

LCD Color Television

42XV503D

Ver. 2.00

This model is classified as a green product (*1), as indicated by the underlined serial number.
This Service Manual describes replacement parts for the green product. When repairing this green product, use the part(s) described in this manual and lead-free solder (*2).
For (*1) and (*2), refer to **GREEN PRODUCT PROCUREMENT** and **LEAD-FREE SOLDER**.

IMPORTANT NOTICE

WARNING:

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IMPORTANT NOTICE

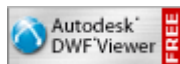
User's Guide

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Install Autodesk DWF Viewer

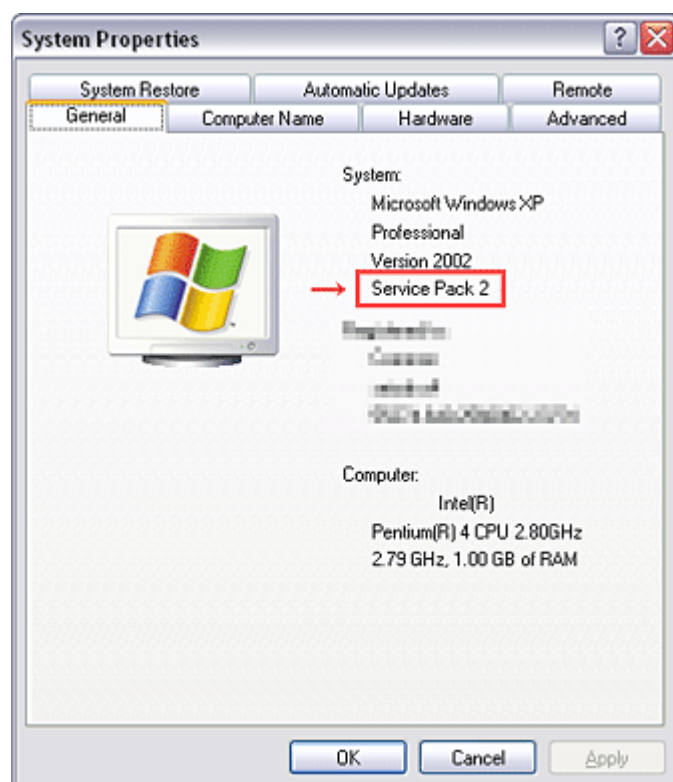
Autodesk DWF Viewer is necessary to view drawings and to activate the functions of this system. Please download and install.



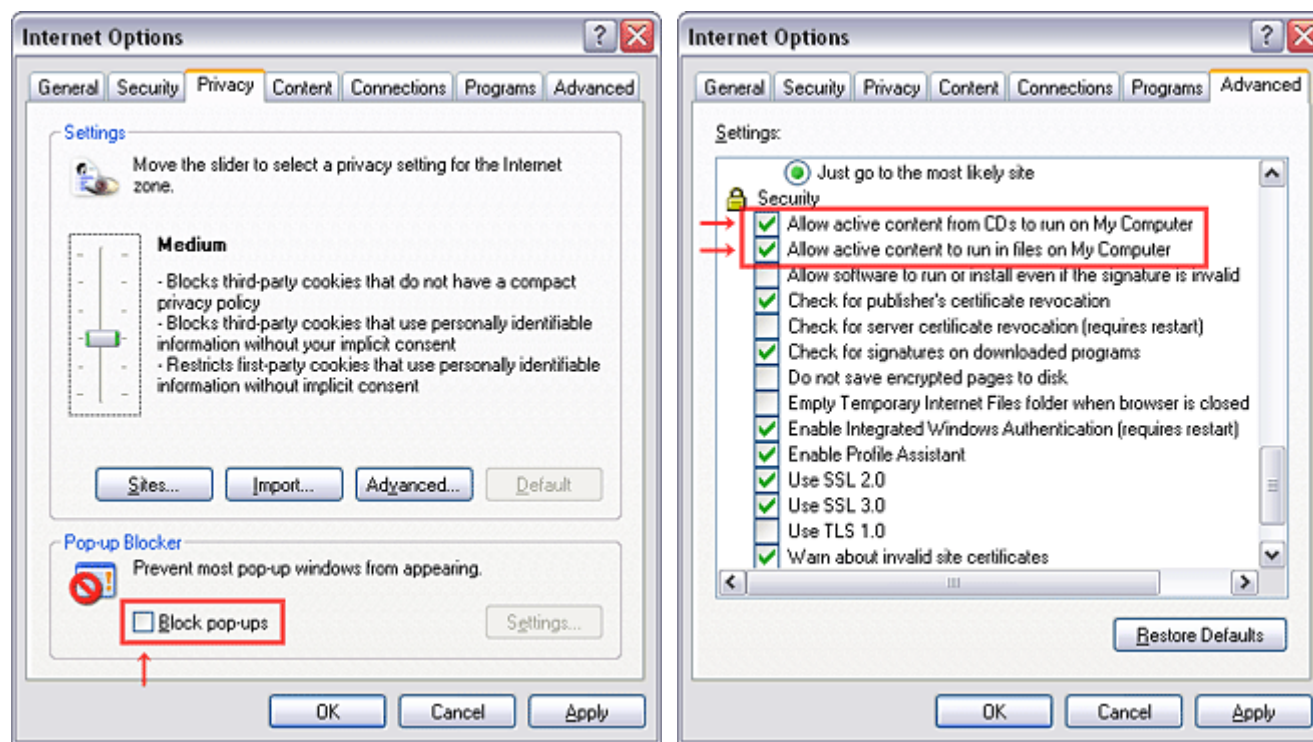
Internet Explorer Settings

When **Windows XP SP2** or **Windows Vista** is used, ActiveX control and pop-up windows are limited by the enhanced security function and this system may not work. In that case, perform the Internet Explorer setting using the following procedure to restore normal operation.

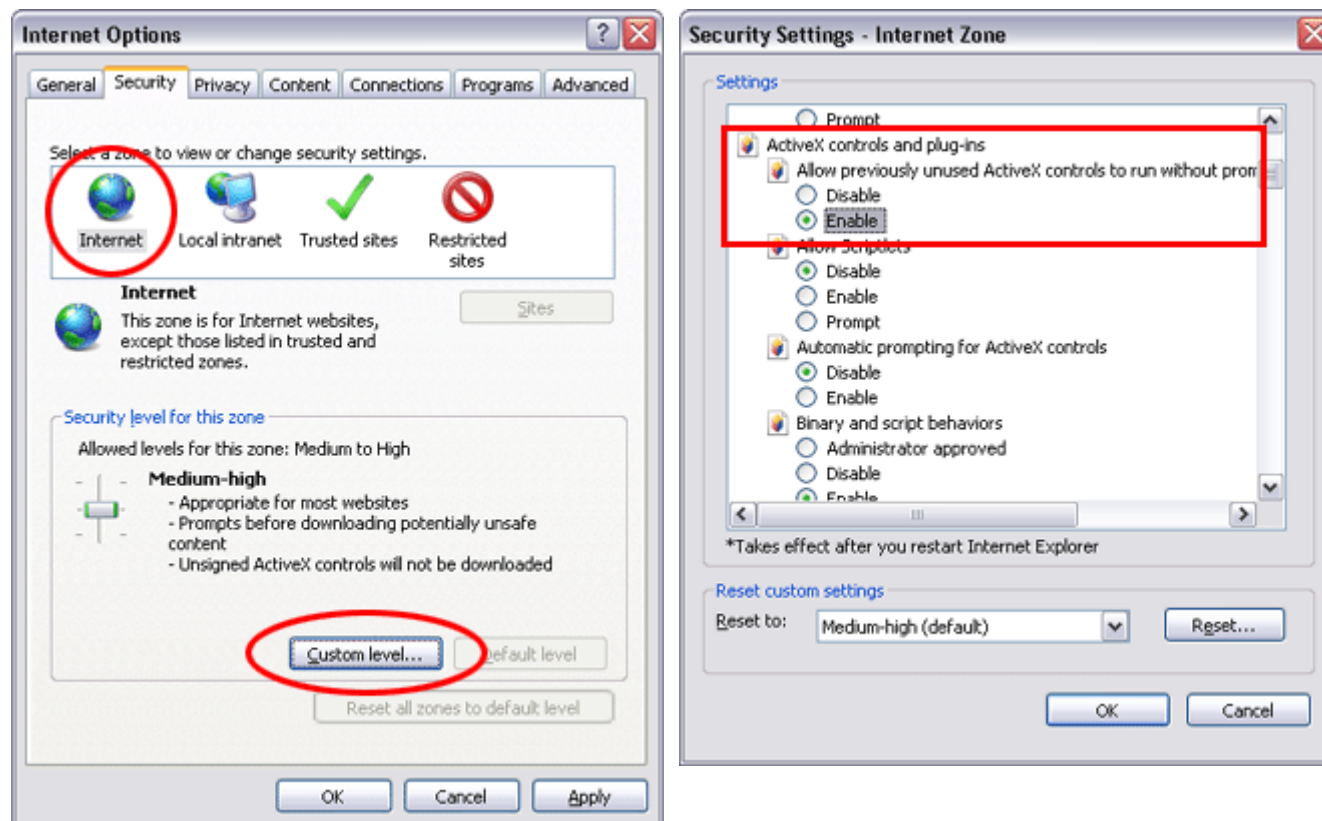
1. Windows version check
[My Computer (right-click)] - [Properties]



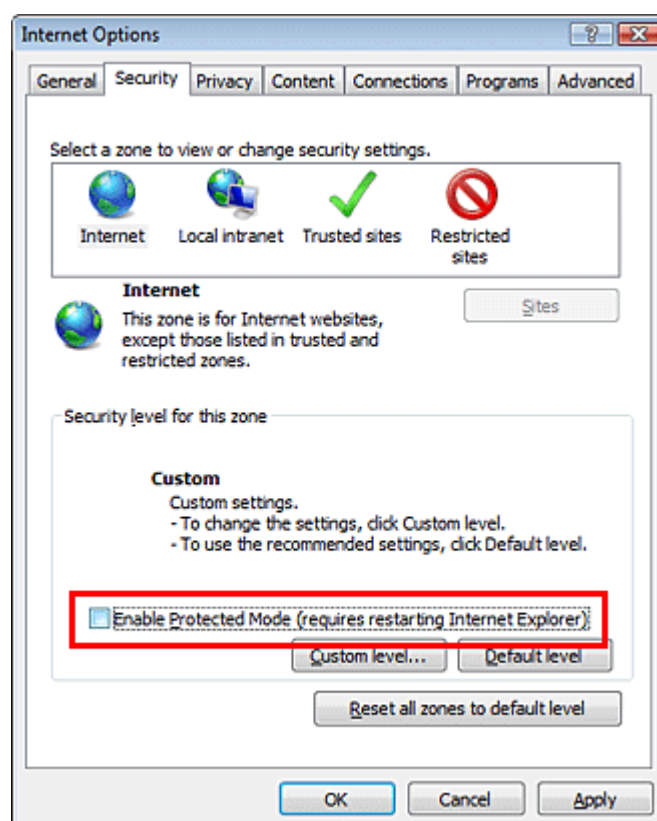
2. Internet Explorer setting
[Tools] - [Internet Options]



for Internet Explorer 7



for Windows Vista



Operating Environment

PC	: Pentium III or higher recommended
Monitor	: 1024 x 768 or higher resolution recommended
Mouse	: A mouse with wheel recommended
OS	: Microsoft Windows 2000 SP4 / XP / Vista
Browser	: Microsoft Internet Explorer 6.0 / 7.0
Drawing viewer	: Autodesk DWF Viewer 6.0 / 7.0

* Use the software following respective license terms and conditions.

Functions Provided on Each Drawing Page

Parts Information Reference Function

When the character string of a part on the drawing is clicked, its information is popped up at the location. You can get any parts information immediately on the screen without referring to the maintenance parts list.



Parts Search Function

You can search any part within the displayed drawing or within the whole schematic diagram/board view by specifying a location number. The pop-up window displayed by clicking a part 's character string allows to search the part within the applicable schematic diagram, board view or spare parts list.

A circle appears when the part is found, showing the part's location within the drawing.

Signal Line/Connector Destination Display Function

When a name at the end of a signal line in a divided schematic diagram is clicked, the destination of the signal is searched and the display changes to the destination. Connector destinations can also be searched in the same way.

When two or more search results are provided, their drawing names are displayed, allowing you to choose a desired drawing to display.

Layer Display Changing Function

When any of the color buttons on the toolbar is clicked, it can be selected to display desired layer in its color or not to display each layer. This allows you to see the pattern layer only by setting other layers to "non-display".

PC Board View Pattern Highlighting Function

When a pattern on a board view is clicked, it is highlighted in green. This allows easy pattern tracing.

Specified Area Printing Function

The Autodesk DWF Viewer enables to print the displayed drawing region as it is on a printer. It also allows to print a large-sized drawing in multiple pieces (tile printing).

Using with Network

PRECAUTION

To use ZEUS Service Manual Ver.2 with network, the file-path names written on the source files of each

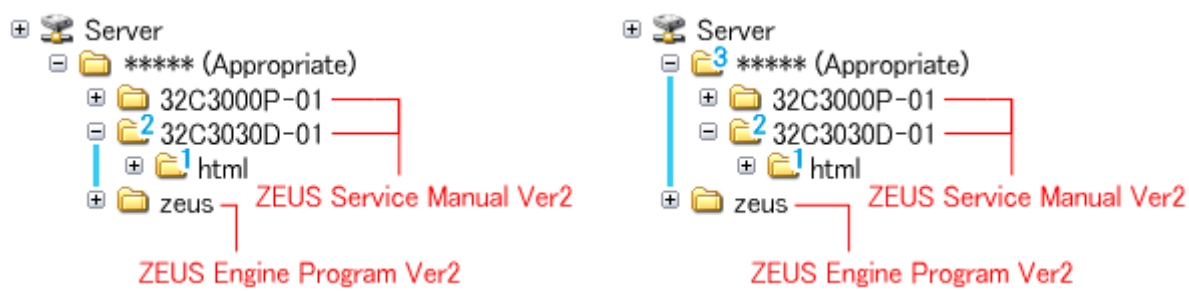
ZEUS Engine Program Ver.2 and ZEUS Service Manual Ver.2 are to be modified.
Perform the procedure described below.

Preparation

1. Run the program file zuesFPch.exe to install the program file for File-Path to the Local PC.

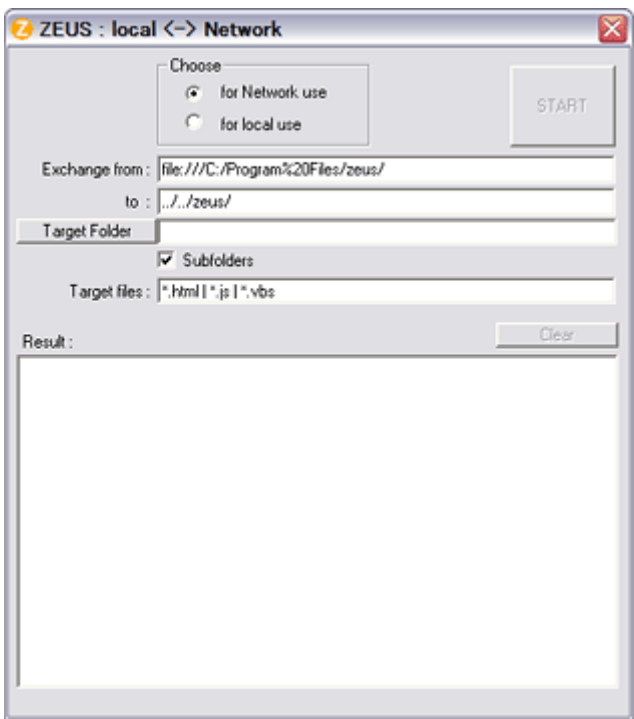
-> [Download zeusFPch_setup.zip \(2.3MB\)](#)
2. Run the program file ZeusSetup_v2.0.exe to install the ZEUS Engine Program in C:\Program Files\zeus of the local PC. This can be done by running the installer program provided.
3. Create the appropriate folder where the ZEUS Engine Program Ver.2 and the ZEUS Service Manual Ver.2 to be stored in the server.
4. Move the ZEUS Engine Program of step 2 to the folder created at step 3 in the Server.
5. Detach the ZEUS Service Manual Ver.2 to the folder created at step 3 in the Server.
6. Unzip the ZEUS Service Manual Ver.2 within the folder in the Server.

Example of folder



Procedure of File-Path

The zeusFPch is the exclusive program to exchange the file-path names written in both source files of ZEUS Manual and ZEUS Engine program into those applicable to the network use.



1. Whenever changing the file-path of both ZEUS Engine Program and ZEUS Service Manual to use with network, pay the attention to set the "Exchange to" column that should have a proper relation between ZEUS Engine Program and ZEUS Service Manual with referring the following.

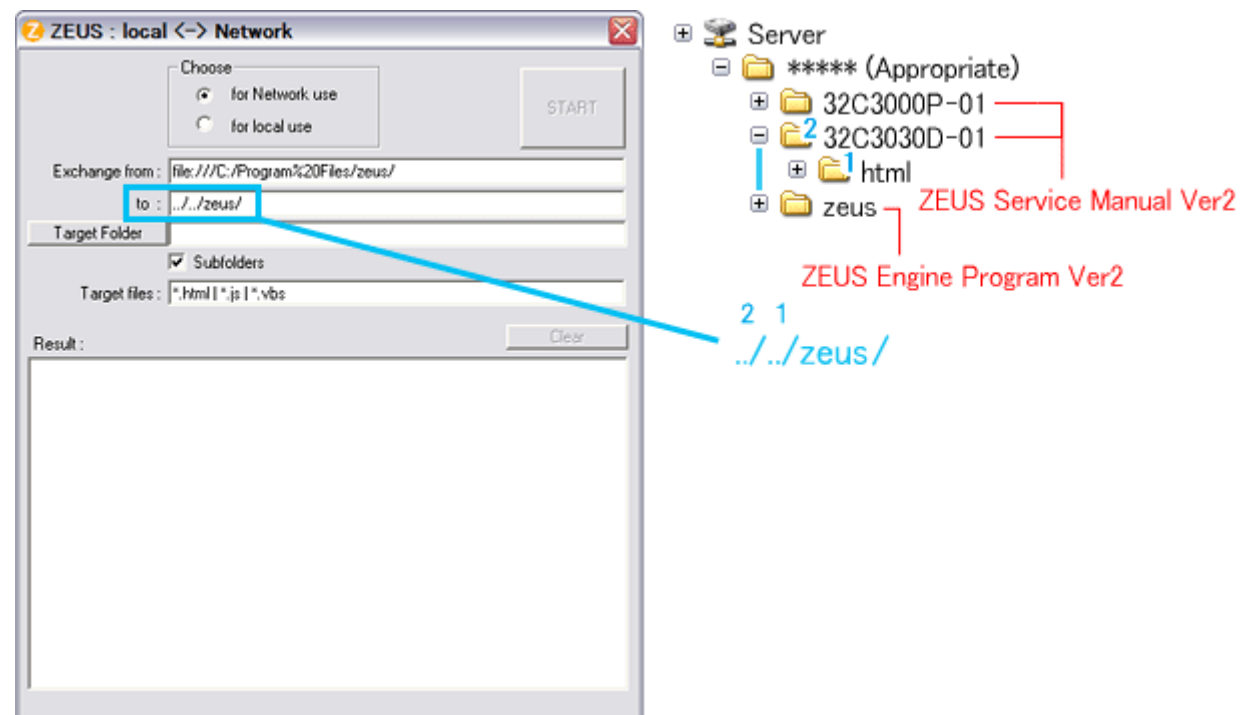
Run the zeusFPch and set "Exchange to" by referring to the examples below.

Example 1 :

In the "Exchange to" column shows the relation between ZEUS Service Manual and ZEUS Engine Program.

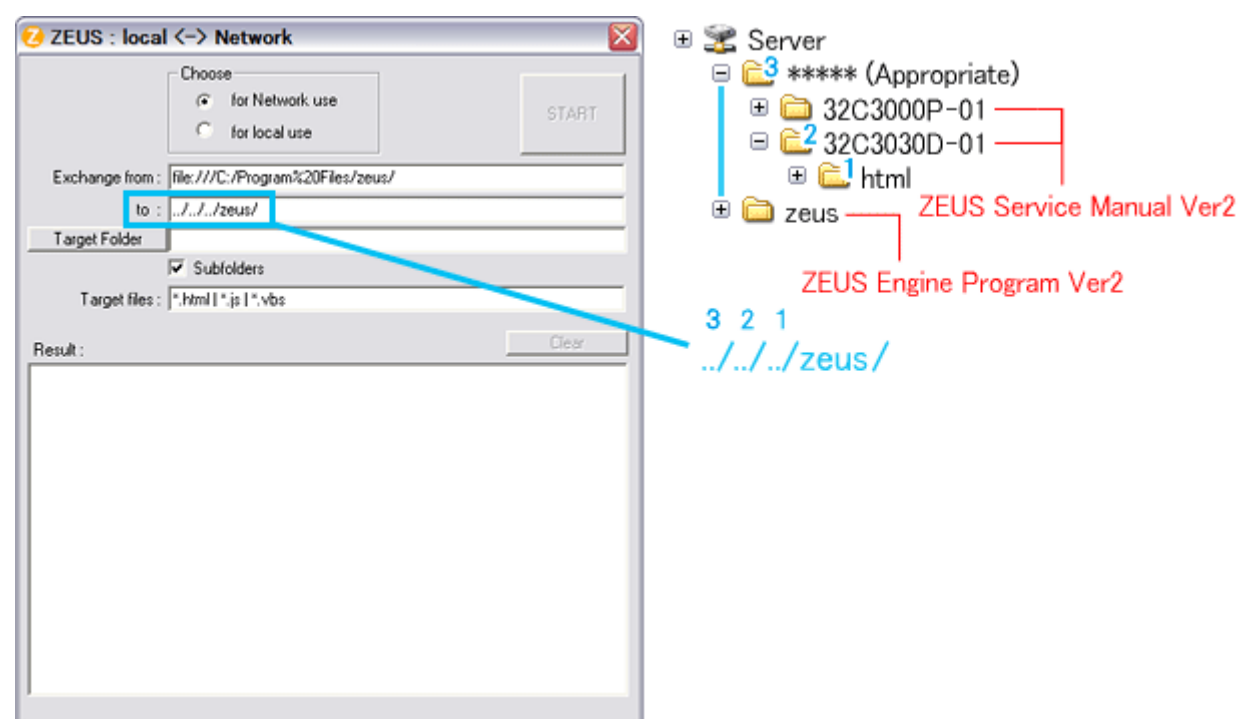
../ counts the relation between.

Thus in this case, it must be **../..zeus/** (2 counts).

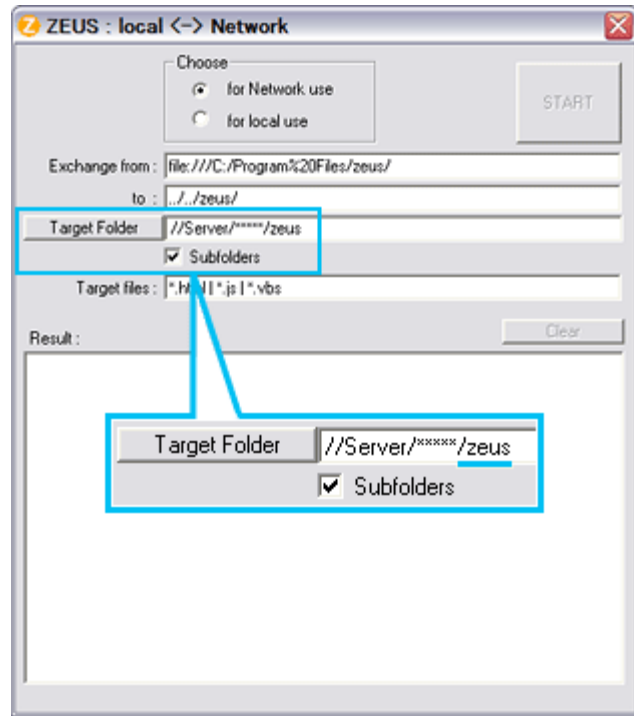


Example 2 :

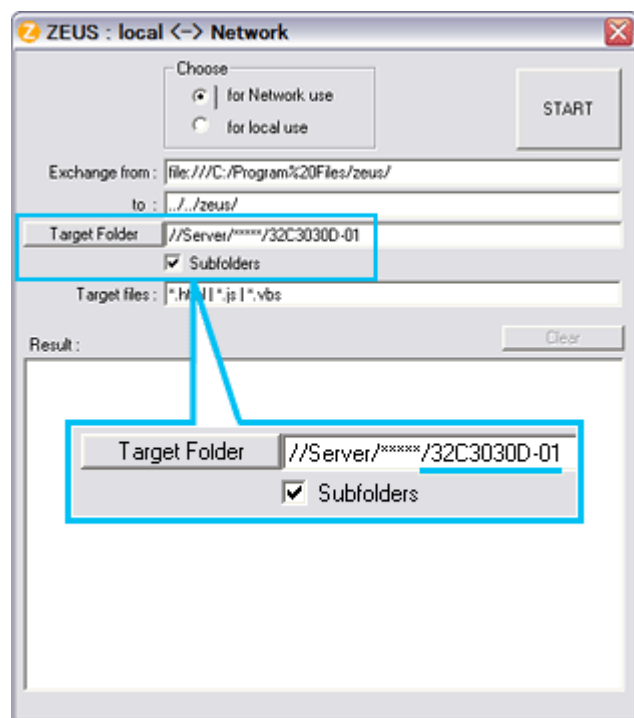
In this case, it must be **../..../zeus/** (3 counts).



2. Run the zeusFPch to change the path in the ZEUS Engine Program Ver.2.
3. Set ZEUS Engine Program in the created folder in the server to the "Target Folder", and then press "START".
(This procedure is one time only)



4. Run the ZeusFPch to change the path in the ZEUS Service Manual Ver2.
5. Set unzipped ZEUS Service Manual in the created folder in the server to the "Target Folder", and then press "START".
(This procedure is required whenever placing service manual.)



Confirmation

Confirm that service manual on the server can be operated normally by client PC.

Note:

In case of accessing the ZEUS Manual through WEB site, the small pop-up window appears at the left bottom corner on the screen whenever searching the location links. This is not malfunction.

IMPORTANT NOTICE

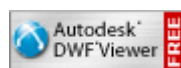
A Known Malfunction

Autodesk® DWF™ Viewer version (Free software provided through WEB)

Use Autodesk DWF Viewer ver. 6.0.

Through WEB, ver. 6.5 has been released but with it, the linking function in this manual may not work properly.

If ver. 6.5 has been installed, uninstall it and reinstall ver. 6.0.




To get ver. 6.0, click the icon, or contact to the nearest Toshiba Service Centre for further assistance.

Freezing windows opened (Cannot close the open windows)

This may happen occasionally.

In case of encountering this, follow the procedure below.

1. Press [Ctrl], [Alt] and [Delete] keys at the same time to engage windows security windows.
2. Then, choose TASK manager and Application tab, and select TOSHIBA SERVICE MANUAL-Microsoft Internet Explorer. 
3. Click TASK-end.

Main Window back forwarded

The real cause has not been found yet but with this condition, nothing disturbs the service manual operation.

Continue to use by operating the windows.

Precaution when opening the diagrams

While opening the diagrams, the menu in the left frame changes its color to GRAY. This is an indication that the viewer is processing.

With this condition, the menu indication color may stick to the GRAY color or Windows may freeze if clicking other menu.

To avoid such things, do not operate any others while menu turns GRAY color.

If entering this, re-open the service manual or refresh the left frame.

GREEN PRODUCT PROCUREMENT

The EC is actively promoting the WEEE & RoHS Directives that define standards for recycling and reuse of Waste Electrical and Electronic Equipment and for the Restriction of the use of certain Hazardous Substances. From July 1, 2006, the RoHS Directive will prohibit any marketing of new products containing the restricted substances.

Increasing attention is given to issues related to the global environmental. Toshiba Corporation recognizes environmental protection as a key management tasks, and is doing its utmost to enhance and improve the quality and scope of its environmental activities. In line with this, Toshiba proactively promotes Green Procurement, and seeks to purchase and use products, parts and materials that have low environmental impacts.

Green procurement of parts is not only confined to manufacture. The same green parts used in manufacture must also be used as replacement parts.

LEAD-FREE SOLDER

This product is manufactured using lead-free solder as a part of a movement within the consumer products industry at large to be environmentally responsible. Lead-free solder must be used in the servicing and repair of this product.

WARNING: This product is manufactured using lead free solder.
DO NOT USE LEAD BASED SOLDER TO REPAIR THIS PRODUCT!

The melting temperature of lead-free solder is higher than that of leaded solder by 86°F to 104°F (30°C to 40°C). Use of a soldering iron designed for lead-based solders to repair product made with lead-free solder may result in damage to the component and or PCB being soldered. Great care should be made to ensure high-quality soldering when servicing this product especially when soldering large components, through-hole pins, and on PCBs as the level of heat required to melt lead-free solder is high.

SAFETY INSTRUCTION

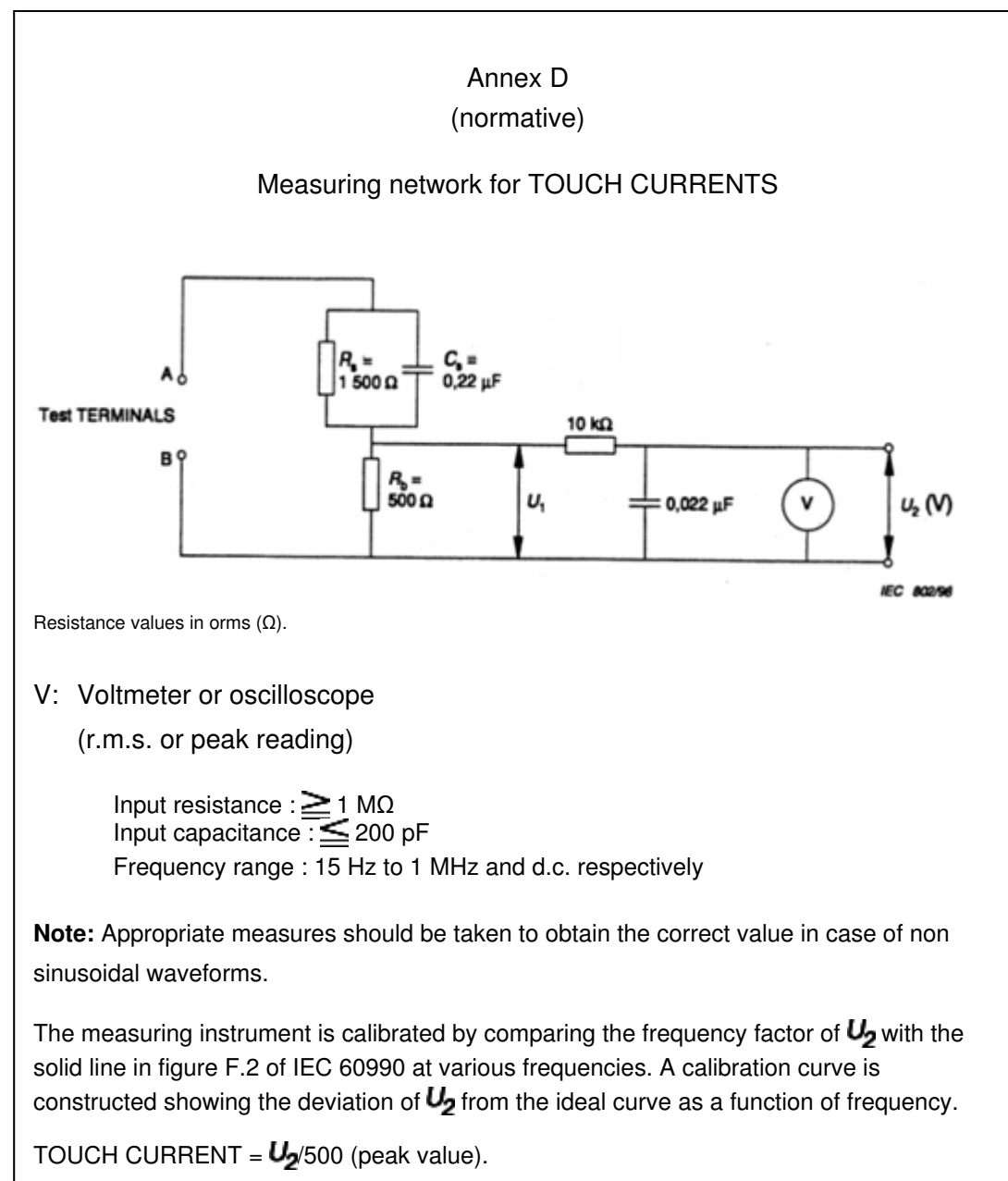
WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW.

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.



- 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. : $U_1 = 35 \text{ V}$ (peak) and $U_2 = 0.35 \text{ V}$ (peak);
- for d.c. : $U_1 = 1.0 \text{ V}$

Note: The limit values of $U_2 = 0.35 \text{ V}$ (peak) for a.c. and $U_1 = 1.0 \text{ V}$ 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.

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.

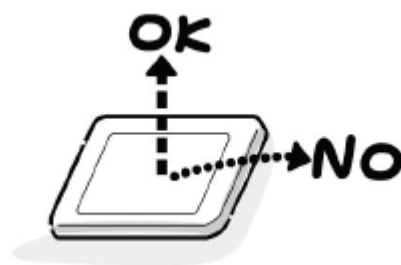
Also, never touch this fluid. Such actions could cause toxicity or skin irritation. If this fluid should enter the mouth, rinse the mouth thoroughly with water. If the fluid should contact the skin or clothing, wipe off with alcohol, etc., and rinse thoroughly with water. If the fluid should enter the 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 soiled, 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.



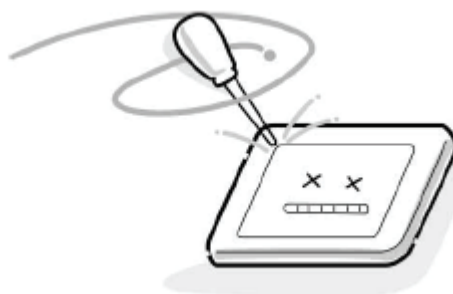
7. Do not expose the LCD module to direct sunlight or strong ultraviolet rays for an extended period of time.



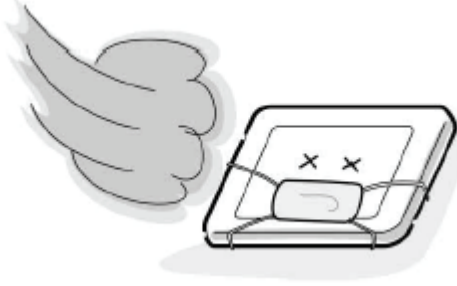
8. Do not store the LCD module below the temperature conditions described in the specifications. Failure to do so could result in freezing of the liquid crystal due to cold air or loss of resilience or other damage.

