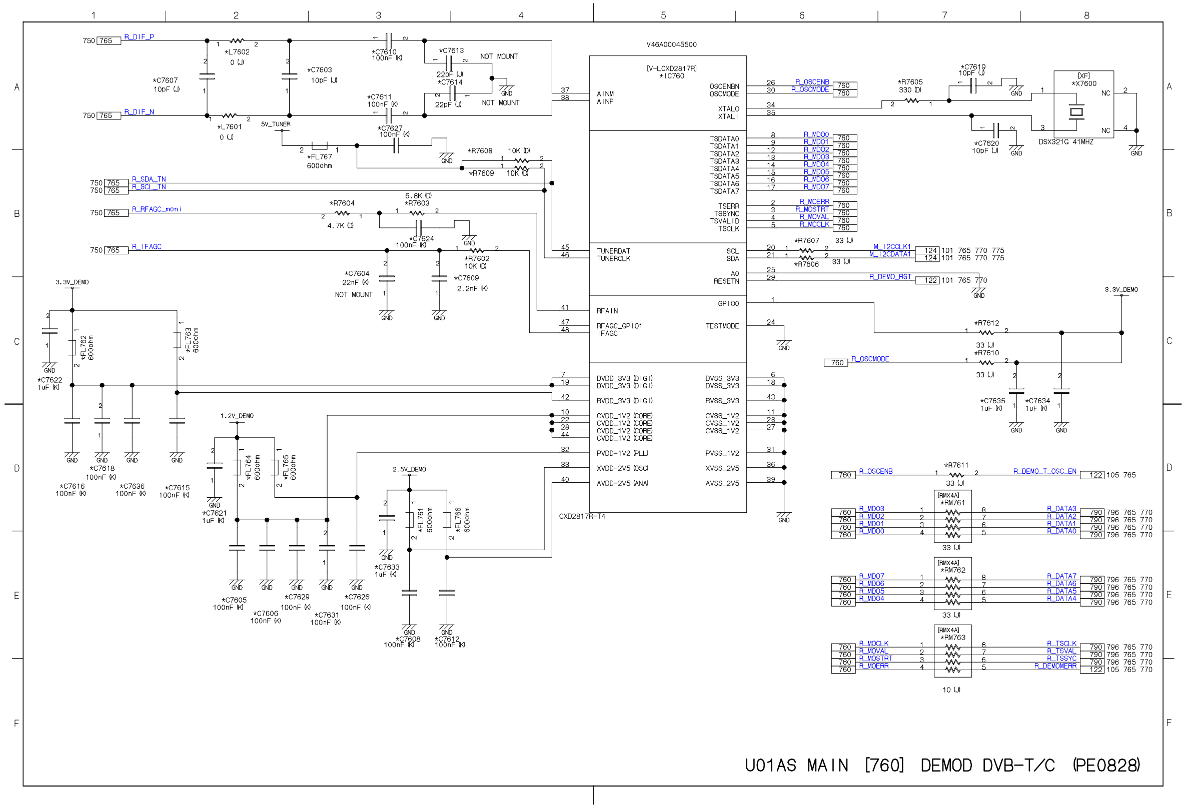
U01AS MAIN [750] TUNER (PE0828)



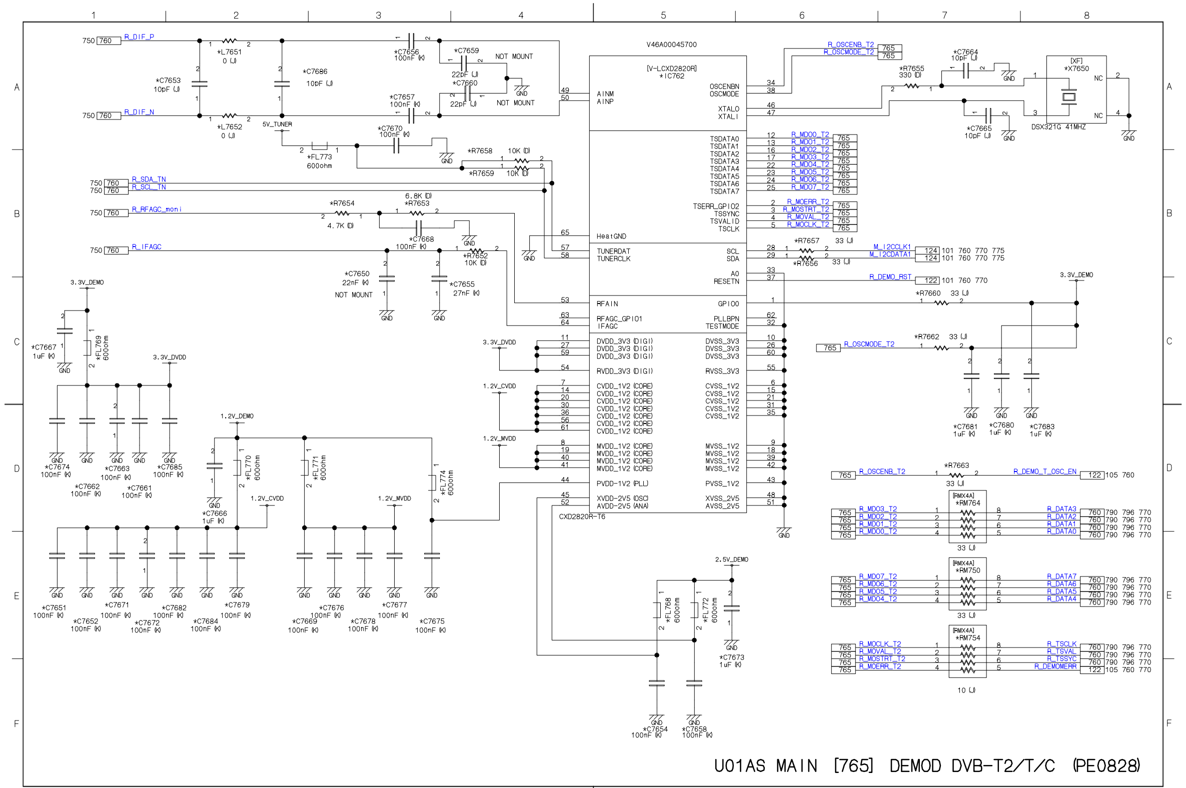
U01AS MAIN [753] SYNC_DET (TV_OUT) (PE0828)

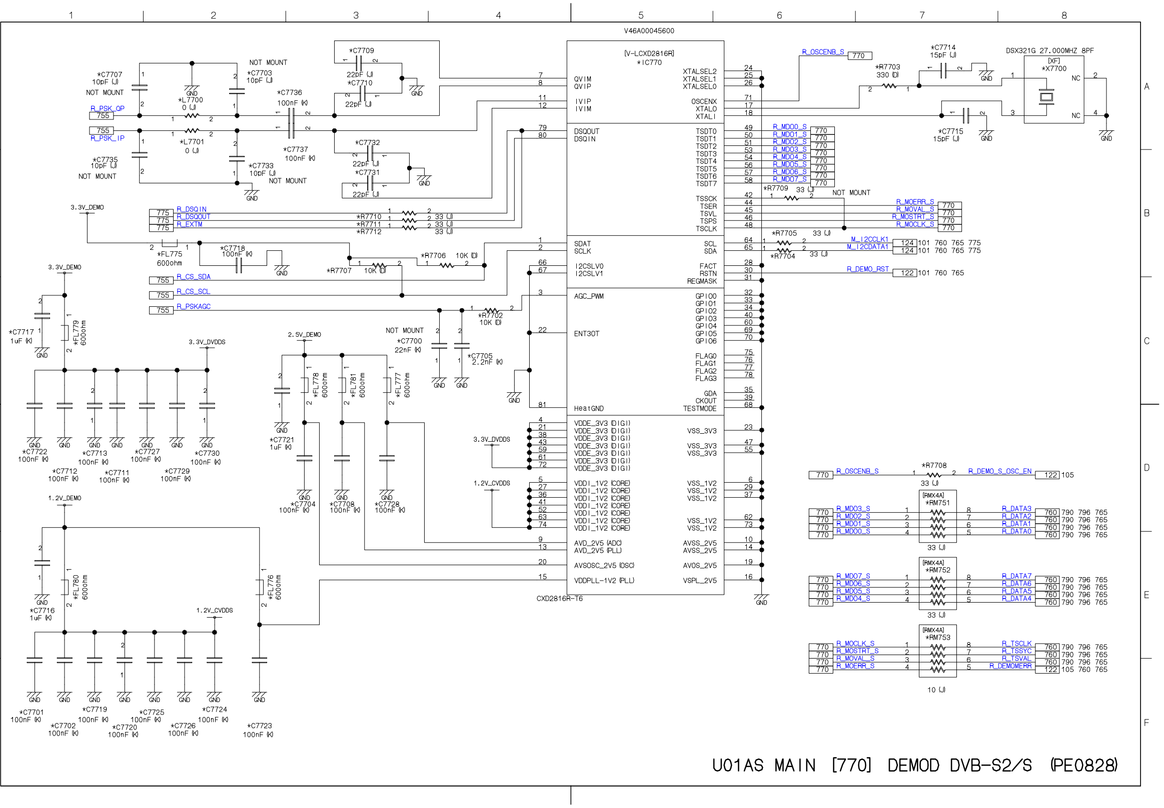


U01AS MAIN [755] TUNER DVB-S/S2 (PE0828)

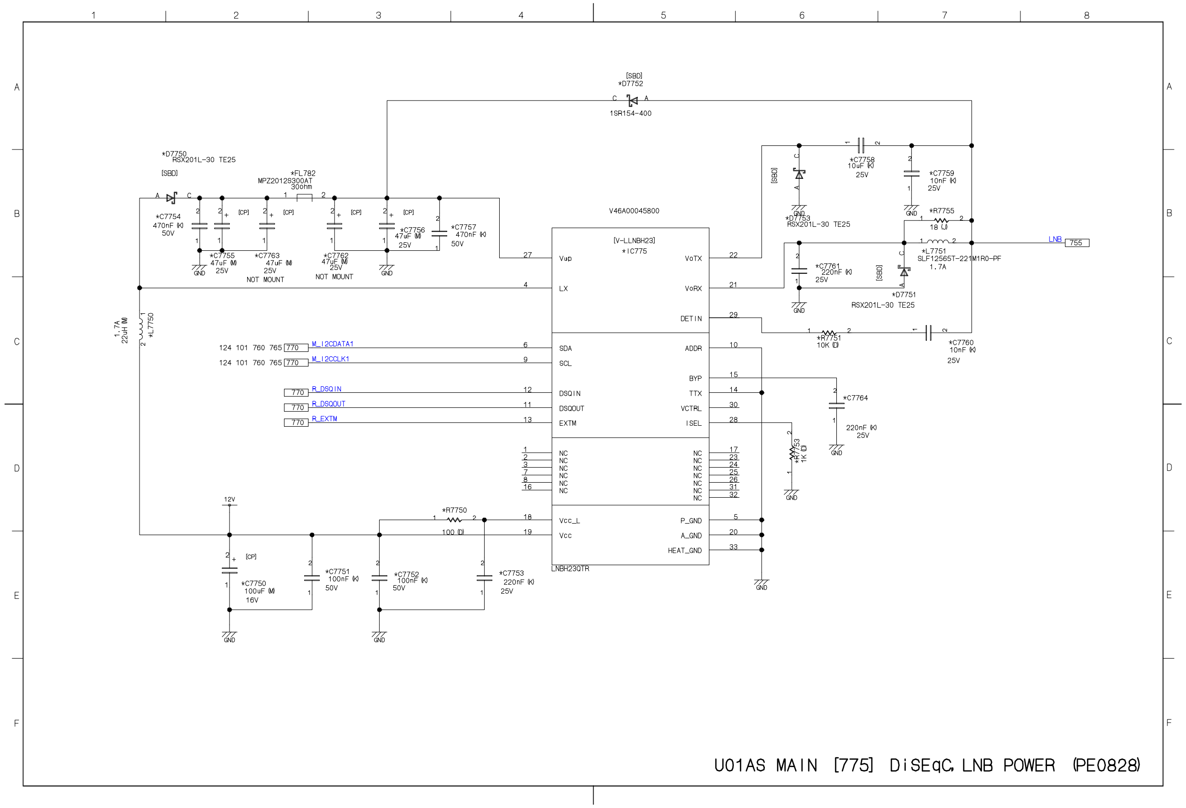


U01AS MAIN [760] DEMOD DVB-T/C (PE0828)

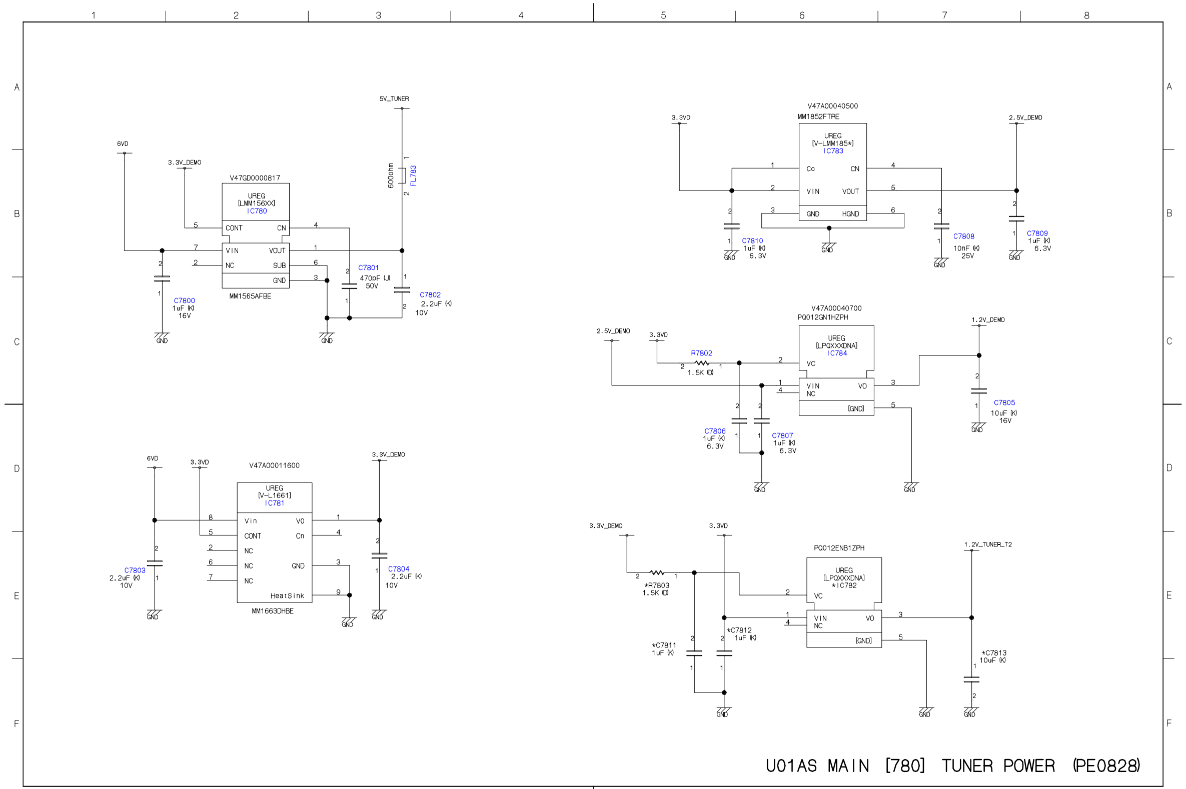

U01AS MAIN [765] DEMOD DVB-T2/T/C (PE0828)
V46A00045700
[V-LCXD2820R]
*IC762
CXD2820R-T6
AINM
AINP
OSCENBN
OSCMODE
XTALO
XTALI
TSDATA0
TSDATA1
TSDATA2
TSDATA3
TSDATA4
TSDATA5
TSDATA6
TSDATA7
TSERR_GPIO2
TSSYNC
TSVALID
TSCLK
HeatGND
TUNERDAT
TUNERCLK
SCL
SDA
A0
RESETN
RFAIN
GPIO0
RFAGC_GPIO1
IFAGC
PLLBPN
TESTMODE
3.3V_DEMO
3.3V_DVDD
1.2V_DEMO
1.2V_CVDD
1.2V_MVDD
2.5V_DEMO
5V_TUNER
R_DIF_P
R_DIF_N
R_SDA_TN
R_SCL_TN
R_RFAGC_moni
R_IFAGC
R_OSCENB_T2
R_OSCMODE_T2
R_DEMO_RST
R_DEMO_T_OSC_EN
M_I2CCLK1
M_I2CDATA1
DSX321G 41MHZ
NOT MOUNT