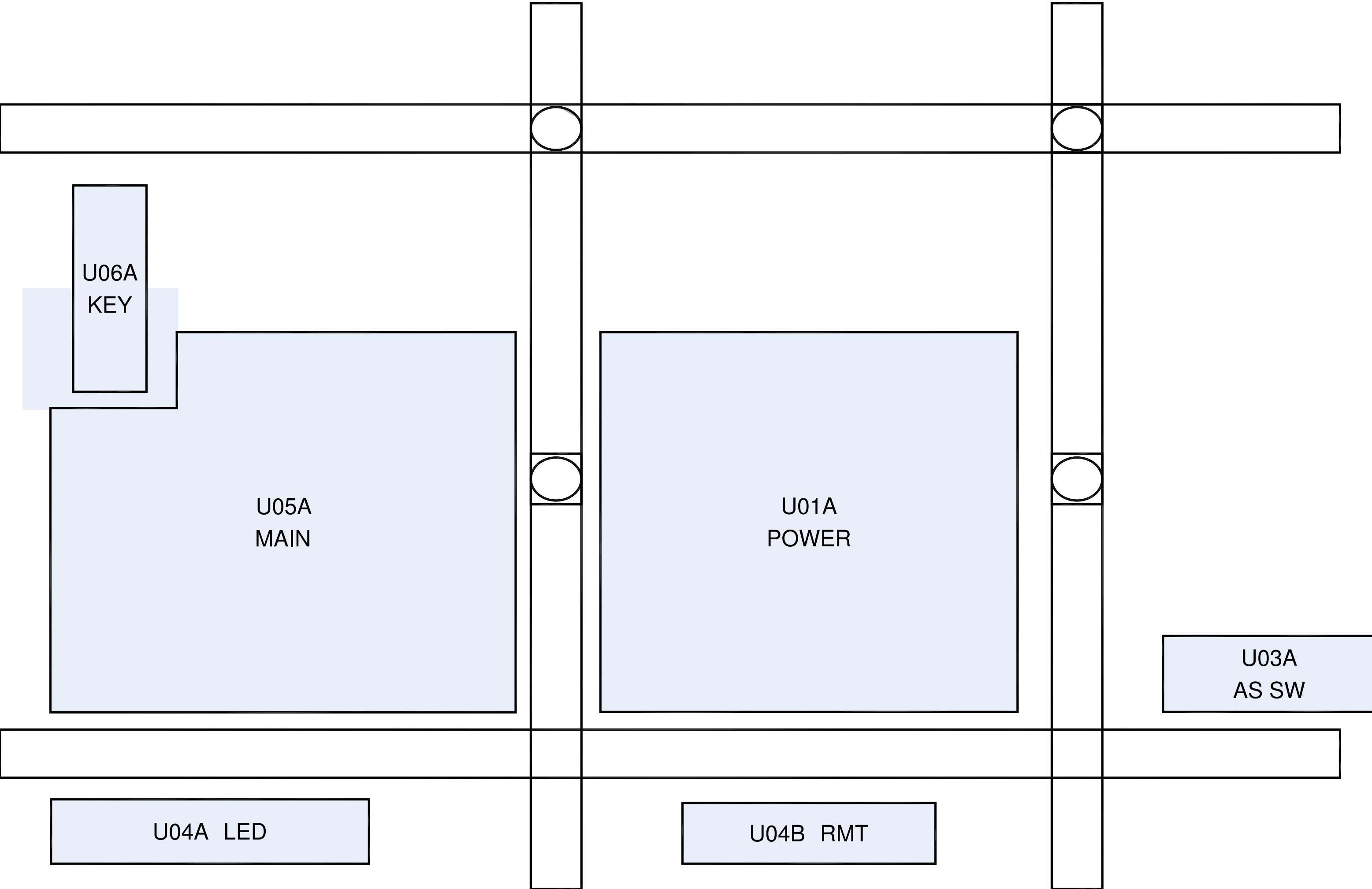


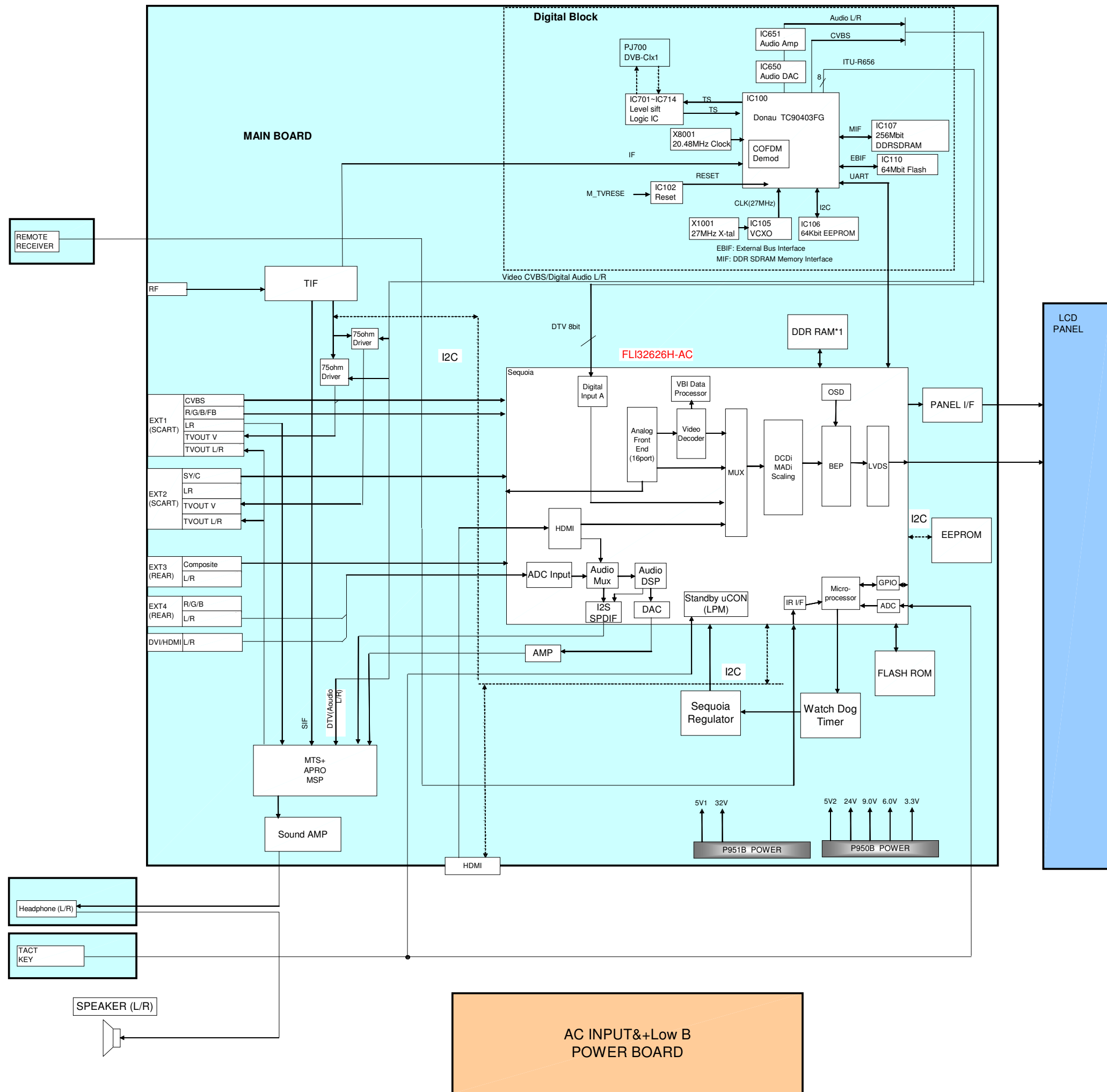
9. Do not disassemble the LCD module. Such actions could result in improper operation.



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.







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 : $\pm 10\%$

G : $\pm 2\%$

F : $\pm 1\%$

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.

 = Electrolytic capacitor

 = Mylar capacitor

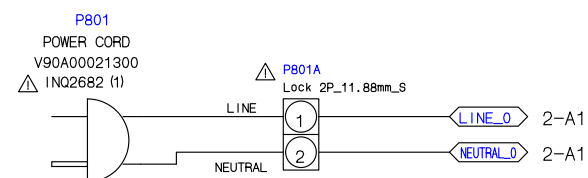
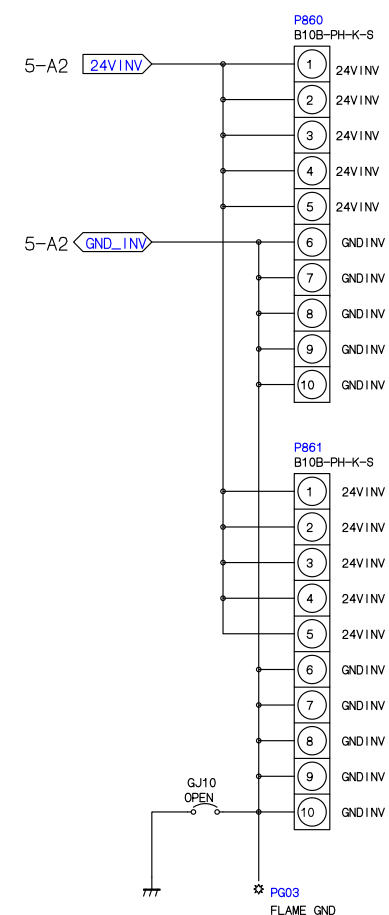
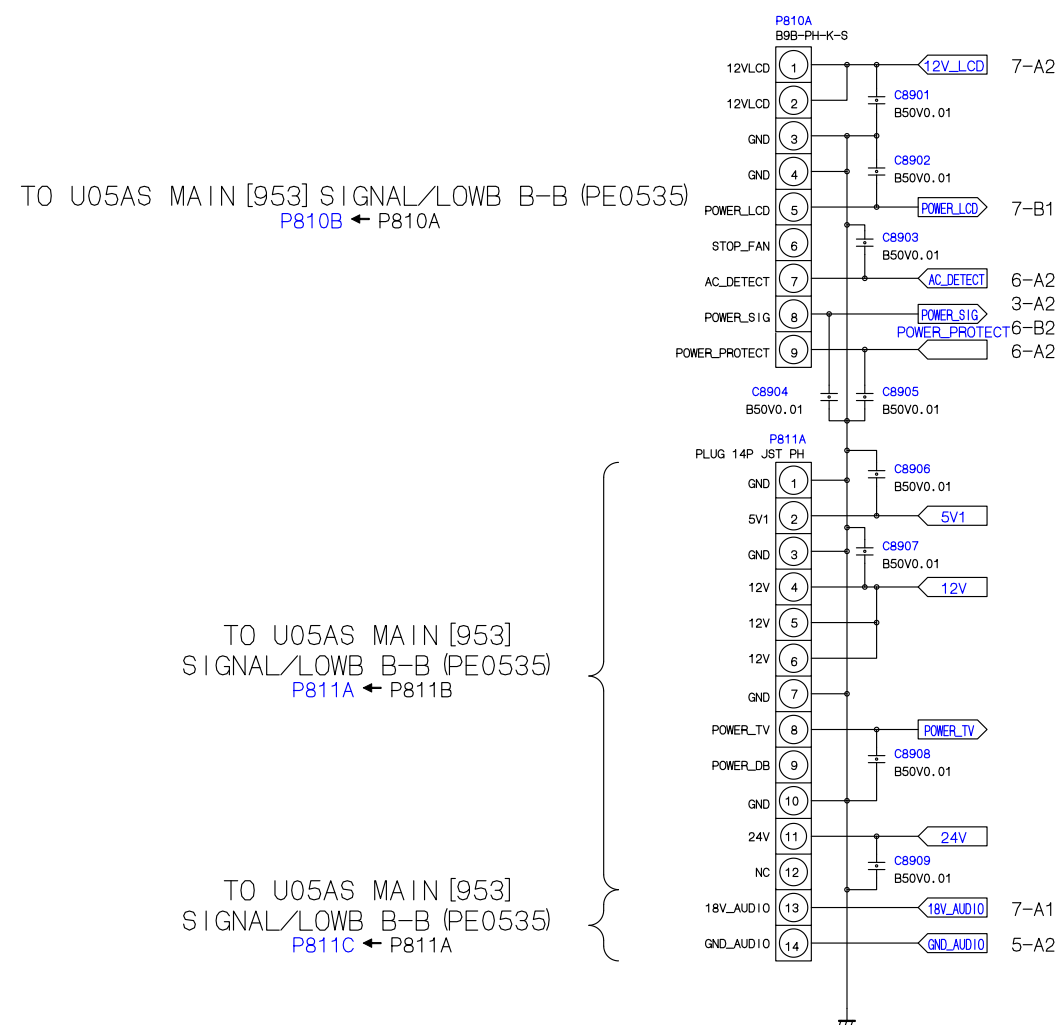
- The parts indicated with "⚠" have special characteristics, and should be replaced with identical parts only.
- Voltages read with DIGITAL MULTI-METER from point indicated to chassis ground, using a color bar signal with all controls at normal, line voltage at nominal AC volts.
- Waveforms are taken receiving color bar signal with enough sensitivity.
- Voltage reading shown are nominal values and may vary $\pm 20\%$ except H.V.

A

A

B

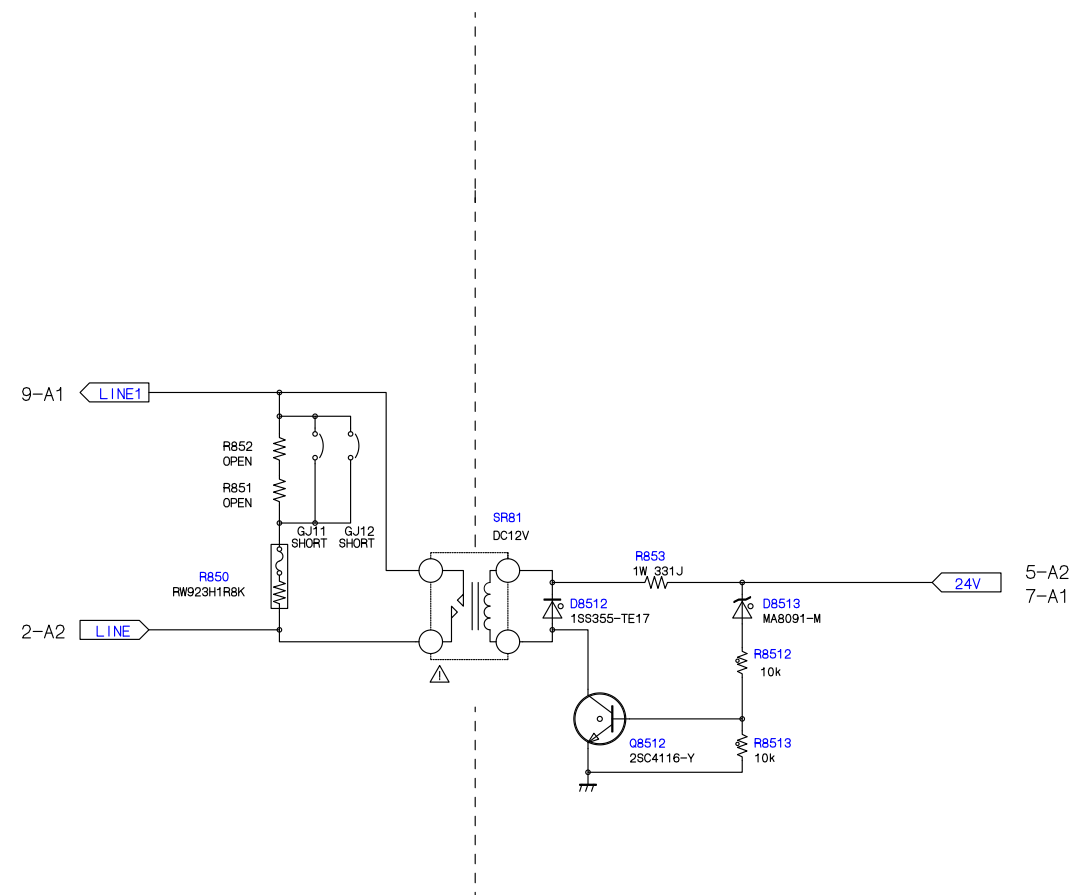
B



U01A POWER [1] CONNECTOR (PE0546)

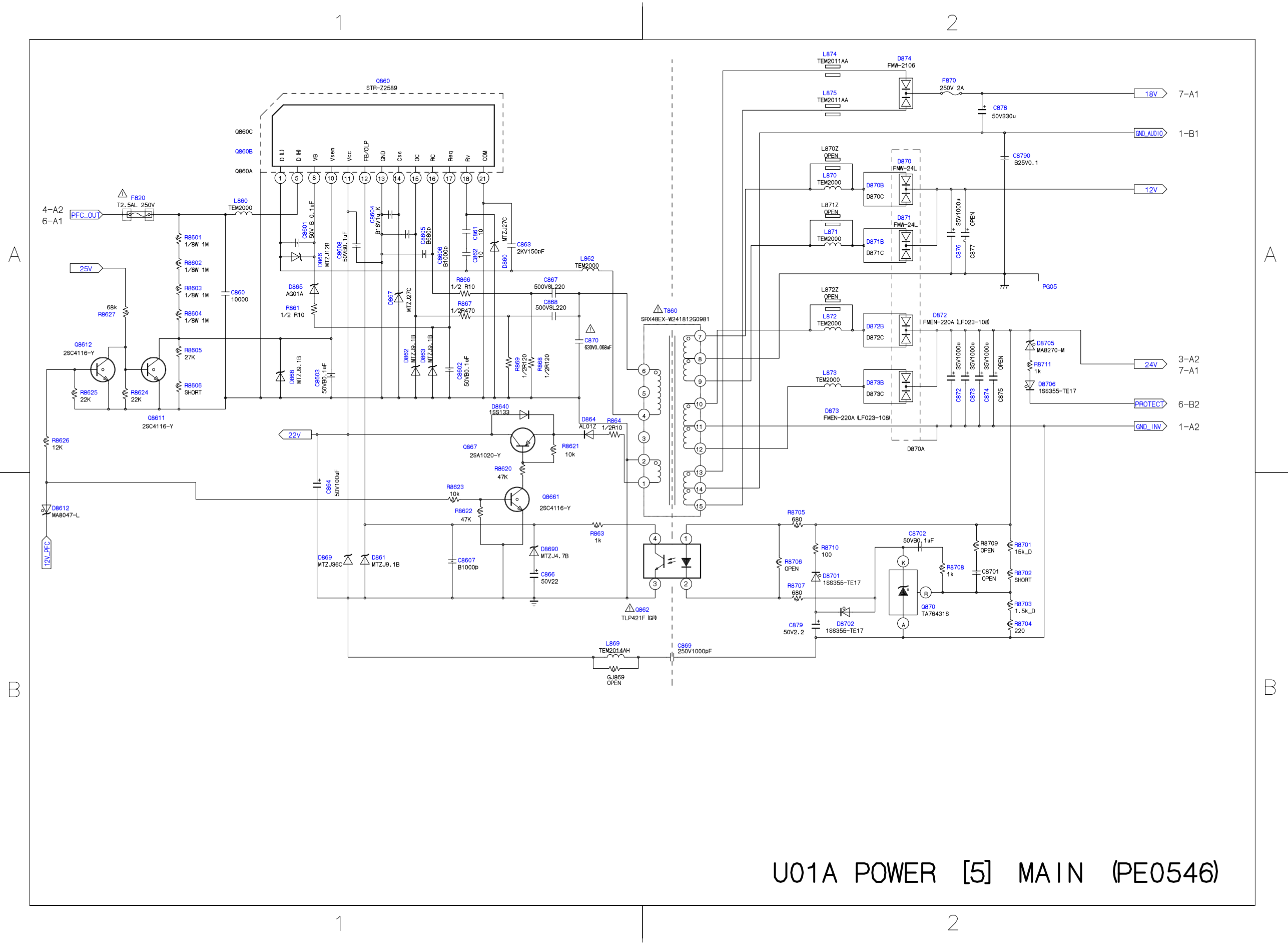


U01A POWER [2] AC INPUT (PE0546)

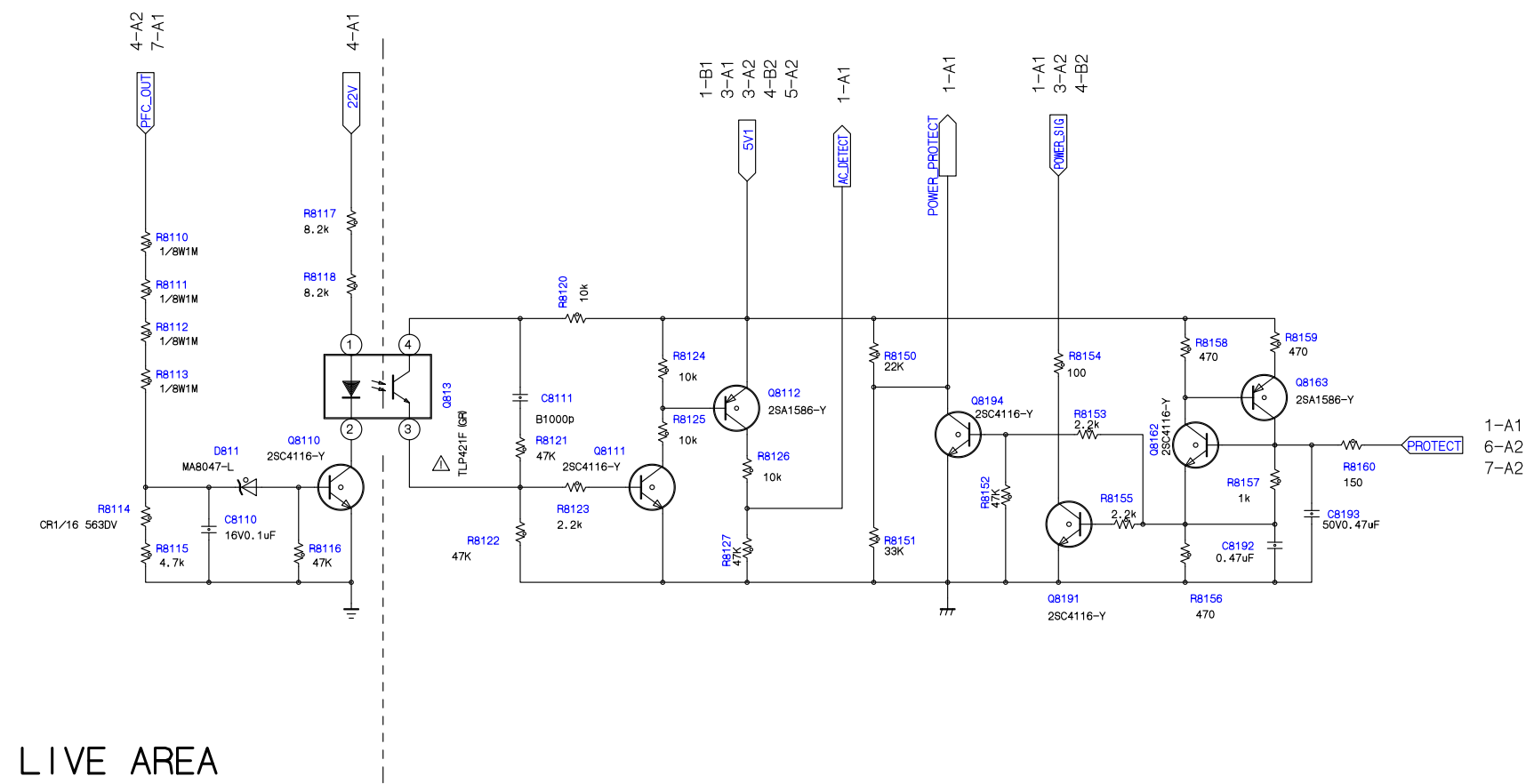


U01A POWER [3] RELAY (PE0546)





U01A POWER [5] MAIN (PE0546)

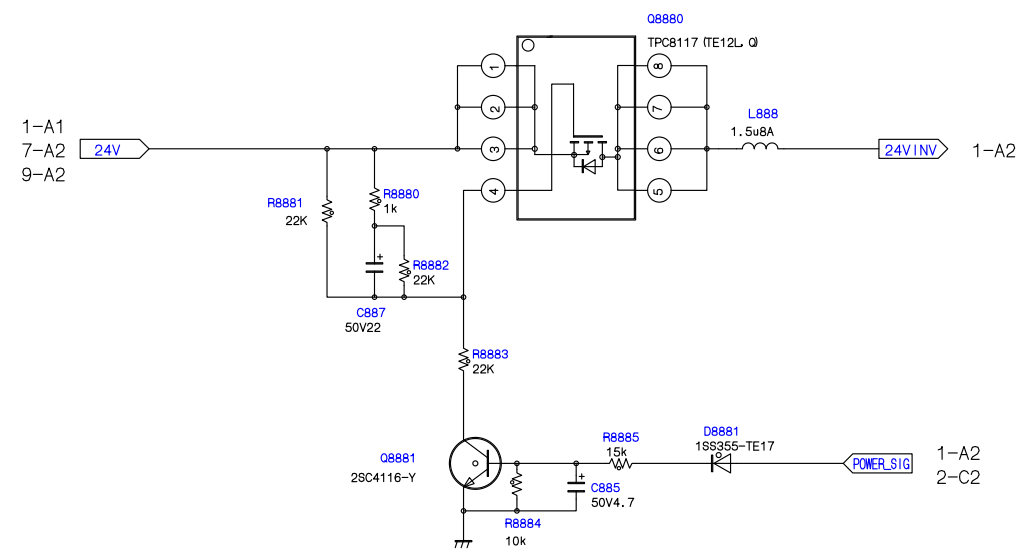
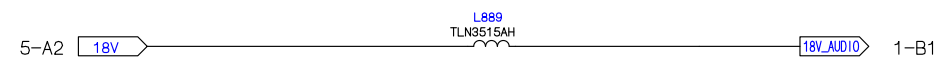
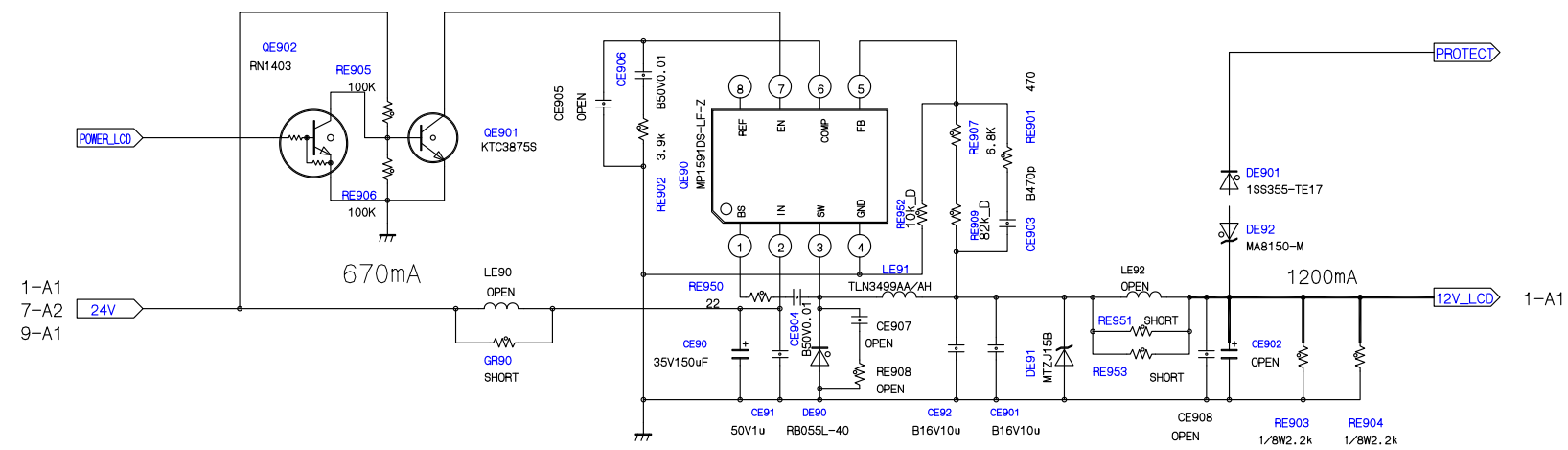


U01A POWER [6] AC_DET/PROTECT (PE0546)

1

2

B



U01A POWER [7] SW & T-con Reg. (PE0546)



1

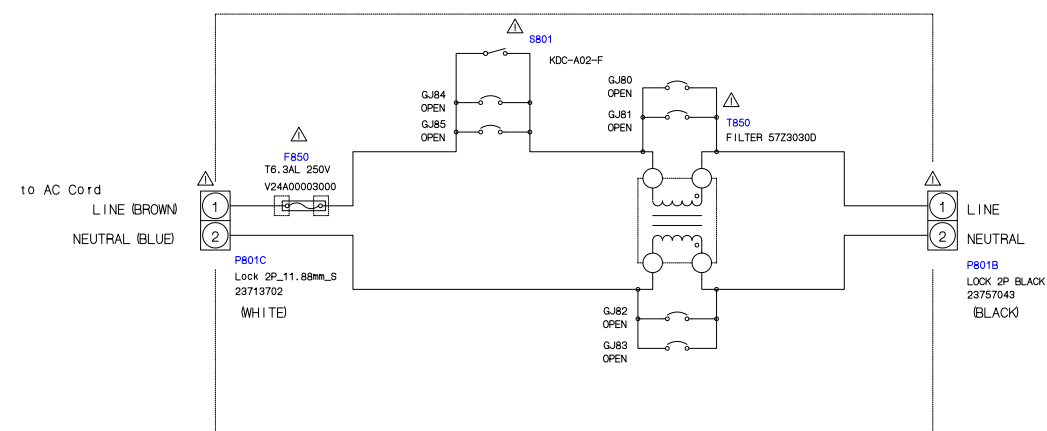
2

A

A

B

B

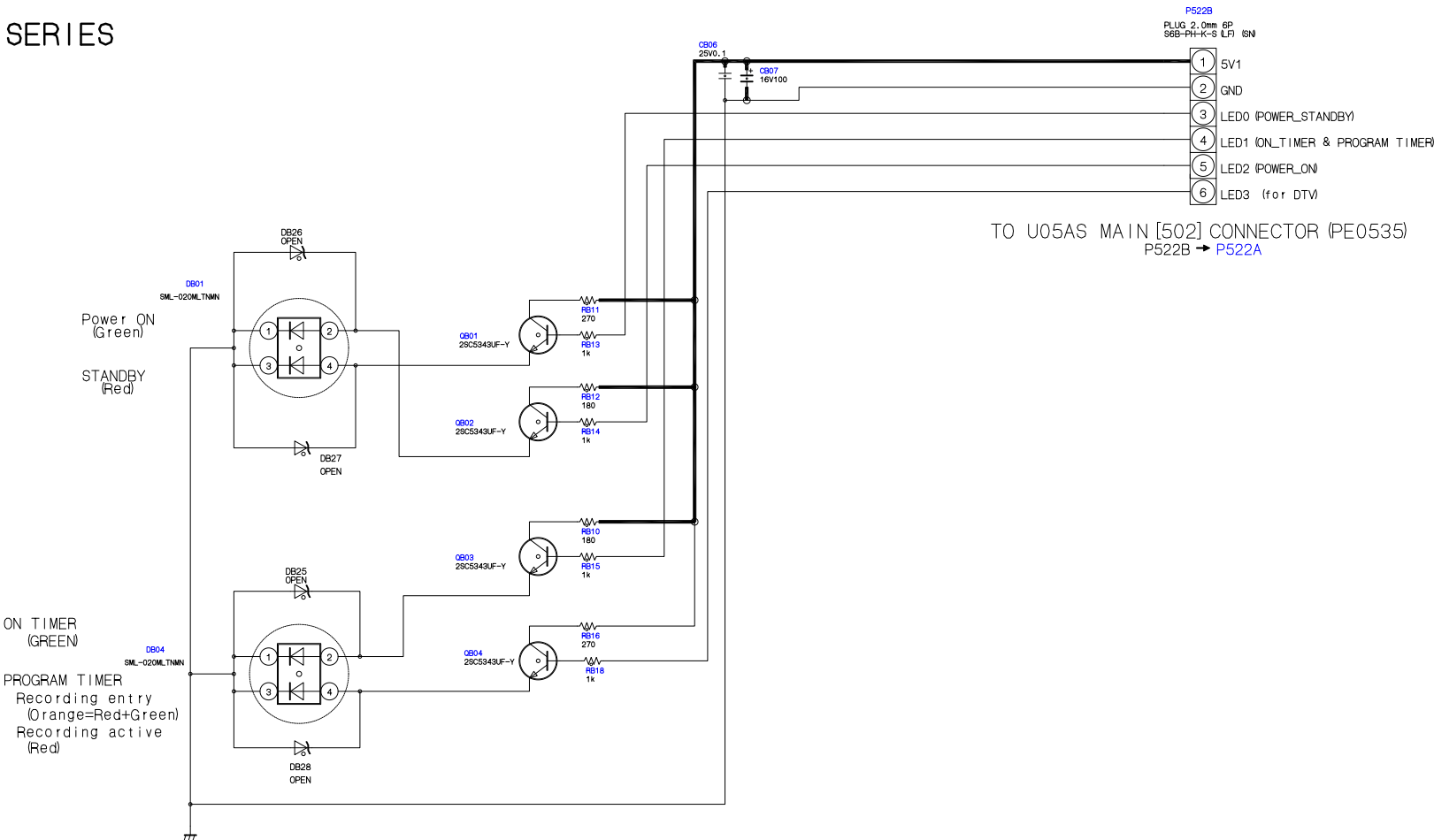


U03A AC-SW [1] SW CV_RV_XV (PE0533)

1

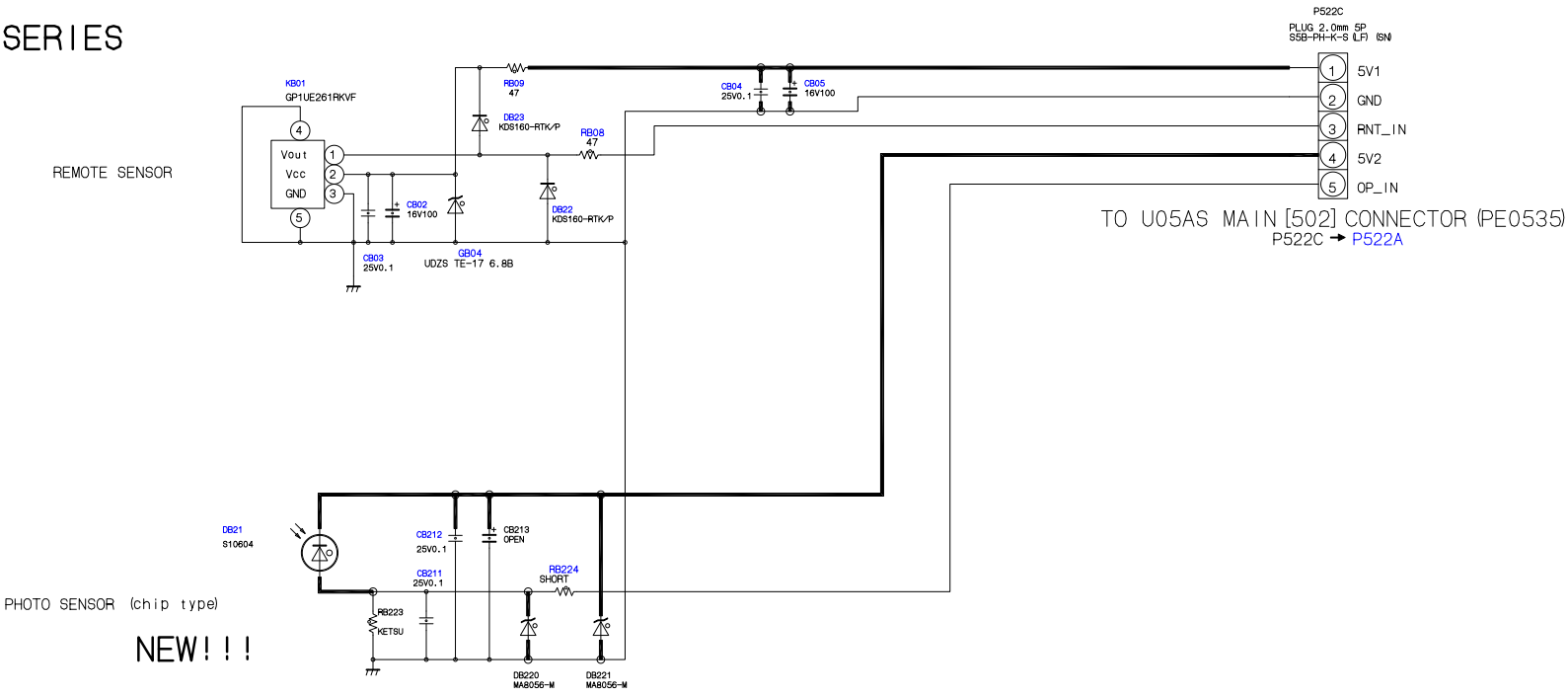
2

for CV/RV/XV505D SERIES

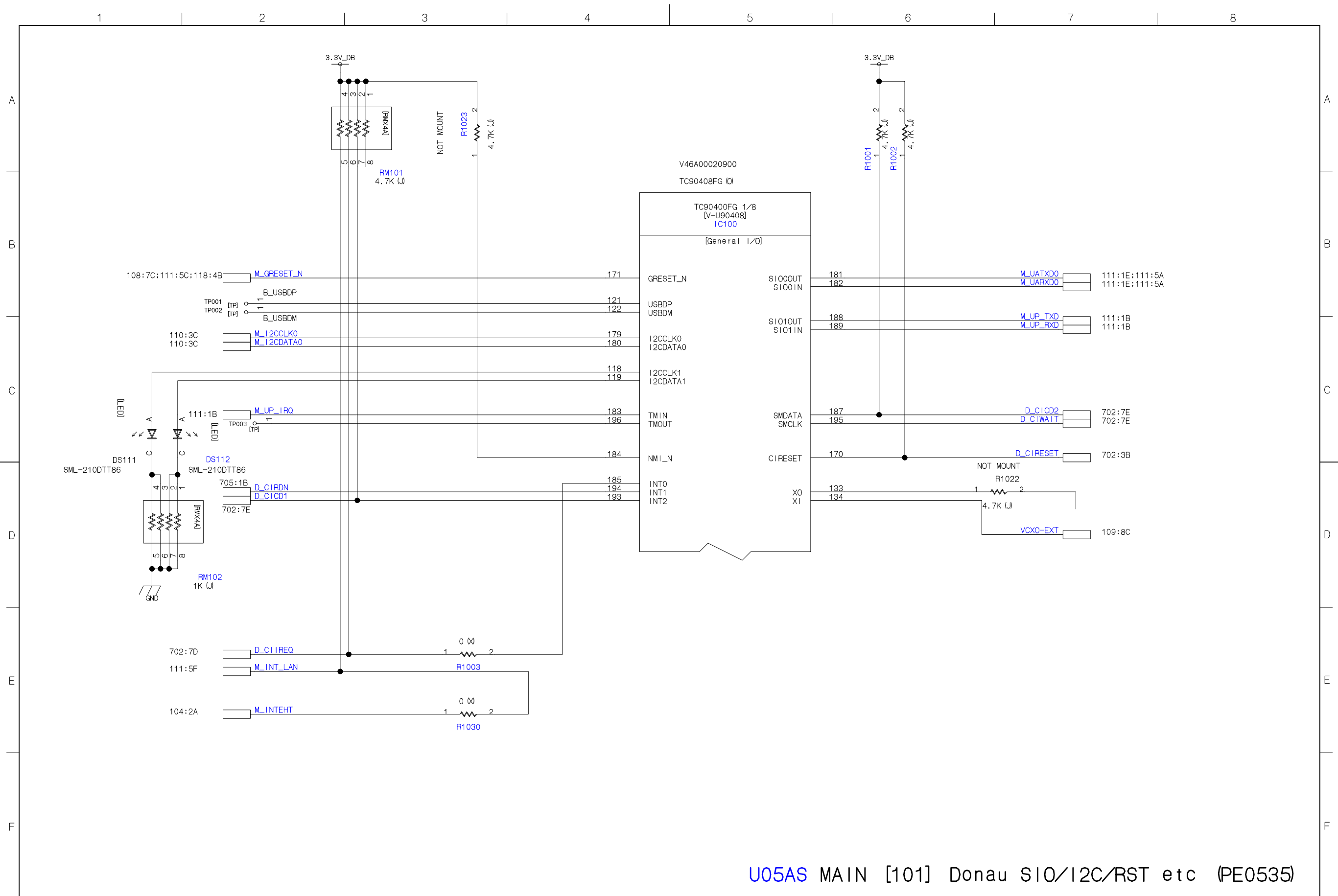


U04A LED [1] LED (PE0534)

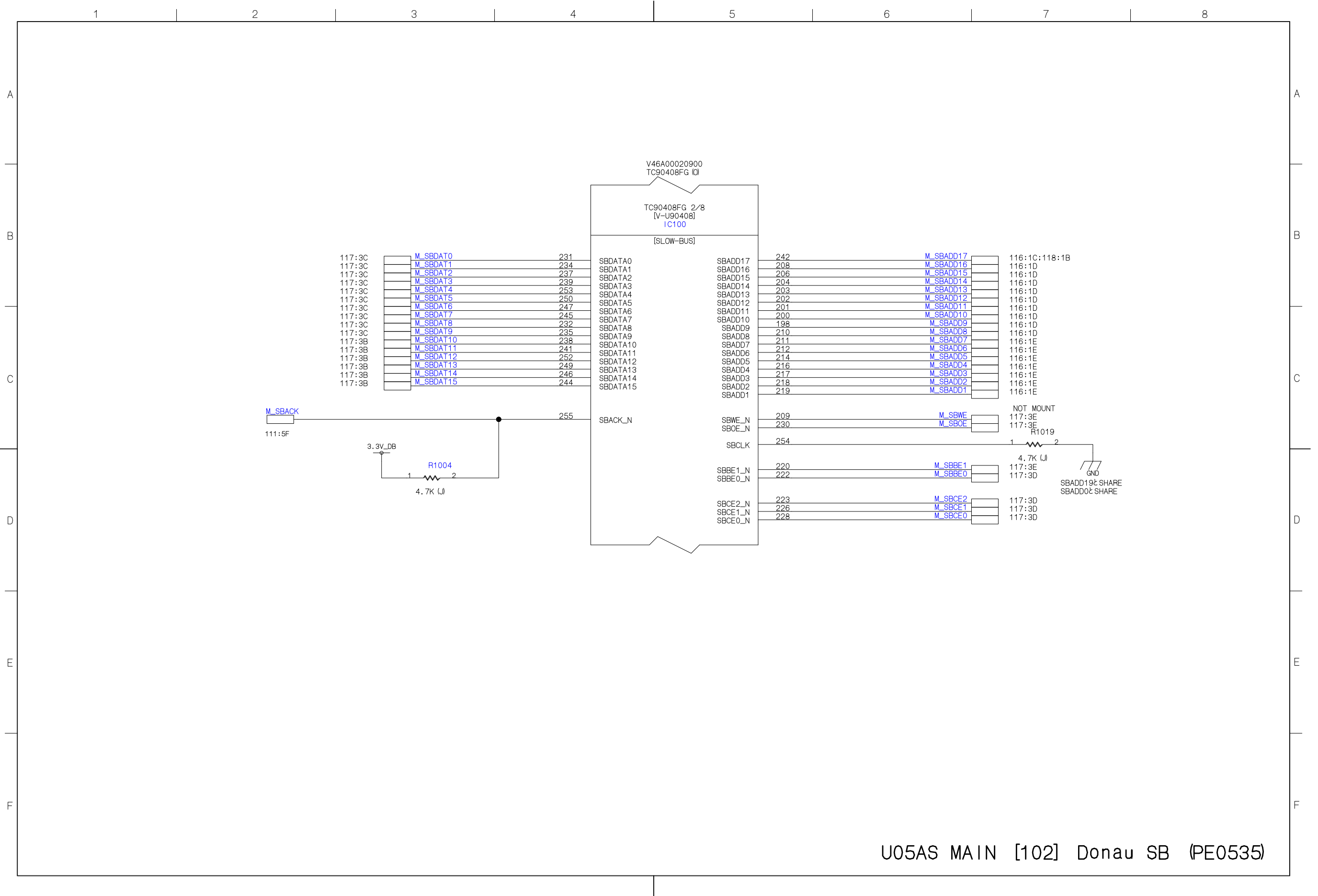
for CV/RV/XV505D SERIES

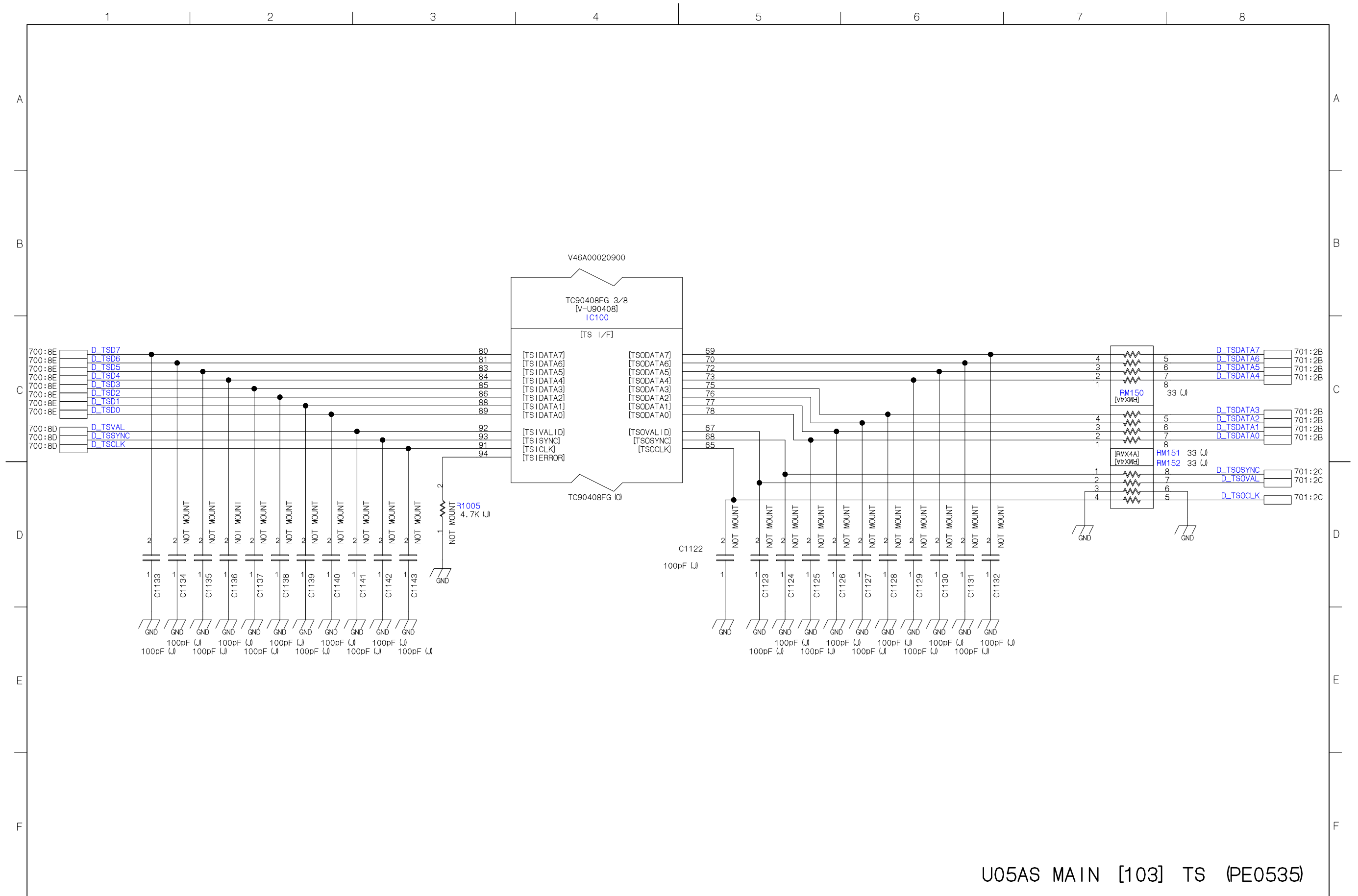


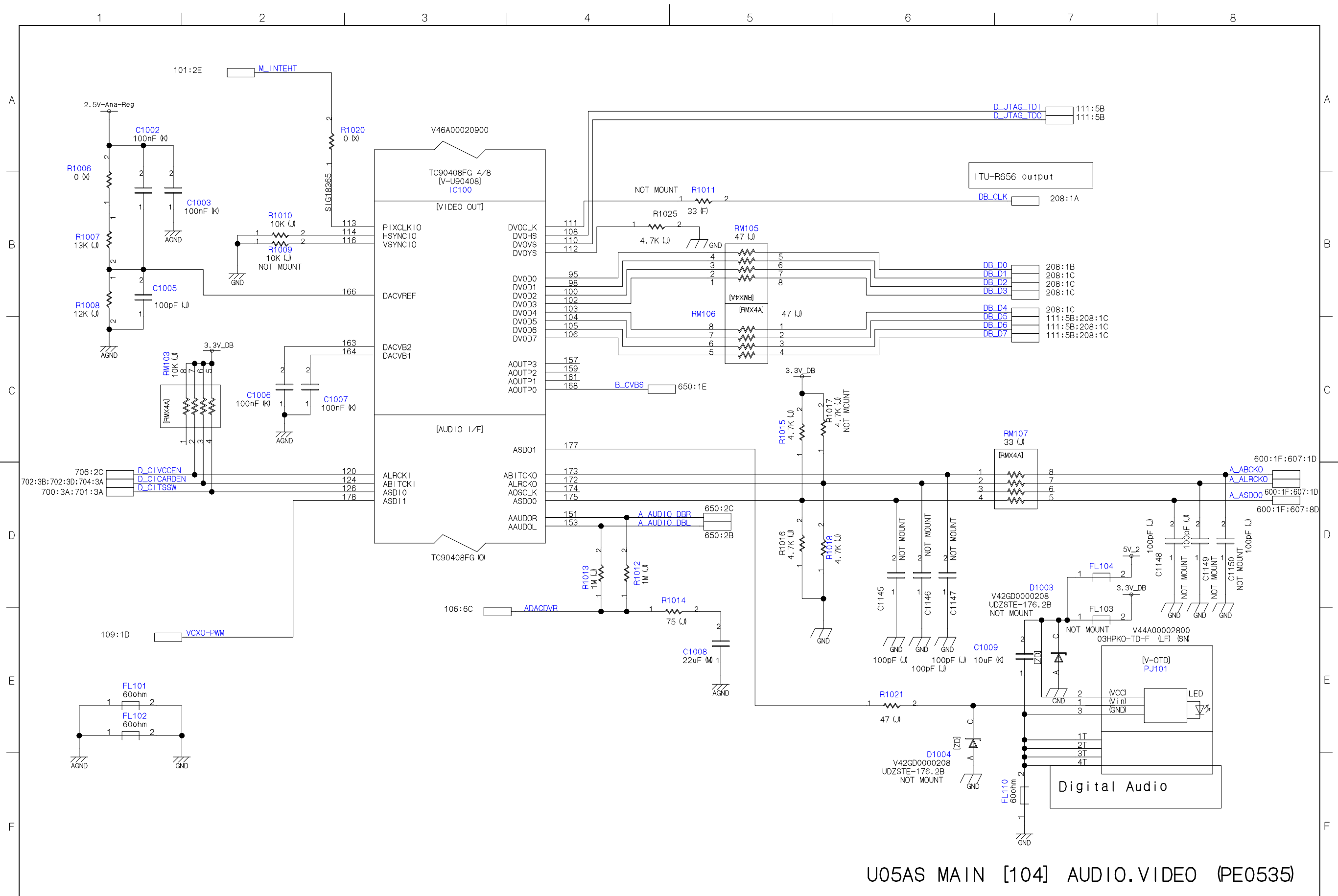
U04B RMT [2] RMT & AUTO IRIS (PE0534)

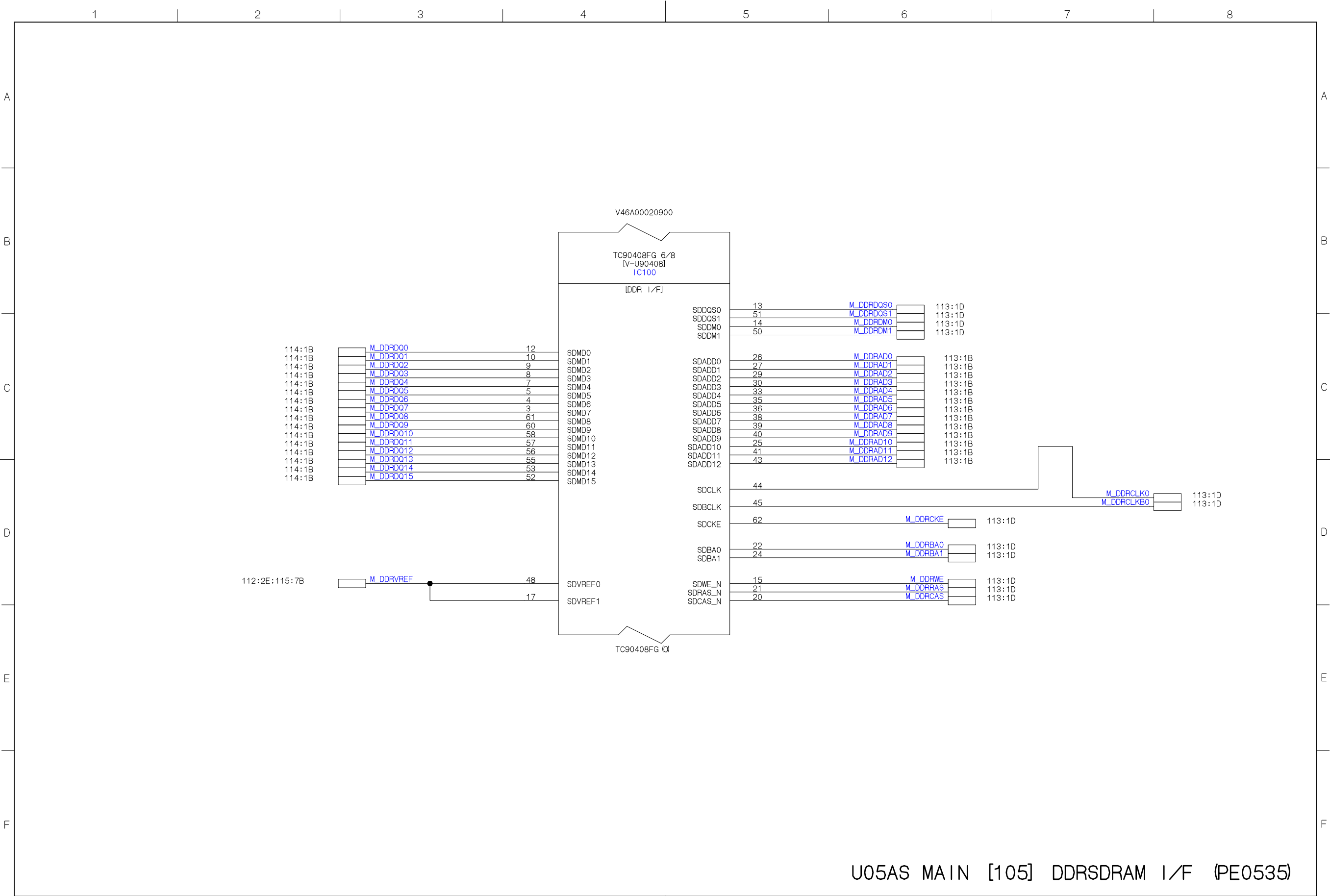


U05AS MAIN [101] Donau SIO/I2C/RST etc (PE0535)









1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

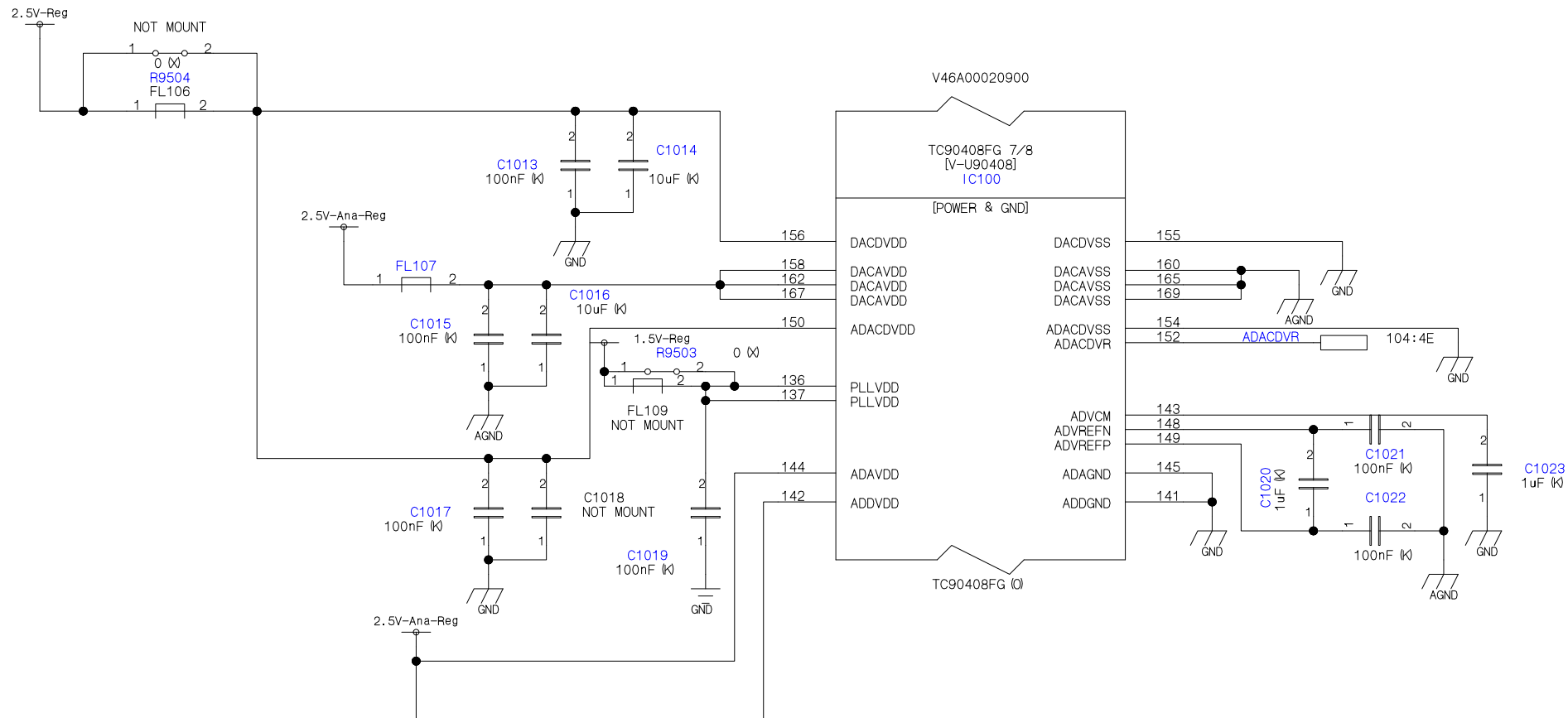
B

C

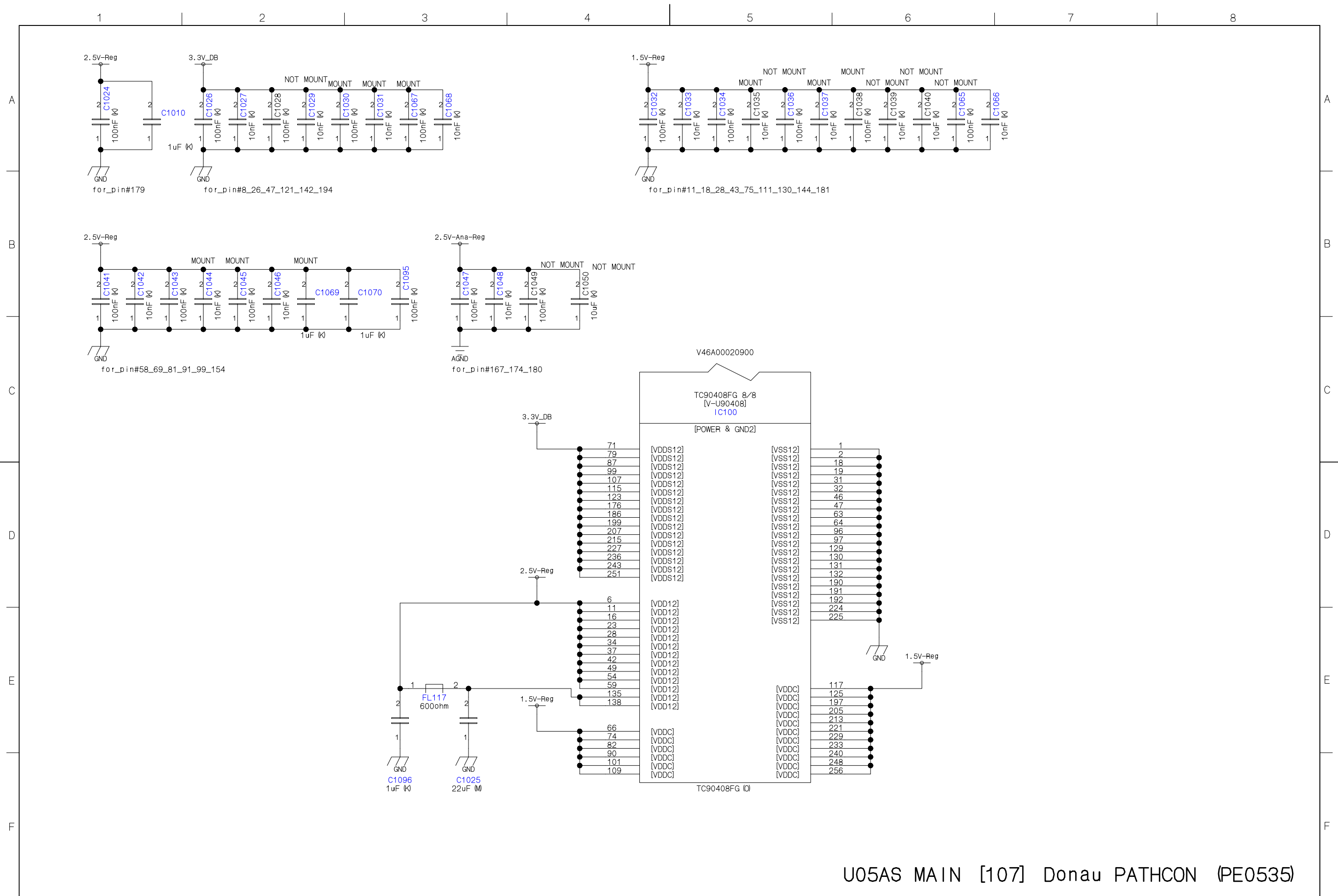
D

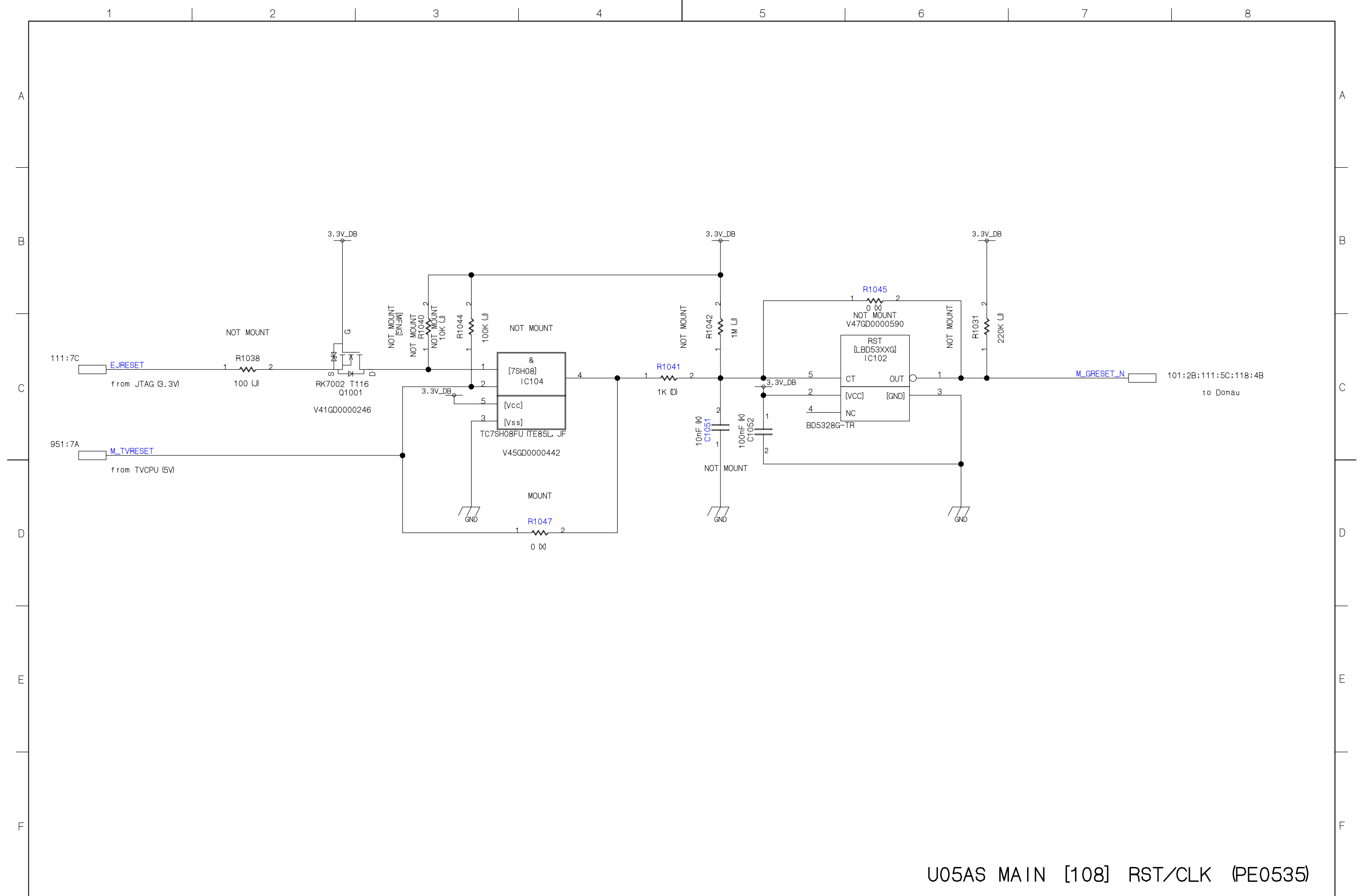
E

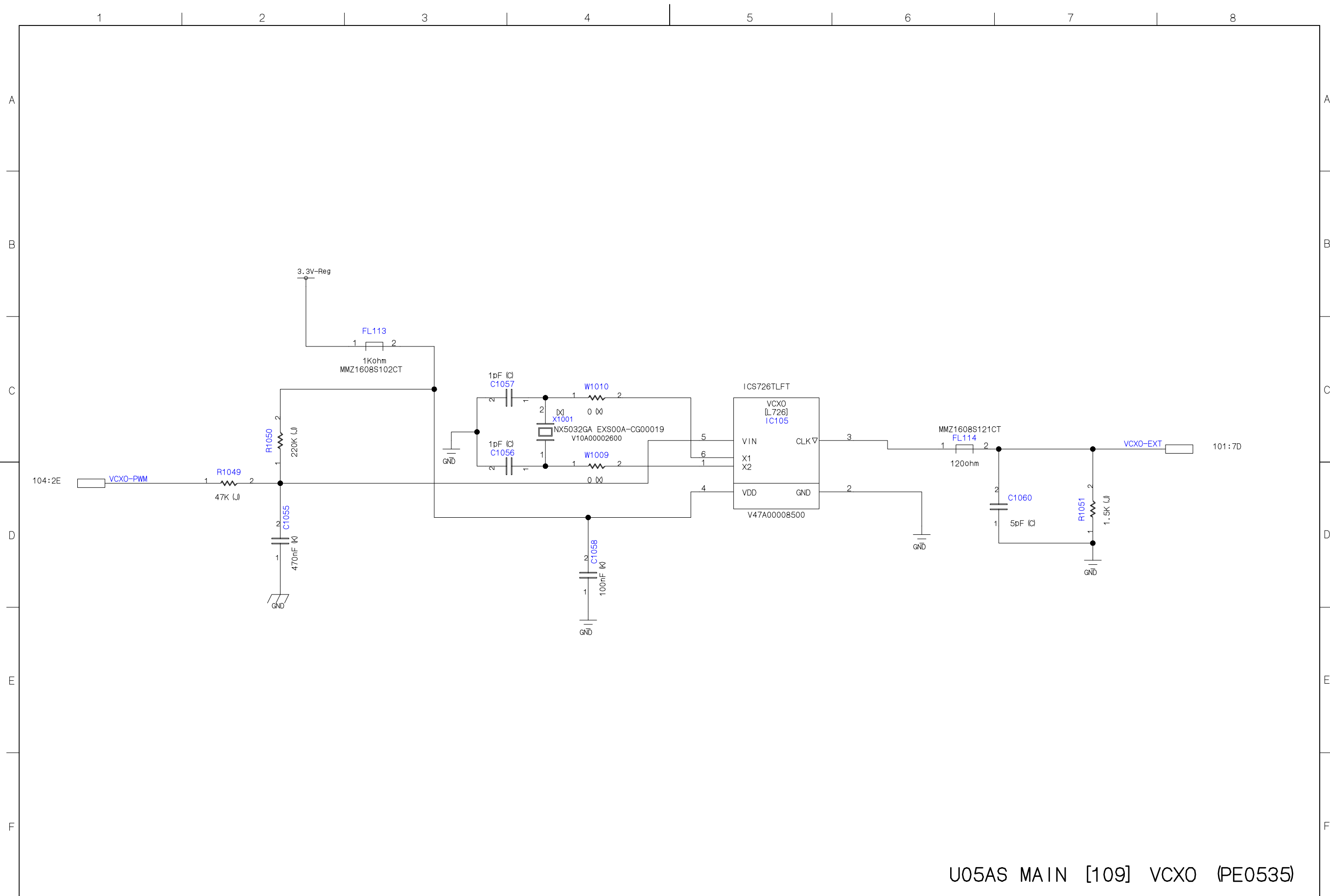
F

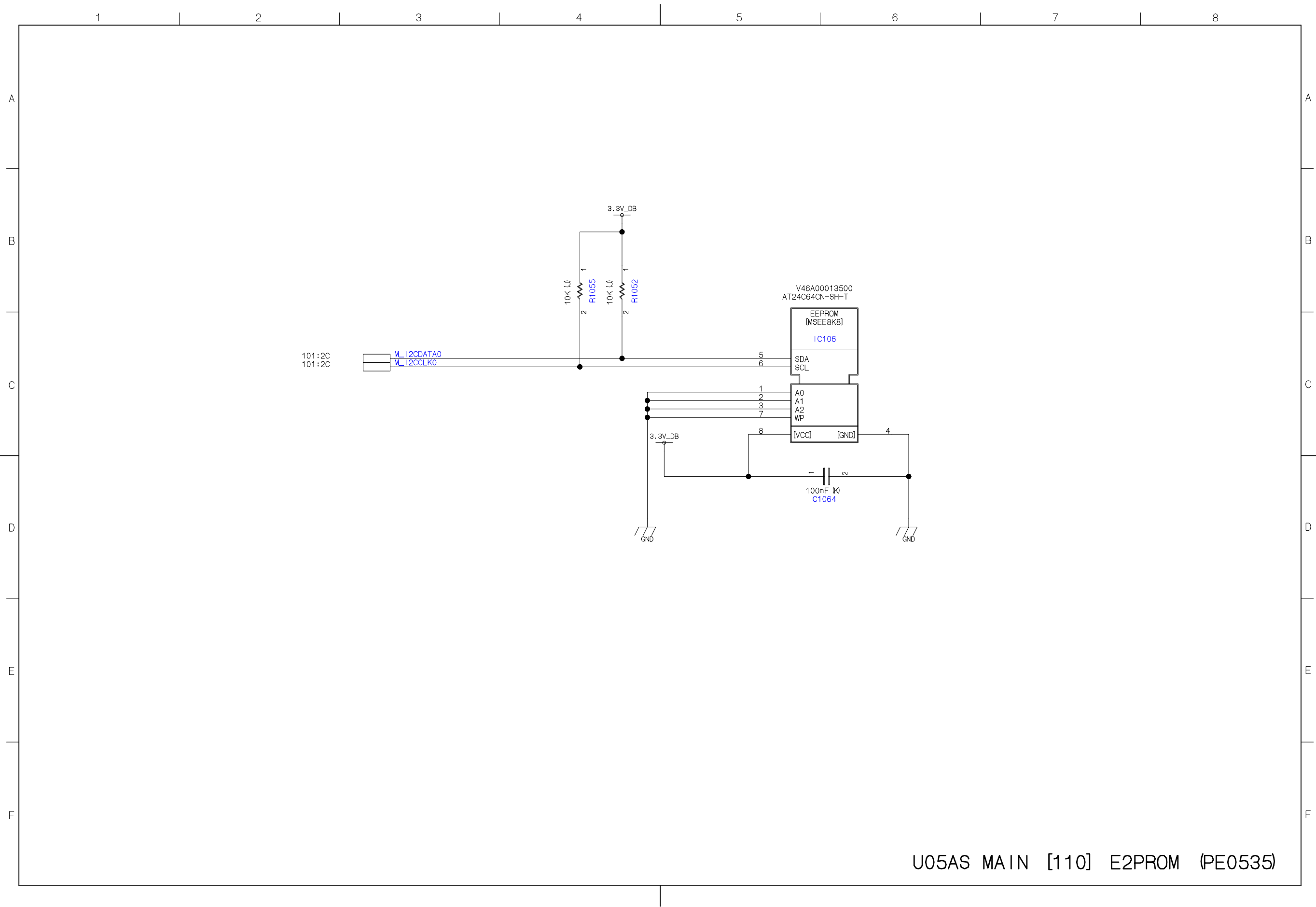


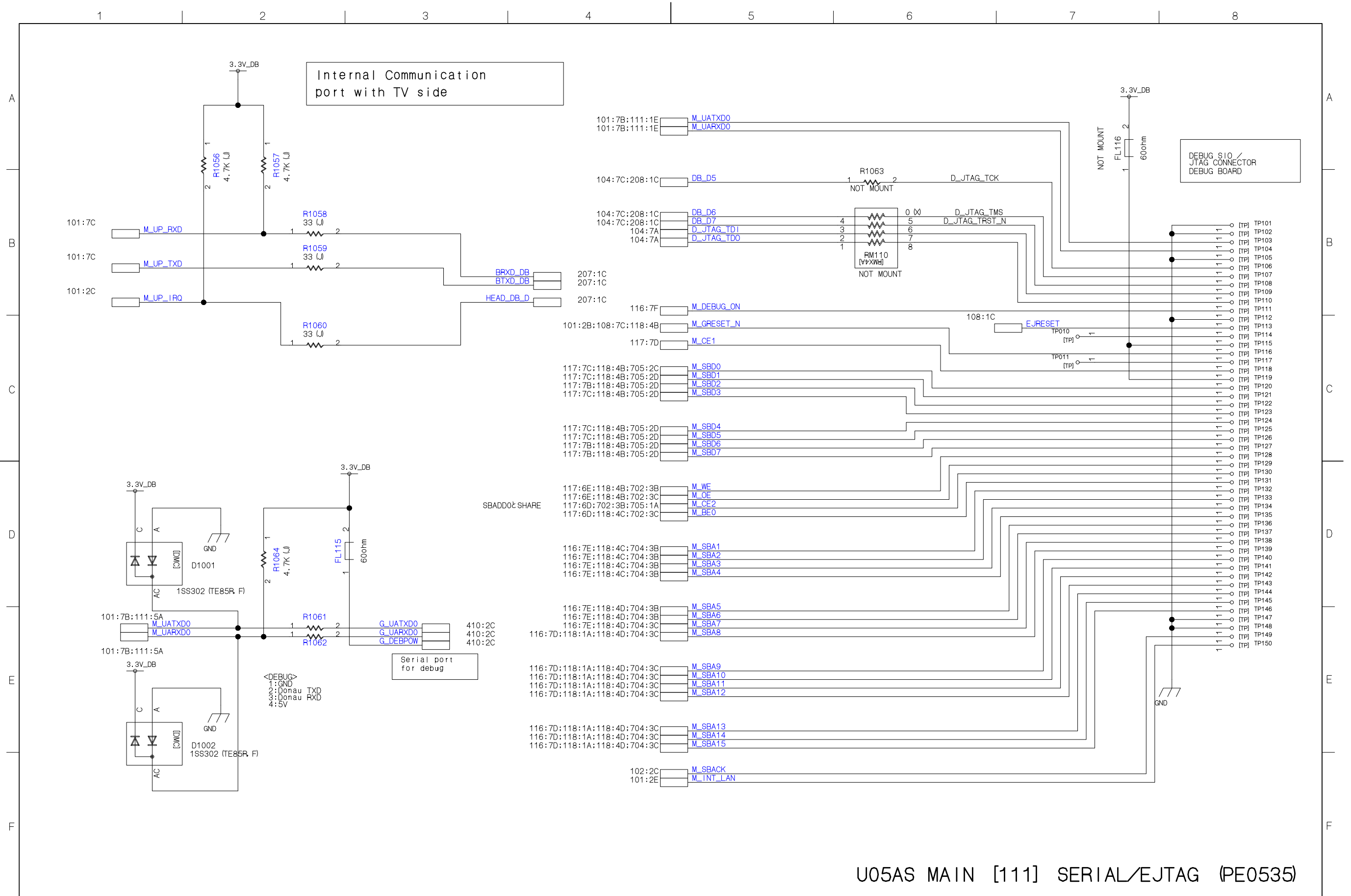
U05AS MAIN [106] Donau POWER1 (PE0535)