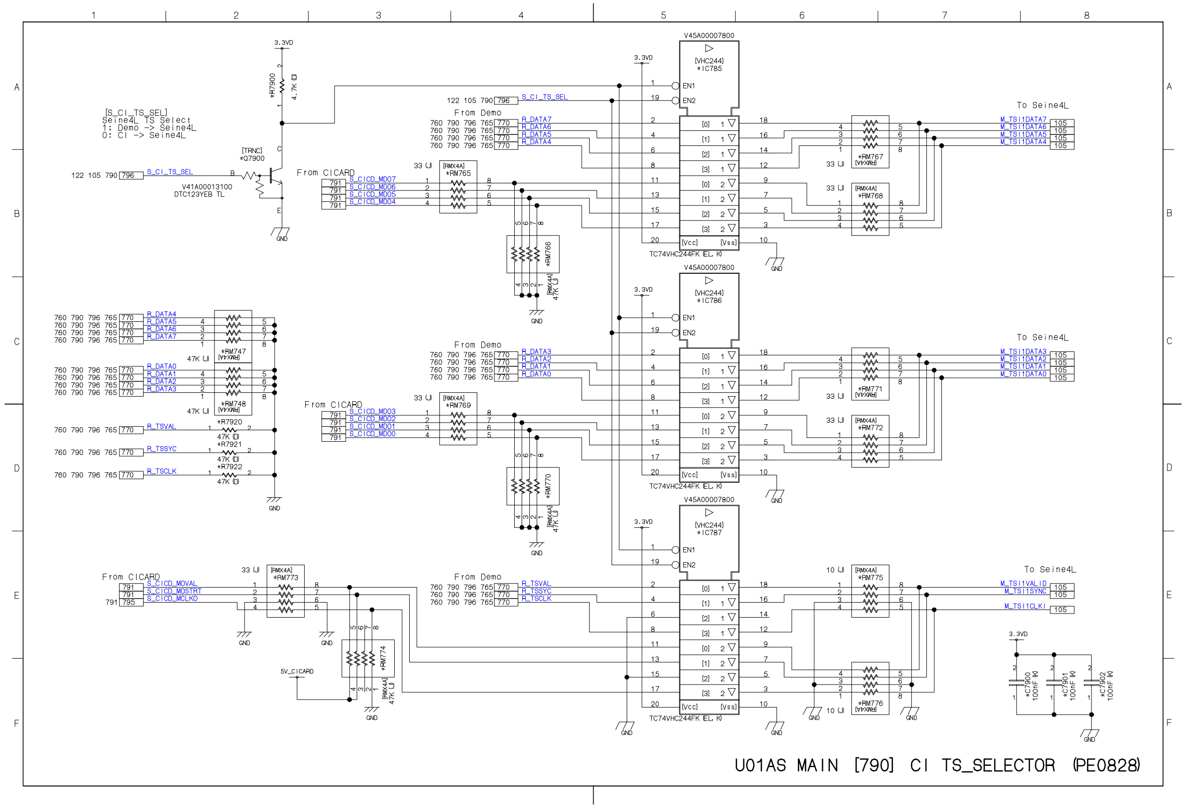
U01AS MAIN [770] DEMOD DVB-S2/S (PE0828)

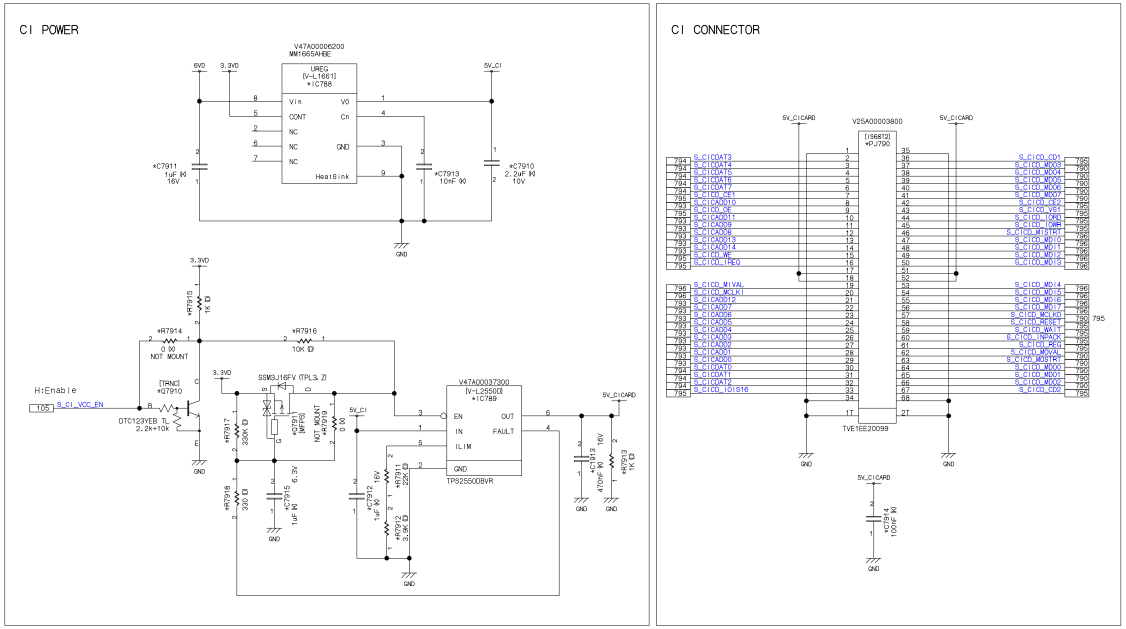


U01AS MAIN [775] DiSEqC, LNB POWER (PE0828)

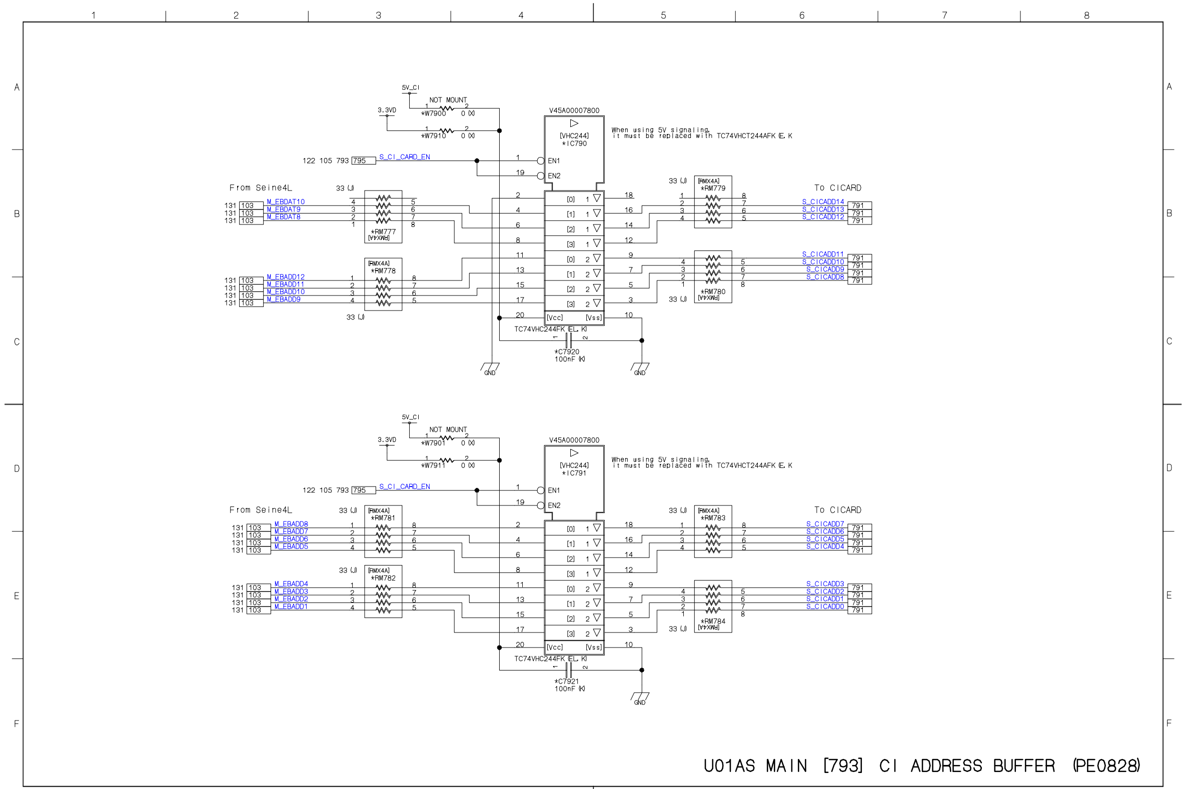


U01AS MAIN [780] TUNER POWER (PE0828)

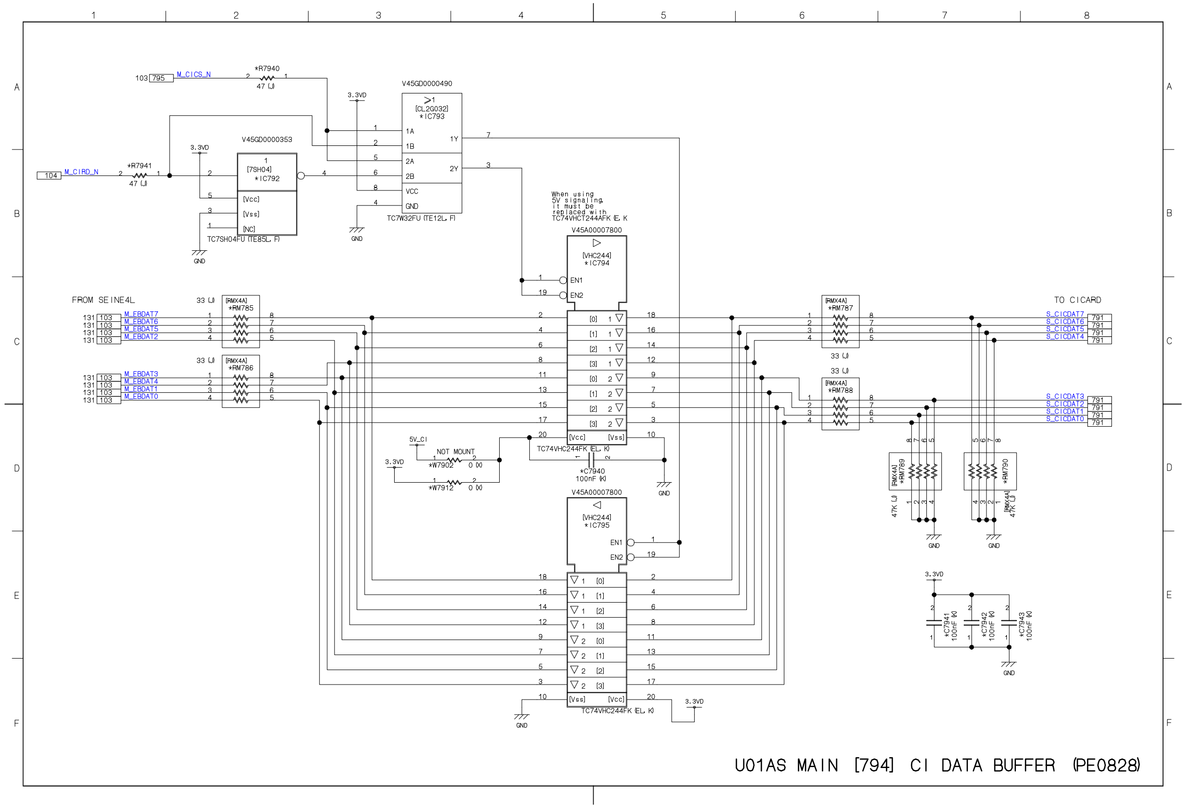

[S_CI_TS_SEL]
Seine4L TS Select
1: Demo -> Seine4L
0: CI -> Seine4L
From Demo
From CICARD
To Seine4L
V45A00007800
[VHC244]
*IC785
*IC786
*IC787
TC74VHC244FK (EL, K)
[TRNC]
*Q7900
V41A00013100
DTC123YEB TL
3.3VD
5V_CICARD
GND
S_CI_TS_SEL
R_DATA7
R_DATA6
R_DATA5
R_DATA4
R_DATA3
R_DATA2
R_DATA1
R_DATA0
R_TSVAL
R_TSSYC
R_TSCLK
S_CICD_MDO7
S_CICD_MDO6
S_CICD_MDO5
S_CICD_MDO4
S_CICD_MDO3
S_CICD_MDO2
S_CICD_MDO1
S_CICD_MDO0
S_CICD_MOVAL
S_CICD_MOSTRT
S_CICD_MCLKO
M_TSI1DATA7
M_TSI1DATA6
M_TSI1DATA5
M_TSI1DATA4
M_TSI1DATA3
M_TSI1DATA2
M_TSI1DATA1
M_TSI1DATA0
M_TSI1VALID
M_TSI1SYNC
M_TSI1CLKI
U01AS MAIN [790] CI TS_SELECTOR (PE0828)



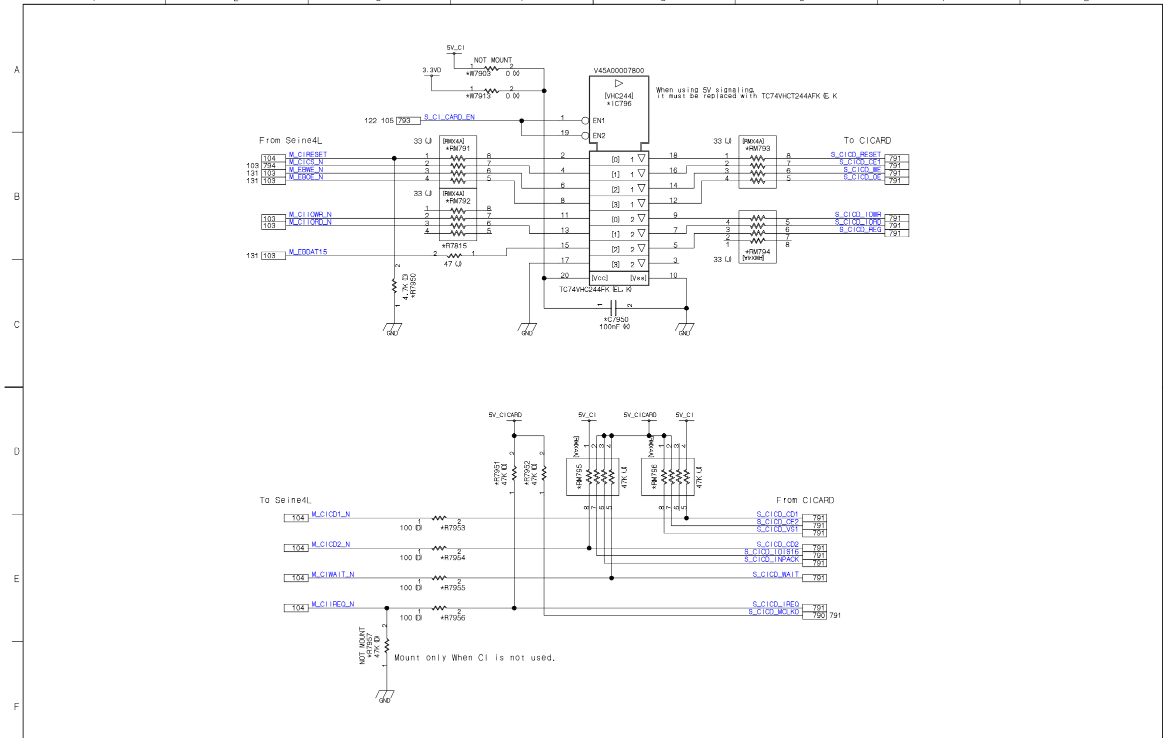
U01AS MAIN [791] CI POWER/CONNECTOR (PE0828)



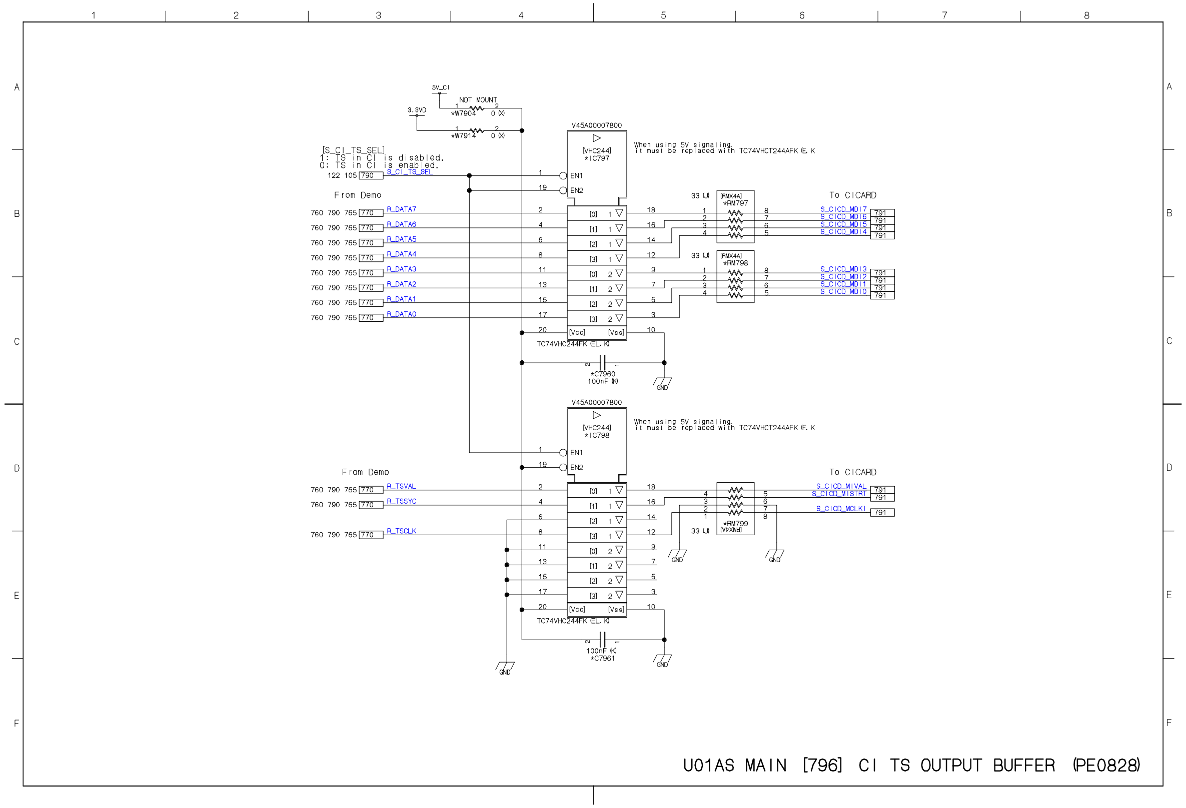
U01AS MAIN [793] CI ADDRESS BUFFER (PE0828)