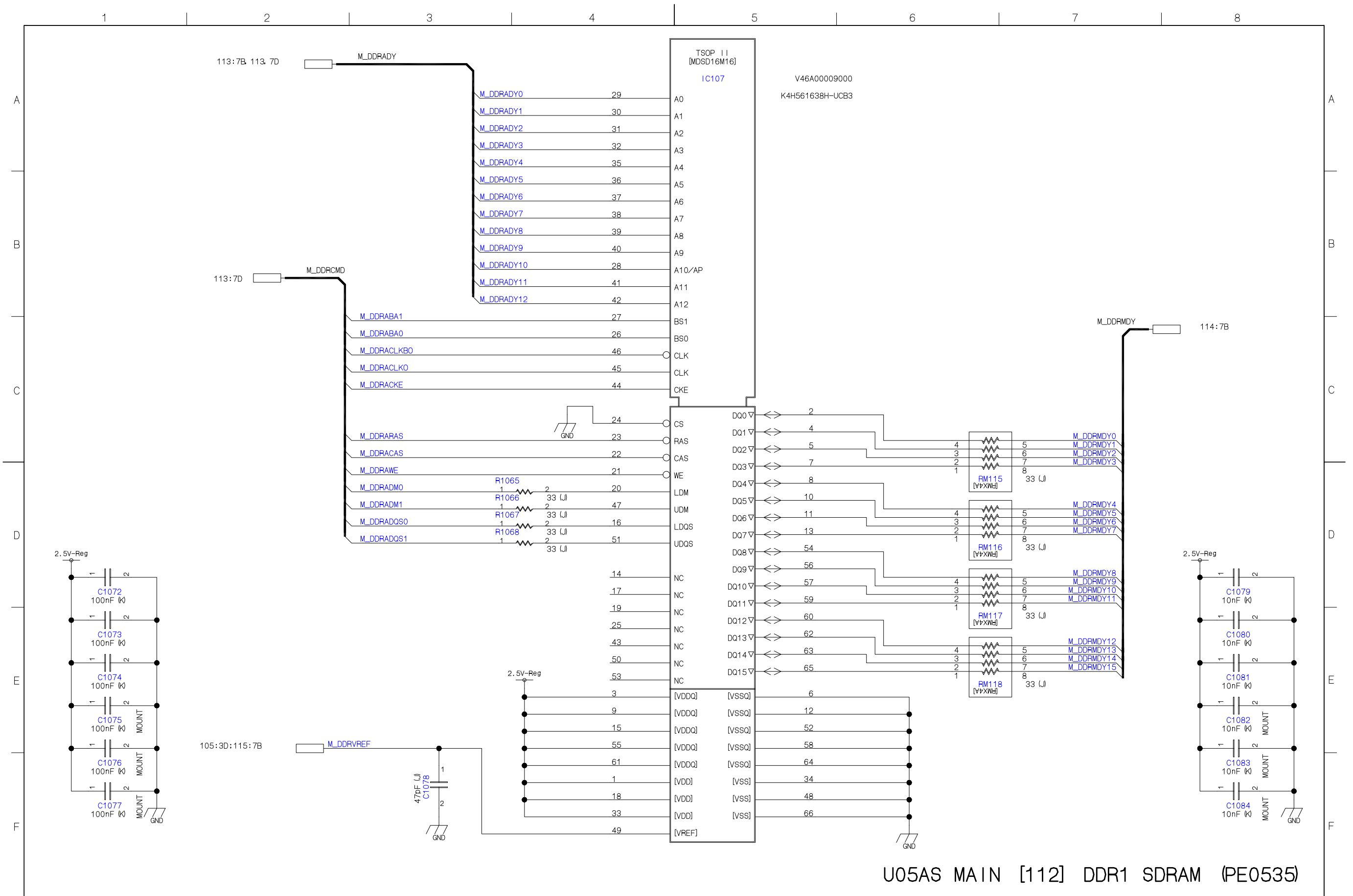


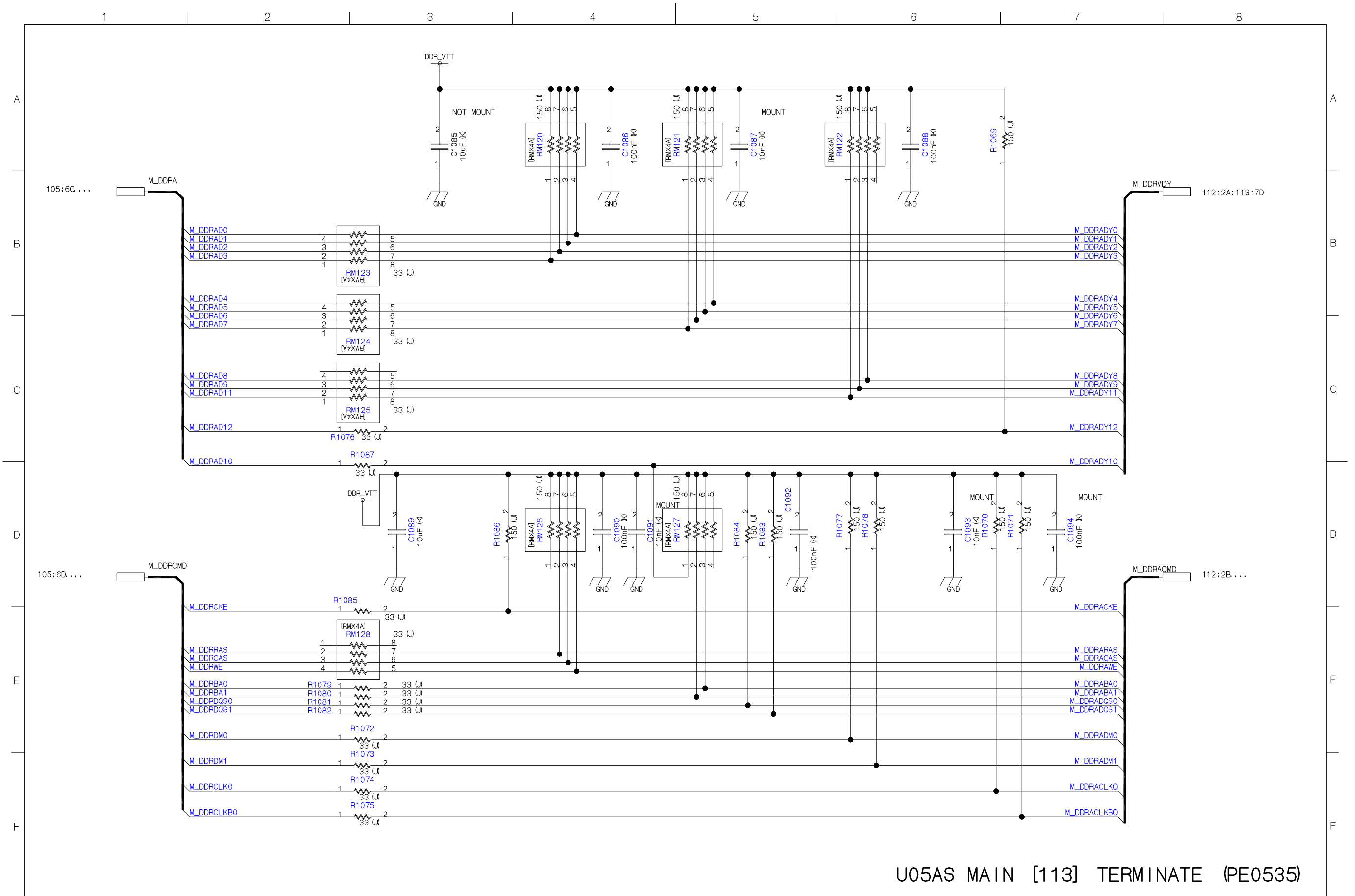


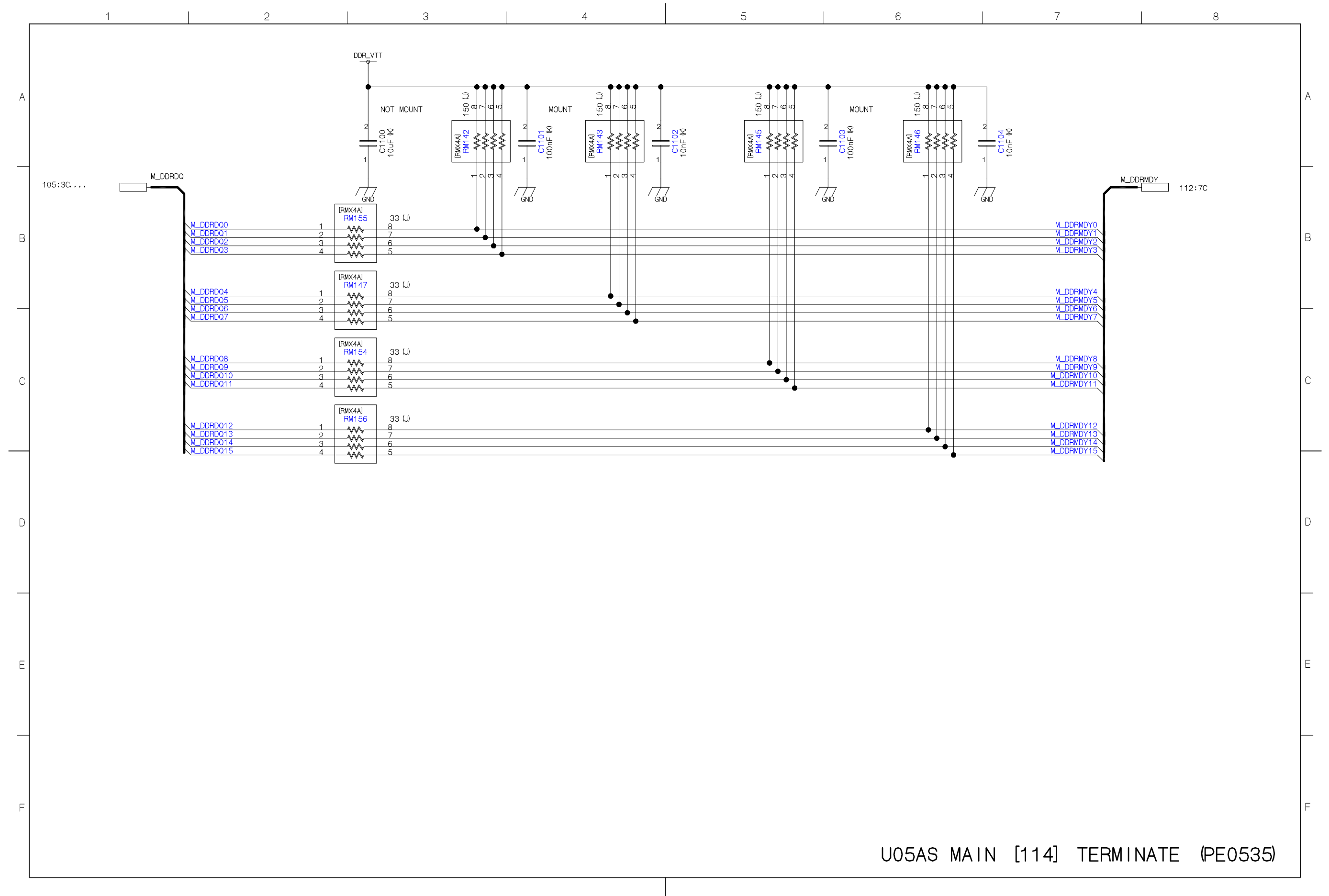


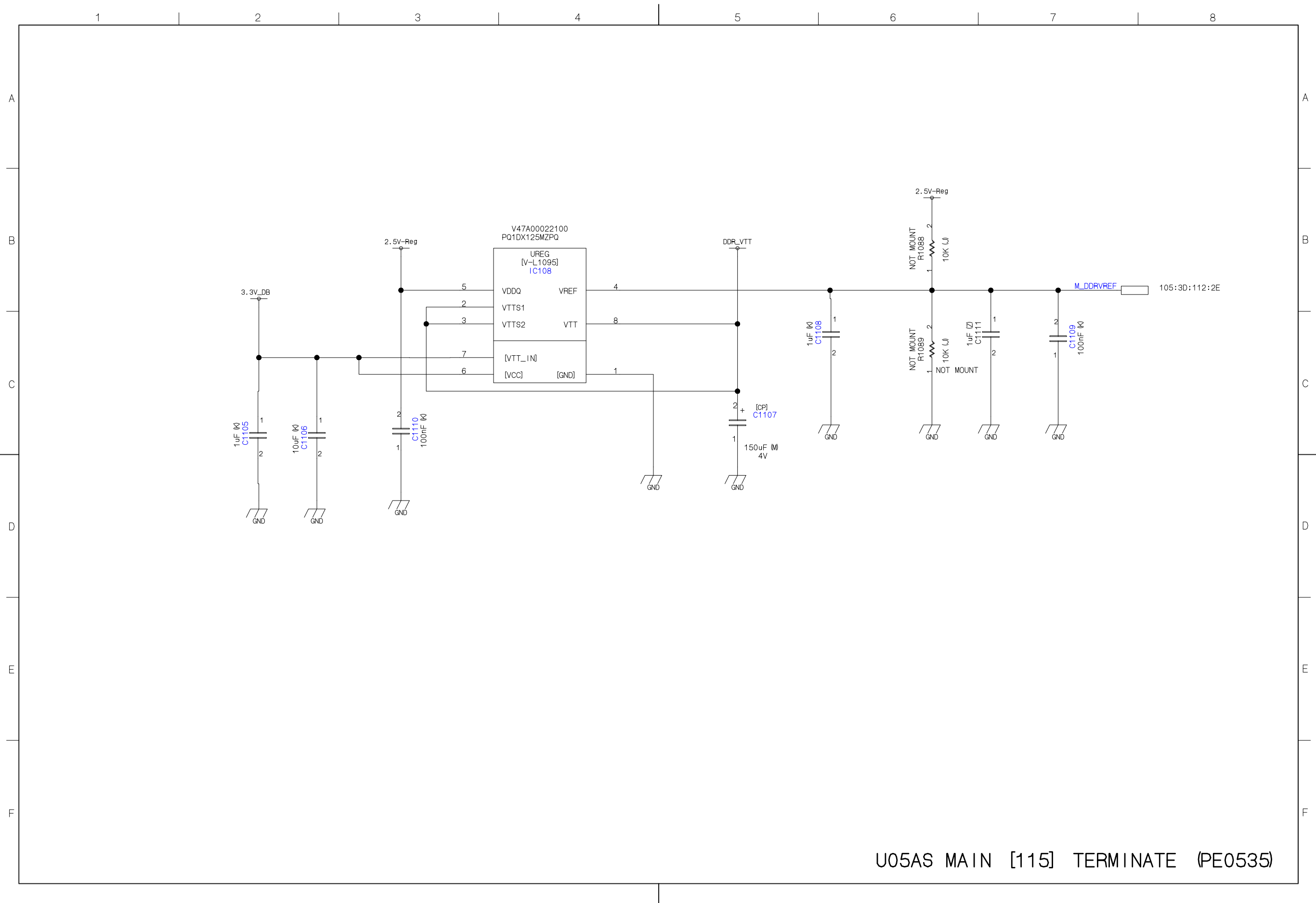




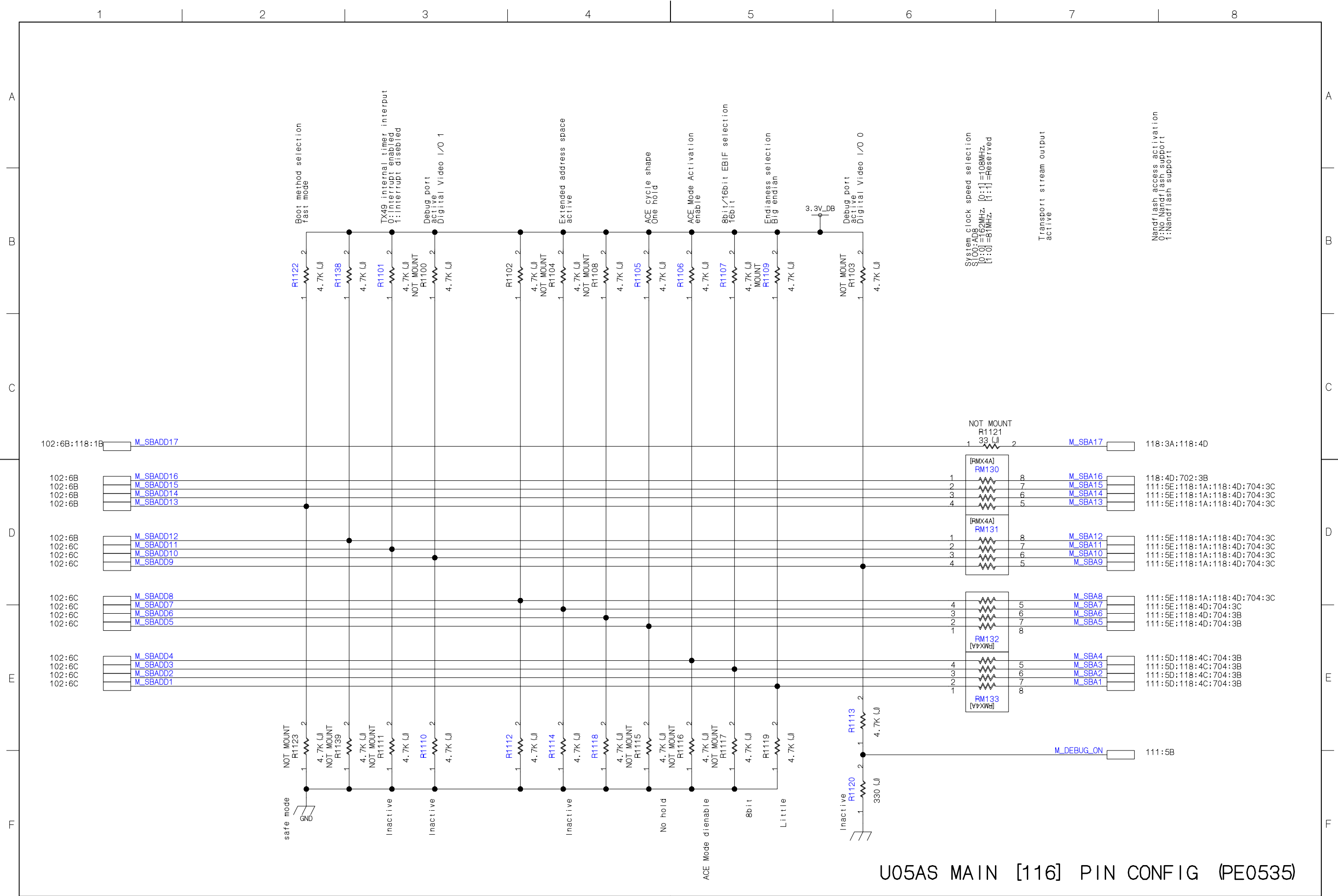


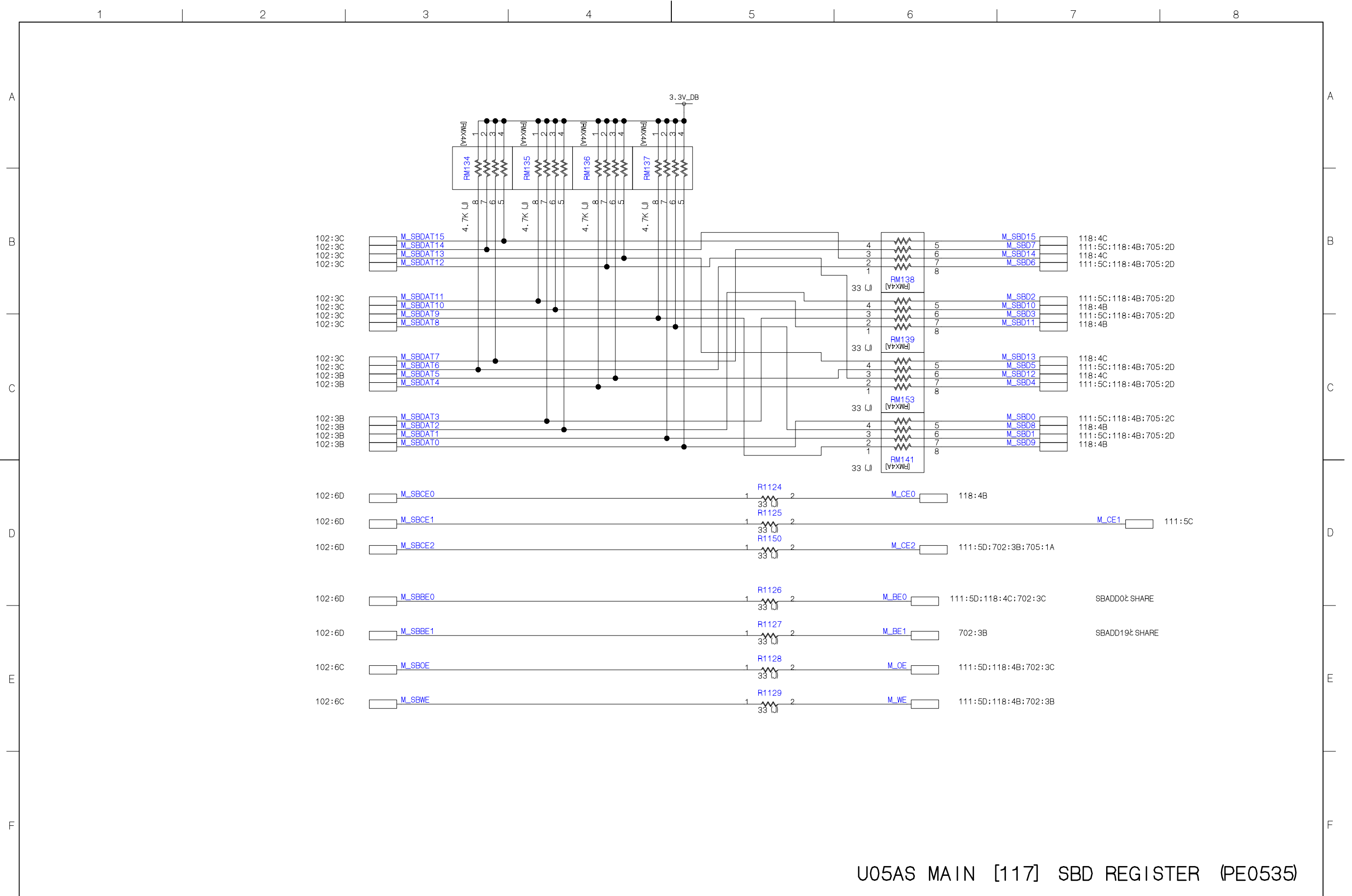




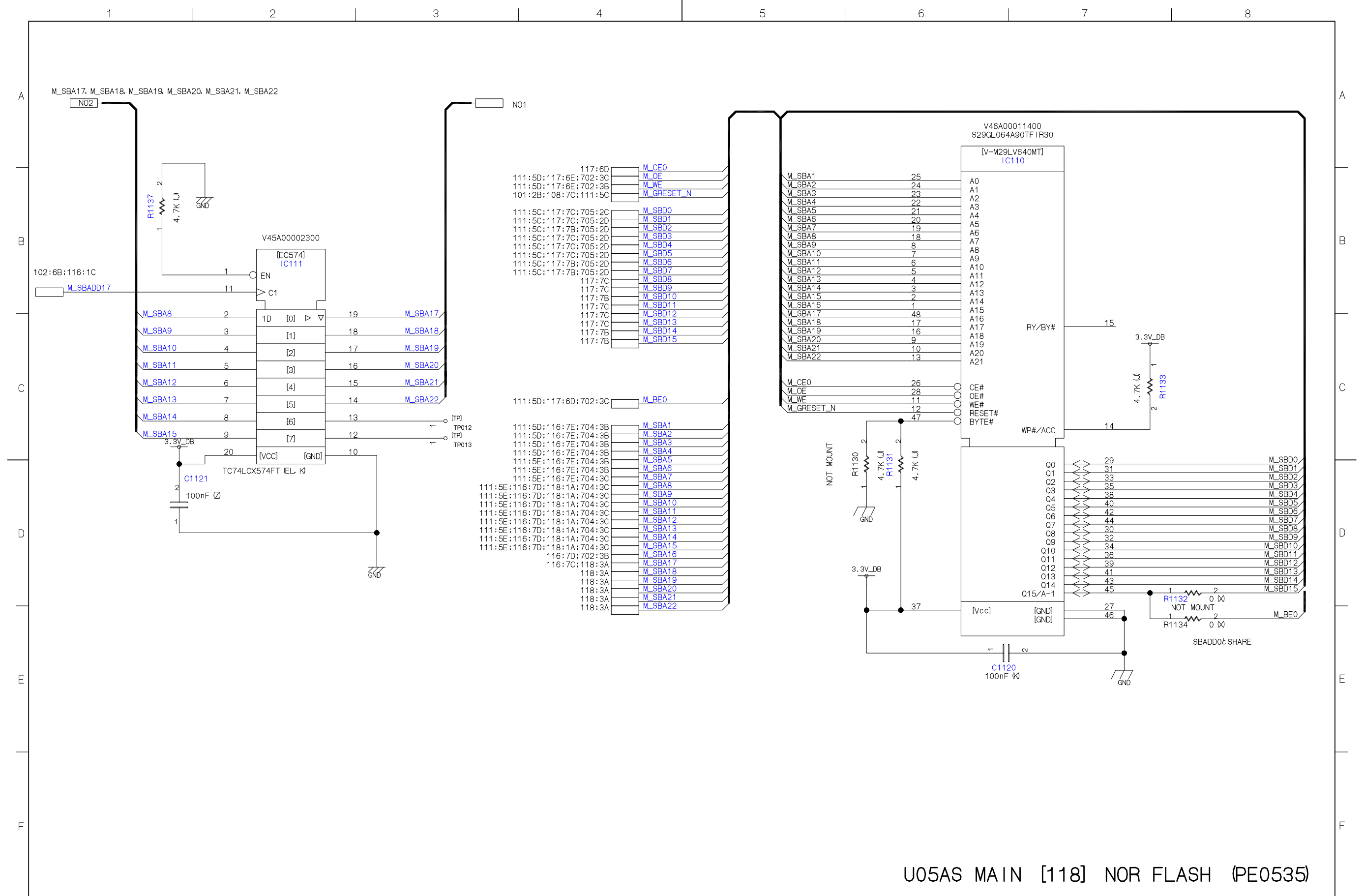


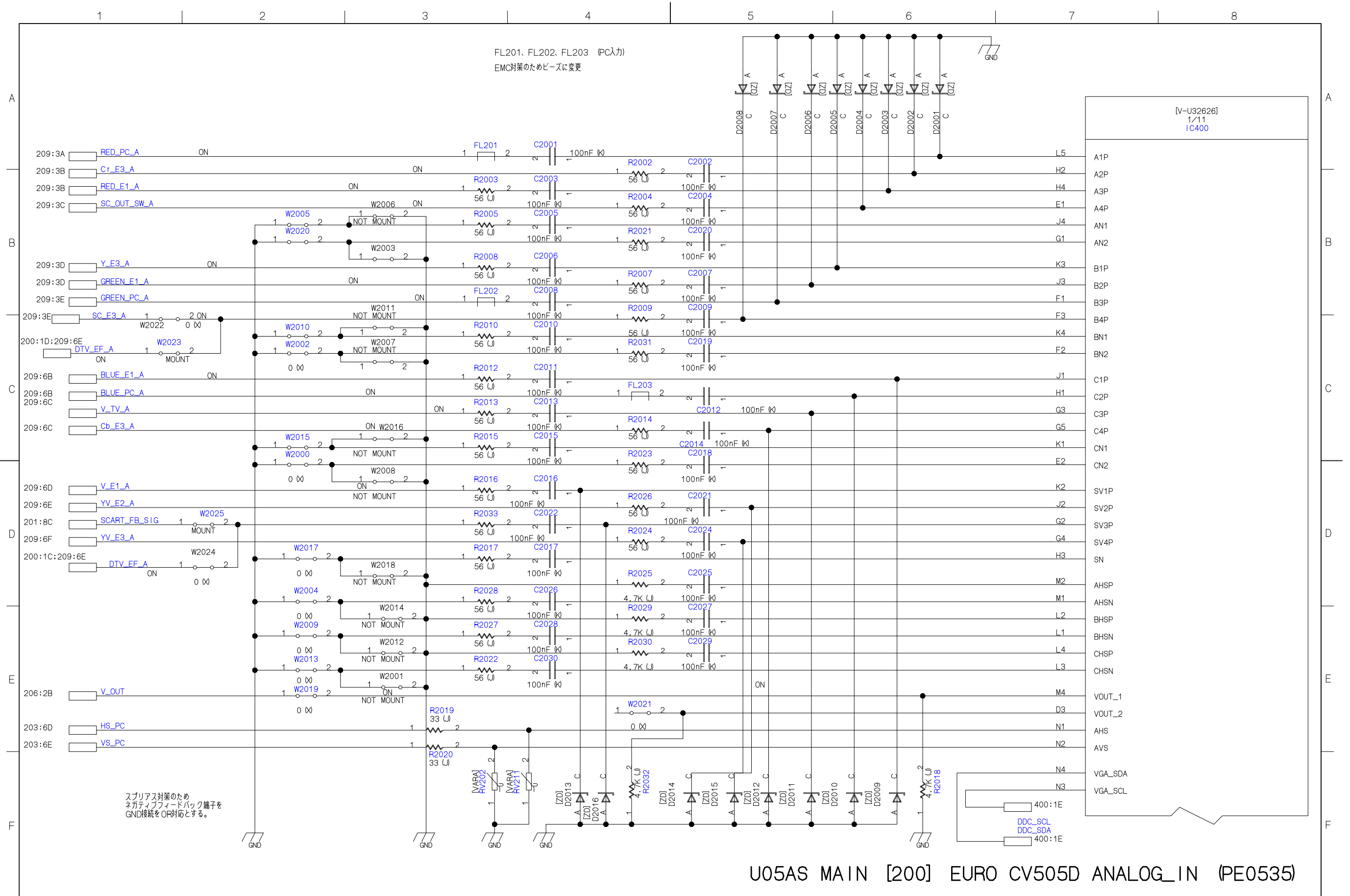
U05AS MAIN [115] TERMINATE (PE0535)