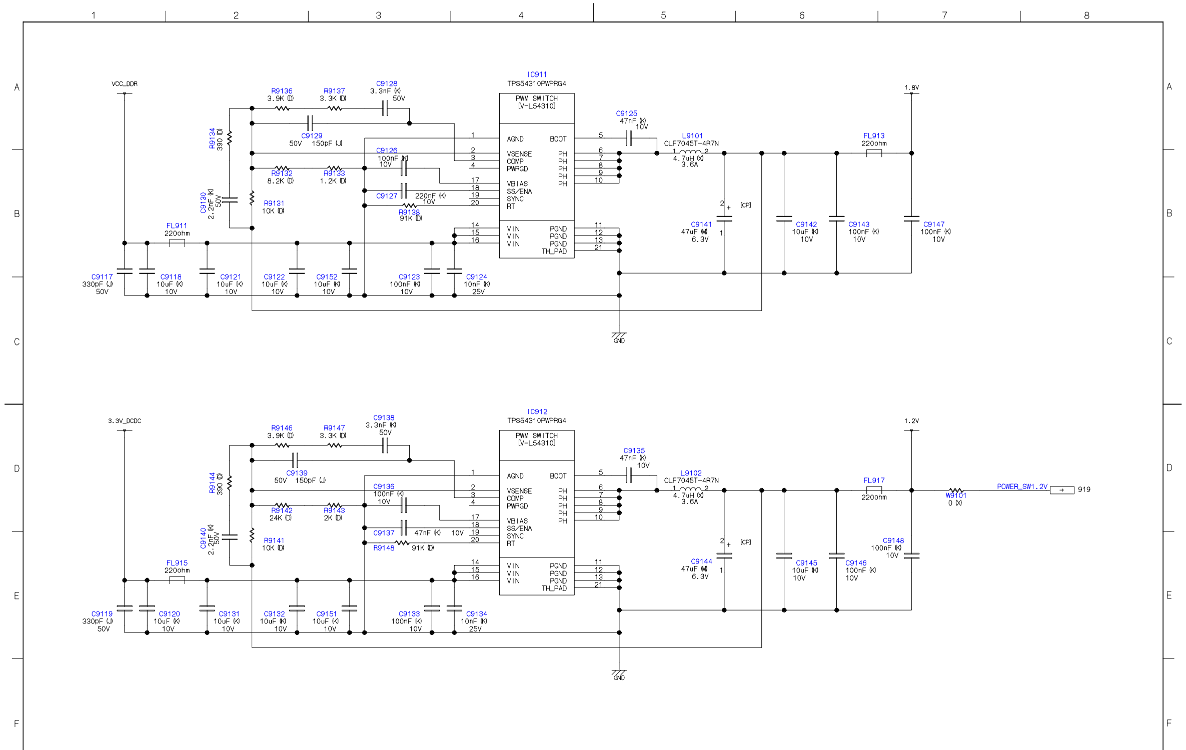
U01AS MAIN [794] CI DATA BUFFER (PE0828)



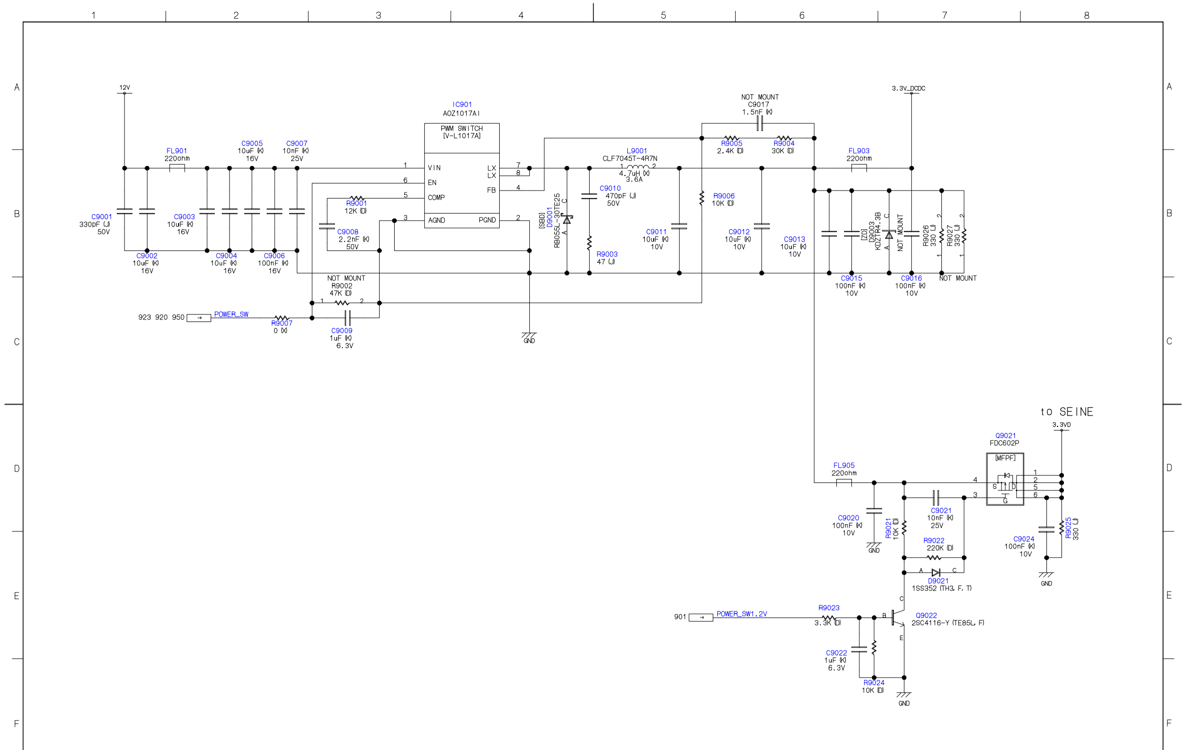
U01AS MAIN [795] CI CONTROL BUFFER (PE0828)



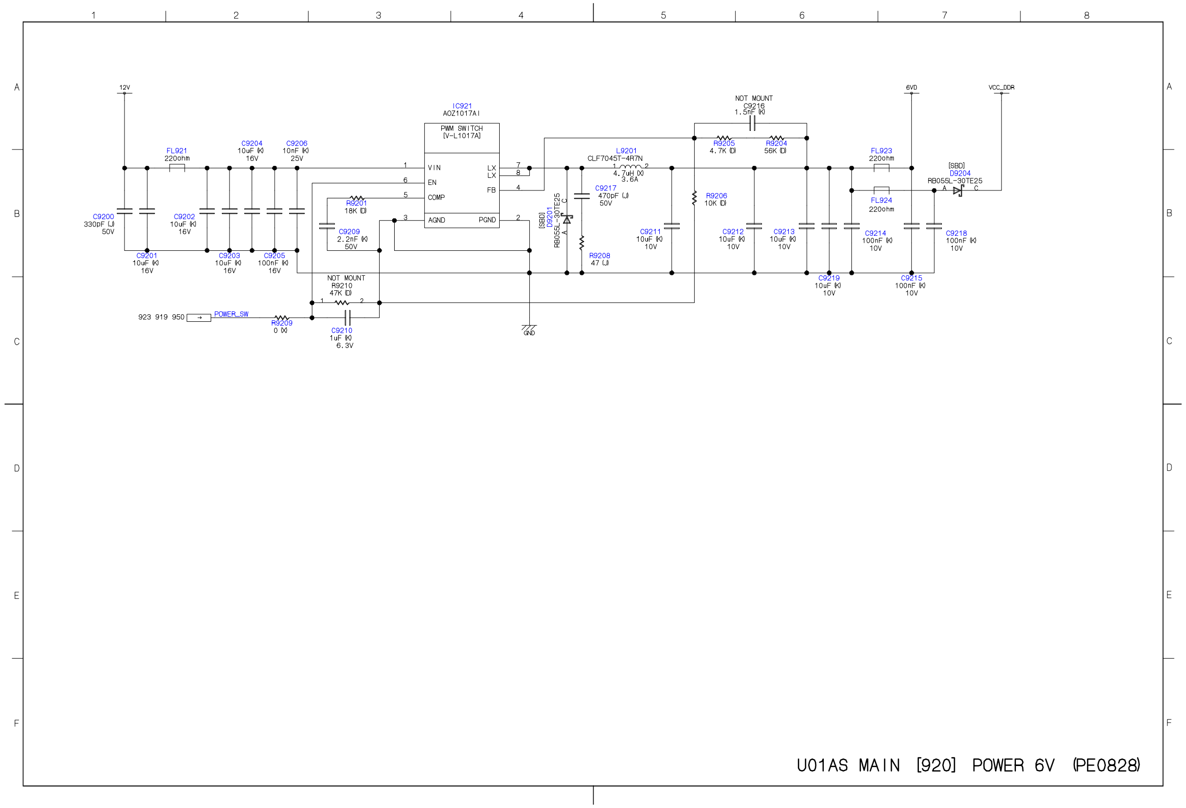
U01AS MAIN [796] CI TS OUTPUT BUFFER (PE0828)



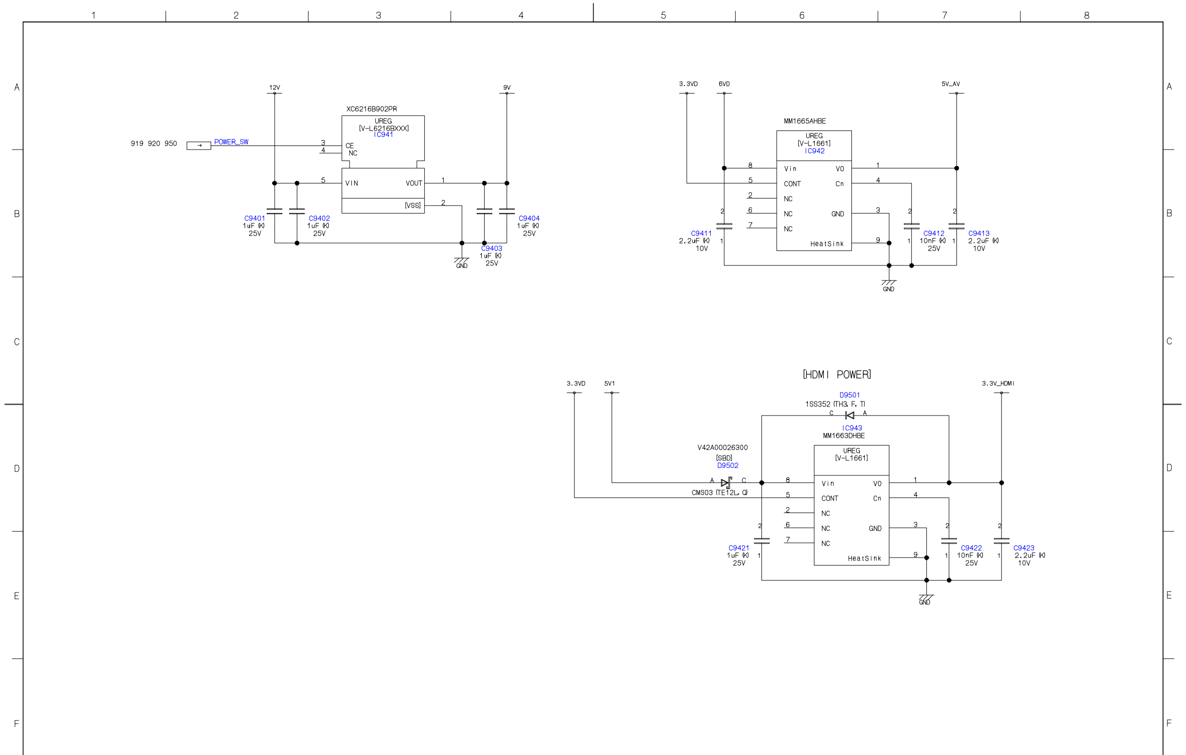
U01AS MAIN [901] POWER SEINE4L/DDR (PE0828)



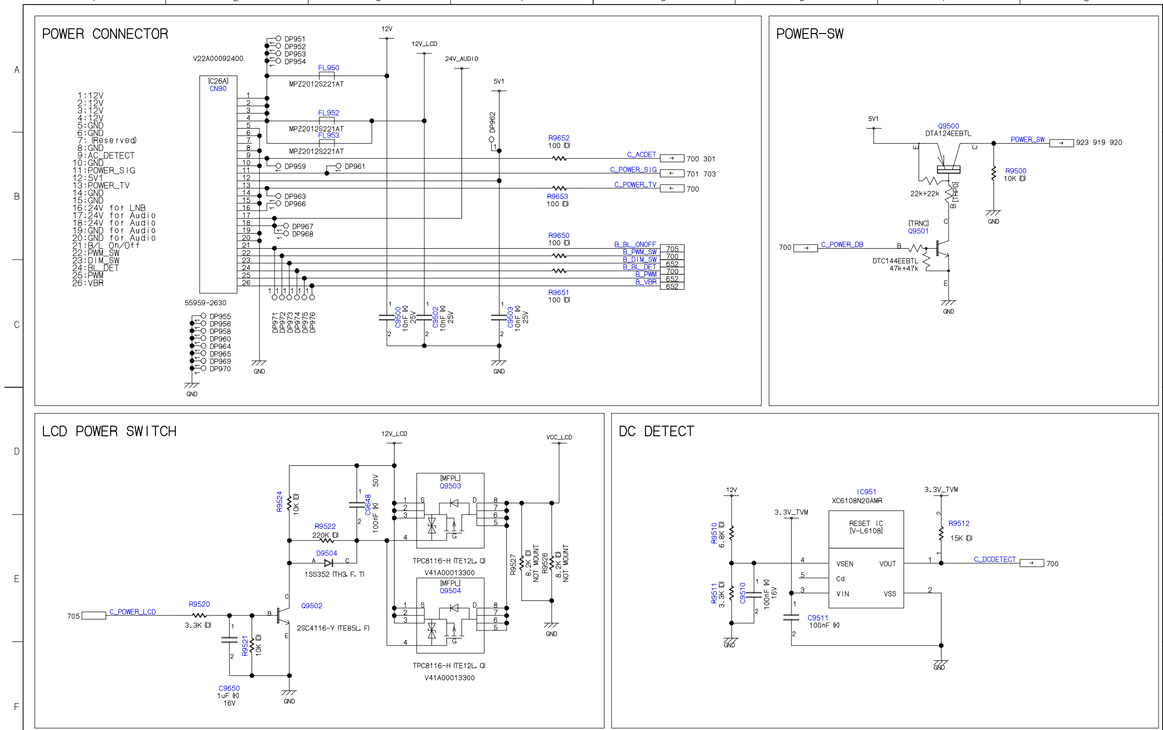
U01AS MAIN [919] POWER 3.3V (PE0828)



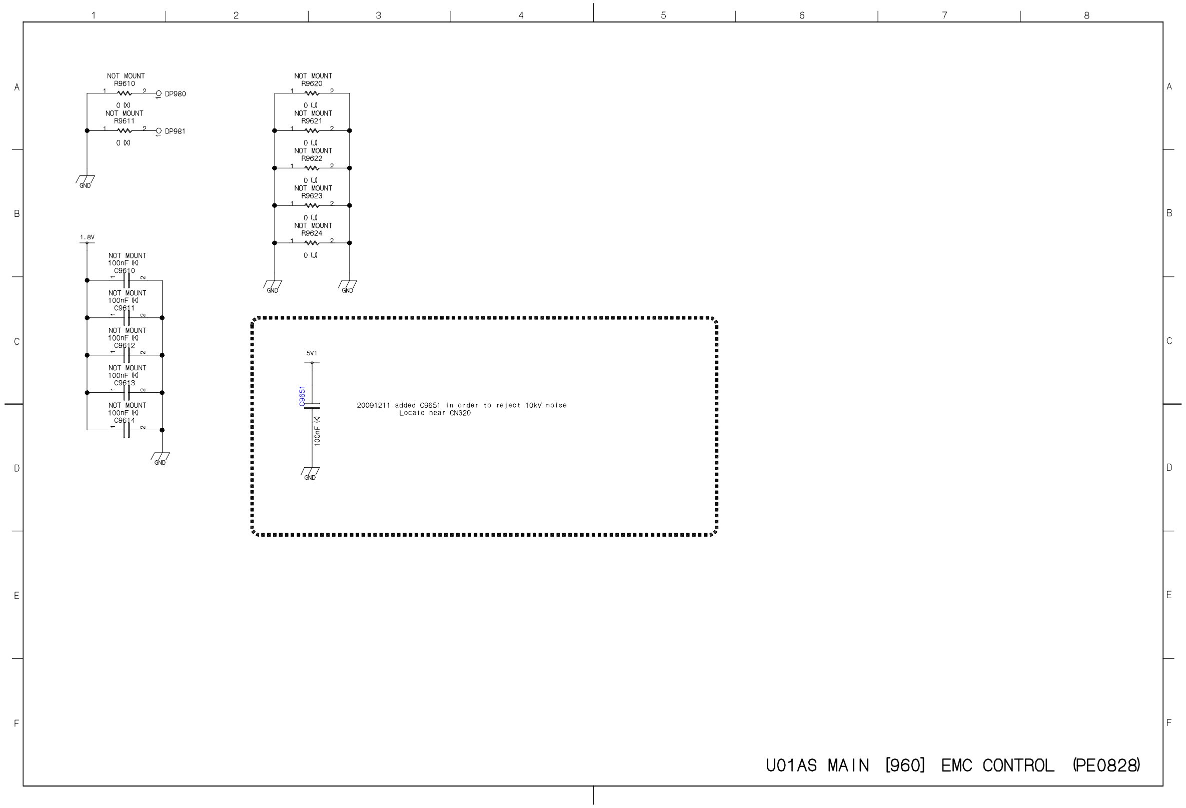
U01AS MAIN [920] POWER 6V (PE0828)

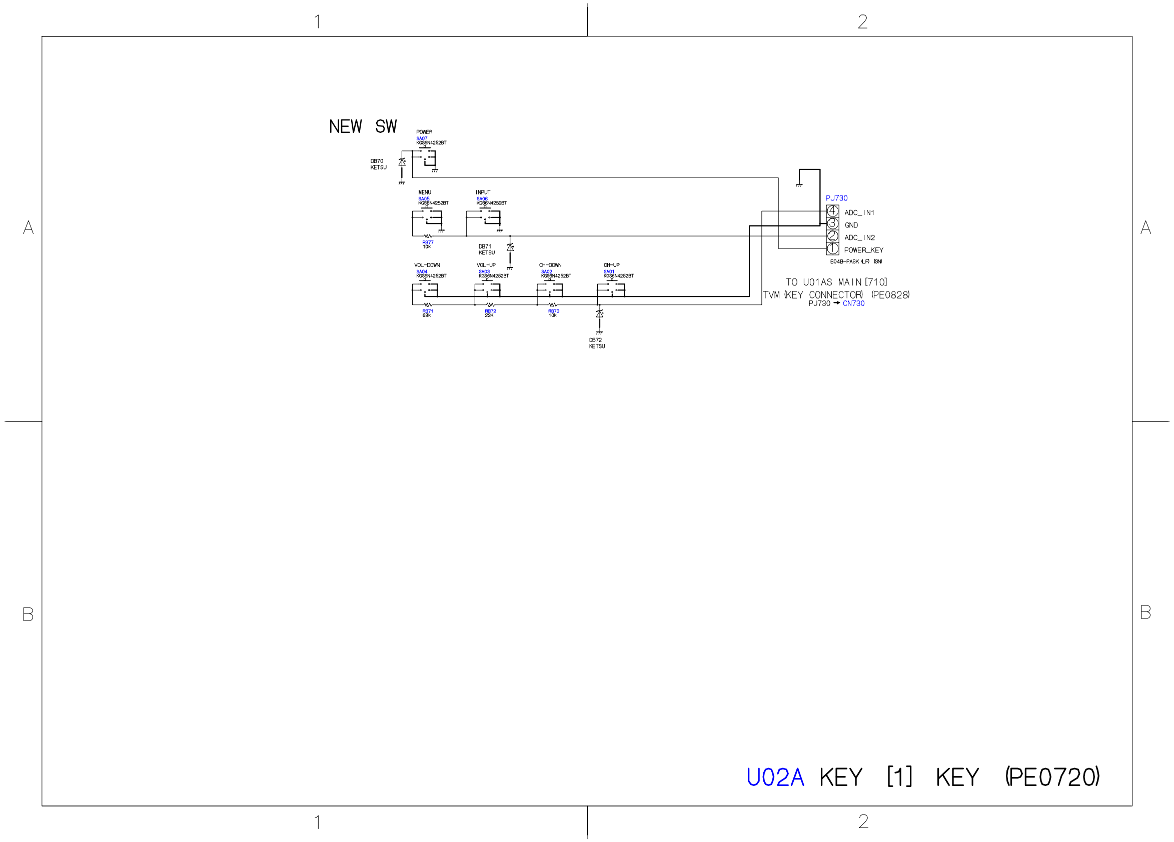


U01AS MAIN [923] POWER REG (PE0828)

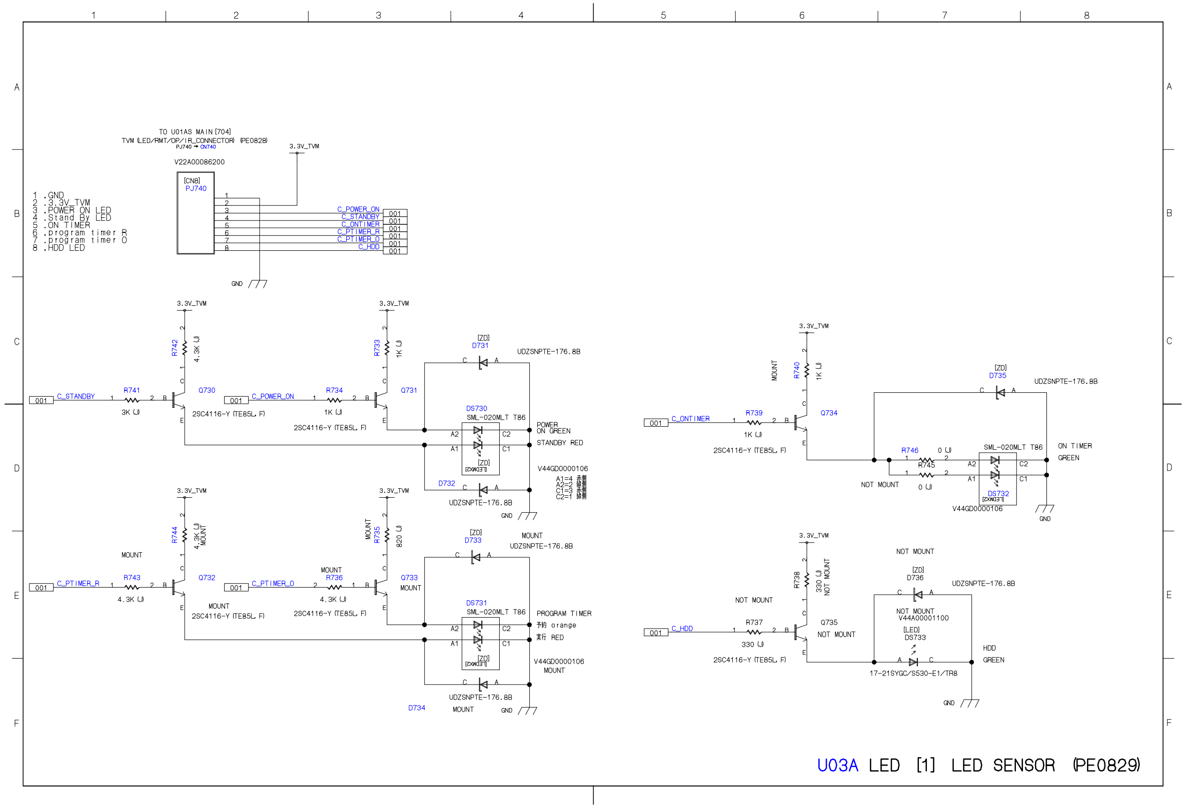


U01AS MAIN [950] POWER CONNECTOR (PE0828)

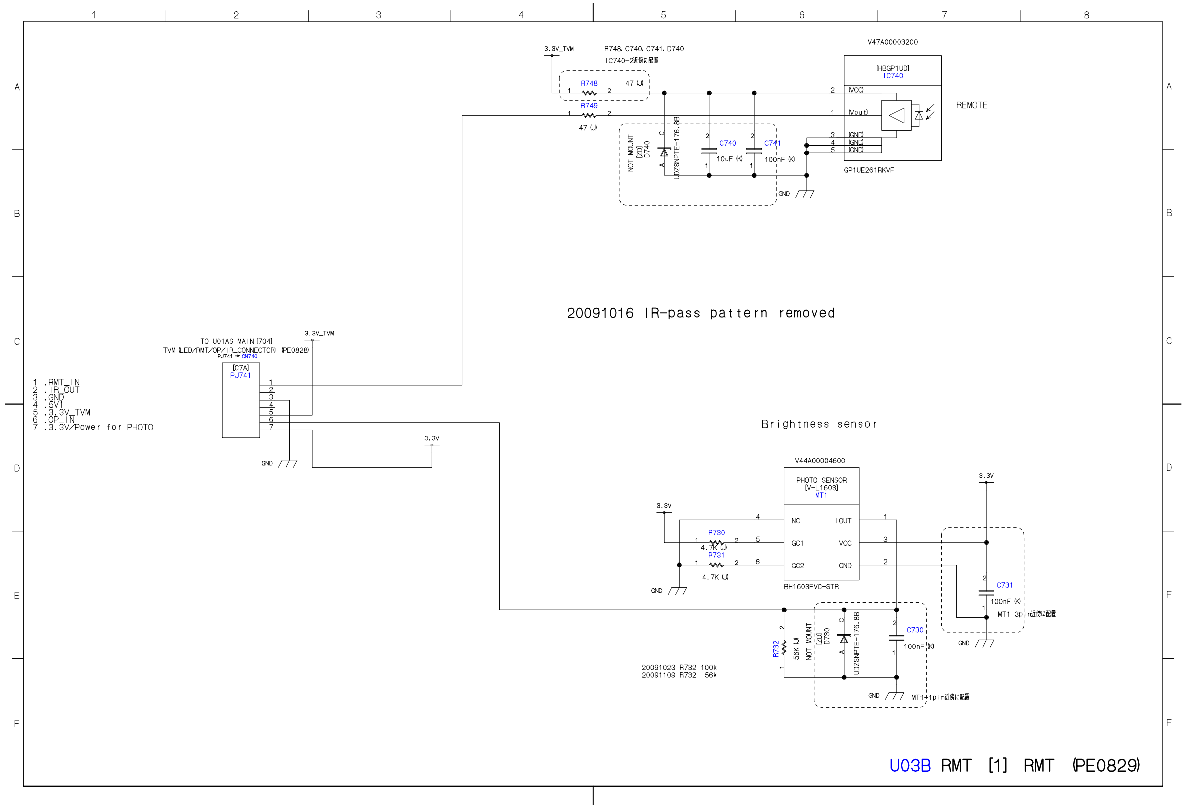

NOT MOUNT
R9610
DP980
0 (X)
NOT MOUNT
R9611
DP981
0 (X)
GND
NOT MOUNT
R9620
0 (J)
NOT MOUNT
R9621
0 (J)
NOT MOUNT
R9622
0 (J)
NOT MOUNT
R9623
0 (J)
NOT MOUNT
R9624
0 (J)
GND
GND
1.8V
NOT MOUNT
100nF (K)
C9610
NOT MOUNT
100nF (K)
C9611
NOT MOUNT
100nF (K)
C9612
NOT MOUNT
100nF (K)
C9613
NOT MOUNT
100nF (K)
C9614
GND
5V1
C9651
100nF (K)
GND
20091211 added C9651 in order to reject 10kV noise
Locate near CN320
U01AS MAIN [960] EMC CONTROL (PE0828)

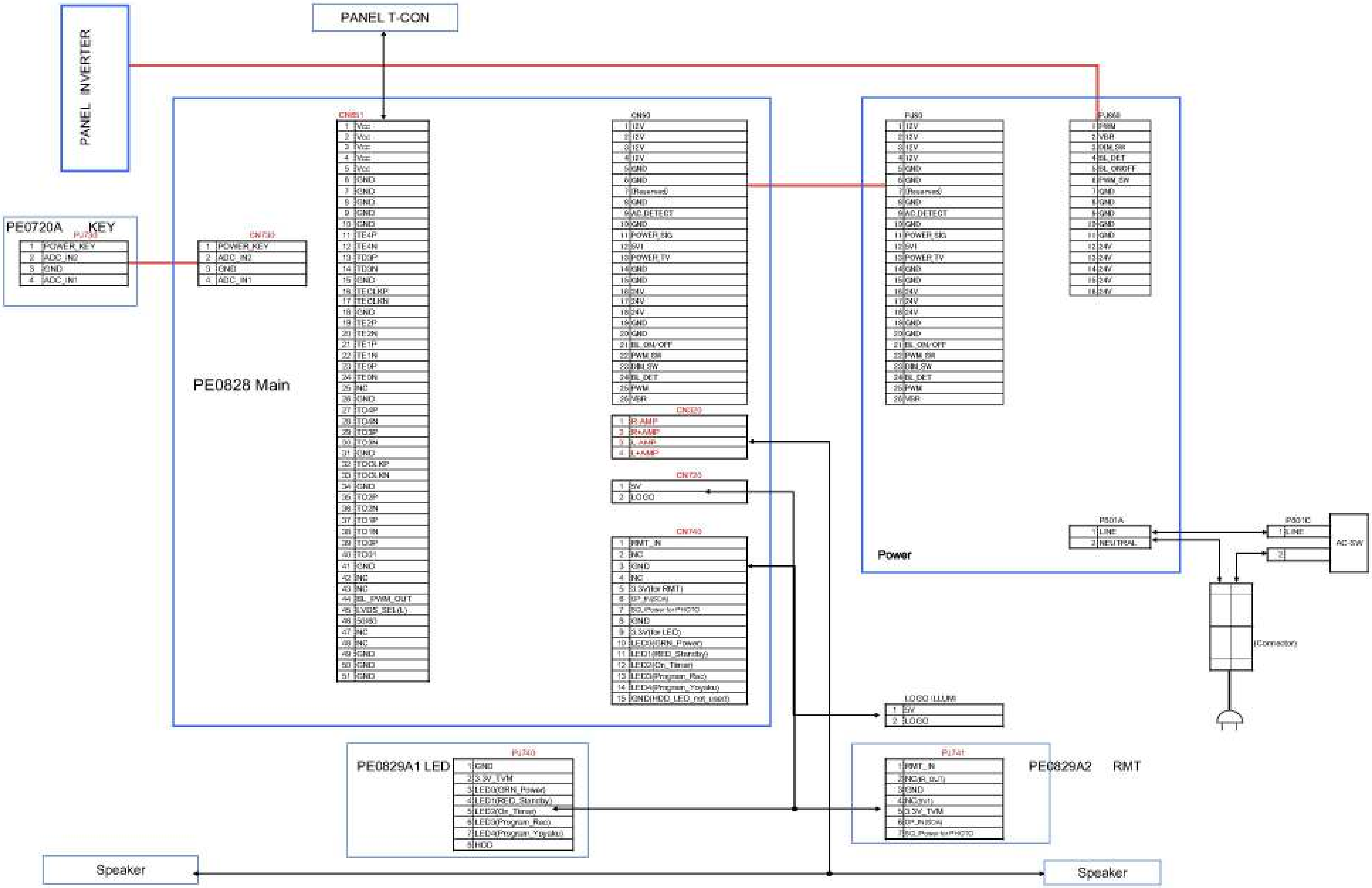


U02A KEY [1] KEY (PE0720)



TO U01AS MAIN [704]
TVM (LED/RMT/OP/IR_CONNECTOR (PE0828)
V22A00086200
[CN8]
PJ740
3.3V_TVM
1 .GND
2 .3.3V_TVM
3 .POWER ON LED
4 .Stand By LED
5 .ON TIMER
6 .program timer R
7 .program timer O
8 .HDD LED
C_POWER_ON
C_STANDBY
C_ONTIMER
C_PTIMER_R
C_PTIMER_O
C_HDD
GND
R742
4.3K (J)
R741
3K (J)
Q730
2SC4116-Y (TE85L, F)
R733
1K (J)
R734
1K (J)
Q731
2SC4116-Y (TE85L, F)
[ZD]
D731
UDZSNPTE-17 6.8B
DS730
SML-020MLT T86
POWER ON GREEN
STANDBY RED
V44GD0000106
D732
UDZSNPTE-17 6.8B
R744
4.3K (J)
MOUNT
R743
4.3K (J)
Q732
2SC4116-Y (TE85L, F)
R735
820 (J)
R736
4.3K (J)
Q733
2SC4116-Y (TE85L, F)
[ZD]
D733
UDZSNPTE-17 6.8B
DS731
SML-020MLT T86
PROGRAM TIMER
orange
RED
V44GD0000106
D734
UDZSNPTE-17 6.8B
R740
1K (J)
R739
1K (J)
Q734
2SC4116-Y (TE85L, F)
[ZD]
D735
UDZSNPTE-17 6.8B
R746
0 (J)
R745
0 (J)
NOT MOUNT
SML-020MLT T86
DS732
V44GD0000106
ON TIMER
GREEN
R738
330 (J)
NOT MOUNT
R737
330 (J)
Q735
2SC4116-Y (TE85L, F)
[ZD]
D736
UDZSNPTE-17 6.8B
V44A00001100
[LED]
DS733
17-21SYGC/S530-E1/TR8
HDD
GREEN
U03A LED [1] LED SENSOR (PE0829)


3.3V_TVM
R748, C740, C741, D740
IC740-2近傍に配置
R748
47 (J)
R749
47 (J)
NOT MOUNT
[ZD]
D740
UDZSNPTE-176.8B
C740
10uF (K)
C741
100nF (K)
GND
V47A00003200
[HBGP1UD]
IC740
(VCC)
(Vout)
(GND)
(GND)
(GND)
GP1UE261RKVF
REMOTE
20091016 IR-pass pattern removed
TO U01AS MAIN [704]
TVM (LED/RMT/OP/IR_CONNECTOR) (PE0828)
PJ741 → CN740
[C7A]
PJ741
1 .RMT_IN
2 .IR_OUT
3 .GND
4 .5V1
5 .3.3V_TVM
6 .OP_IN
7 .3.3V/Power for PHOTO
3.3V_TVM
3.3V
GND
Brightness sensor
V44A00004600
PHOTO SENSOR
[V-L1603]
MT1
NC
GC1
GC2
IOUT
VCC
GND
BH1603FVC-STR
3.3V
R730
4.7K (J)
R731
4.7K (J)
GND
3.3V
C731
100nF (K)
MT1-3pin近傍に配置
GND
R732
56K (J)
NOT MOUNT
[ZD]
D730
UDZSNPTE-176.8B
C730
100nF (K)
GND
MT1-1pin近傍に配置
20091023 R732 100k
20091109 R732 56k
U03B RMT [1] RMT (PE0829)