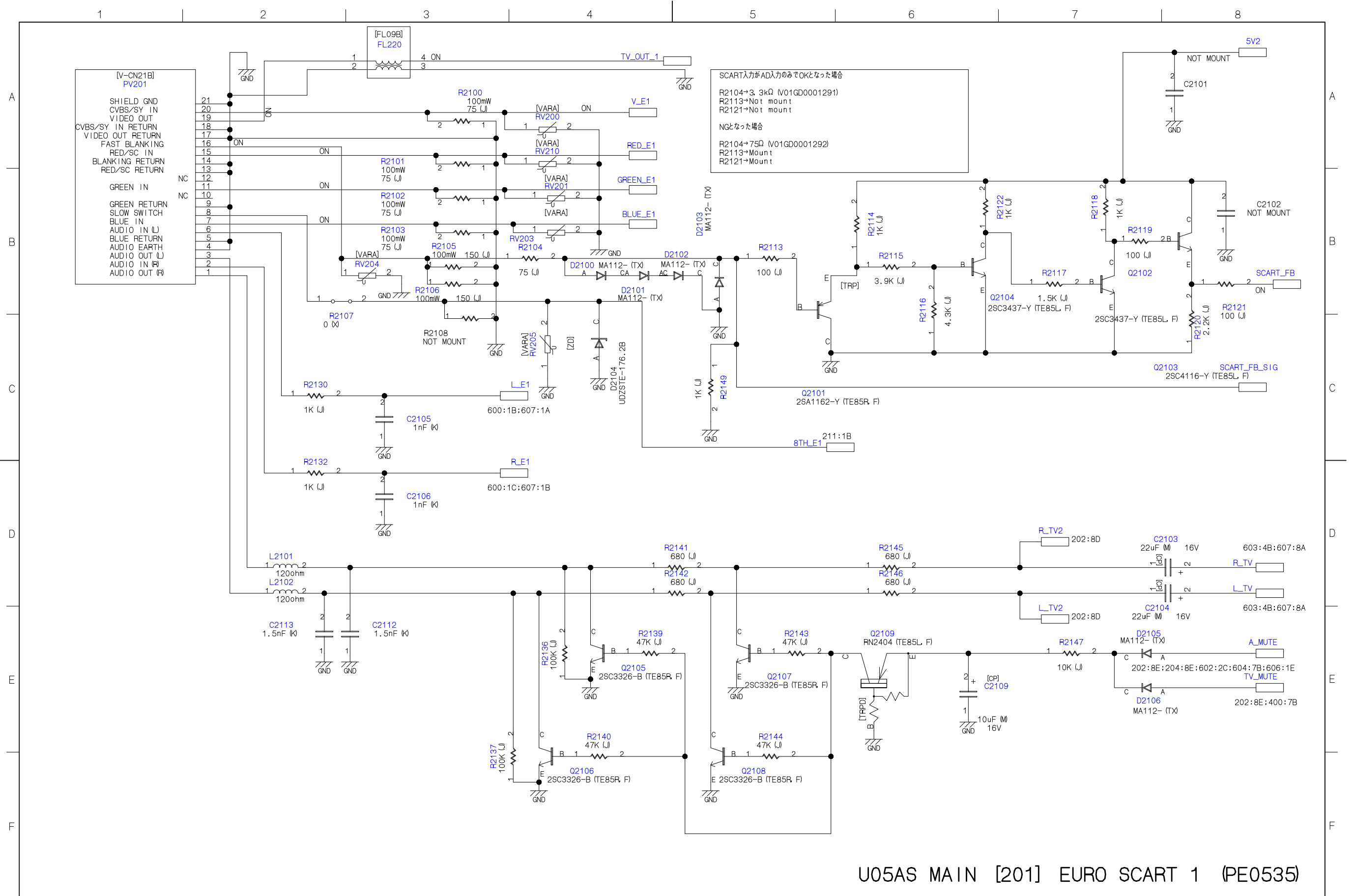


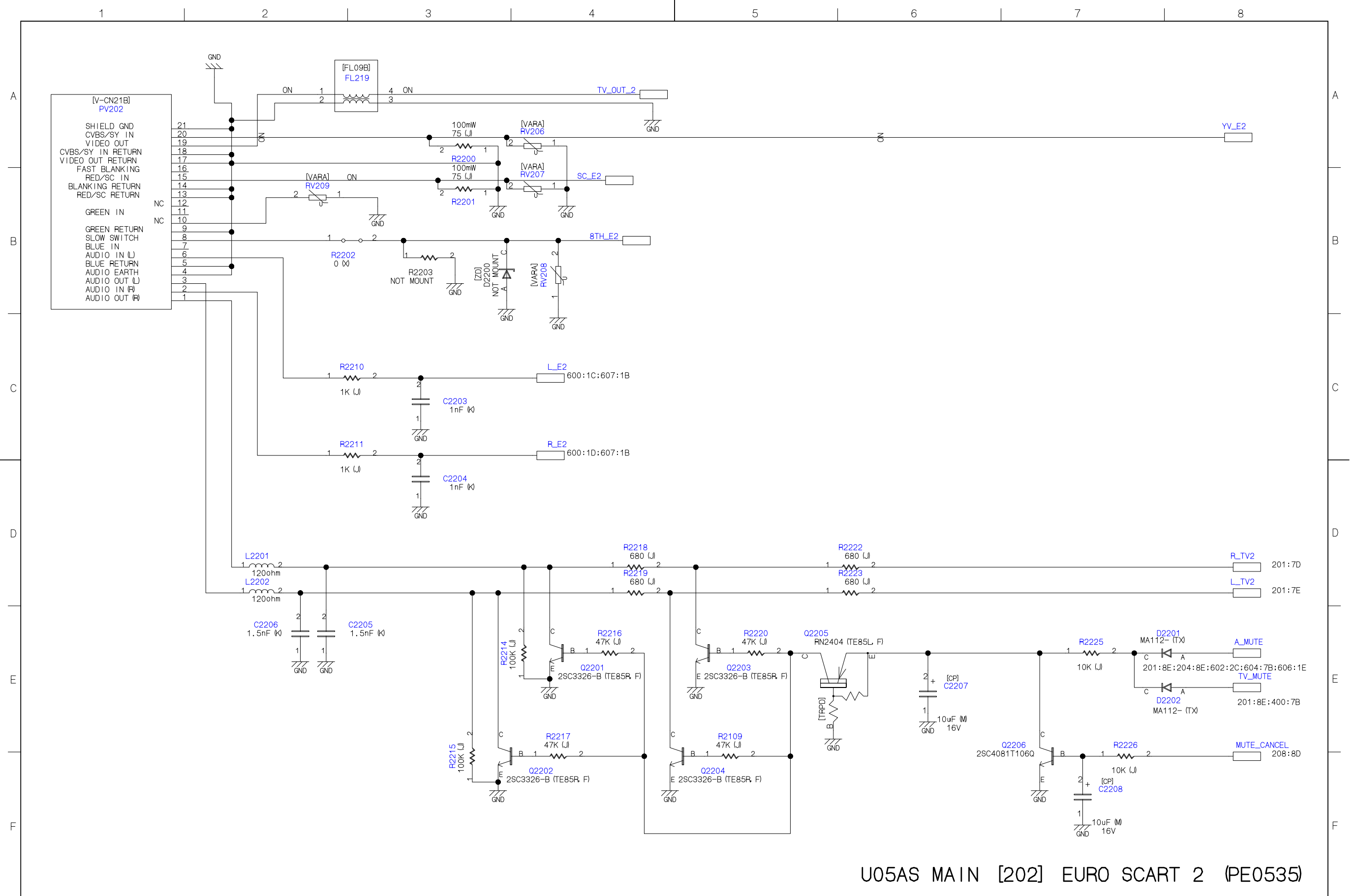


U05AS MAIN [117] SBD REGISTER (PE0535)





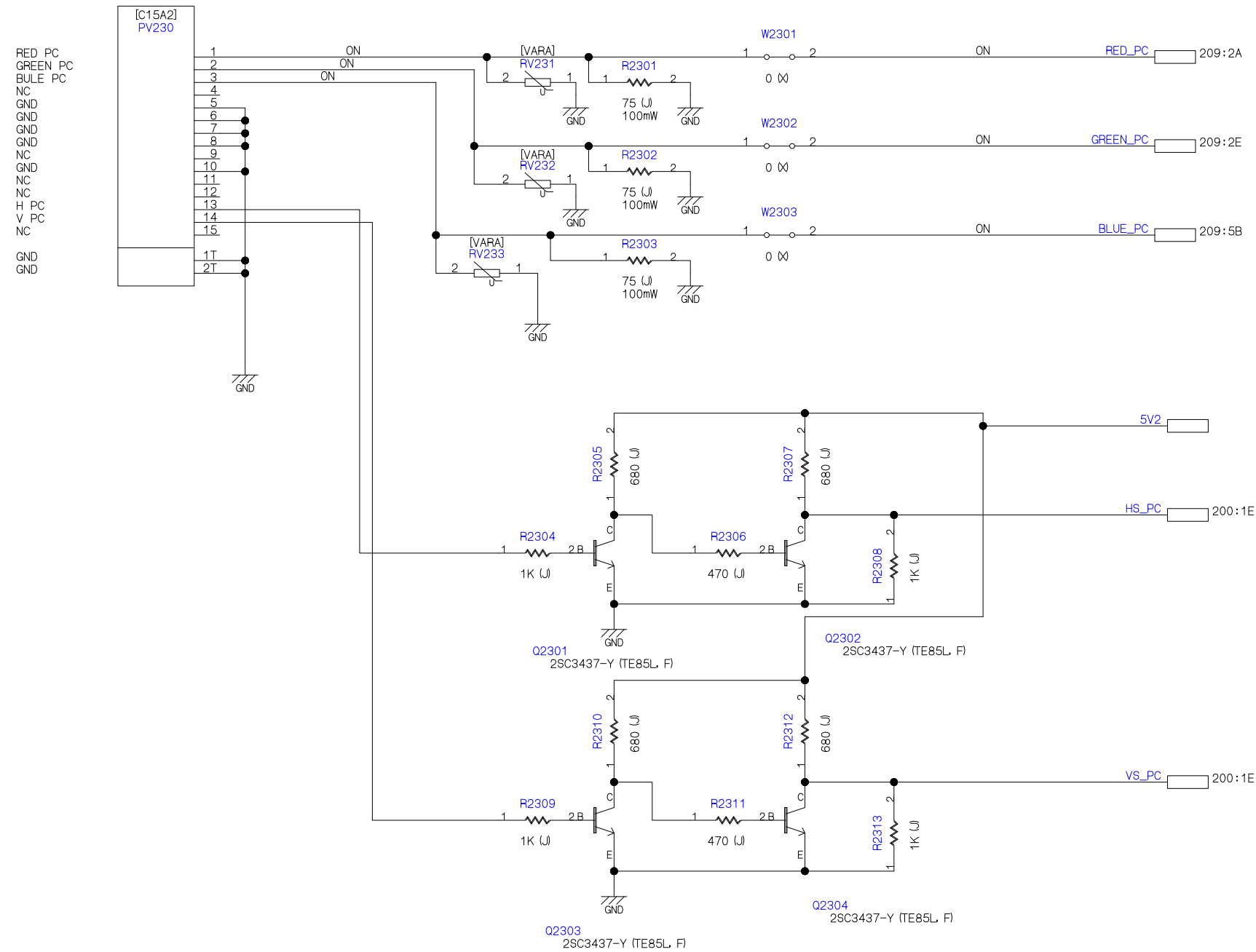




10/30変更

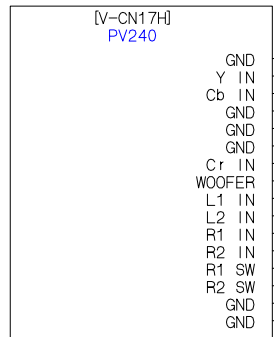
V22A00055100 TOPタイプ D-SUB

セル変更済み



U05AS MAIN [203] EURO PC IN (PE0535)

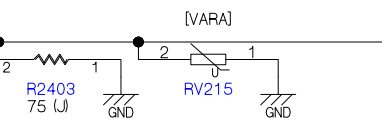
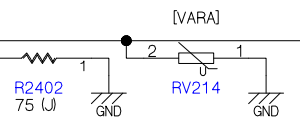
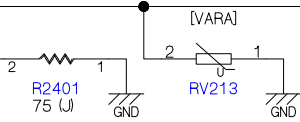
PV240 (V21A00011700) は新規部品 セル登録済み



#2次試作より端子変更
HDMI_A/PC-IN 2端子削除品

L1/R1:Audio in
L2/R2:Audio out

602:7C
WOOFER_OUT



L_CS

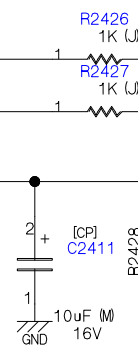
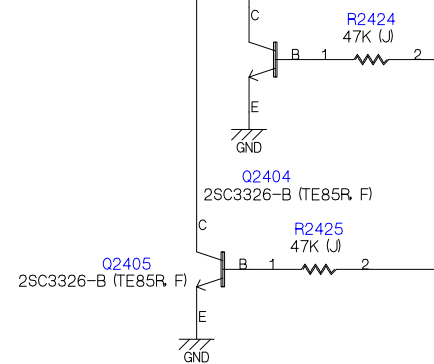
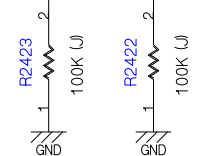
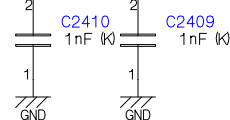
210:3B

R_CS

210:3C

R2420 1K (J)

R2421 1K (J)



L_MONI

603:8B:607:8B

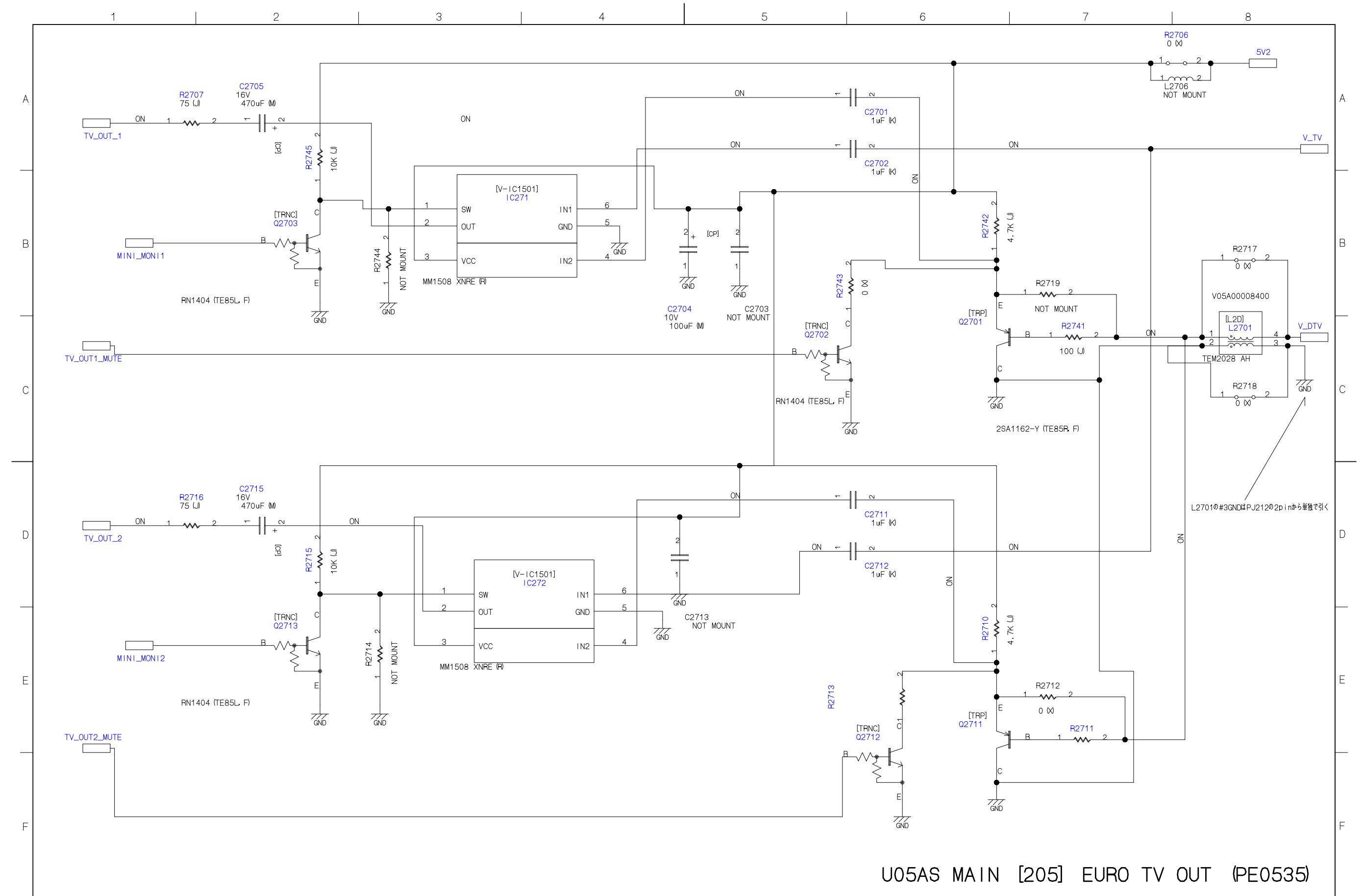
R_MONI

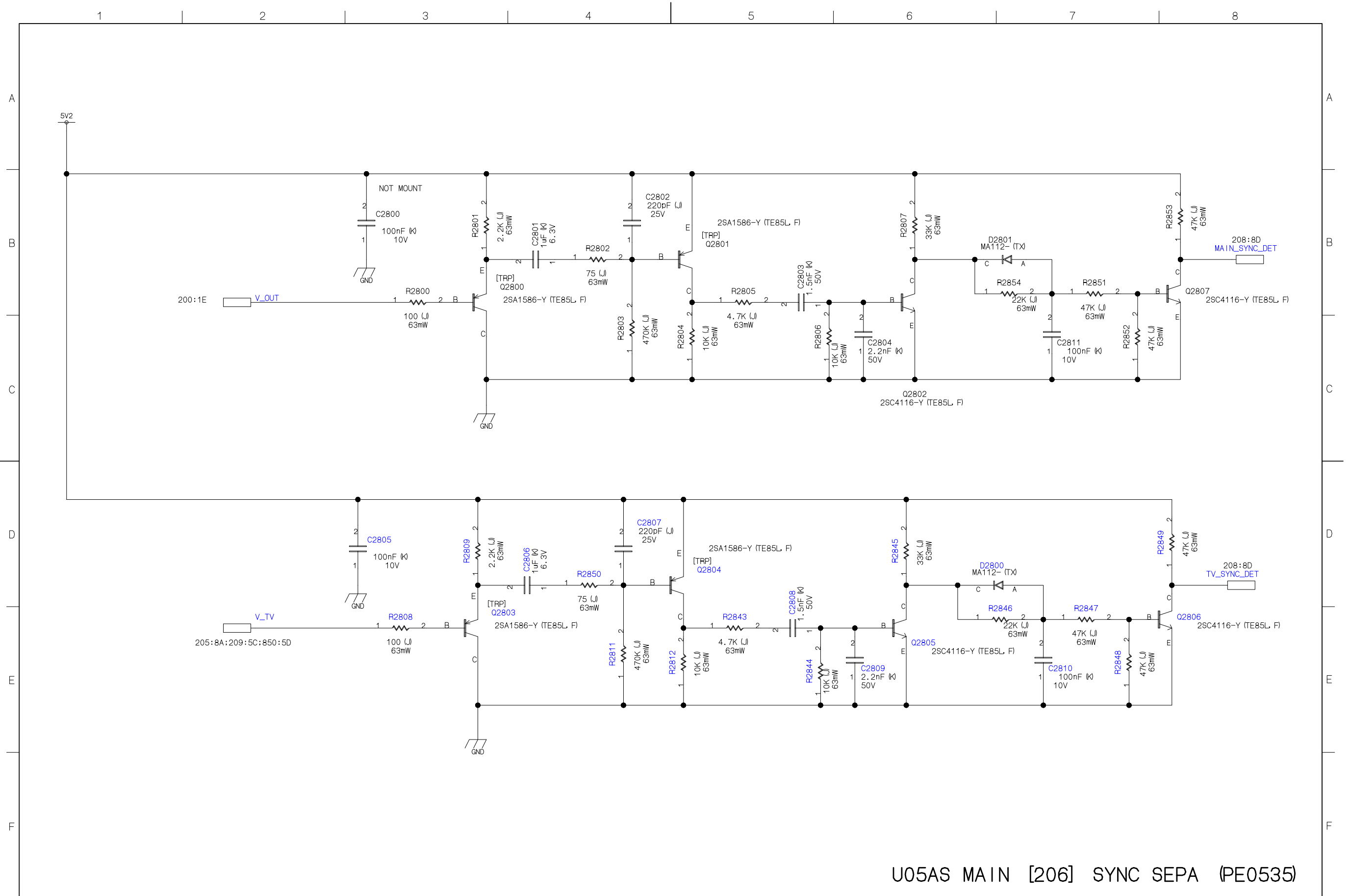
603:8B:607:8B

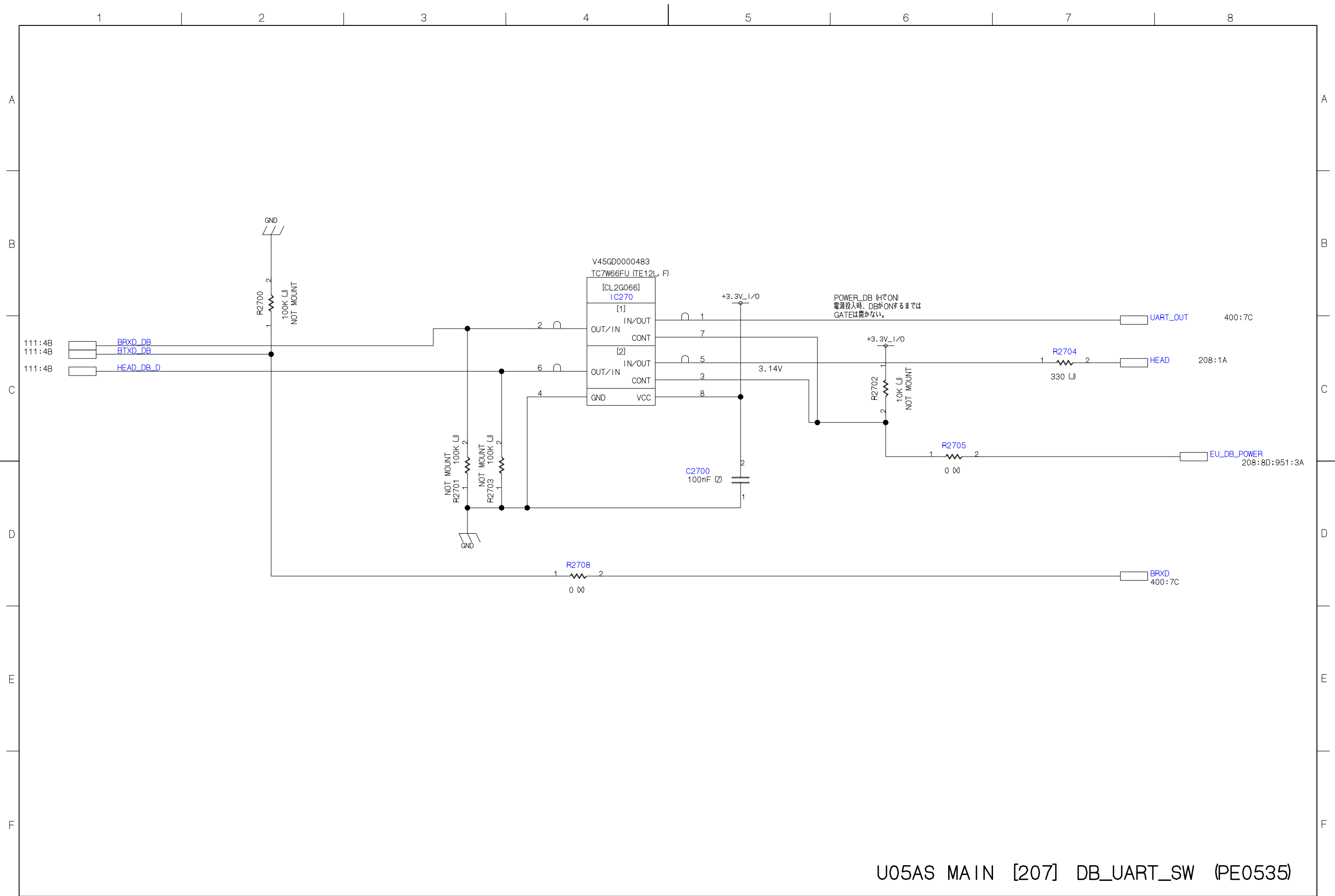
A_MUTE

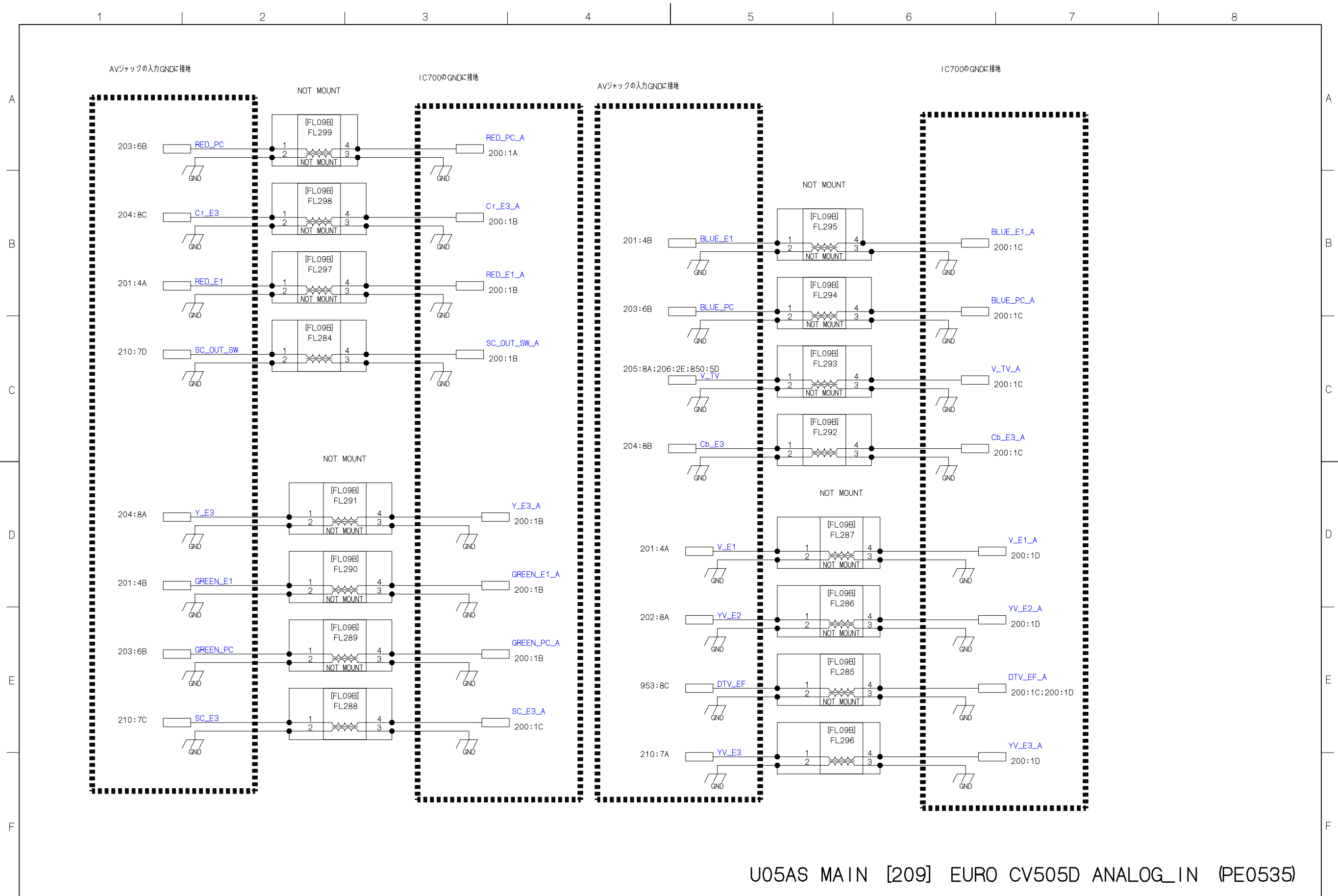
201:8E:202:8E:602:2C:604:7B:606:1E

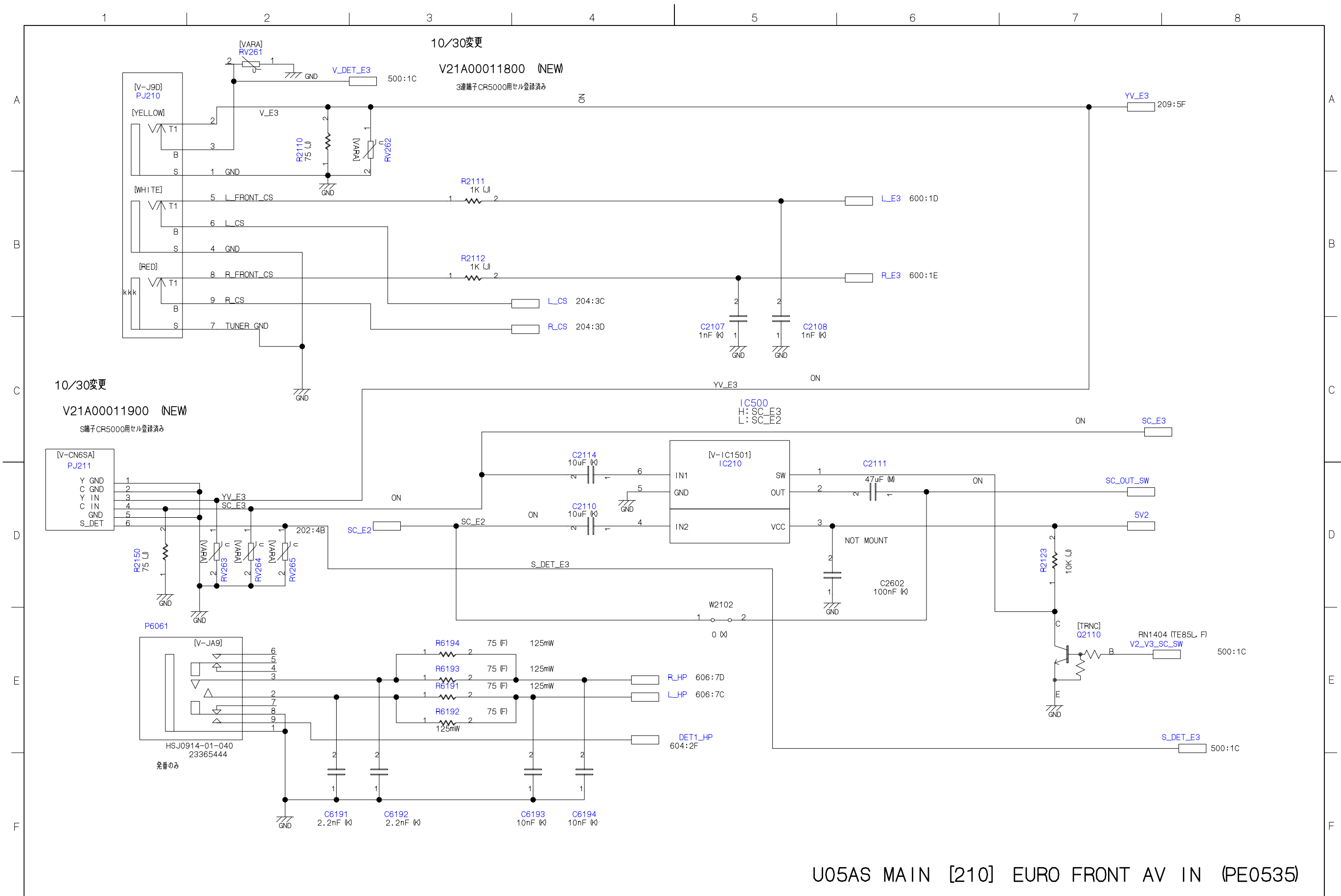
U05AS MAIN [204] EURO COMPONENT IN (PE0535)