PANEL INVERTER
PANEL T-CON
PE0828 Main
CN851
1 Vcc
2 Vcc
3 Vcc
4 Vcc
5 Vcc
6 GND
7 GND
8 GND
9 GND
10 GND
11 TE4P
12 TE4N
13 TD3P
14 TD3N
15 GND
16 TECLKP
17 TECLKN
18 GND
19 TE2P
20 TE2N
21 TE1P
22 TE1N
23 TE0P
24 TE0N
25 NC
26 GND
27 TO4P
28 TO4N
29 TO3P
30 TO3N
31 GND
32 TOCLKP
33 TOCLKN
34 GND
35 TO2P
36 TO2N
37 TO1P
38 TO1N
39 TO0P
40 TO0N
41 GND
42 NC
43 NC
44 BL_PWM_OUT
45 LVDS_SEL(L)
46 SDA0
47 NC
48 NC
49 GND
50 GND
51 GND
CN90
1 12V
2 12V
3 12V
4 12V
5 GND
6 GND
7 (Reserved)
8 GND
9 AC DETECT
10 GND
11 POWER_SIG
12 5VI
13 POWER_TV
14 GND
15 GND
16 24V
17 24V
18 24V
19 GND
20 GND
21 BL_ON/OFF
22 PWM_SW
23 DIM_SW
24 BL_DET
25 PWM
26 VBR
CN320
1 R-AMP
2 R+AMP
3 L-AMP
4 L+AMP
CN720
1 5V
2 LOGO
CN740
1 RMT_IN
2 NC
3 GND
4 NC
5 3.3V(for RMT)
6 OP_IN(SCK)
7 SQ_Power for PHOTO
8 GND
9 3.3V(for LED)
10 LED0(ORN_Power)
11 LED1(RED_Standby)
12 LED2(On_Timer)
13 LED3(Program_Rec)
14 LED4(Program_Yoyaku)
15 GND(HDD_LED_not_used)
PE0720A KEY
PJ730
1 POWER_KEY
2 ADC_IN2
3 GND
4 ADC_IN1
CN730
1 POWER_KEY
2 ADC_IN2
3 GND
4 ADC_IN1
Power
PJ80
1 12V
2 12V
3 12V
4 12V
5 GND
6 GND
7 (Reserved)
8 GND
9 AC DETECT
10 GND
11 POWER_SIG
12 5VI
13 POWER_TV
14 GND
15 GND
16 24V
17 24V
18 24V
19 GND
20 GND
21 BL_ON/OFF
22 PWM_SW
23 DIM_SW
24 BL_DET
25 PWM
26 VBR
PJ850
1 PWM
2 VBR
3 DIM_SW
4 BL_DET
5 BL_ON/OFF
6 PWM_SW
7 GND
8 GND
9 GND
10 GND
11 GND
12 24V
13 24V
14 24V
15 24V
16 24V
P801A
1 LINE
2 NEUTRAL
P801C
1 LINE
2
AC-SW
(Connector)
LOGO ILLUM
1 5V
2 LOGO
PE0829A1 LED
PJ740
1 GND
2 3.3V_TVM
3 LED0(ORN_Power)
4 LED1(RED_Standby)
5 LED2(On_Timer)
6 LED3(Program_Rec)
7 LED4(Program_Yoyaku)
8 HDD
PE0829A2 RMT
PJ741
1 RMT_IN
2 NC(IR_OUT)
3 GND
4 NC(rv1)
5 3.3V_TVM
6 OP_IN(SCK)
7 SQ_Power for PHOTO
Speaker
Speaker

PARTS LIST

Block : All Block

Block		Location	Parts No.	Description	A
U01AS MAIN (PE0828)	*	U01AS	75017984	PC BOARD ASSY, PE0828A, MAIN	
U01AS MAIN (PE0828)		C1001	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1002	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1003	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16	
U01AS MAIN (PE0828)		C1005	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1006	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1008	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1010	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1011	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1012	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1013	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1019	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1021	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1022	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1025	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1028	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1029	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1030	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1032	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16	
U01AS MAIN (PE0828)		C1033	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1035	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1036	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1037	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1038	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1040	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1042	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1043	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1046	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,	
U01AS MAIN (PE0828)		C1048	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1049	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM	
U01AS MAIN (PE0828)		C1069	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1070	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1078	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1079	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1080	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16	
U01AS MAIN (PE0828)		C1081	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM	
U01AS MAIN (PE0828)		C1082	75013654	CAPACITOR, CERA CHIP (1005), 50V CH 120J, C10	
U01AS MAIN (PE0828)		C1085	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	
U01AS MAIN (PE0828)		C1086	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1087	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1088	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1089	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1090	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1091	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C	
U01AS MAIN (PE0828)		C1094	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10	

U01AS MAIN (PE0828)	C1095	75014612	CAPACITOR, CERA CHIP(1005), 50V CH 5R0C, C10(
U01AS MAIN (PE0828)	C1096	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1097	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C1098	75017555	CAPACITOR, ELECTROLYTIC CHIP, 16V 221M 3D, 1
U01AS MAIN (PE0828)	C1099	75014612	CAPACITOR, CERA CHIP(1005), 50V CH 5R0C, C10(
U01AS MAIN (PE0828)	C1100	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1101	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1102	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1104	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1105	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1106	75014619	CAPACITOR, CERA CHIP(1005), 25V JB 153K, C100
U01AS MAIN (PE0828)	C1107	75013657	CAPACITOR, CERA CHIP (1005), 50V CH 151J, C10(
U01AS MAIN (PE0828)	C1108	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C1110	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1111	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1112	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1113	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1116	75014611	CAPACITOR, CERA CHIP(1005), 50V CH 4R0C, C10(
U01AS MAIN (PE0828)	C1117	75014611	CAPACITOR, CERA CHIP(1005), 50V CH 4R0C, C10(
U01AS MAIN (PE0828)	C1125	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C1130	75016270	CAPACITOR, ECGRL0E101ER
U01AS MAIN (PE0828)	C1133	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1134	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1136	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1138	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C1140	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1142	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1147	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1150	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1154	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1155	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1156	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1157	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1160	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C1161	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16(
U01AS MAIN (PE0828)	C1162	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1168	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1169	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1170	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1177	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C1178	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1183	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1185	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1186	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1187	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1191	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)	C1192	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C1193	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C1194	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1196	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1198	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(

U01AS MAIN (PE0828)	C1201	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1205	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1206	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1208	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16
U01AS MAIN (PE0828)	C1210	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1211	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1212	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1214	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1215	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1216	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1219	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1221	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1224	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1225	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16
U01AS MAIN (PE0828)	C1227	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1228	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C1229	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1231	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1232	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1233	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1234	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1244	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16
U01AS MAIN (PE0828)	C1263	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1271	75011492	CAPACITOR, CERAMIC CHIP, 50V 2C 200J, GRM155
U01AS MAIN (PE0828)	C1272	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1275	75011492	CAPACITOR, CERAMIC CHIP, 50V 2C 200J, GRM155
U01AS MAIN (PE0828)	C1282	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1283	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1287	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1290	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1291	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1295	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C1296	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1300	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1301	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1302	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1303	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1304	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1305	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1306	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1310	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C1311	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1312	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C1322	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C1323	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1324	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1327	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1328	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16
U01AS MAIN (PE0828)	C1329	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C1330	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C1333	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C

U01AS MAIN (PE0828)		C1334	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1340	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1341	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C1342	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C1343	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C1344	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1345	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1346	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1500	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1503	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1504	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1507	75012453	CAPACITOR, CERAMIC CHIP, 50V CH 150J, C1005C
U01AS MAIN (PE0828)		C1508	75012453	CAPACITOR, CERAMIC CHIP, 50V CH 150J, C1005C
U01AS MAIN (PE0828)		C1514	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C1517	75012453	CAPACITOR, CERAMIC CHIP, 50V CH 150J, C1005C
U01AS MAIN (PE0828)		C1518	75012453	CAPACITOR, CERAMIC CHIP, 50V CH 150J, C1005C
U01AS MAIN (PE0828)		C1519	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1520	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1521	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1522	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1523	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1524	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C1525	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1526	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C1527	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C1600	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1601	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)		C1602	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1603	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1604	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1605	75017791	CAPACITOR, ELECTROLYTIC CHIP, 6.3V 220M, EM\
U01AS MAIN (PE0828)		C1607	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16(
U01AS MAIN (PE0828)		C1608	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1609	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1610	75013705	CAPACITOR, CERA CHIP(2012), 25V B 475K, GRM2
U01AS MAIN (PE0828)		C1611	75013705	CAPACITOR, CERA CHIP(2012), 25V B 475K, GRM2
U01AS MAIN (PE0828)		C1612	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1613	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16(
U01AS MAIN (PE0828)		C1614	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1615	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1616	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C1617	75017554	CAPACITOR, ELECTROLYTIC CHIP, 16V 101M 3D, Q
U01AS MAIN (PE0828)		C1619	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)		C1913	75014632	CAPACITOR, CERA CHIP(1608), 16V JB 474K, C160
U01AS MAIN (PE0828)		C3006	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C3007	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C3100	75017993	CAPACITOR CHIP ELECTROLYTIC 16V 470M 3D LIFE
U01AS MAIN (PE0828)		C3140	75014615	CAPACITOR, CERA CHIP(1005), 50V CH 121J, C10C
U01AS MAIN (PE0828)		C3141	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C3142	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C3143	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(

U01AS MAIN (PE0828)	C3144	75014794	CAPACITOR, CERA CHIP(1005), 50V JB 561K, GRM1
U01AS MAIN (PE0828)	C3145	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C3146	75014794	CAPACITOR, CERA CHIP(1005), 50V JB 561K, GRM1
U01AS MAIN (PE0828)	C3147	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C3148	75014615	CAPACITOR, CERA CHIP(1005), 50V CH 121J, C100
U01AS MAIN (PE0828)	C3149	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C3200	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)	C3201	75014629	CAPACITOR, CERA CHIP(1608), 50V JB 103K, C160
U01AS MAIN (PE0828)	C3203	75014629	CAPACITOR, CERA CHIP(1608), 50V JB 103K, C160
U01AS MAIN (PE0828)	C3206	75014629	CAPACITOR, CERA CHIP(1608), 50V JB 103K, C160
U01AS MAIN (PE0828)	C3207	75014629	CAPACITOR, CERA CHIP(1608), 50V JB 103K, C160
U01AS MAIN (PE0828)	C3301	75017994	CAPACITOR, GRM155B11A273KA01D
U01AS MAIN (PE0828)	C3302	75014795	CAPACITOR, CERA CHIP(1005), 50V JB 272K, GRM1
U01AS MAIN (PE0828)	C3304	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C3305	75017098	CAPACITOR CHIP ELECTROLYTIC, 35V 221M, UCD1
U01AS MAIN (PE0828)	C3306	75017989	CAPACITOR CHIP ALUMINUM ELECTROLYTIC, EMVJ
U01AS MAIN (PE0828)	C3307	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3308	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3309	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3310	75017990	CAPACITOR CHIP CERA 10V JB 335K 1608 SIZE, C1
U01AS MAIN (PE0828)	C3311	75017990	CAPACITOR CHIP CERA 10V JB 335K 1608 SIZE, C1
U01AS MAIN (PE0828)	C3312	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C3313	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C3314	75014624	CAPACITOR, CERA CHIP(2012), 50V B 105K, GRM21
U01AS MAIN (PE0828)	C3315	75014624	CAPACITOR, CERA CHIP(2012), 50V B 105K, GRM21
U01AS MAIN (PE0828)	C3316	75014624	CAPACITOR, CERA CHIP(2012), 50V B 105K, GRM21
U01AS MAIN (PE0828)	C3317	75014624	CAPACITOR, CERA CHIP(2012), 50V B 105K, GRM21
U01AS MAIN (PE0828)	C3318	75014624	CAPACITOR, CERA CHIP(2012), 50V B 105K, GRM21
U01AS MAIN (PE0828)	C3319	75014624	CAPACITOR, CERA CHIP(2012), 50V B 105K, GRM21
U01AS MAIN (PE0828)	C3320	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C100
U01AS MAIN (PE0828)	C3321	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C100
U01AS MAIN (PE0828)	C3322	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C100
U01AS MAIN (PE0828)	C3323	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C100
U01AS MAIN (PE0828)	C3324	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3325	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3326	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3327	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C3328	75005708	CAPACITOR, CHIP CERA, 50V B 0.33UF K, C2012JB
U01AS MAIN (PE0828)	C3329	75005708	CAPACITOR, CHIP CERA, 50V B 0.33UF K, C2012JB
U01AS MAIN (PE0828)	C3400	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C3401	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C3402	75017991	CAPACITOR CHIP CERA 6.3V JB 476M 3216 SIZE, C
U01AS MAIN (PE0828)	C3403	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C100
U01AS MAIN (PE0828)	C3405	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C3406	75017554	CAPACITOR, ELECTROLYTIC CHIP, 16V 101M 3D, C
U01AS MAIN (PE0828)	C3407	75017554	CAPACITOR, ELECTROLYTIC CHIP, 16V 101M 3D, C
U01AS MAIN (PE0828)	C3408	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C3409	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C3410	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)	C3411	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)	C3412	75013863	CAPACITOR, CERAMIC CHIP 1005, 10V JB 224K, C1

U01AS MAIN (PE0828)		C6000	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6001	75013659	CAPACITOR, CERA CHIP (1005), 50V JB 152K, C10(
U01AS MAIN (PE0828)		C6002	75013659	CAPACITOR, CERA CHIP (1005), 50V JB 152K, C10(
U01AS MAIN (PE0828)		C6006	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6007	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6008	75013659	CAPACITOR, CERA CHIP (1005), 50V JB 152K, C10(
U01AS MAIN (PE0828)		C6009	75013659	CAPACITOR, CERA CHIP (1005), 50V JB 152K, C10(
U01AS MAIN (PE0828)		C6014	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6018	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6024	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6025	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)		C6028	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6029	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6030	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)		C6031	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6032	75017791	CAPACITOR, ELECTROLYTIC CHIP, 6.3V 220M, EM\
U01AS MAIN (PE0828)		C6033	75017791	CAPACITOR, ELECTROLYTIC CHIP, 6.3V 220M, EM\
U01AS MAIN (PE0828)		C6034	75017992	CAPACITOR CHIP ELECTROLYTIC 6.3V 101M 3D LIF
U01AS MAIN (PE0828)		C6035	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6036	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6037	75017992	CAPACITOR CHIP ELECTROLYTIC 6.3V 101M 3D LIF
U01AS MAIN (PE0828)		C6038	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C6039	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C6040	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6041	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6042	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6043	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6044	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6045	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6046	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)		C6047	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, (
U01AS MAIN (PE0828)		C6048	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)		C6049	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, (
U01AS MAIN (PE0828)		C6050	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, (
U01AS MAIN (PE0828)		C6051	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)		C6052	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, (
U01AS MAIN (PE0828)		C6053	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)		C6054	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, (
U01AS MAIN (PE0828)		C6055	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)		C6056	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, (
U01AS MAIN (PE0828)		C6057	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)		C6064	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6067	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6073	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6074	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6076	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6077	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6081	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6082	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6083	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C
U01AS MAIN (PE0828)		C6089	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM

U01AS MAIN (PE0828)		C6090	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, C
U01AS MAIN (PE0828)		C6091	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM1
U01AS MAIN (PE0828)		C6092	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, C
U01AS MAIN (PE0828)		C6093	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, C
U01AS MAIN (PE0828)		C6094	75012765	CAPACITOR, CERA CHIP, 50V CH 270J 1005 SIZE, C
U01AS MAIN (PE0828)		C6095	75013703	CAPACITOR, CERA CHIP(1005), 25V JB 223K, C100
U01AS MAIN (PE0828)		C6096	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6097	75017988	CAPACITOR CHIP CERA 6.3V JB 474K 1005 SIZE, C1
U01AS MAIN (PE0828)		C6098	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6099	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6100	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6101	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM1
U01AS MAIN (PE0828)		C6102	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM1
U01AS MAIN (PE0828)		C6104	75012554	CAPACITOR, CERA CHIP, 50V CH 220J 1005 SIZE, C
U01AS MAIN (PE0828)		C6125	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6127	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6128	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6300	75013659	CAPACITOR, CERA CHIP (1005), 50V JB 152K, C100
U01AS MAIN (PE0828)		C6301	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6302	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)		C6303	75013658	CAPACITOR, CERA CHIP(1005), 50V CH 221J, C100
U01AS MAIN (PE0828)		C6304	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6307	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6320	75012554	CAPACITOR, CERA CHIP, 50V CH 220J 1005 SIZE, C
U01AS MAIN (PE0828)		C6500	75012561	CAPACITOR, CERA CHIP, 16V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6502	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6520	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6521	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6522	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C6600	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6601	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6602	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6603	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6604	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6610	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6611	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6612	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C6613	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6614	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6615	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)		C6616	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)		C6618	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6640	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C6641	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C7000	75013655	CAPACITOR CERA CHIP(1005), 50V CH 180J, C1005
U01AS MAIN (PE0828)		C7001	75013655	CAPACITOR CERA CHIP(1005), 50V CH 180J, C1005
U01AS MAIN (PE0828)		C7002	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)		C7003	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C7005	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C7007	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C100
U01AS MAIN (PE0828)		C7008	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C

U01AS MAIN (PE0828)	C7009	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7010	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7011	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C7013	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C7014	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7016	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7017	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7018	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7019	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7020	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7021	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7023	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7024	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7055	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7056	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7058	75014633	CAPACITOR, CERA CHIP(1608), 6.3V JB 475K, C16
U01AS MAIN (PE0828)	C7059	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7500	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C7502	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C7503	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7508	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C7509	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7511	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C7512	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7513	75013656	CAPACITOR, CERA CHIP (1005), 50V CH 101J, C10
U01AS MAIN (PE0828)	C7514	75012557	CAPACITOR, CERA CHIP, 50V JB 102K 1005 SIZE, C
U01AS MAIN (PE0828)	C7530	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7531	75013658	CAPACITOR, CERA CHIP(1005), 50V CH 221J, C100
U01AS MAIN (PE0828)	C7532	75013659	CAPACITOR, CERA CHIP (1005), 50V JB 152K, C10
U01AS MAIN (PE0828)	C7533	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)	C7534	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7605	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7606	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7608	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7609	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)	C7610	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7611	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7612	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7615	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7616	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7618	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7619	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)	C7620	75015488	CAPACITOR, CERA CHIP(1005), 50V CH 100J, GRM
U01AS MAIN (PE0828)	C7621	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7622	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7624	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7626	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7627	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7629	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7631	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7633	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,

U01AS MAIN (PE0828)	C7634	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7635	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7636	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7800	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C7801	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C100
U01AS MAIN (PE0828)	C7802	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C7803	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C7804	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C7805	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U01AS MAIN (PE0828)	C7806	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7807	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7808	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C7809	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7810	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7900	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7901	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7902	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7910	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C7911	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C7912	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C7913	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C7914	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7915	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C7920	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7921	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7940	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7941	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7942	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7943	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7950	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7960	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C7961	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9001	75014616	CAPACITOR, CERA CHIP(1005), 50V CH 331J, C100
U01AS MAIN (PE0828)	C9002	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)	C9003	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)	C9004	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)	C9005	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)	C9006	75012561	CAPACITOR, CERA CHIP, 16V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9007	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9008	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)	C9009	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C9010	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C100
U01AS MAIN (PE0828)	C9011	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)	C9012	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)	C9013	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)	C9015	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9016	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9020	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9021	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9022	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE,
U01AS MAIN (PE0828)	C9024	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C