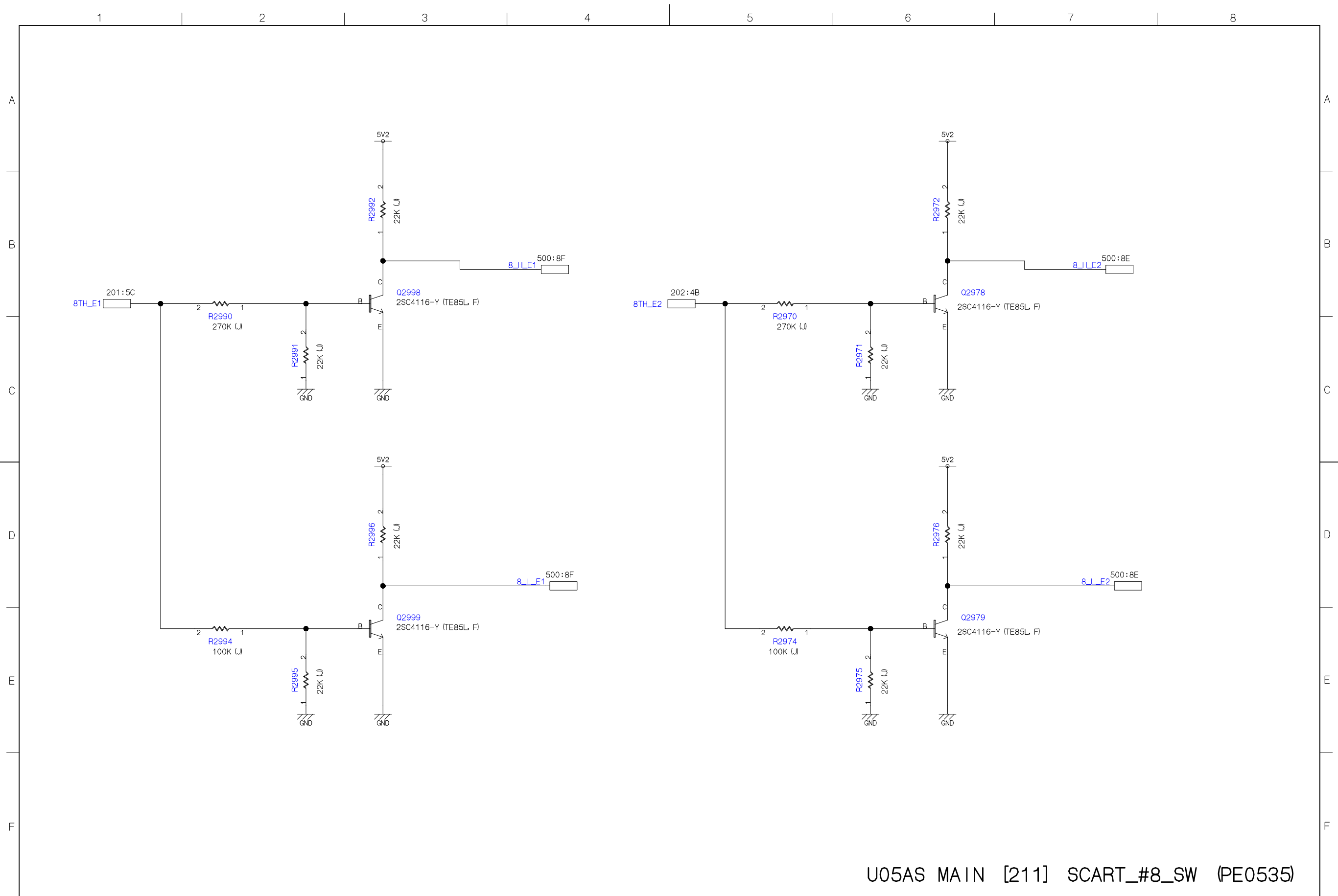




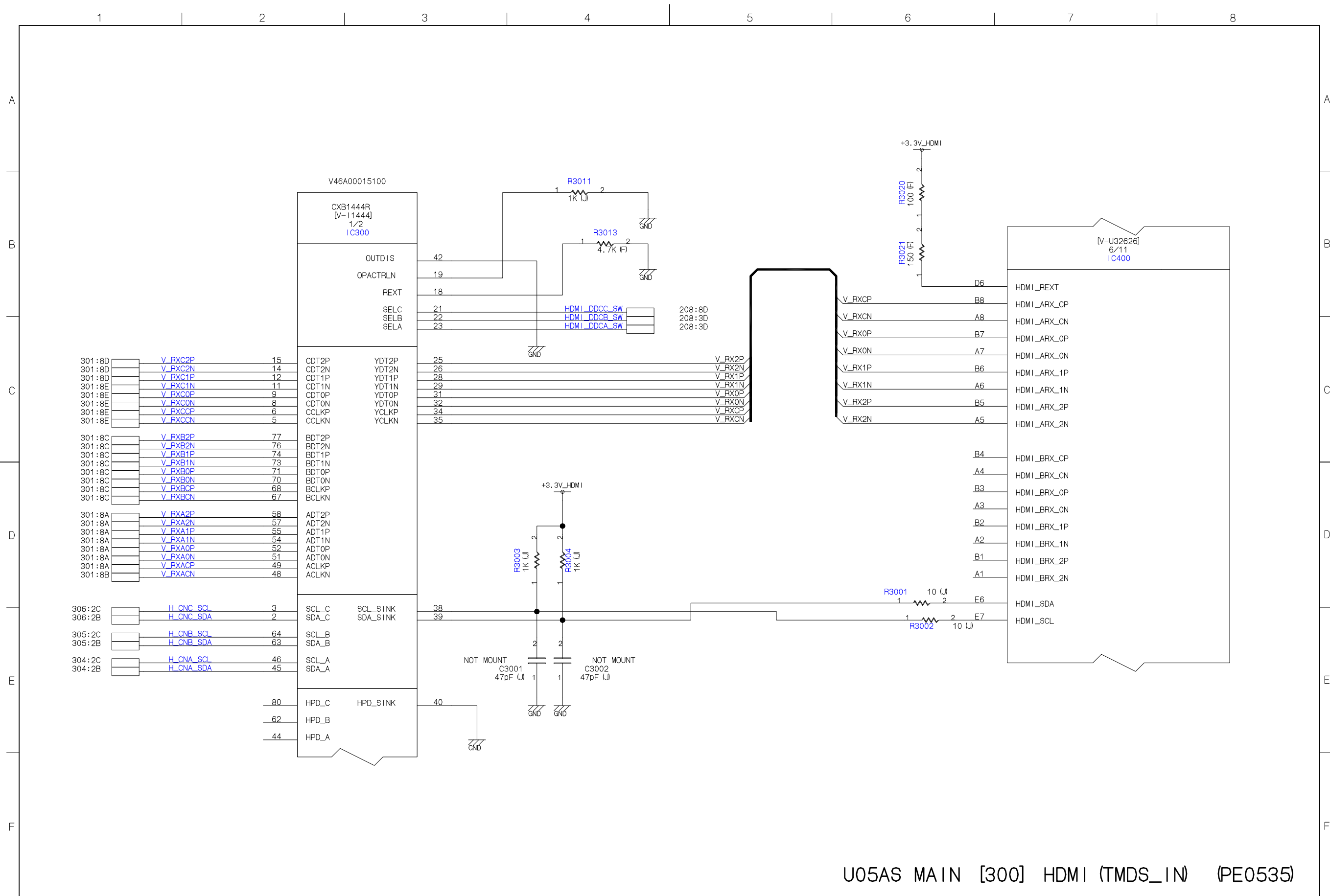


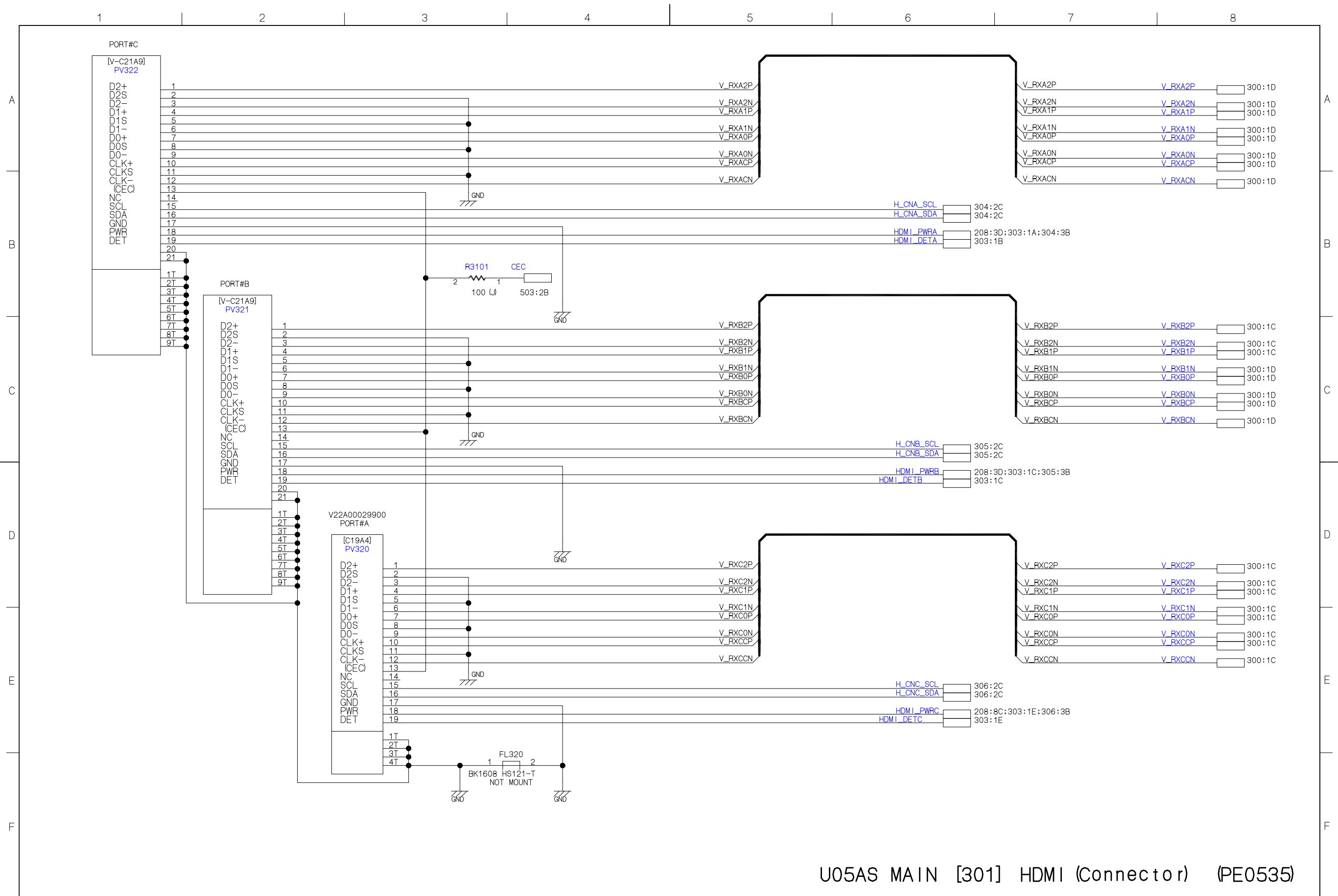




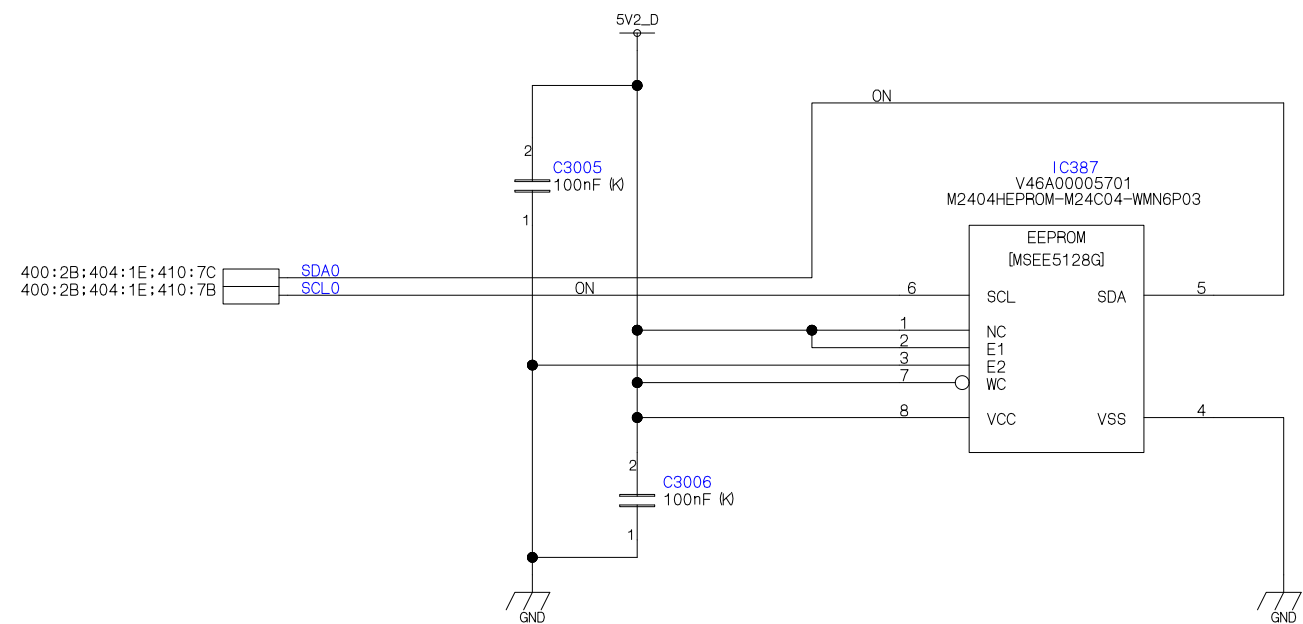
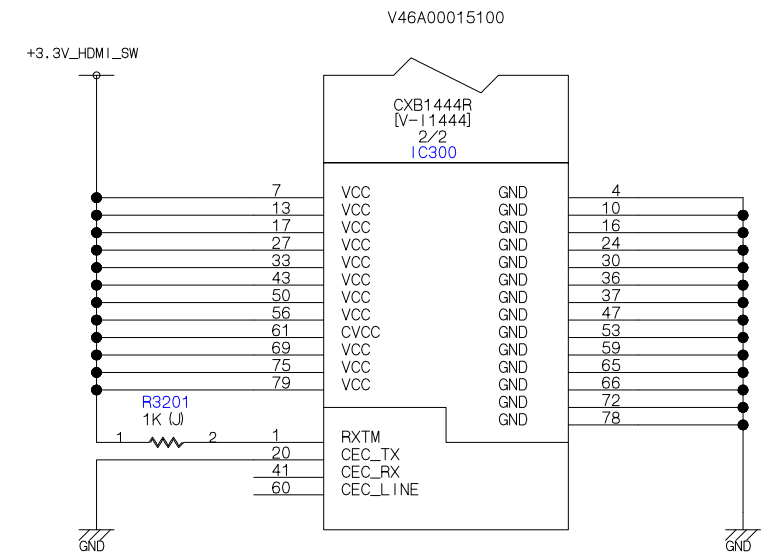
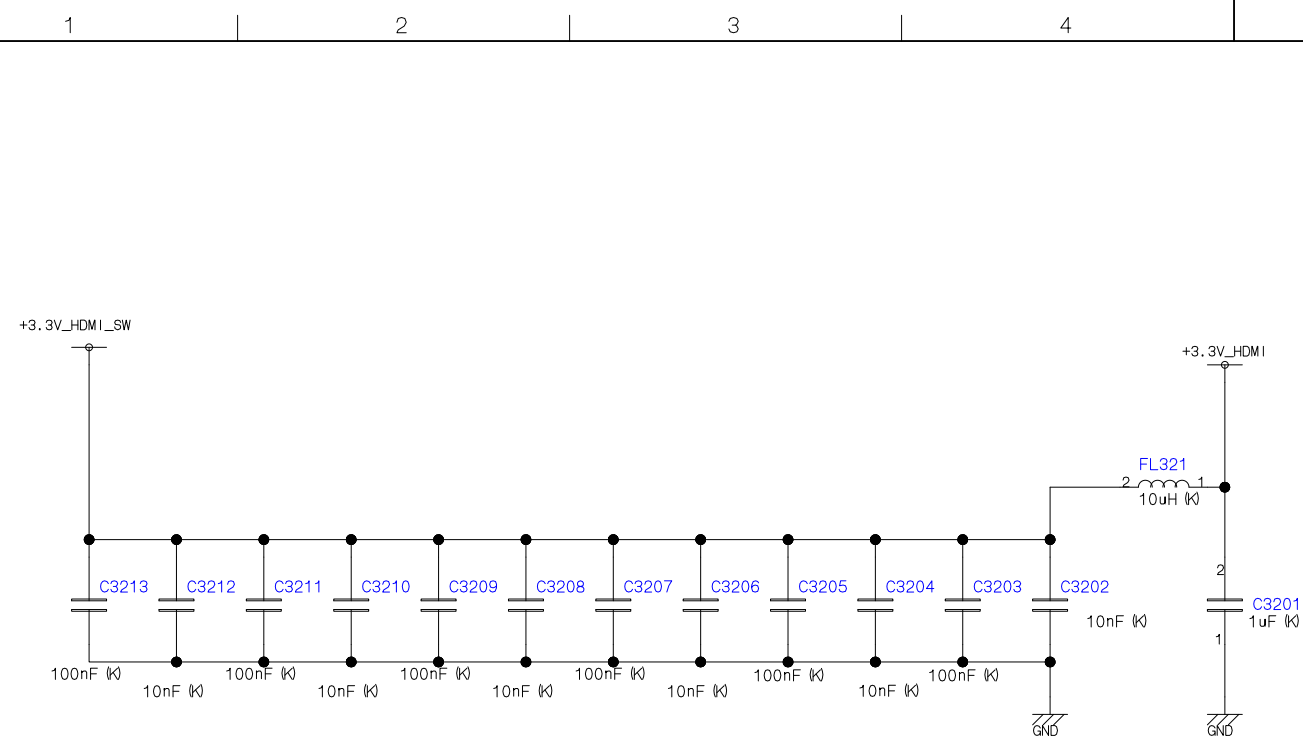


U05AS MAIN [211] SCART_#8_SW (PE0535)

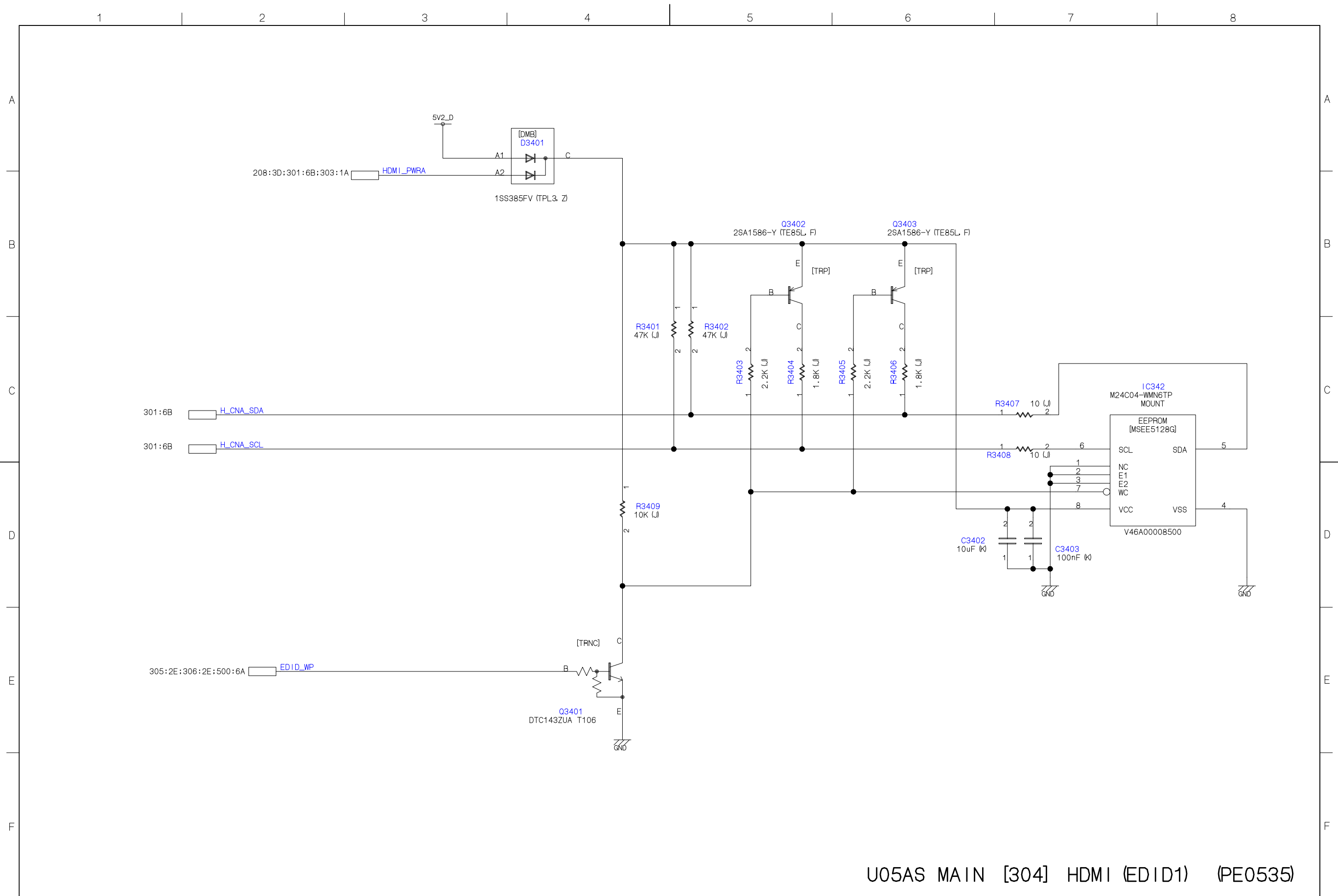




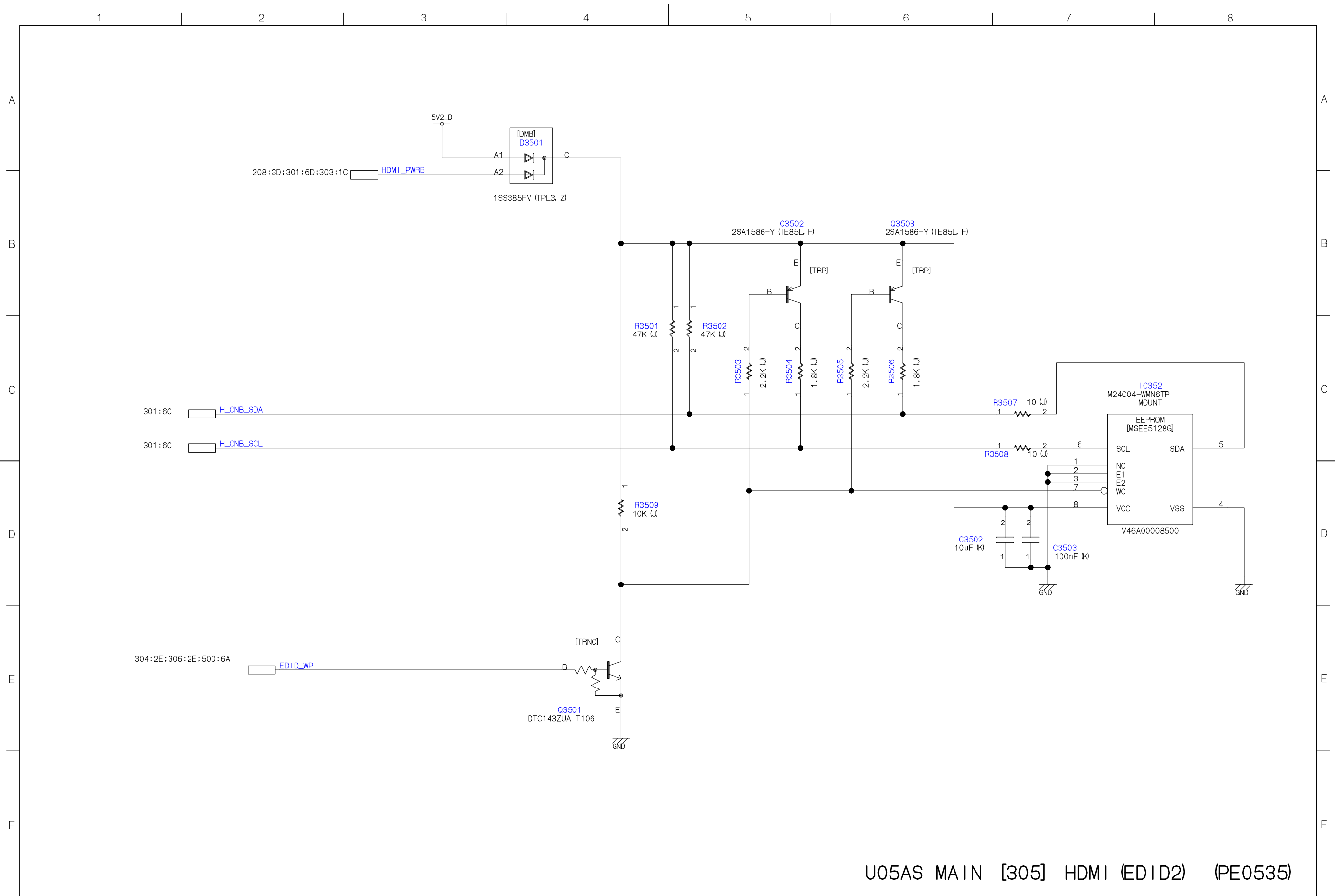
U05AS MAIN [301] HDMI (Connector) (PE0535)

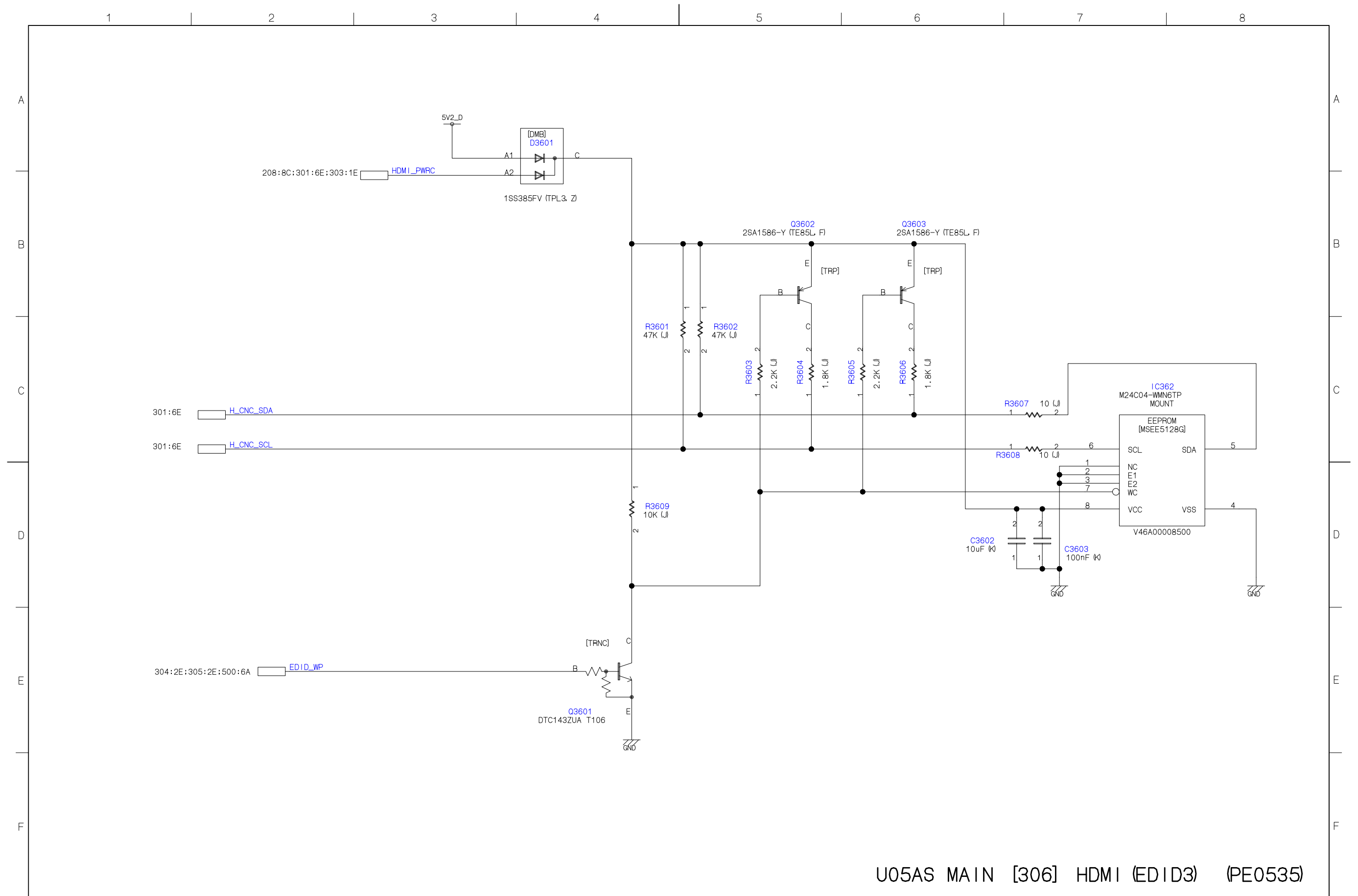


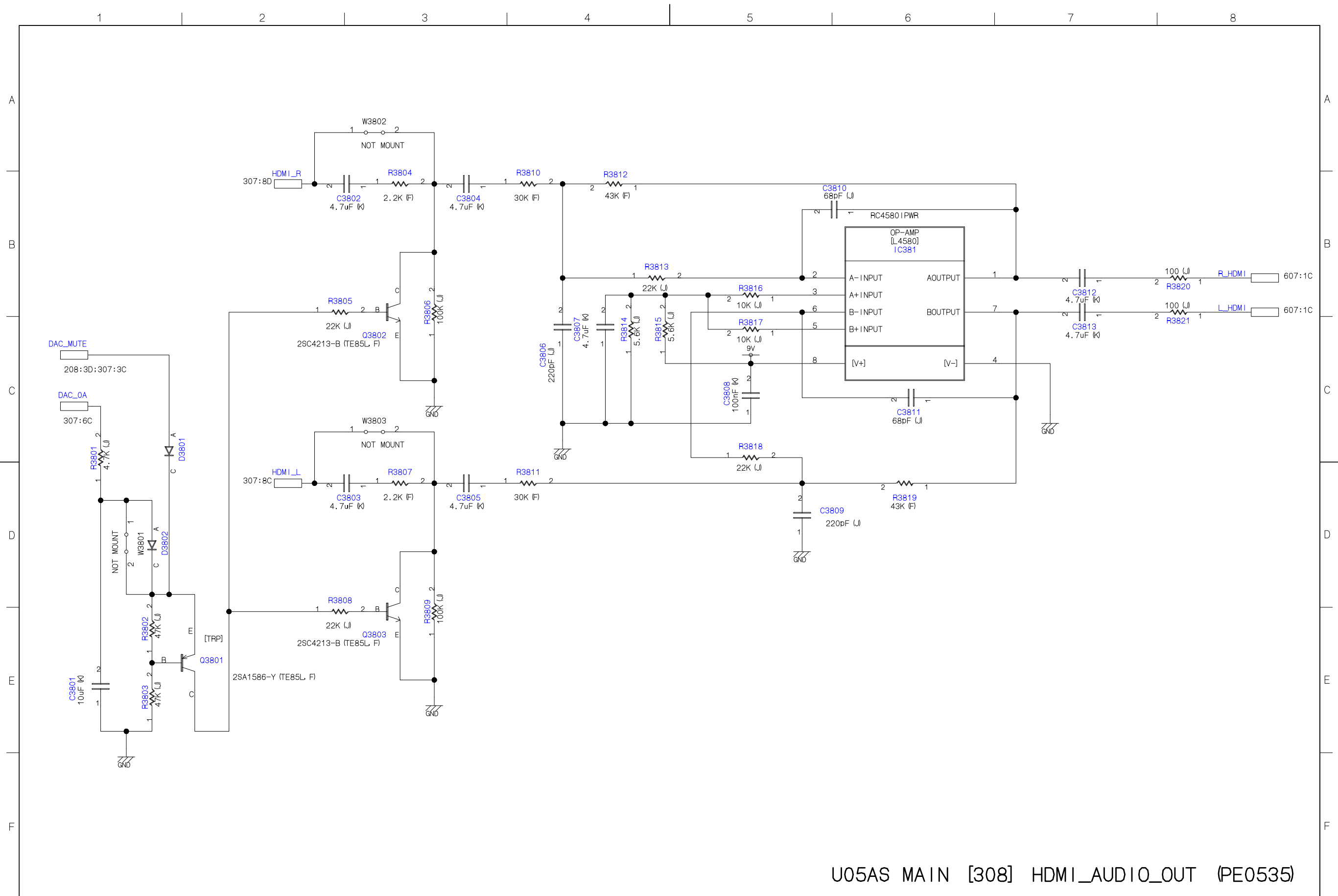
U05AS MAIN [302] HDMI (HDCP_KEY) (PE0535)

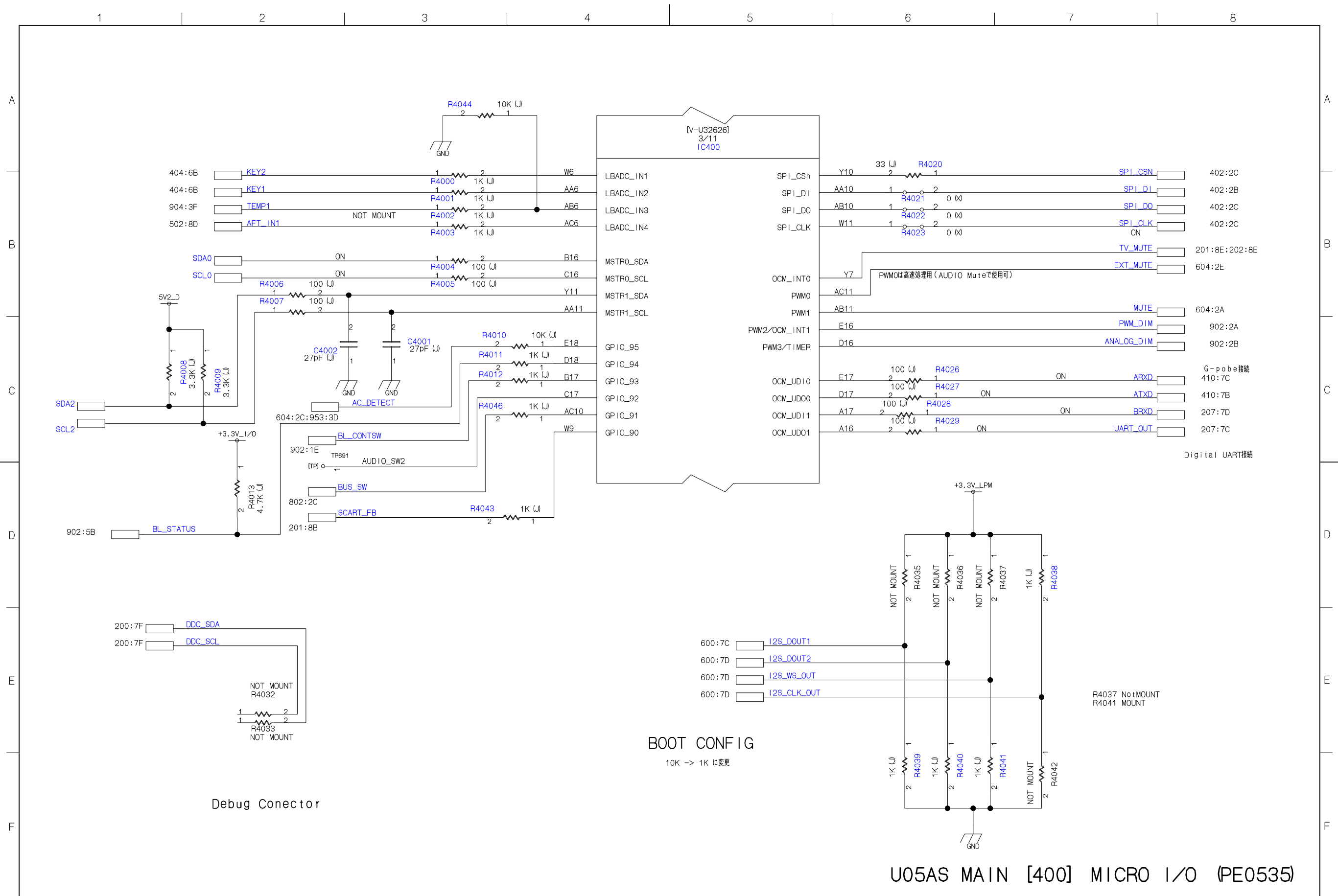


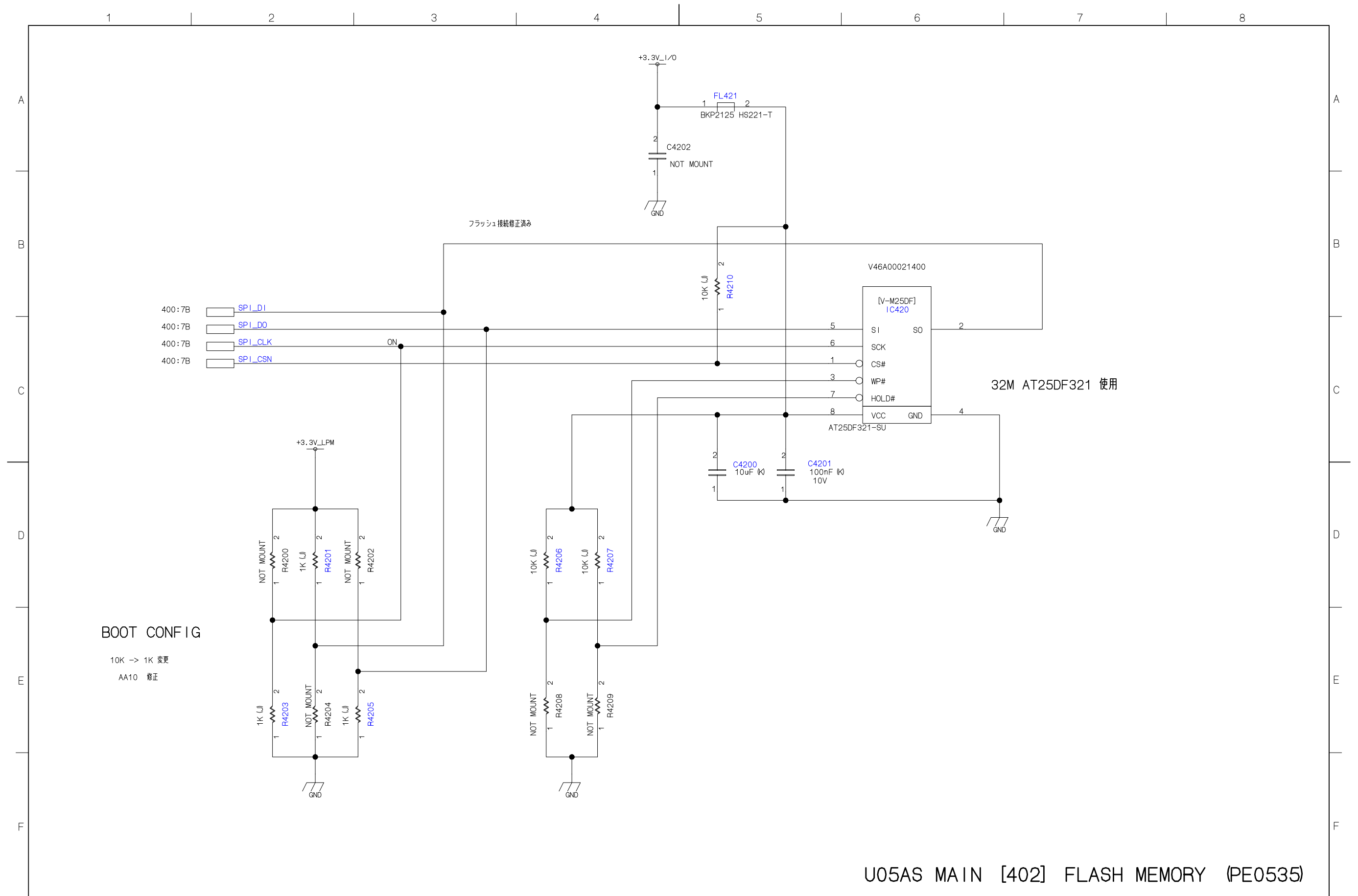
U05AS MAIN [304] HDMI (EDID1) (PE0535)