U01AS MAIN (PE0828)		C9117	75014616	CAPACITOR, CERA CHIP(1005), 50V CH 331J, C10(
U01AS MAIN (PE0828)		C9118	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9119	75014616	CAPACITOR, CERA CHIP(1005), 50V CH 331J, C10(
U01AS MAIN (PE0828)		C9120	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9121	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9122	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9123	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9124	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C9125	75012559	CAPACITOR, CERA CHIP, 10V JB 473K 1005 SIZE, C
U01AS MAIN (PE0828)		C9126	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9127	75013863	CAPACITOR, CERAMIC CHIP 1005, 10V JB 224K, C1
U01AS MAIN (PE0828)		C9128	75014618	CAPACITOR, CERA CHIP(1005), 50V JB 332K, C100
U01AS MAIN (PE0828)		C9129	75013657	CAPACITOR, CERA CHIP (1005), 50V CH 151J, C10(
U01AS MAIN (PE0828)		C9130	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)		C9131	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9132	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9133	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9134	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C9135	75012559	CAPACITOR, CERA CHIP, 10V JB 473K 1005 SIZE, C
U01AS MAIN (PE0828)		C9136	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9137	75012559	CAPACITOR, CERA CHIP, 10V JB 473K 1005 SIZE, C
U01AS MAIN (PE0828)		C9138	75014618	CAPACITOR, CERA CHIP(1005), 50V JB 332K, C100
U01AS MAIN (PE0828)		C9139	75013657	CAPACITOR, CERA CHIP (1005), 50V CH 151J, C10(
U01AS MAIN (PE0828)		C9140	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)		C9141	75016271	CAPACITOR, ECGRL0J470ER
U01AS MAIN (PE0828)		C9142	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9143	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9144	75016271	CAPACITOR, ECGRL0J470ER
U01AS MAIN (PE0828)		C9145	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9146	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9147	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9148	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9151	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9152	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9200	75014616	CAPACITOR, CERA CHIP(1005), 50V CH 331J, C10(
U01AS MAIN (PE0828)		C9201	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)		C9202	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)		C9203	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)		C9204	75014628	CAPACITOR, C2012JB1C106K
U01AS MAIN (PE0828)		C9205	75012561	CAPACITOR, CERA CHIP, 16V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9206	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10(
U01AS MAIN (PE0828)		C9209	75012558	CAPACITOR, CERA CHIP, 50V JB 222K 1005 SIZE, C
U01AS MAIN (PE0828)		C9210	75012602	CAPACITOR, CERA CHIP, 6.3V JB 105K 1005 SIZE, (
U01AS MAIN (PE0828)		C9211	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9212	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9213	75014626	CAPACITOR, C2012JB1A106K
U01AS MAIN (PE0828)		C9214	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9215	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9217	75014617	CAPACITOR, CERA CHIP(1005), 50V CH 471J, C10(
U01AS MAIN (PE0828)		C9218	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)		C9219	75014626	CAPACITOR, C2012JB1A106K

U01AS MAIN (PE0828)	C9401	75014623	CAPACITOR, CERA CHIP(1608), 25V JB 105K, GRM
U01AS MAIN (PE0828)	C9402	75014623	CAPACITOR, CERA CHIP(1608), 25V JB 105K, GRM
U01AS MAIN (PE0828)	C9403	75014623	CAPACITOR, CERA CHIP(1608), 25V JB 105K, GRM
U01AS MAIN (PE0828)	C9404	75014623	CAPACITOR, CERA CHIP(1608), 25V JB 105K, GRM
U01AS MAIN (PE0828)	C9411	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C9412	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9413	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C9421	75014623	CAPACITOR, CERA CHIP(1608), 25V JB 105K, GRM
U01AS MAIN (PE0828)	C9422	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9423	75014622	CAPACITOR, CERA CHIP(1608), 10V JB 225K, GRM
U01AS MAIN (PE0828)	C9500	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9502	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9503	75013662	CAPACITOR, CERA CHIP (1005), 25V JB 103K, C10
U01AS MAIN (PE0828)	C9510	75012561	CAPACITOR, CERA CHIP, 16V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9511	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	C9648	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U01AS MAIN (PE0828)	C9650	75015310	CAPACITOR, CERA CHIP 16008, 16V JB 105K, GRM
U01AS MAIN (PE0828)	C9651	75012560	CAPACITOR, CERA CHIP, 10V JB 104K 1005 SIZE, C
U01AS MAIN (PE0828)	CN320	75014689	CONNECTOR, B04B-PASK(LF)(SN)
U01AS MAIN (PE0828)	CN651	75012605	CONNECTOR, LVDS, HF507S-51-08(01)
U01AS MAIN (PE0828)	CN701	75007994	CONNECTOR, 2.5PITCH NYLON, B7B-EH(LF)
U01AS MAIN (PE0828)	CN720	75014799	CONNECTOR, B02B-PASK(LF)(SN)
U01AS MAIN (PE0828)	CN730	75014689	CONNECTOR, B04B-PASK(LF)(SN)
U01AS MAIN (PE0828)	CN740	75014801	CONNECTOR, B15B-PASK(LF)(SN)
U01AS MAIN (PE0828)	CN90	75017802	CONNECTOR, 55959-2630
U01AS MAIN (PE0828)	D1001	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3000	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3002	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3003	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3004	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3102	75015574	DIODE, ZENER, UDZSNPTE-175.1B
U01AS MAIN (PE0828)	D3202	75013706	DIODE, ZENER, UDZSNPTE-176.2B
U01AS MAIN (PE0828)	D3300	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3301	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3302	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3303	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3304	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3305	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3306	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3307	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3401	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3402	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3403	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D3404	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D6300	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D7530	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D9001	75017804	DIODE, RB055L-30TE25
U01AS MAIN (PE0828)	D9021	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	D9201	75017804	DIODE, RB055L-30TE25
U01AS MAIN (PE0828)	D9204	75017804	DIODE, RB055L-30TE25
U01AS MAIN (PE0828)	D9501	75014661	DIODE, 1SS352(TH3, F, T)

U01AS MAIN (PE0828)	D9502	75014662	DIODE, CMS03(TE12L, Q)
U01AS MAIN (PE0828)	D9504	75014661	DIODE, 1SS352(TH3, F, T)
U01AS MAIN (PE0828)	DS100	75005764	DIODE, LED, 17-21SYGC/S530-E1/TR8
U01AS MAIN (PE0828)	DS300	75014664	OPT DEVICE, GP1FSB31TK0F
U01AS MAIN (PE0828)	E100	V61A00009400	HEAT SINK
U01AS MAIN (PE0828)	E101	VD0A00011600	SHEET
U01AS MAIN (PE0828)	E102	VA2A00002300	CONNECTING PARTS NYLON RIVET
U01AS MAIN (PE0828)	E103	VA2A00002300	CONNECTING PARTS NYLON RIVET
U01AS MAIN (PE0828)	FL660	75016335	INDUCTOR, CHIP BEADS (1608), MPZ1608S221AT
U01AS MAIN (PE0828)	FL750	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL751	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL752	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL754	75009944	INDUCTOR, CHIP BEADS (1608), MMZ1608S102CT
U01AS MAIN (PE0828)	FL755	75009944	INDUCTOR, CHIP BEADS (1608), MMZ1608S102CT
U01AS MAIN (PE0828)	FL761	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL762	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL763	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL764	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL765	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL766	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL767	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL783	75005817	BEAD INDUCTOR, CHIP, 600OHM 1.0A, MPZ1608S6
U01AS MAIN (PE0828)	FL901	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL903	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL905	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL911	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL913	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL915	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL917	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL921	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL923	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL924	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL950	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL952	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	FL953	75016332	INDUCTOR, CHIP BEADS (2012), MPZ2012S221AT
U01AS MAIN (PE0828)	IC100	75018002	IC, TC90417XBG(N, FA5, F
U01AS MAIN (PE0828)	IC101	75014680	IC, XC6221A122MR
U01AS MAIN (PE0828)	IC103	75017805	IC, TC7PAU04FU(T5L, F, T
U01AS MAIN (PE0828)	IC104	75014677	IC, XC6209F332PR
U01AS MAIN (PE0828)	IC105	75014685	IC, ICS475G-19LFT
U01AS MAIN (PE0828)	IC106	75002034	IC, PQ1LAX95MSPQ
U01AS MAIN (PE0828)	IC109	75015834	IC, M24128-BWMN6TP
U01AS MAIN (PE0828)	IC110	75017809	IC, K4T1G164QE-HCF8
U01AS MAIN (PE0828)	IC111	75017809	IC, K4T1G164QE-HCF8
U01AS MAIN (PE0828)	IC112	75017816	IC, RP131S121B5-E2-F
U01AS MAIN (PE0828)	IC114	75010722	IC, TC74LCX574FT(EL, K)
U01AS MAIN (PE0828)	IC115	75018000	IC 8MBIT NOR FLASH, MX29LV800CBTC-70G
U01AS MAIN (PE0828)	IC117	75016274	IC, TC58DVG02A3TA00DBH
U01AS MAIN (PE0828)	IC118	75017815	IC, S-L2980A33MC-TF-G
U01AS MAIN (PE0828)	IC119	75014665	IC, TC7SB66FU(TE85L, F)
U01AS MAIN (PE0828)	IC150	75017102	IC, RTL8201E-VC-GR

U01AS MAIN (PE0828)	IC160	75017810	IC, UPD720114GA-YEU-A
U01AS MAIN (PE0828)	IC161	75017814	IC, R1171S501B-E2-F
U01AS MAIN (PE0828)	IC162	75017808	IC, RT9715FGBR
U01AS MAIN (PE0828)	IC304	75017999	IC 2 INPUT OR GATE, TC7SH32FU(T5L, JF, T
U01AS MAIN (PE0828)	IC314	75014679	IC, OP AMP, RC4580IPWR
U01AS MAIN (PE0828)	IC330	75018003	IC HTSSOP-B54, BM5446EFV-E2
U01AS MAIN (PE0828)	IC340	75004445	IC, BH3544F-E2
U01AS MAIN (PE0828)	IC600	75014806	IC, MM1671XNRE
U01AS MAIN (PE0828)	IC601	75014806	IC, MM1671XNRE
U01AS MAIN (PE0828)	IC652	75017806	IC, TC7SH08FU(T5L, JF, T
U01AS MAIN (PE0828)	IC653	75017806	IC, TC7SH08FU(T5L, JF, T
U01AS MAIN (PE0828)	IC660	75017812	IC, SII9287BCNU
U01AS MAIN (PE0828)	IC700	75014686	IC, TMP91FW27UG(JZ)
U01AS MAIN (PE0828)	IC710	75017101	IC, M24C08-WMN6TP
U01AS MAIN (PE0828)	IC711	75010901	IC, S-1701Y3342-U5T1G
U01AS MAIN (PE0828)	IC712	75017806	IC, TC7SH08FU(T5L, JF, T
U01AS MAIN (PE0828)	IC713	75014678	IC, TC7WH157FK(TE85L, F
U01AS MAIN (PE0828)	IC721	75011451	IC, NL17SZ17XV5T2
U01AS MAIN (PE0828)	IC722	75011451	IC, NL17SZ17XV5T2
U01AS MAIN (PE0828)	IC760	75018001	IC DVB-T DVB-C DEMOD, CXD2817R-T4
U01AS MAIN (PE0828)	IC780	75009956	IC, MM1565AFBE
U01AS MAIN (PE0828)	IC781	75005773	IC, MM1663DHBE
U01AS MAIN (PE0828)	IC783	75018004	IC, MM1852FTRE
U01AS MAIN (PE0828)	IC784	75018005	IC, PQ012GN1HZPH
U01AS MAIN (PE0828)	IC785	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC786	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC787	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC788	75009455	IC, MM1665AHBE
U01AS MAIN (PE0828)	IC789	75017095	IC, TPS2550DBVR
U01AS MAIN (PE0828)	IC790	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC791	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC792	75001217	IC, TC7SH04FU
U01AS MAIN (PE0828)	IC793	75009954	IC, GATE, TC7W32FU(TE12L, F)
U01AS MAIN (PE0828)	IC794	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC795	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC796	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC797	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC798	75012565	IC, TC74VHC244FK(EL, K)
U01AS MAIN (PE0828)	IC901	75010899	IC, AOZ1017AI
U01AS MAIN (PE0828)	IC911	75008357	DC/DC CONVERTER, TPS54310PWPRG4
U01AS MAIN (PE0828)	IC912	75008357	DC/DC CONVERTER, TPS54310PWPRG4
U01AS MAIN (PE0828)	IC921	75010899	IC, AOZ1017AI
U01AS MAIN (PE0828)	IC941	75012650	IC, XC6216B902PR
U01AS MAIN (PE0828)	IC942	75009455	IC, MM1665AHBE
U01AS MAIN (PE0828)	IC943	75005773	IC, MM1663DHBE
U01AS MAIN (PE0828)	IC951	75013708	IC, XC6108N20AMR
U01AS MAIN (PE0828)	L3100	75016331	COIL, CHIP INDUCTOR(3225), NLCV32T-100K-PF
U01AS MAIN (PE0828)	L3300	75017792	COIL, CHIP POWER INDUCTOR, VLC6045T-220M
U01AS MAIN (PE0828)	L3301	75017792	COIL, CHIP POWER INDUCTOR, VLC6045T-220M
U01AS MAIN (PE0828)	L3302	75017792	COIL, CHIP POWER INDUCTOR, VLC6045T-220M
U01AS MAIN (PE0828)	L3303	75017792	COIL, CHIP POWER INDUCTOR, VLC6045T-220M

U01AS MAIN (PE0828)	L6000	75009887	INDUCTOR, BEADS CHIP, BLM11A121SPT
U01AS MAIN (PE0828)	L6001	75009887	INDUCTOR, BEADS CHIP, BLM11A121SPT
U01AS MAIN (PE0828)	L6002	75009887	INDUCTOR, BEADS CHIP, BLM11A121SPT
U01AS MAIN (PE0828)	L6003	75009887	INDUCTOR, BEADS CHIP, BLM11A121SPT
U01AS MAIN (PE0828)	L6060	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6061	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6062	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6063	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6064	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6065	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6070	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6080	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6081	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6082	75017112	FILTER, CHIP BEADS INDUCTOR (1005), BLM15BD1
U01AS MAIN (PE0828)	L6640	75016331	COIL, CHIP INDUCTOR(3225), NLCV32T-100K-PF
U01AS MAIN (PE0828)	L7601	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U01AS MAIN (PE0828)	L7602	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U01AS MAIN (PE0828)	L9001	75017793	COIL, CHIP POWER INDUCTOR, CLF7045T-4R7N
U01AS MAIN (PE0828)	L9101	75017793	COIL, CHIP POWER INDUCTOR, CLF7045T-4R7N
U01AS MAIN (PE0828)	L9102	75017793	COIL, CHIP POWER INDUCTOR, CLF7045T-4R7N
U01AS MAIN (PE0828)	L9201	75017793	COIL, CHIP POWER INDUCTOR, CLF7045T-4R7N
U01AS MAIN (PE0828)	N001	23961276	SOLDER CREAM
U01AS MAIN (PE0828)	N002	23961260	ER M708E-3.0
U01AS MAIN (PE0828)	N003	23961257	R M708E 400G
U01AS MAIN (PE0828)	N004	23961293	S-1061SP-2 C
U01AS MAIN (PE0828)	N005	23961265	M705ESC 1.0
U01AS MAIN (PE0828)	N006	23961267	M705ESC 1.6
U01AS MAIN (PE0828)	N007	23962411	AD EP 3609
U01AS MAIN (PE0828)	N008	23964124	SOL #4520 UN
U01AS MAIN (PE0828)	PB01A	V28A001110A1	PC BOARD MAIN BOARD 32RV733
U01AS MAIN (PE0828)	PJ150	75017996	JACK RJ45, TLA-6T760
U01AS MAIN (PE0828)	PJ160	75017114	PLUG, USB RIGHTANGLE, AAE9G004K0
U01AS MAIN (PE0828)	PJ161	75017114	PLUG, USB RIGHTANGLE, AAE9G004K0
U01AS MAIN (PE0828)	PJ600	75010369	PLUG, MRC-021H-12 PC LF
U01AS MAIN (PE0828)	PJ601	75010369	PLUG, MRC-021H-12 PC LF
U01AS MAIN (PE0828)	PJ602	75014644	JACK, PHI3.5 VERTICAL, PJ-3543H
U01AS MAIN (PE0828)	PJ604	75015315	CONNECTOR, MDS-15P-H-01-B-9-U4-ZN
U01AS MAIN (PE0828)	PJ606	75014798	JACK, RCA-1002H-02B-02
U01AS MAIN (PE0828)	PJ608	75014641	JACK, RCA-385-00A-01
U01AS MAIN (PE0828)	PJ609	75017997	JACK PJ-350, PJ-350
U01AS MAIN (PE0828)	PJ660	75015314	CONNECTOR, CSS5019-1T01F
U01AS MAIN (PE0828)	PJ661	75015314	CONNECTOR, CSS5019-1T01F
U01AS MAIN (PE0828)	PJ662	75015314	CONNECTOR, CSS5019-1T01F
U01AS MAIN (PE0828)	PJ663	75006017	CONNECTOR, DC1R019JB2E400
U01AS MAIN (PE0828)	PJ790	75017998	SOCKET, TVE1EE20099
U01AS MAIN (PE0828)	Q1002	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q1003	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q1600	75014658	TRANSISTOR, DTC123YEB TL
U01AS MAIN (PE0828)	Q3000	75014656	TRANSISTOR, DTC143ZEBTL
U01AS MAIN (PE0828)	Q3005	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q3109	75002283	TRANSISTOR, IMH23 T110

U01AS MAIN (PE0828)	Q3110	75014656	TRANSISTOR, DTC143ZEBTL
U01AS MAIN (PE0828)	Q3112	75002283	TRANSISTOR, IMH23 T110
U01AS MAIN (PE0828)	Q3113	75014659	TRANSISTOR, DTA123YEB TL
U01AS MAIN (PE0828)	Q340	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6009	75010378	TRANSISTOR, 2SA1586-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6011	75007995	TRANSISTOR, 2SC4667-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6012	75007995	TRANSISTOR, 2SC4667-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6300	75010378	TRANSISTOR, 2SA1586-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6301	75010378	TRANSISTOR, 2SA1586-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6302	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6303	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6640	75007995	TRANSISTOR, 2SC4667-Y(TE85L, F)
U01AS MAIN (PE0828)	Q6641	75014656	TRANSISTOR, DTC143ZEBTL
U01AS MAIN (PE0828)	Q7022	75011444	TRANSISTOR, DTC144EEBTL
U01AS MAIN (PE0828)	Q7023	75011446	TRANSISTOR, DTA124EEBTL
U01AS MAIN (PE0828)	Q7042	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q7050	75011327	TRANSISTOR, SSM3K16FV(TPL3, Z)
U01AS MAIN (PE0828)	Q7500	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q7530	75010378	TRANSISTOR, 2SA1586-Y(TE85L, F)
U01AS MAIN (PE0828)	Q7531	75010378	TRANSISTOR, 2SA1586-Y(TE85L, F)
U01AS MAIN (PE0828)	Q7532	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q7533	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q7900	75014658	TRANSISTOR, DTC123YEB TL
U01AS MAIN (PE0828)	Q7910	75014658	TRANSISTOR, DTC123YEB TL
U01AS MAIN (PE0828)	Q7911	75017093	TRANSISTOR, FET, SSM3J16FV(TPL3, Z)
U01AS MAIN (PE0828)	Q9021	75011443	TRANSISTOR, FET, FDC602P
U01AS MAIN (PE0828)	Q9022	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q9500	75011446	TRANSISTOR, DTA124EEBTL
U01AS MAIN (PE0828)	Q9501	75011444	TRANSISTOR, DTC144EEBTL
U01AS MAIN (PE0828)	Q9502	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01AS MAIN (PE0828)	Q9503	75014747	TRANSISTOR, TPC8116-H(TE12L, Q)
U01AS MAIN (PE0828)	Q9504	75014747	TRANSISTOR, TPC8116-H(TE12L, Q)
U01AS MAIN (PE0828)	R1002	75014541	RESISTOR, CHIP(1005), 1/16W 680J, CR10-680JV
U01AS MAIN (PE0828)	R1003	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1004	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1006	75014560	RESISTOR, CHIP(1005), 1/16W 392D, CR10-392DV
U01AS MAIN (PE0828)	R1007	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1009	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R1011	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R1018	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1019	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1022	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R1030	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1034	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R1035	75014589	RESISTOR, CHIP(1005), 1/16W 73R2F, CR10-73R2F
U01AS MAIN (PE0828)	R1037	75014590	RESISTOR, CHIP(1005), 1/16W 3010D, CR10-3010D
U01AS MAIN (PE0828)	R1040	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1041	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1044	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1045	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1046	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV

U01AS MAIN (PE0828)	R1050	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R1051	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R1052	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R1053	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R1060	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1061	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1070	75014553	RESISTOR, CHIP(1005), 1/16W 122D, CR10-122DV
U01AS MAIN (PE0828)	R1071	75014587	RESISTOR, CHIP(1005), 1/16W 105J, CR10-105JV
U01AS MAIN (PE0828)	R1072	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R1073	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R1076	75014783	RESISTOR, CHIP(1005), 1/16W 153D, CR10-153DV
U01AS MAIN (PE0828)	R1077	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R1079	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV
U01AS MAIN (PE0828)	R1080	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1081	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1082	75014553	RESISTOR, CHIP(1005), 1/16W 122D, CR10-122DV
U01AS MAIN (PE0828)	R1084	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV
U01AS MAIN (PE0828)	R1085	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R1086	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R1087	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)	R1088	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R1089	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R1090	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R1091	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R1093	75014556	RESISTOR, CHIP(1005), 1/16W 202D, CR10-202DV
U01AS MAIN (PE0828)	R1096	75014547	RESISTOR, CHIP(1005), 1/16W 271D, CR10-271DV
U01AS MAIN (PE0828)	R1097	75014548	RESISTOR, CHIP(1005), 1/16W 331D, CR10-331DV
U01AS MAIN (PE0828)	R1098	75014545	RESISTOR, CHIP(1005), 1/16W 181D, CR10-181DV
U01AS MAIN (PE0828)	R1099	75014563	RESISTOR, CHIP(1005), 1/16W 512D, CR10-512DV
U01AS MAIN (PE0828)	R1101	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R1102	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R1103	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R1104	75014587	RESISTOR, CHIP(1005), 1/16W 105J, CR10-105JV
U01AS MAIN (PE0828)	R1106	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)	R1107	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1109	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R1110	75014550	RESISTOR, CHIP(1005), 1/16W 471D, CR10-471DV
U01AS MAIN (PE0828)	R1111	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1112	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)	R1113	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)	R1114	75014555	RESISTOR, CHIP(1005), 1/16W 182D, CR10-182DV
U01AS MAIN (PE0828)	R1115	75014555	RESISTOR, CHIP(1005), 1/16W 182D, CR10-182DV
U01AS MAIN (PE0828)	R1119	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1129	75014565	RESISTOR, CHIP(1005), 1/16W 822D, CR10-822DV
U01AS MAIN (PE0828)	R1130	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1190	75014563	RESISTOR, CHIP(1005), 1/16W 512D, CR10-512DV
U01AS MAIN (PE0828)	R1191	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R1192	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R1223	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)	R1230	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R1231	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV

U01AS MAIN (PE0828)		R1235	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R1238	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R1239	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R1240	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R1242	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)		R1243	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)		R1244	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)		R1500	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV
U01AS MAIN (PE0828)		R1505	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R1506	75017103	RESISTOR, CHIP (1005), CR1/16S 2491DV PB(F)
U01AS MAIN (PE0828)		R1518	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R1519	75014587	RESISTOR, CHIP(1005), 1/16W 105J, CR10-105JV
U01AS MAIN (PE0828)		R1524	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R1526	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R1528	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R1529	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R1600	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		R1601	75014558	RESISTOR, CHIP(1005), 1/16W 242D, CR10-242DV
U01AS MAIN (PE0828)		R1602	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R1603	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)		R1604	75014574	RESISTOR, CHIP(1005), 1/16W 333D, CR10-333DV
U01AS MAIN (PE0828)		R1605	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R3000	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)		R3002	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		R3003	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R3004	75014536	RESISTOR, CHIP(1005), 1/16W 220J, CR10-220JV
U01AS MAIN (PE0828)		R3034	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)		R3035	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)		R3133	75014564	RESISTOR, CHIP(1005), 1/16W 682D, CR10-682DV
U01AS MAIN (PE0828)		R3134	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)		R3136	75014571	RESISTOR, CHIP(1005), 1/16W 243D, CR10-243DV
U01AS MAIN (PE0828)		R3137	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)		R3138	75014571	RESISTOR, CHIP(1005), 1/16W 243D, CR10-243DV
U01AS MAIN (PE0828)		R3139	75014564	RESISTOR, CHIP(1005), 1/16W 682D, CR10-682DV
U01AS MAIN (PE0828)		R3140	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R3141	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R3142	75014566	RESISTOR, CHIP(1005), 1/16W 912D, CR10-912DV
U01AS MAIN (PE0828)		R3144	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)		R3145	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R3146	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R3147	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R3149	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R3150	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R3151	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)		R3152	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)		R3153	75014566	RESISTOR, CHIP(1005), 1/16W 912D, CR10-912DV
U01AS MAIN (PE0828)		R3154	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R3302	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		R3303	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		R3304	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV
U01AS MAIN (PE0828)		R3305	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV

U01AS MAIN (PE0828)	R3306	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)	R3313	75017987	RESISTOR CHIP RES 1/4W 6R8F (3216), CR32-6R8F
U01AS MAIN (PE0828)	R3314	75017987	RESISTOR CHIP RES 1/4W 6R8F (3216), CR32-6R8F
U01AS MAIN (PE0828)	R3316	75017987	RESISTOR CHIP RES 1/4W 6R8F (3216), CR32-6R8F
U01AS MAIN (PE0828)	R3317	75017987	RESISTOR CHIP RES 1/4W 6R8F (3216), CR32-6R8F
U01AS MAIN (PE0828)	R3318	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R3400	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R3401	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)	R3402	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R3405	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R3406	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R3407	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R3408	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R3409	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R3410	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6000	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6001	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6002	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6003	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6004	75014783	RESISTOR, CHIP(1005), 1/16W 153D, CR10-153DV
U01AS MAIN (PE0828)	R6005	75014781	RESISTOR, CHIP(1005), 1/16W 562D, CR10-562DV
U01AS MAIN (PE0828)	R6006	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6007	75014786	RESISTOR, CHIP(2012), 1/8W 151J, CR20-151JV
U01AS MAIN (PE0828)	R6008	75014786	RESISTOR, CHIP(2012), 1/8W 151J, CR20-151JV
U01AS MAIN (PE0828)	R6009	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6010	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6013	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)	R6014	75014581	RESISTOR, CHIP(1005), 1/16W 104D, CR10-104DV
U01AS MAIN (PE0828)	R6020	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6021	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6022	75014783	RESISTOR, CHIP(1005), 1/16W 153D, CR10-153DV
U01AS MAIN (PE0828)	R6023	75014781	RESISTOR, CHIP(1005), 1/16W 562D, CR10-562DV
U01AS MAIN (PE0828)	R6024	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6027	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6042	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6043	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6044	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6046	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6047	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6049	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6051	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6052	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6053	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6057	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)	R6062	75014550	RESISTOR, CHIP(1005), 1/16W 471D, CR10-471DV
U01AS MAIN (PE0828)	R6063	75014550	RESISTOR, CHIP(1005), 1/16W 471D, CR10-471DV
U01AS MAIN (PE0828)	R6065	75014784	RESISTOR, CHIP(1608), 1/10W 750J, CR16-750JV
U01AS MAIN (PE0828)	R6066	75014784	RESISTOR, CHIP(1608), 1/10W 750J, CR16-750JV
U01AS MAIN (PE0828)	R6067	75014784	RESISTOR, CHIP(1608), 1/10W 750J, CR16-750JV
U01AS MAIN (PE0828)	R6068	75014784	RESISTOR, CHIP(1608), 1/10W 750J, CR16-750JV
U01AS MAIN (PE0828)	R6069	75014550	RESISTOR, CHIP(1005), 1/16W 471D, CR10-471DV

U01AS MAIN (PE0828)	R6070	75014550	RESISTOR, CHIP(1005), 1/16W 471D, CR10-471DV
U01AS MAIN (PE0828)	R6071	75014785	RESISTOR, CHIP(2012), 1/8W 750J, CR20-750JV
U01AS MAIN (PE0828)	R6076	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R6078	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6079	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R6088	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R6089	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R6090	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R6094	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6095	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6096	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6097	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6098	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6099	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6100	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6101	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6102	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6104	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6106	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6107	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6108	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6109	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6110	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6111	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6112	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6115	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6116	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6117	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6118	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6121	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6125	75014588	RESISTOR, CHIP(1005), 1/16W 475J, CR10-475JV
U01AS MAIN (PE0828)	R6136	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)	R6141	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6143	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6144	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6145	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6146	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6147	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6148	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6153	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6154	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6155	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6158	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6159	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6160	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6161	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6162	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6163	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)	R6164	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R6165	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)	R6166	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV

U01AS MAIN (PE0828)	R6168	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R6171	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6300	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R6301	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6302	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)	R6303	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6304	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)	R6305	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6306	75014574	RESISTOR, CHIP(1005), 1/16W 333D, CR10-333DV
U01AS MAIN (PE0828)	R6307	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6308	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)	R6309	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6310	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U01AS MAIN (PE0828)	R6311	75014576	RESISTOR, CHIP(1005), 1/16W 393D, CR10-393DV
U01AS MAIN (PE0828)	R6312	75014586	RESISTOR CHIP RES 1/16W 474D (1005), CR10-474
U01AS MAIN (PE0828)	R6313	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6314	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6320	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6505	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6507	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)	R6508	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6509	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6520	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6522	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R6523	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R6524	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6525	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R6526	75014546	RESISTOR, CHIP(1005), 1/16W 221D, CR10-221DV
U01AS MAIN (PE0828)	R6600	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6601	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6602	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6603	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6604	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6605	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6606	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6607	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6608	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6609	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)	R6610	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R6611	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R6612	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R6613	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R6616	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R6617	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)	R6624	75014535	RESISTOR, CHIP(1005), 1/16W 100J, CR10-100JV
U01AS MAIN (PE0828)	R6643	75014535	RESISTOR, CHIP(1005), 1/16W 100J, CR10-100JV
U01AS MAIN (PE0828)	R6644	75014535	RESISTOR, CHIP(1005), 1/16W 100J, CR10-100JV
U01AS MAIN (PE0828)	R6645	75014535	RESISTOR, CHIP(1005), 1/16W 100J, CR10-100JV
U01AS MAIN (PE0828)	R6646	75014535	RESISTOR, CHIP(1005), 1/16W 100J, CR10-100JV
U01AS MAIN (PE0828)	R6680	75016268	RESISTOR, CHIP (1005), 1/16W 272D, CR10-272DV
U01AS MAIN (PE0828)	R6681	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV

U01AS MAIN (PE0828)		R6682	75015487	RESISTOR, CHIP (1005), 1/16W 821D, CR10-821DV
U01AS MAIN (PE0828)		R6683	75008671	RESISTOR, CHIP (1005), CR1/16S 560DV PB(F)
U01AS MAIN (PE0828)		R6684	75012599	RESISTOR, CHIP(1005), CR1/16S 220DV PB(F)
U01AS MAIN (PE0828)		R6688	75014553	RESISTOR, CHIP(1005), 1/16W 122D, CR10-122DV
U01AS MAIN (PE0828)		R6689	75014563	RESISTOR, CHIP(1005), 1/16W 512D, CR10-512DV
U01AS MAIN (PE0828)		R6690	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV
U01AS MAIN (PE0828)		R7004	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7009	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		R7012	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7013	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7016	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7017	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7019	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U01AS MAIN (PE0828)		R7023	75014572	RESISTOR, CHIP(1005), 1/16W 273D, CR10-273DV
U01AS MAIN (PE0828)		R7024	75014536	RESISTOR, CHIP(1005), 1/16W 220J, CR10-220JV
U01AS MAIN (PE0828)		R7026	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R7027	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R7035	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7039	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7055	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7056	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7064	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R7070	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7111	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R7112	75014780	RESISTOR, CHIP(1005), 1/16W 151D, CR10-151DV
U01AS MAIN (PE0828)		R7120	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7121	75016278	RESISTOR, CHIP (1995), 1/16W 201D, CR10-201DV
U01AS MAIN (PE0828)		R7122	75017986	RESISTOR CHIP RES 1/16W 823D (1005), CR10-823
U01AS MAIN (PE0828)		R7130	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7132	75014780	RESISTOR, CHIP(1005), 1/16W 151D, CR10-151DV
U01AS MAIN (PE0828)		R7133	75014780	RESISTOR, CHIP(1005), 1/16W 151D, CR10-151DV
U01AS MAIN (PE0828)		R7137	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7140	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7141	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7142	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R7143	75014560	RESISTOR, CHIP(1005), 1/16W 392D, CR10-392DV
U01AS MAIN (PE0828)		R7144	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7145	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R7146	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7504	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7505	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7506	75014574	RESISTOR, CHIP(1005), 1/16W 333D, CR10-333DV
U01AS MAIN (PE0828)		R7507	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7530	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7531	75014557	RESISTOR, CHIP(1005), 1/16W 222D, CR10-222DV
U01AS MAIN (PE0828)		R7532	75014542	RESISTOR, CHIP(1005), 1/16W 750J, CR10-750JV
U01AS MAIN (PE0828)		R7533	75014586	RESISTOR CHIP RES 1/16W 474D (1005), CR10-474
U01AS MAIN (PE0828)		R7534	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7535	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7536	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7537	75014574	RESISTOR, CHIP(1005), 1/16W 333D, CR10-333DV

U01AS MAIN (PE0828)		R7538	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)		R7539	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7540	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7541	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)		R7542	75014574	RESISTOR, CHIP(1005), 1/16W 333D, CR10-333DV
U01AS MAIN (PE0828)		R7543	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7602	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7603	75014564	RESISTOR, CHIP(1005), 1/16W 682D, CR10-682DV
U01AS MAIN (PE0828)		R7604	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7605	75014548	RESISTOR, CHIP(1005), 1/16W 331D, CR10-331DV
U01AS MAIN (PE0828)		R7606	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R7607	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R7608	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7609	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7610	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R7611	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R7612	75014537	RESISTOR, CHIP(1005), 1/16W 330J, CR10-330JV-
U01AS MAIN (PE0828)		R7802	75014554	RESISTOR, CHIP(1005), 1/16W 152D, CR10-152DV
U01AS MAIN (PE0828)		R7815	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R7900	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7911	75014570	RESISTOR, CHIP(1005), 1/16W 223D, CR10-223DV
U01AS MAIN (PE0828)		R7912	75014560	RESISTOR, CHIP(1005), 1/16W 392D, CR10-392DV
U01AS MAIN (PE0828)		R7913	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R7915	75014552	RESISTOR, CHIP(1005), 1/16W 102D, CR10-102DV
U01AS MAIN (PE0828)		R7916	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R7917	75017092	RESISTOR, CHIP(1005), 1/16W 334D, CR10-334DV
U01AS MAIN (PE0828)		R7918	75014548	RESISTOR, CHIP(1005), 1/16W 331D, CR10-331DV
U01AS MAIN (PE0828)		R7920	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7921	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7922	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7940	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R7941	75014538	RESISTOR, CHIP(1005), 1/16W 470J, CR10-470JV
U01AS MAIN (PE0828)		R7950	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)		R7951	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7952	75014577	RESISTOR, CHIP(1005), 1/16W 473D, CR10-473DV
U01AS MAIN (PE0828)		R7953	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7954	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7955	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R7956	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)		R9001	75014568	RESISTOR, CHIP(1005), 1/16W 123D, CR10-123DV
U01AS MAIN (PE0828)		R9003	75014595	RESISTOR, CHIP(2012), 1/8W 470J, CR20-470JV
U01AS MAIN (PE0828)		R9004	75014573	RESISTOR, CHIP(1005), 1/16W 303D, CR10-303DV
U01AS MAIN (PE0828)		R9005	75014558	RESISTOR, CHIP(1005), 1/16W 242D, CR10-242DV
U01AS MAIN (PE0828)		R9006	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R9007	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		R9021	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R9022	75014584	RESISTOR, CHIP(1005), 1/16W 224D, CR10-224DV
U01AS MAIN (PE0828)		R9023	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)		R9024	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)		R9025	75014592	RESISTOR, CHIP(1608), 1/10W 331J, CR16-331JV
U01AS MAIN (PE0828)		R9131	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV