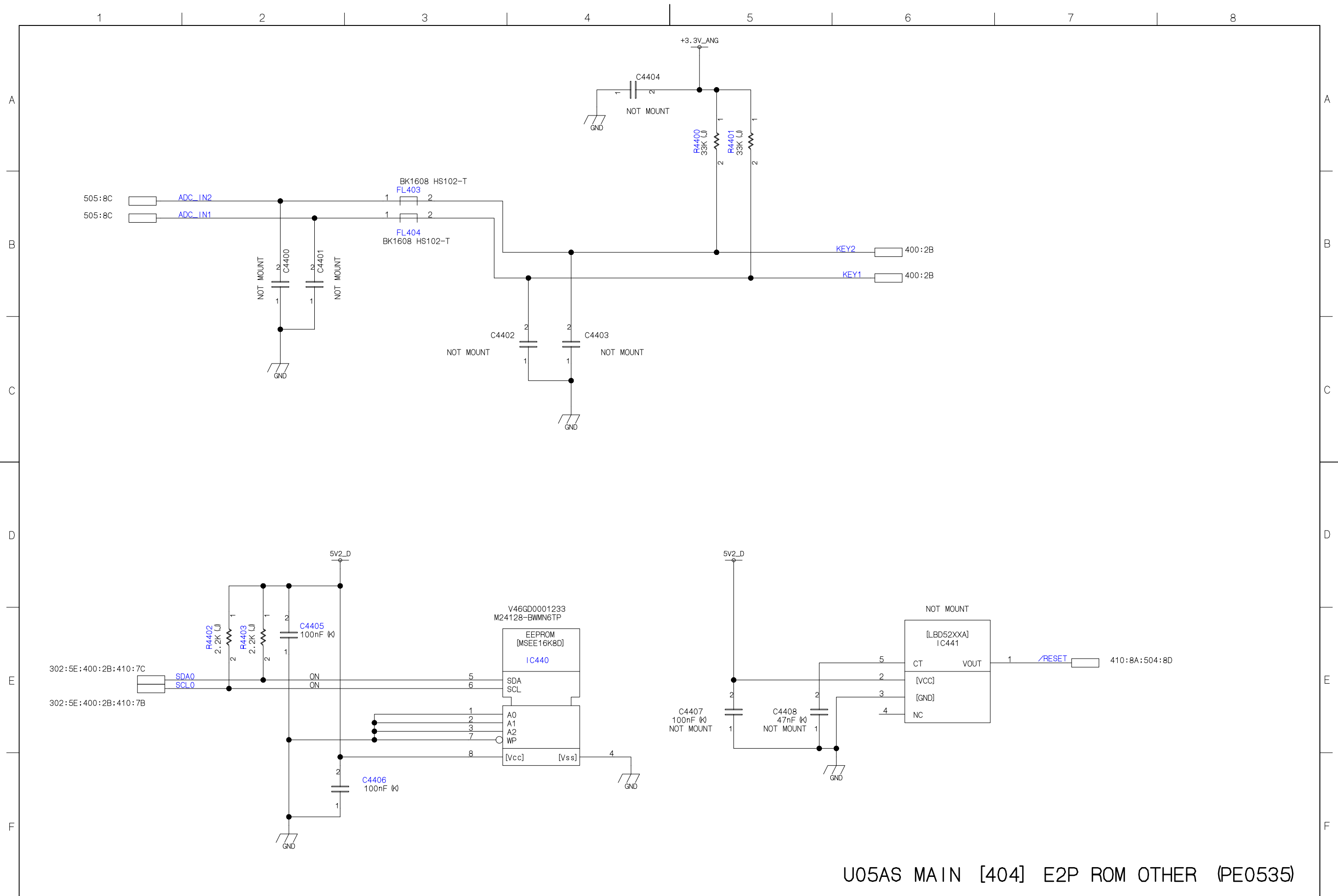


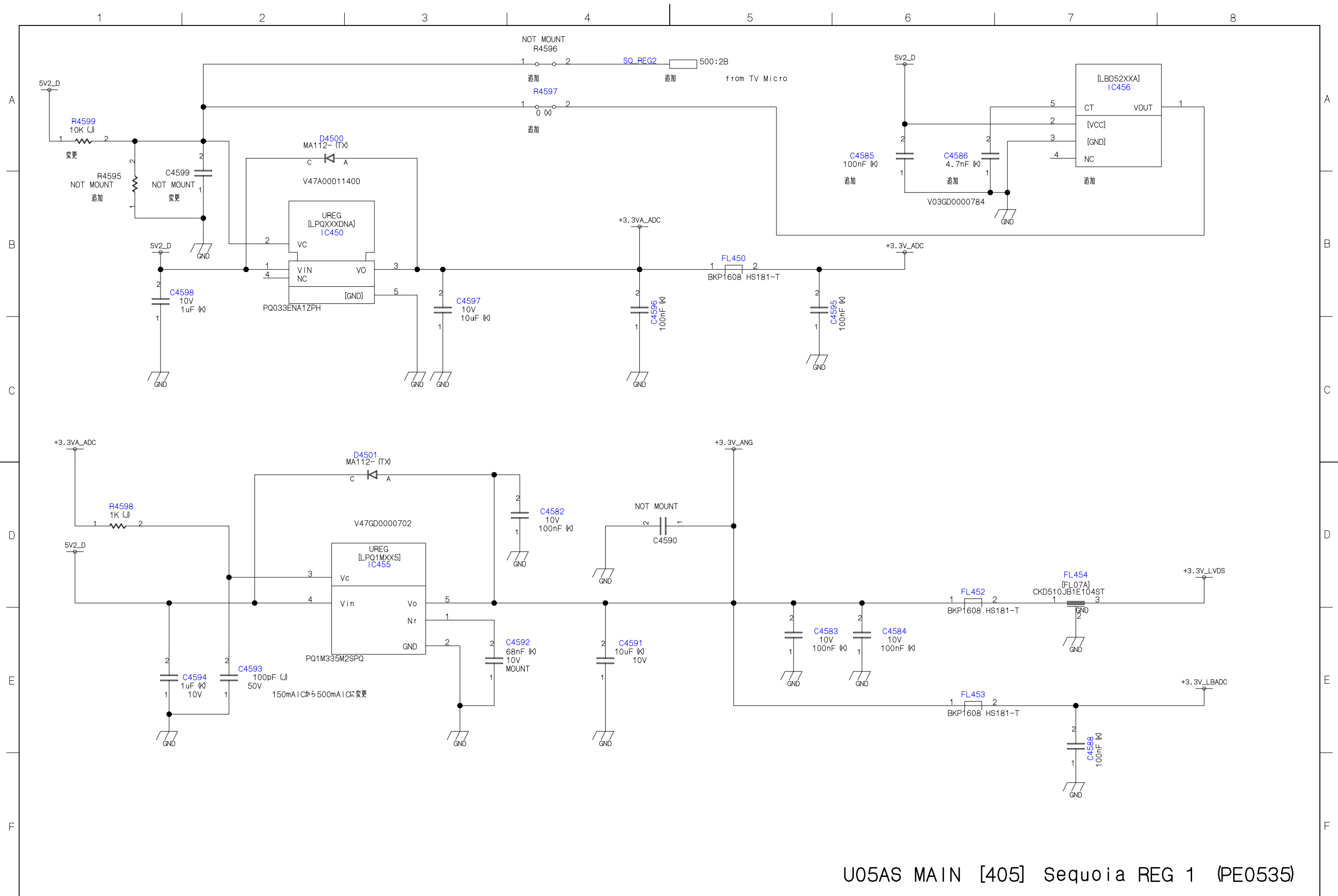




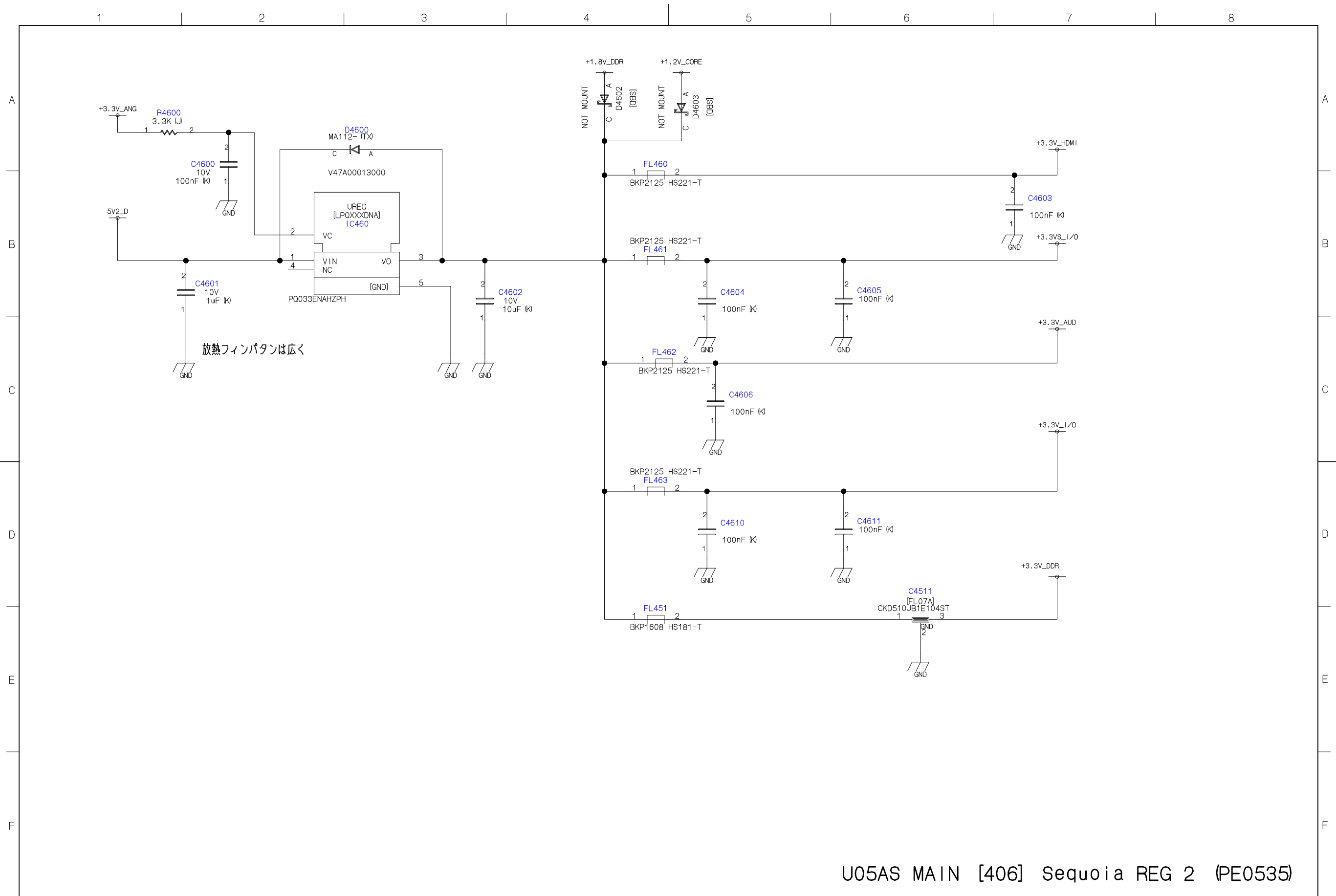


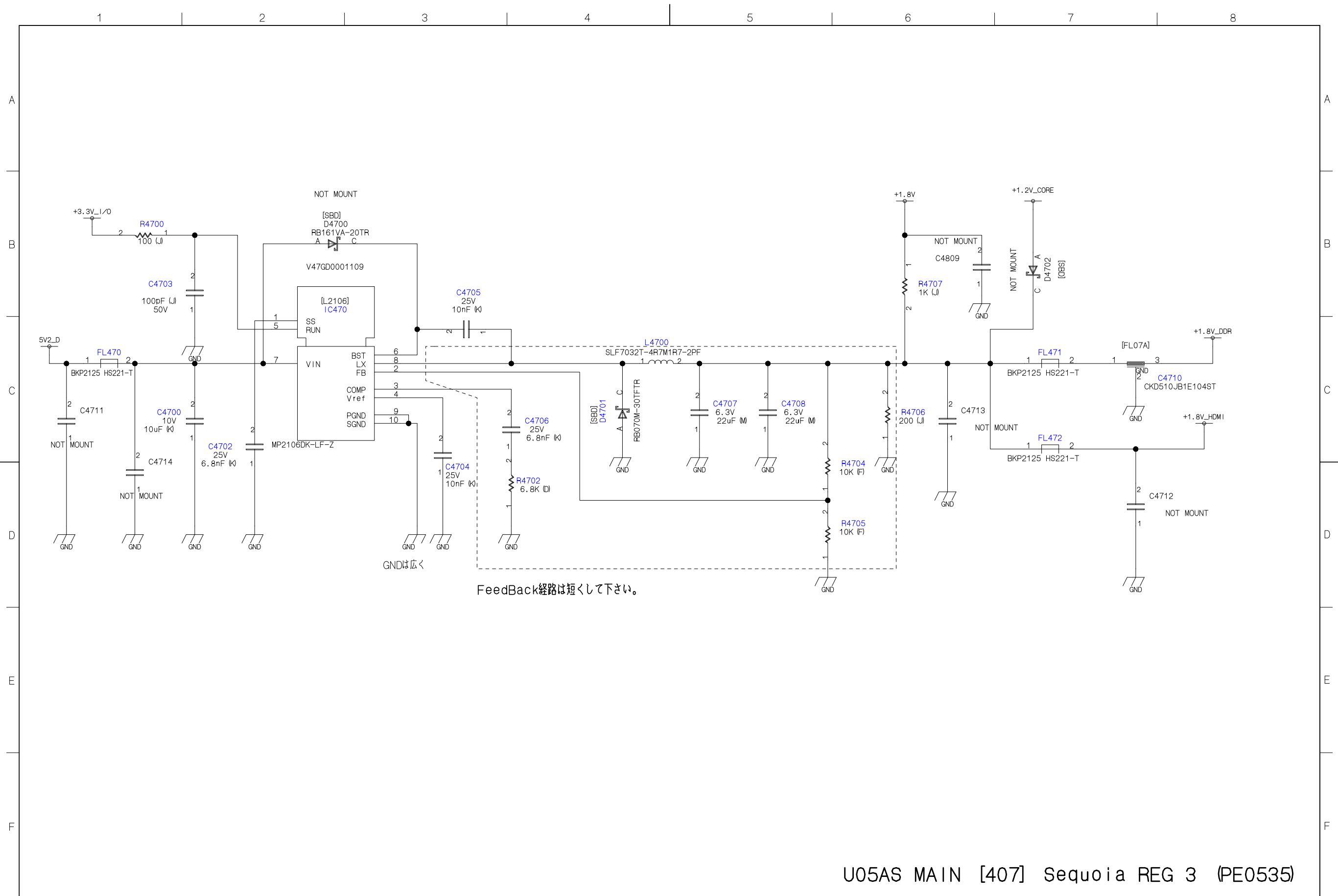


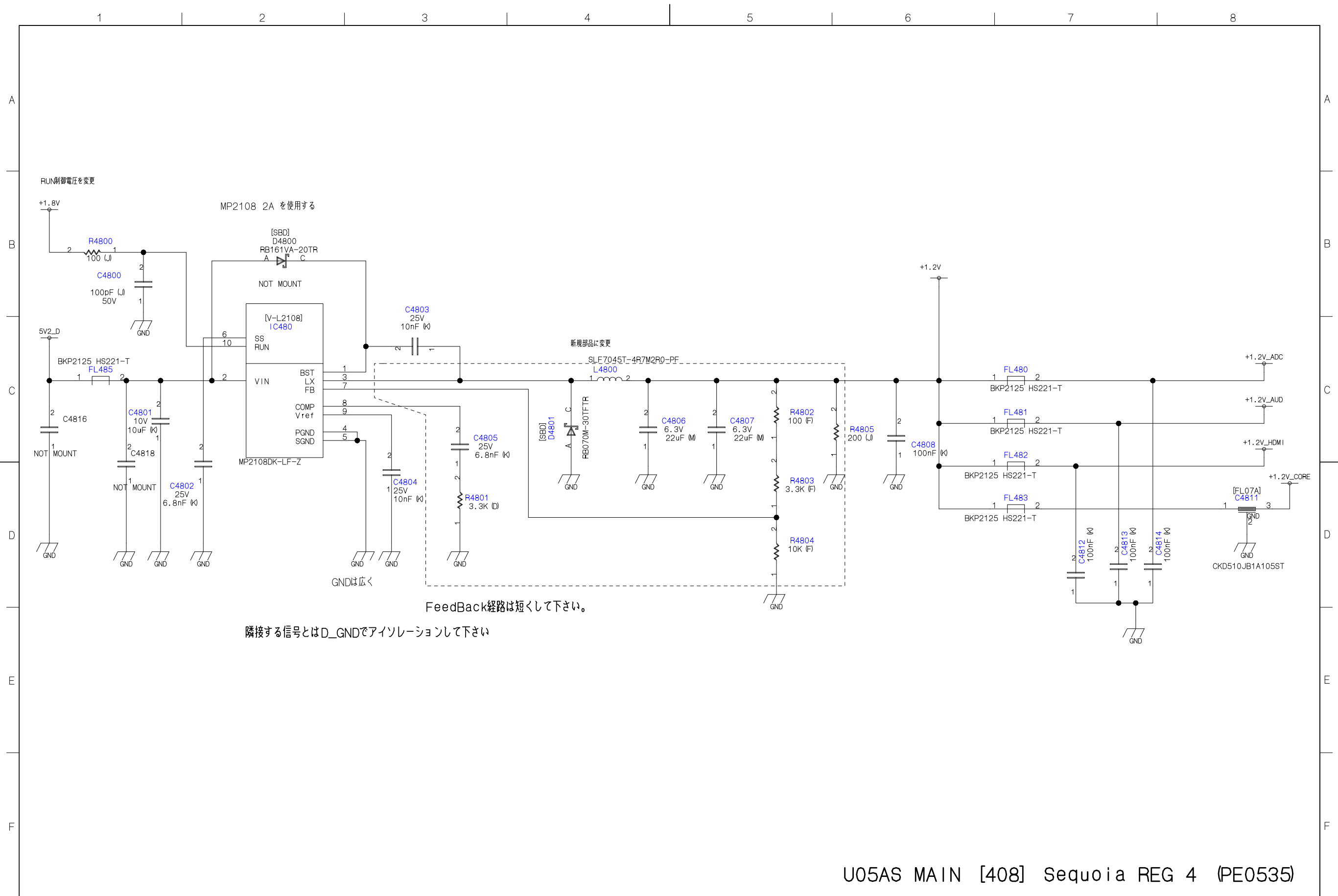


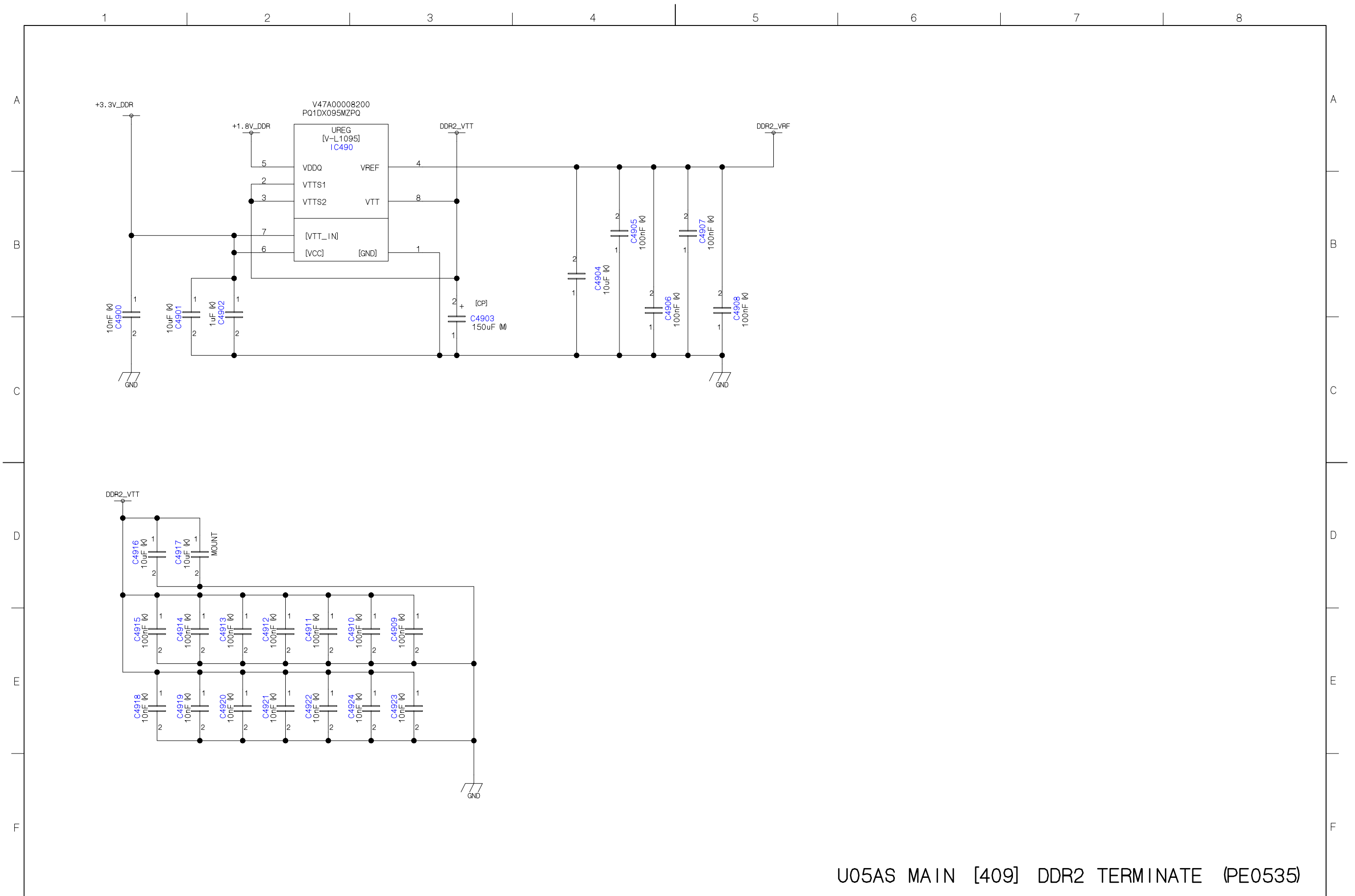


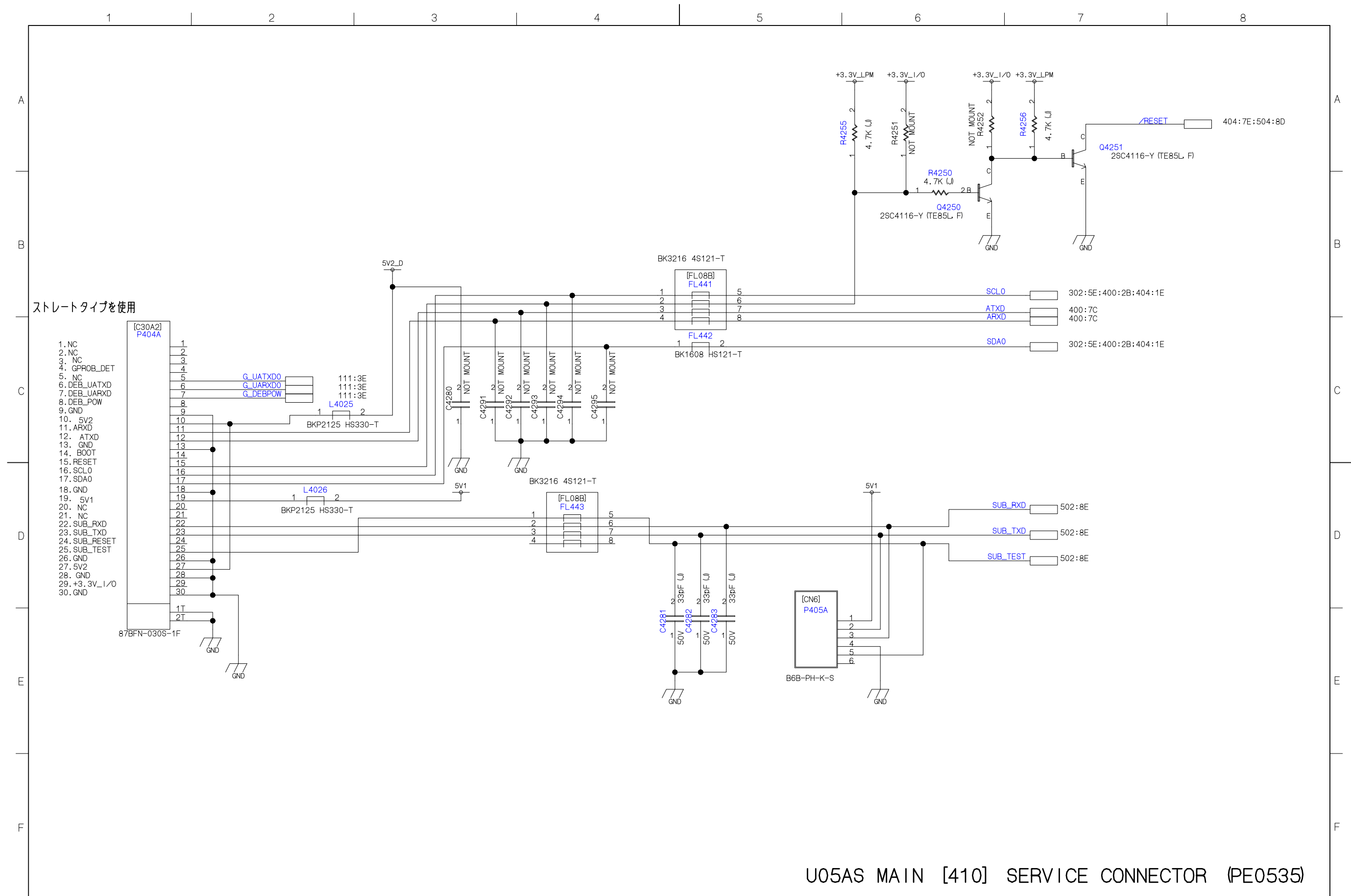
U05AS MAIN [405] Sequoia REG 1 (PE0535)