U01AS MAIN (PE0828)	R9132	75014565	RESISTOR, CHIP(1005), 1/16W 822D, CR10-822DV
U01AS MAIN (PE0828)	R9133	75014553	RESISTOR, CHIP(1005), 1/16W 122D, CR10-122DV
U01AS MAIN (PE0828)	R9134	75014549	RESISTOR, CHIP(1005), 1/16W 391D, CR10-391DV
U01AS MAIN (PE0828)	R9136	75014560	RESISTOR, CHIP(1005), 1/16W 392D, CR10-392DV
U01AS MAIN (PE0828)	R9137	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R9138	75014580	RESISTOR, CHIP(1005), 1/16W 913D, CR10-913DV
U01AS MAIN (PE0828)	R9141	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R9142	75014571	RESISTOR, CHIP(1005), 1/16W 243D, CR10-243DV
U01AS MAIN (PE0828)	R9143	75014556	RESISTOR, CHIP(1005), 1/16W 202D, CR10-202DV
U01AS MAIN (PE0828)	R9144	75014549	RESISTOR, CHIP(1005), 1/16W 391D, CR10-391DV
U01AS MAIN (PE0828)	R9146	75014560	RESISTOR, CHIP(1005), 1/16W 392D, CR10-392DV
U01AS MAIN (PE0828)	R9147	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R9148	75014580	RESISTOR, CHIP(1005), 1/16W 913D, CR10-913DV
U01AS MAIN (PE0828)	R9201	75014569	RESISTOR, CHIP(1005), 1/16W 183D, CR10-183DV
U01AS MAIN (PE0828)	R9204	75014578	RESISTOR, CHIP(1005), 1/16W 563D, CR10-563DV
U01AS MAIN (PE0828)	R9205	75014562	RESISTOR, CHIP(1005), 1/16W 472D, CR10-472DV
U01AS MAIN (PE0828)	R9206	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R9208	75014595	RESISTOR, CHIP(2012), 1/8W 470J, CR20-470JV
U01AS MAIN (PE0828)	R9209	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)	R9500	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R9510	75014564	RESISTOR, CHIP(1005), 1/16W 682D, CR10-682DV
U01AS MAIN (PE0828)	R9511	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R9512	75014783	RESISTOR, CHIP(1005), 1/16W 153D, CR10-153DV
U01AS MAIN (PE0828)	R9520	75014559	RESISTOR, CHIP(1005), 1/16W 332D, CR10-332DV
U01AS MAIN (PE0828)	R9521	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R9522	75014584	RESISTOR, CHIP(1005), 1/16W 224D, CR10-224DV
U01AS MAIN (PE0828)	R9524	75014567	RESISTOR, CHIP(1005), 1/16W 103D, CR10-103DV
U01AS MAIN (PE0828)	R9650	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R9651	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R9652	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	R9653	75014544	RESISTOR, CHIP(1005), 1/16W 101D, CR10-101DV
U01AS MAIN (PE0828)	RM100	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)	RM101	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)	RM102	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)	RM110	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM112	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM113	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM114	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM115	75014600	RESISTOR, CHIP NETWORK (1005X4), ACR104-101J
U01AS MAIN (PE0828)	RM116	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)	RM118	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM119	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM120	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM121	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM122	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM123	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM124	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)	RM126	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)	RM130	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)	RM131	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)	RM138	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J

U01AS MAIN (PE0828)		RM139	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM140	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM141	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM142	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM147	75014605	RESISTOR, CHIP NETWORK (1005X4), ACR104-223J
U01AS MAIN (PE0828)		RM148	75014605	RESISTOR, CHIP NETWORK (1005X4), ACR104-223J
U01AS MAIN (PE0828)		RM149	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM150	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM151	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM152	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM153	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM154	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM155	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM156	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM301	75014600	RESISTOR, CHIP NETWORK (1005X4), ACR104-101J
U01AS MAIN (PE0828)		RM651	75016368	RESISTOR, CHIP NETWORK (1005X4), ACR104-560J
U01AS MAIN (PE0828)		RM652	75016368	RESISTOR, CHIP NETWORK (1005X4), ACR104-560J
U01AS MAIN (PE0828)		RM653	75016368	RESISTOR, CHIP NETWORK (1005X4), ACR104-560J
U01AS MAIN (PE0828)		RM654	75016368	RESISTOR, CHIP NETWORK (1005X4), ACR104-560J
U01AS MAIN (PE0828)		RM655	75016368	RESISTOR, CHIP NETWORK (1005X4), ACR104-560J
U01AS MAIN (PE0828)		RM656	75016368	RESISTOR, CHIP NETWORK (1005X4), ACR104-560J
U01AS MAIN (PE0828)		RM700	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)		RM706	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM707	75014788	RESISTOR, CHIP NETWORK (1005X4), ACR104-220J
U01AS MAIN (PE0828)		RM708	75014597	RESISTOR, CHIP NETWORK (1005X4), ACR104-470J
U01AS MAIN (PE0828)		RM710	75014606	RESISTOR, CHIP NETWORK (1005X4), ACR104-333J
U01AS MAIN (PE0828)		RM711	75014601	RESISTOR, CHIP NETWORK (1005X4), ACR104-102J
U01AS MAIN (PE0828)		RM712	75014602	RESISTOR, CHIP NETWORK (1005X4), ACR104-472J
U01AS MAIN (PE0828)		RM747	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM748	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM761	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM762	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM763	75014787	RESISTOR, CHIP NETWORK (1005X4), ACR104-100J
U01AS MAIN (PE0828)		RM765	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM766	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM767	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM768	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM769	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM770	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM771	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM772	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM773	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM774	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM775	75014787	RESISTOR, CHIP NETWORK (1005X4), ACR104-100J
U01AS MAIN (PE0828)		RM776	75014787	RESISTOR, CHIP NETWORK (1005X4), ACR104-100J
U01AS MAIN (PE0828)		RM777	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM778	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM779	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM780	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM781	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM782	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J

U01AS MAIN (PE0828)		RM783	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM784	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM785	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM786	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM787	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM788	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM789	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM790	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM791	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM792	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM793	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM794	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM795	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM796	75014790	RESISTOR, CHIP NETWORK (1005X4), ACR104-473J
U01AS MAIN (PE0828)		RM797	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM798	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RM799	75014789	RESISTOR, CHIP NETWORK (1005X4), ACR104-330J
U01AS MAIN (PE0828)		RV600	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV601	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV602	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV603	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV605	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV606	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV607	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV612	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV613	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV614	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV615	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV616	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV617	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV618	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV619	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV624	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV625	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV626	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		RV710	75014634	VARISTOR, CHIP, V1MA=27V C=15PF, AVR-M1005C
U01AS MAIN (PE0828)		W1003	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W1007	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W1010	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W1017	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W1150	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W3120	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W3121	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W3122	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W3124	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W6066	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W6153	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W6154	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W6159	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U01AS MAIN (PE0828)		W6500	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U01AS MAIN (PE0828)		W6501	75014591	JUMPER, CHIP(1608), 1A, CR16-000V

U01AS MAIN (PE0828)		W7500	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W7501	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W7910	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W7911	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W7912	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W7913	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W7914	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		W9101	75014533	JUMPER, CHIP 1005 1.0A, CR10-000V
U01AS MAIN (PE0828)		X1000	75014637	RESONATOR, DSX321G 12.000MHZ
U01AS MAIN (PE0828)		X1002	75014636	RESONATOR, C27000E033
U01AS MAIN (PE0828)		X1003	75017797	RESONATOR, DSX321G 42.000MHZ
U01AS MAIN (PE0828)		X1500	75017794	RESONATOR, DSX321G 25.000MHZ
U01AS MAIN (PE0828)		X160	75017795	RESONATOR, DSX321G 30.000MHZ
U01AS MAIN (PE0828)		X7000	75016272	RESONATOR, CCR25.0MYC7T1
U01AS MAIN (PE0828)		X7001	75017796	RESONATOR, DMX-26S 32.768KHZ
U01AS MAIN (PE0828)		X7600	75017995	RESONATOR 41MHZ, DSX321G 41.000MHZ
U01AS MAIN (PE0828)		YT00Z	V66A00147500	LABEL INK RIBBON
U01AS MAIN (PE0828)		YT01F	V66A00147000	LABEL UNIT HR1215-50
U02A KEY (PE0720)	*	U02A	75014808	PC BOARD ASSY, PE0720A1, KEY
U02A KEY (PE0720)		PJ730	75014689	CONNECTOR, B04B-PASK(LF)(SN)
U02A KEY (PE0720)		RB71	76011683	RESISTOR, CHIP, 1/20W 68K OHM J
U02A KEY (PE0720)		RB72	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U02A KEY (PE0720)		RB73	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U02A KEY (PE0720)		RB77	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U02A KEY (PE0720)		SA01	75014688	SWITCH, KGS6N4252BT
U02A KEY (PE0720)		SA02	75014688	SWITCH, KGS6N4252BT
U02A KEY (PE0720)		SA03	75014688	SWITCH, KGS6N4252BT
U02A KEY (PE0720)		SA04	75014688	SWITCH, KGS6N4252BT
U02A KEY (PE0720)		SA05	75014688	SWITCH, KGS6N4252BT
U02A KEY (PE0720)		SA06	75014688	SWITCH, KGS6N4252BT
U02A KEY (PE0720)		SA07	75014688	SWITCH, KGS6N4252BT
U03A LED (PE0829)	*	U03A	75018030	PC BOARD ASSY, PE0829A1, LED
U03A LED (PE0829)		D731	75017821	DIODE, ZENER, UDZSNPTE-176.8B
U03A LED (PE0829)		D732	75017821	DIODE, ZENER, UDZSNPTE-176.8B
U03A LED (PE0829)		D733	75017821	DIODE, ZENER, UDZSNPTE-176.8B
U03A LED (PE0829)		D734	75017821	DIODE, ZENER, UDZSNPTE-176.8B
U03A LED (PE0829)		D735	75017821	DIODE, ZENER, UDZSNPTE-176.8B
U03A LED (PE0829)		DS730	75009054	DIODE, LED, SML-020MLT T86
U03A LED (PE0829)		DS731	75009054	DIODE, LED, SML-020MLT T86
U03A LED (PE0829)		DS732	75009054	DIODE, LED, SML-020MLT T86
U03A LED (PE0829)		PJ740	75018008	CONNECTOR, S8B-PH-K-S(LF)(SN)
U03A LED (PE0829)		Q730	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U03A LED (PE0829)		Q731	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U03A LED (PE0829)		Q732	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U03A LED (PE0829)		Q733	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U03A LED (PE0829)		Q734	75010377	TRANSISTOR, 2SC4116-Y(TE85L, F)
U03A LED (PE0829)		R733	75014717	RESISTOR, CHIP(1608), 1/10W 102J, CR16-102JV
U03A LED (PE0829)		R734	75014717	RESISTOR, CHIP(1608), 1/10W 102J, CR16-102JV
U03A LED (PE0829)		R735	75018006	RESISTOR CHIP RES 1/10W 821J (1608), CR16-821.
U03A LED (PE0829)		R736	75018007	RESISTOR CHIP RES 1/10W 432J (1608), CR16-432.
U03A LED (PE0829)		R739	75014717	RESISTOR, CHIP(1608), 1/10W 102J, CR16-102JV

U03A LED (PE0829)		R740	75014717	RESISTOR, CHIP(1608), 1/10W 102J, CR16-102JV
U03A LED (PE0829)		R741	75015816	RESISTOR, CHIP(1608), 1/10W 302J, CR16-302JV
U03A LED (PE0829)		R742	75018007	RESISTOR CHIP RES 1/10W 432J (1608), CR16-432
U03A LED (PE0829)		R743	75018007	RESISTOR CHIP RES 1/10W 432J (1608), CR16-432
U03A LED (PE0829)		R744	75018007	RESISTOR CHIP RES 1/10W 432J (1608), CR16-432
U03A LED (PE0829)		R746	75014591	JUMPER, CHIP(1608), 1A, CR16-000V
U03B RMT (PE0829)	*	U03B	75018031	PC BOARD ASSY, PE0829A2, RMT
U03B RMT (PE0829)		C730	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U03B RMT (PE0829)		C731	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U03B RMT (PE0829)		C740	75015817	CAPACITOR, CERA CHIP 2012, 16V JB 106K, GRM2
U03B RMT (PE0829)		C741	75014630	CAPACITOR, CERA CHIP(1608), 50V JB 104K, C160
U03B RMT (PE0829)		IC740	75002236	IC, GP1UE261RKVF
U03B RMT (PE0829)		MT1	75017822	TRANSISITOR, PHOTO, BH1603FVC-STR
U03B RMT (PE0829)		PJ741	75018009	CONNECTOR, S7B-PH-K-S(LF)(SN)
U03B RMT (PE0829)		R730	75014720	RESISTOR, CHIP(1608), 1/10W 472J, CR16-472JV
U03B RMT (PE0829)		R731	75014720	RESISTOR, CHIP(1608), 1/10W 472J, CR16-472JV
U03B RMT (PE0829)		R732	75014728	RESISTOR, CHIP(1608), 1/10W 563J, CR16-563JV
U03B RMT (PE0829)		R748	75014712	RESISTOR, CHIP(1608), 1/10W 470J, CR16-470JV
U03B RMT (PE0829)		R749	75014712	RESISTOR, CHIP(1608), 1/10W 470J, CR16-470JV
Miscellaneous	⚠	B001A	75018039	DISPLAY, T370HW03 VJ
Miscellaneous		H7501	75018010	TUNER ENG37F04KF, ENG37F04KF
Miscellaneous		MZ01A	75018020	WIRE LVDS CABLE MF0554, MF0554
Miscellaneous	⚠	P801	75018022	POWER CORD UK NON-PVC ECO-FLOWER, 093027/
Miscellaneous	⚠	P801	75018026	POWER CORD EU NON-PVC ECO-FLOWER, 094929
Miscellaneous		PP25	23974994	BAND, KESSOKU
Miscellaneous	⚠	S801	75018012	SWITCH ROCKER, SDDJF10900
Miscellaneous		U500	75018011	LAMP LED LIGHTING MODULE, SMOP-B1/RZ01
Miscellaneous	⚠	U800	75018013	POWER UNIT, DPS-145PP-131
Miscellaneous		W661	75016291	SPEAKER, SPK1516AG, 35X160 8-OHM 10W
Accessory		Y103	75018028	MANUAL GOST CERT SHEET, GOST CERT SHEET
Accessory		Y104	75010400	WARRANTY CARD, RUSSIAN
Accessory	⚠	Y110	75018023	MANUAL USER ENGLISH, MANUAL USER ENGLISH
Accessory	⚠	Y110E	75018027	MANUAL USER EURO
Accessory		Y112	75018024	MANUAL REGISTRATION CARD FOR U.K, REGISTRA
Accessory		Y114	75018025	MANUAL ITA SCHEMA, ITA SCHEMA
Accessory		Y130	75018021	REMOCON HAND UNIT CT-90344 FOR RV733, CT-9(
Accessory		Y135	75015010	MANUAL, UK HELPLINE SHEET
Accessory		Y186	75009788	CLOTH, CLEAN
Cabinet		A201S	75018033	FRONT BEZEL ASSY, FOR SERVICE
Cabinet	⚠	A401	75018034	CABINET/RACK BACK COVER ASSY, BACK COVER A
Cabinet		A421	75014259	BRACKET ASSY, STAND
Cabinet		A422	75018029	BASE ASSY, STAND, SW
Cabinet		A425	75010937	TOOL SET, STAND
Packing		A701	75018035	CARTON CASE, CASE
Packing		A702A	75018036	PAD TOP PACKING, TOP PACKING
Packing		A702B	75018037	PAD BOTTOM PACKING, BOTTOM PACKING
Packing		A702C	75018018	PAD CENTER PACKING T, CENTER PACKING T
Packing		A702D	75018038	PAD CENTER PACKING BTM, CENTER PACKING BTM

PARTS LIST

Precaution

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE".

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the "SAFETY PRECAUTION" and "PRODUCT SAFETY NOTICE".

Do not degrade the safety of the receiver through improper servicing.

Note:

- The part number must be used when ordering parts, in order to assist in processing, be sure to include the Model number and Description.
- The PC board assembly with ✱ mark is no longer available after the end of the production.

Abbreviations

Capacitors	CD	:	Ceramic Disk
Resistors	CF	:	Carbon film
	OMF	:	Oxide Metal Film
	PF	:	Plastic Film
	CC	:	Carbon Composition
	VR	:	Variable Resistor
	EL	:	Electrolytic
	MF	:	Metal Film

FR : Fusible Resistor

All CD and PF capacitors are ±5 %, 50 V and all resistor, ±5 %, 1/6 W unless otherwise noted.