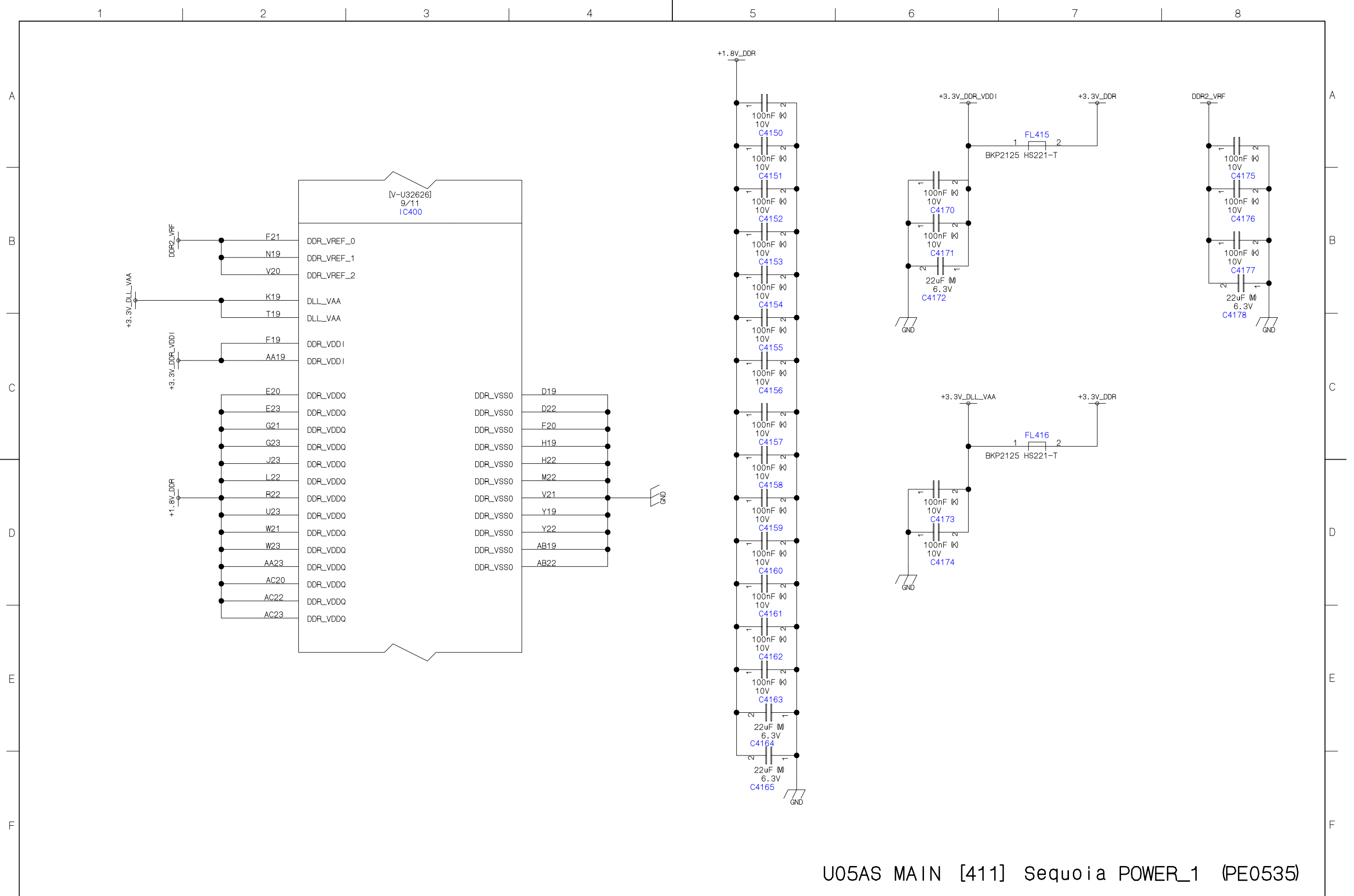


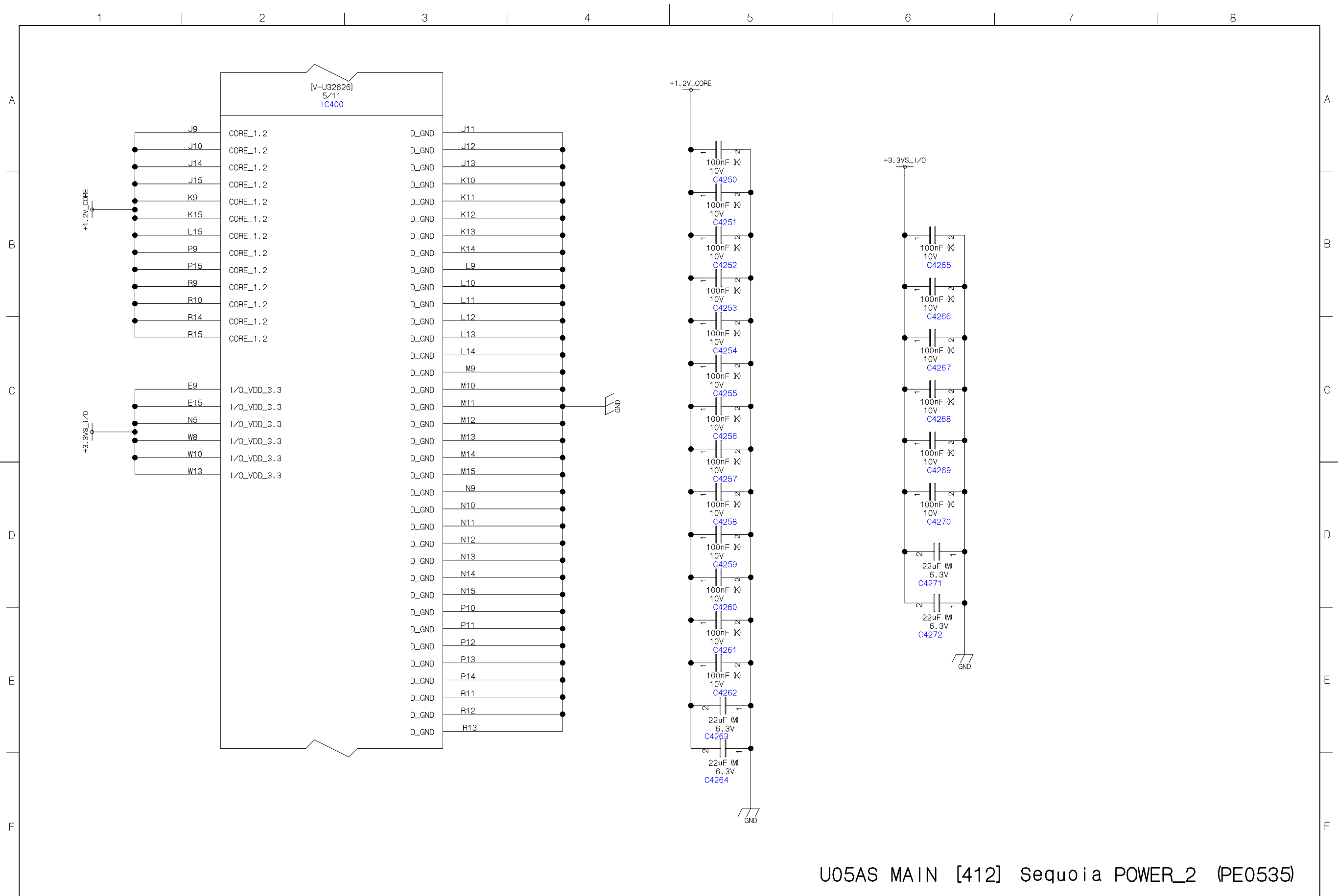


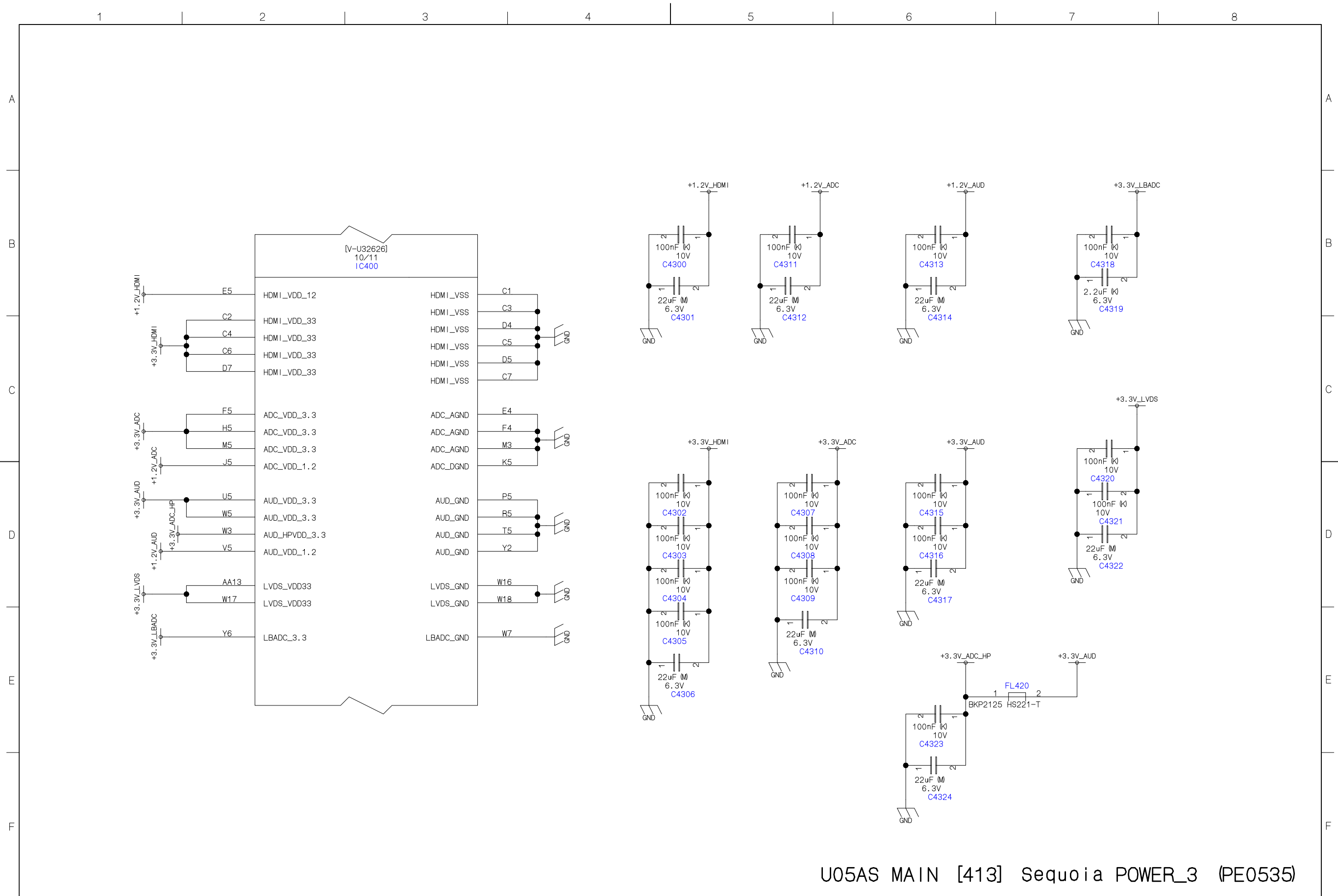


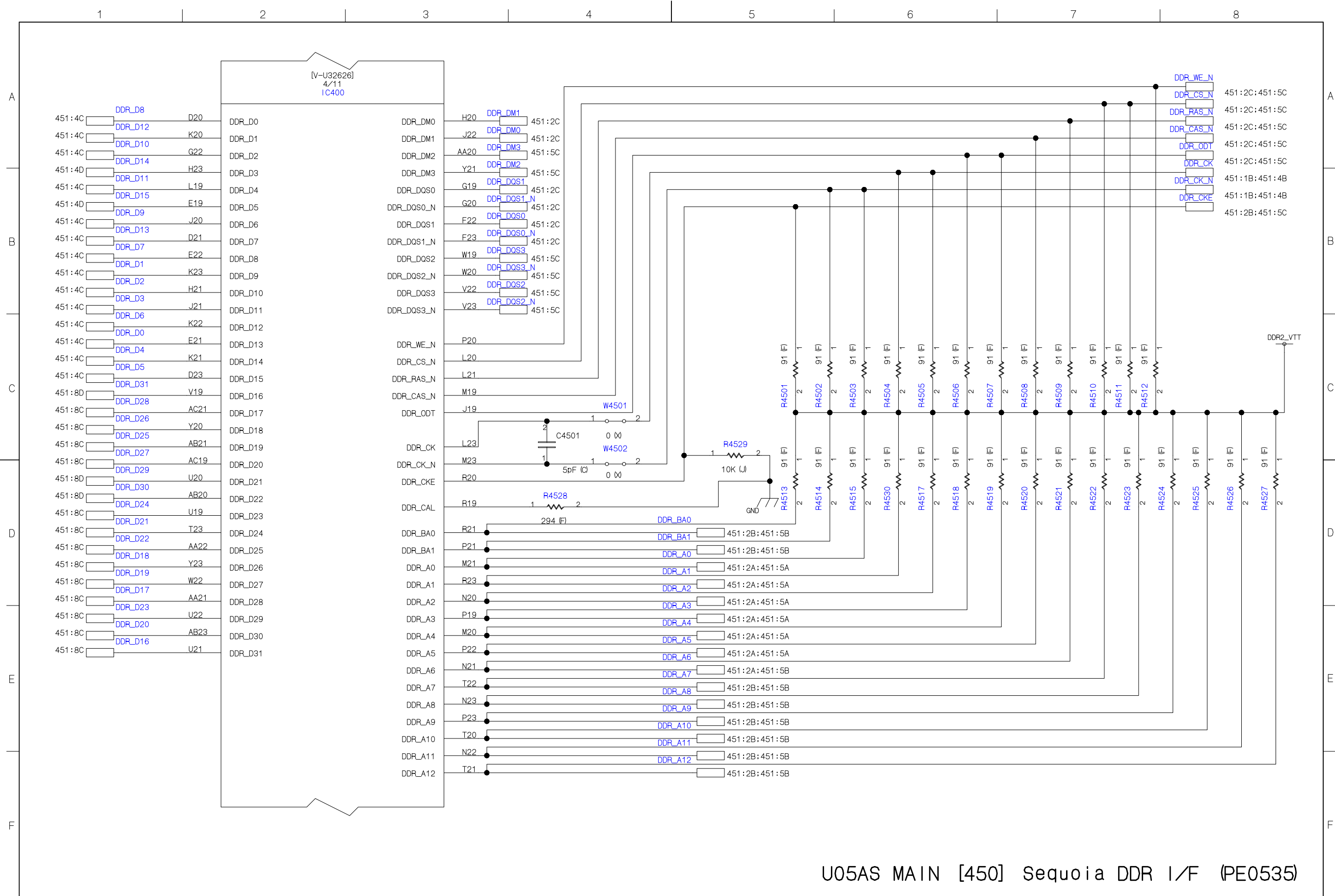


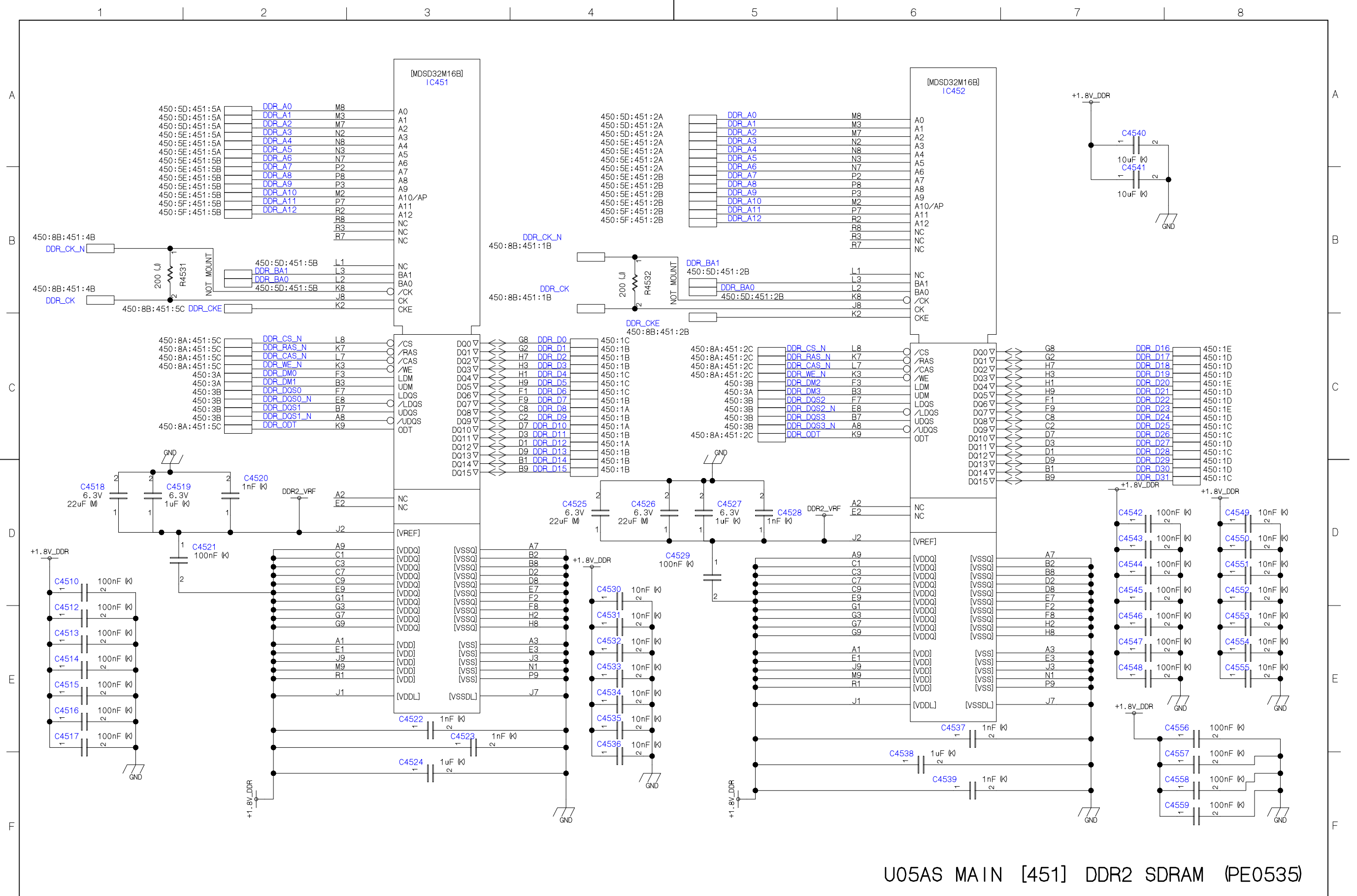


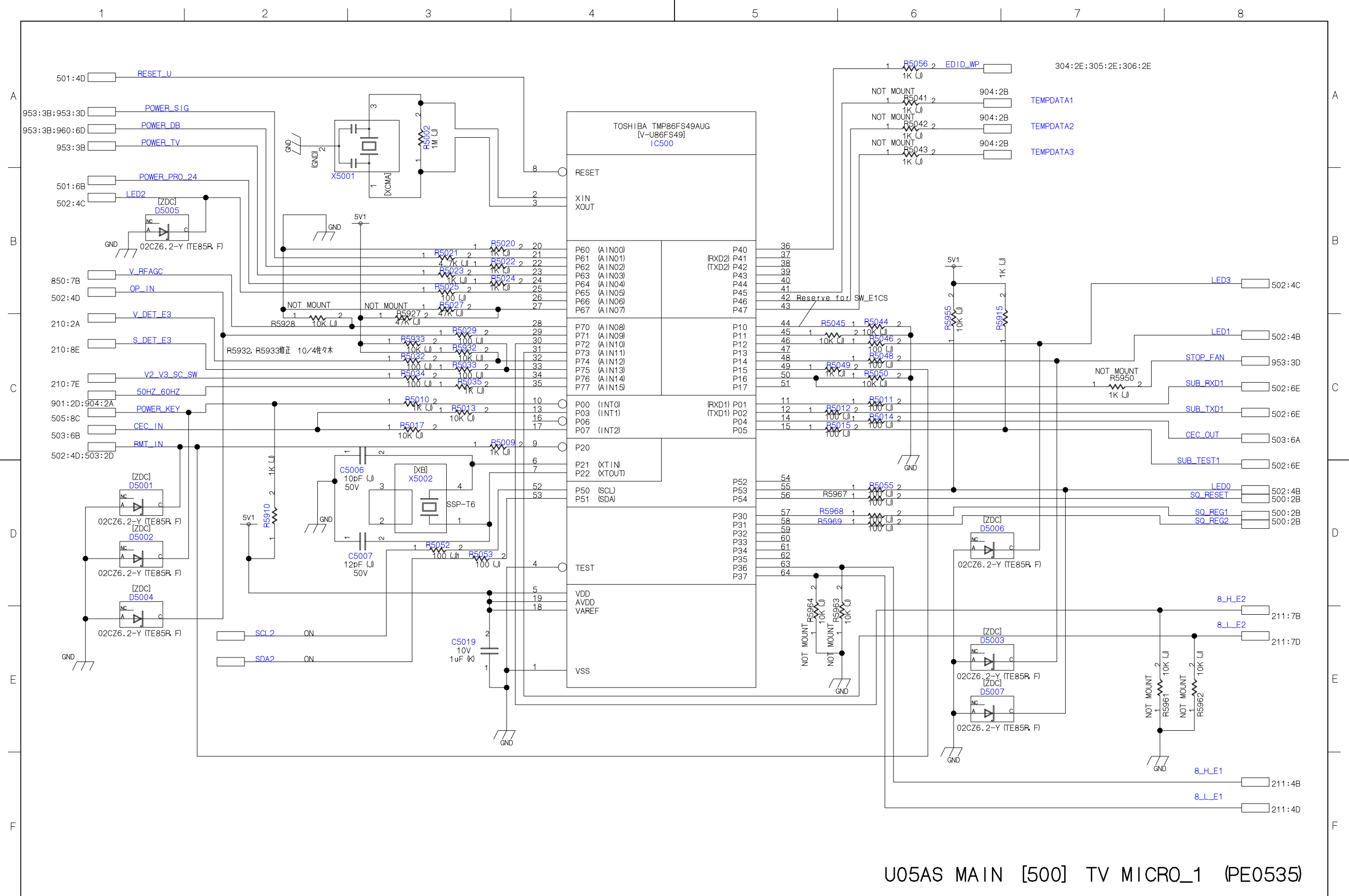


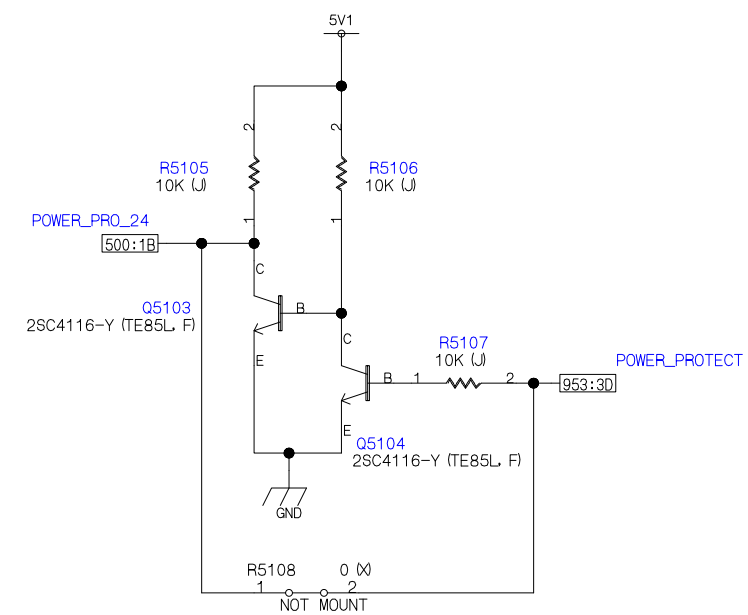




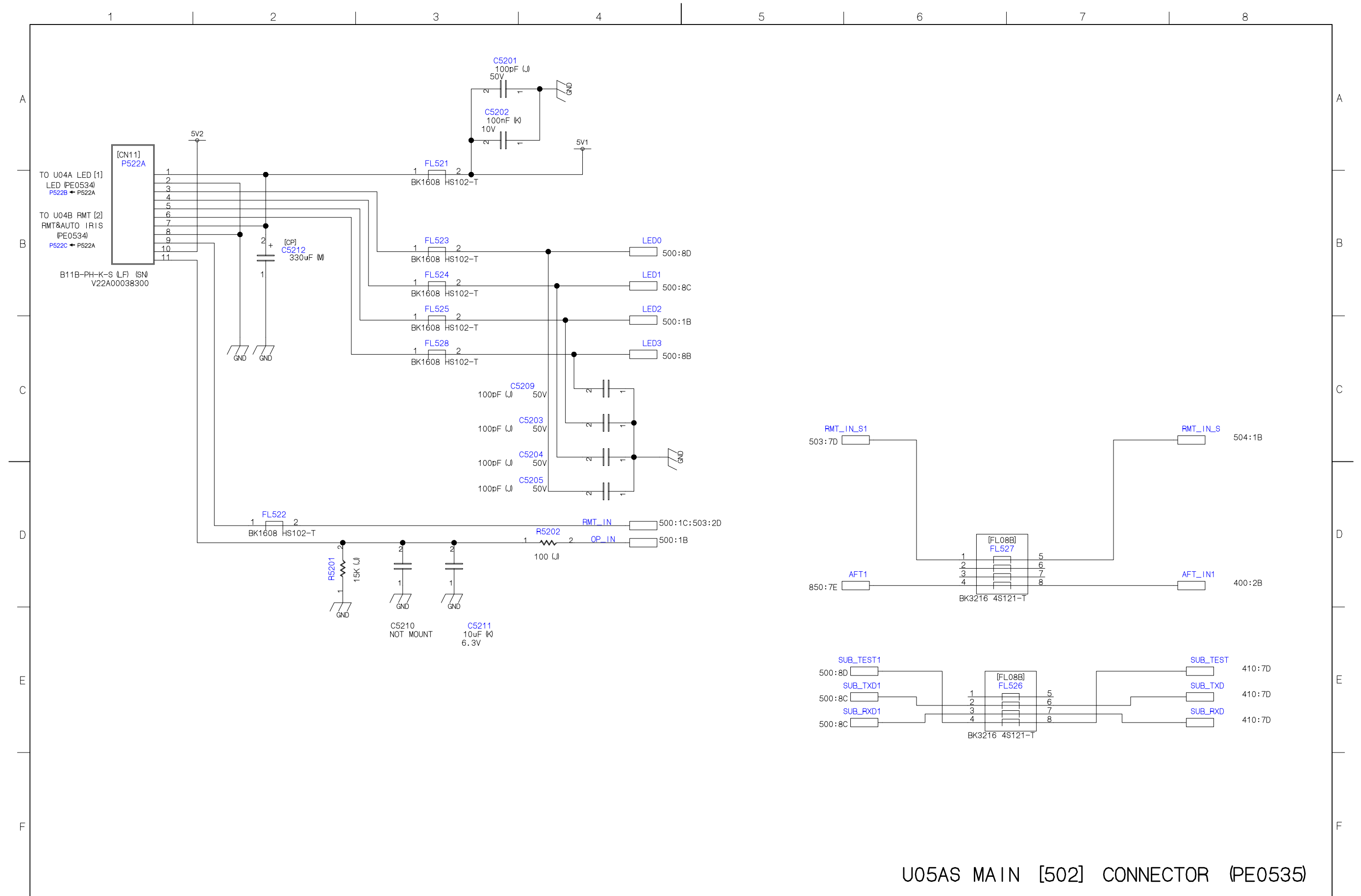


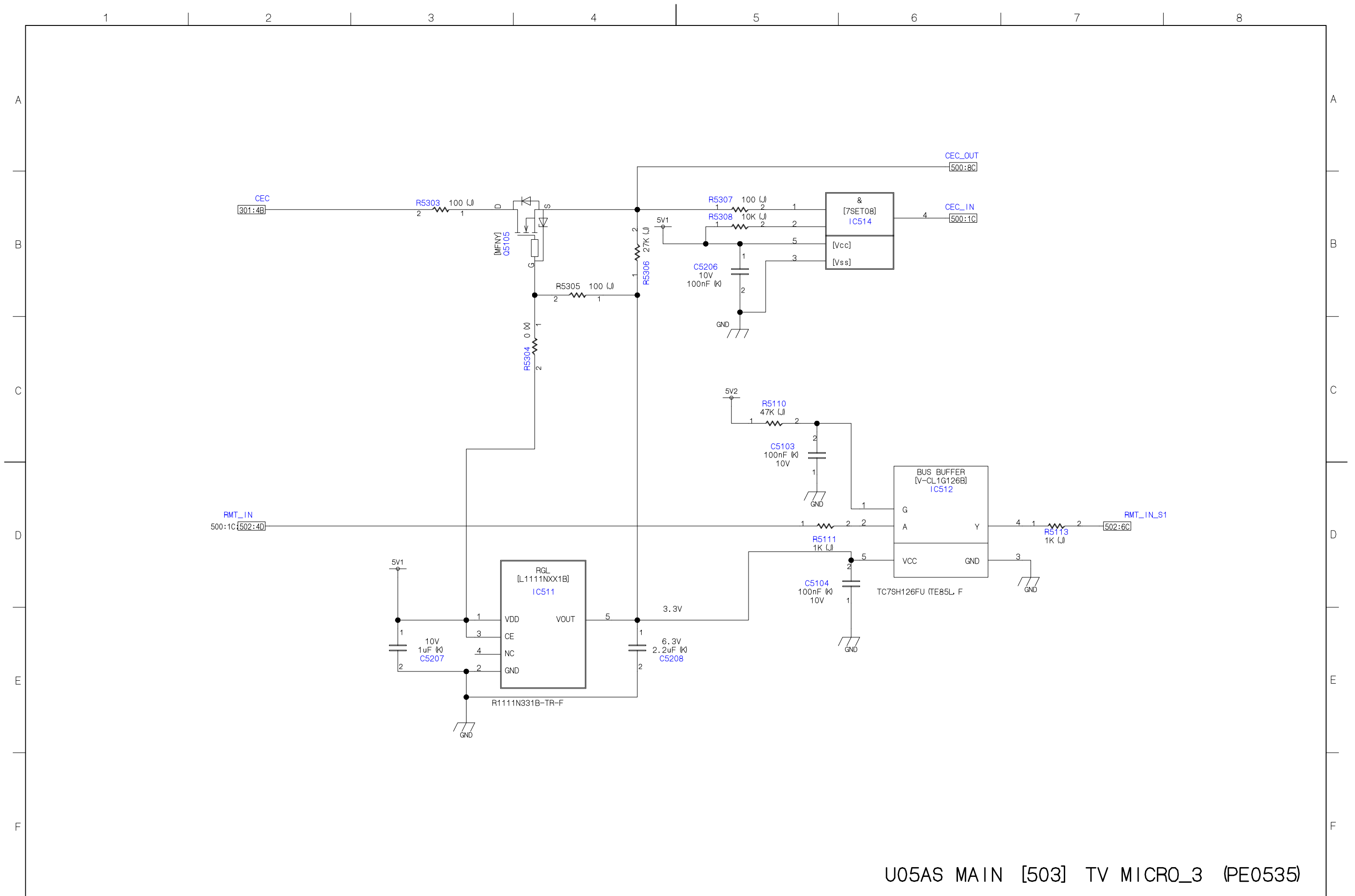


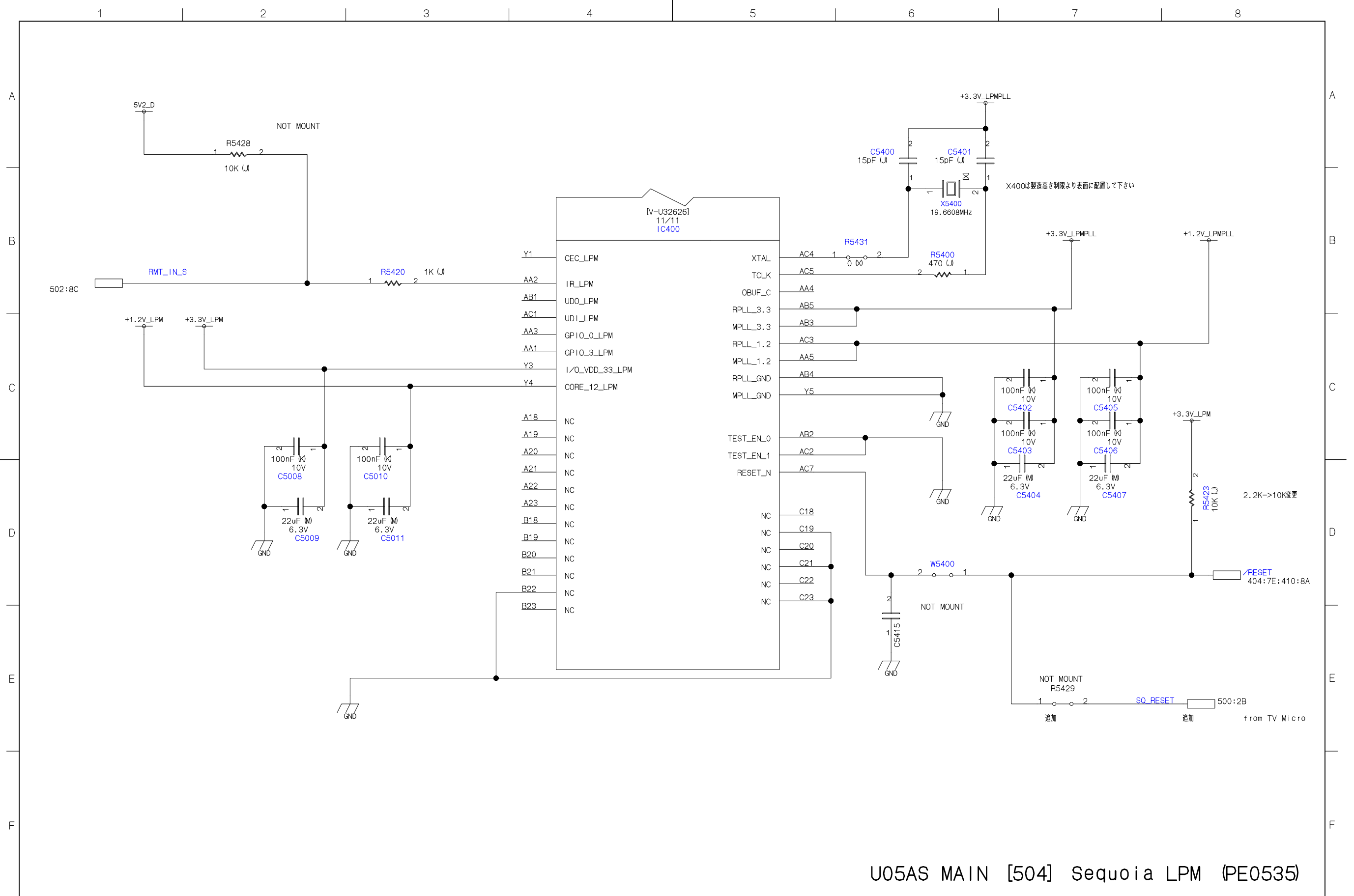


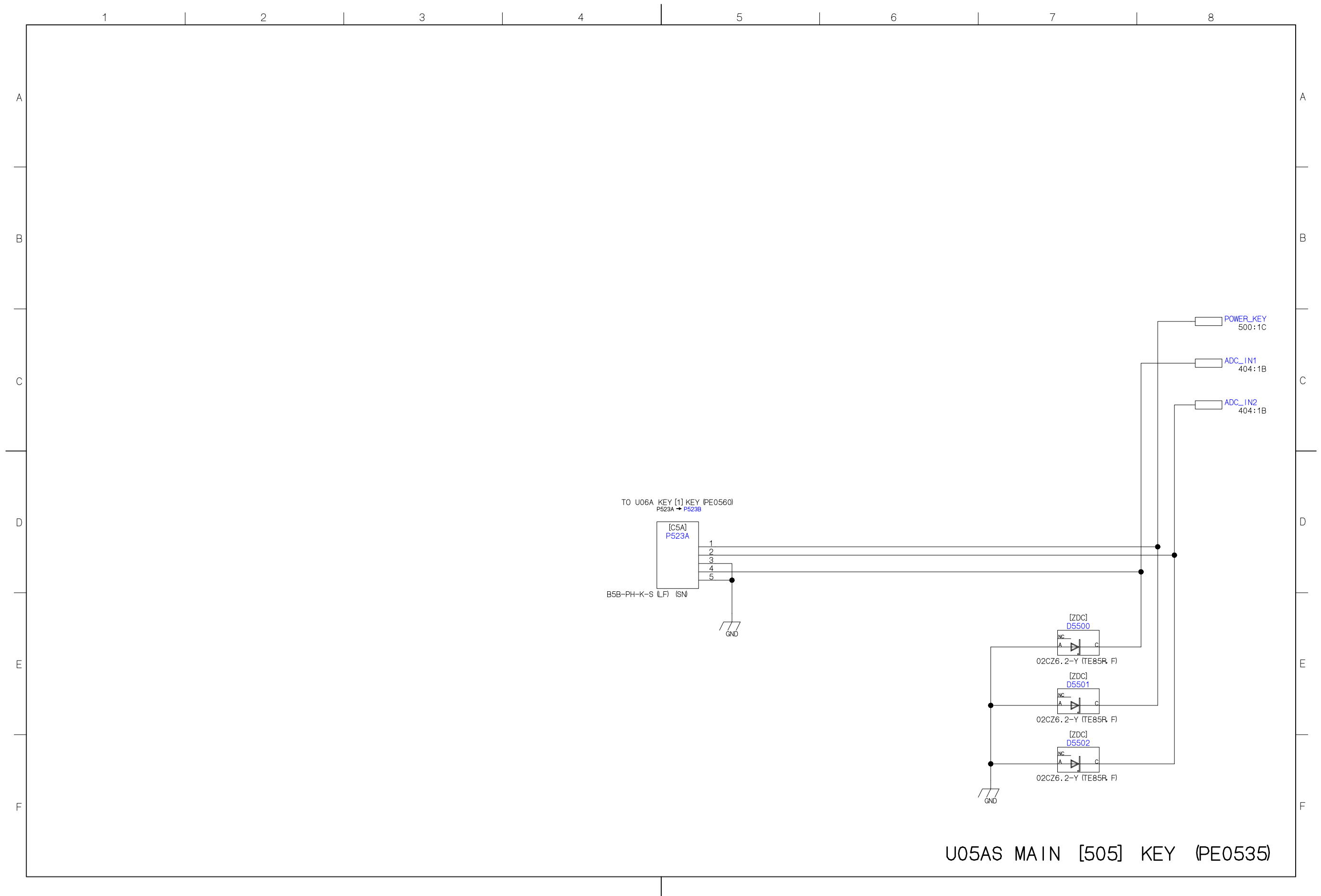


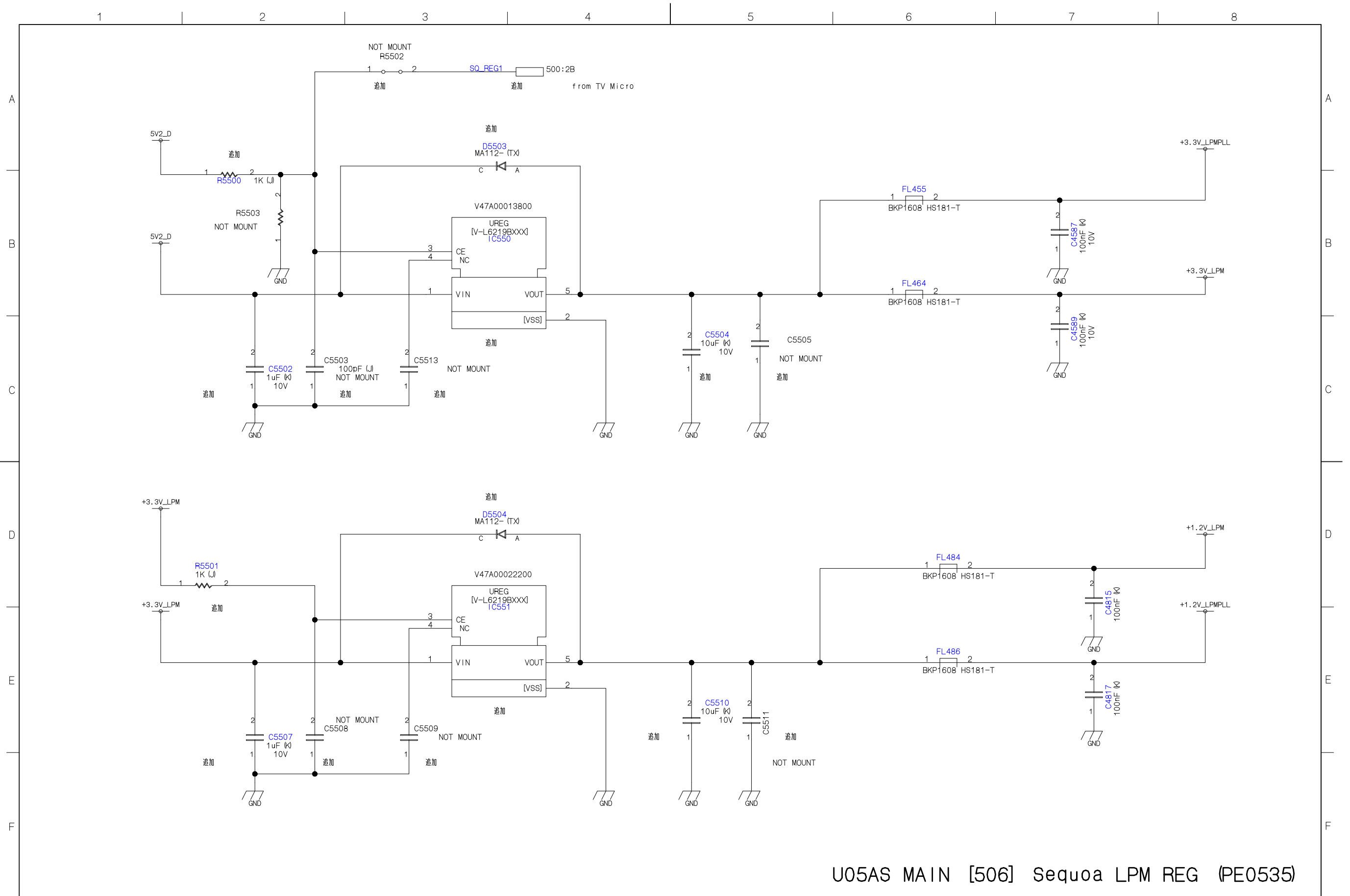
U05AS MAIN [501] TV MICRO_2 (PE0535)

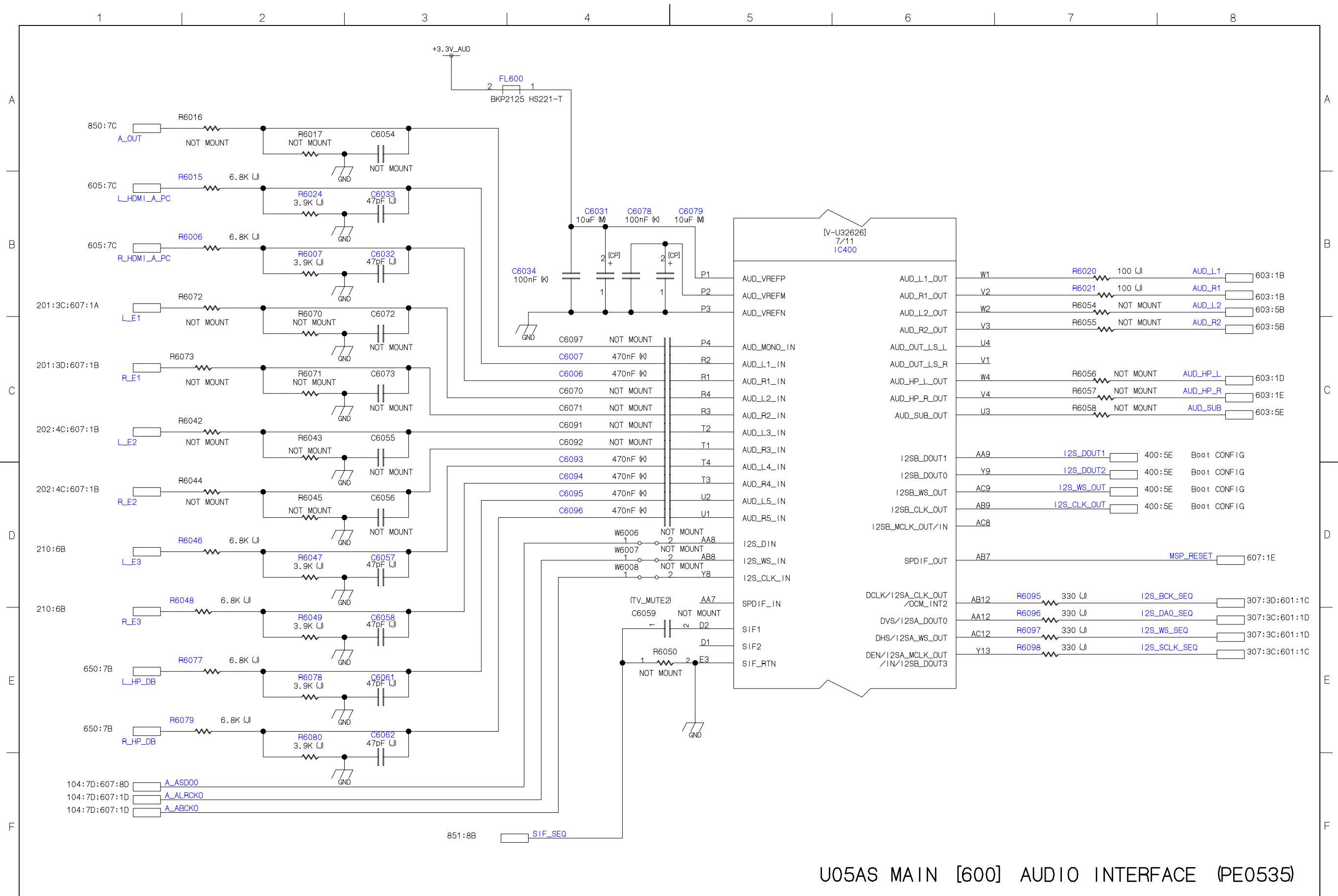


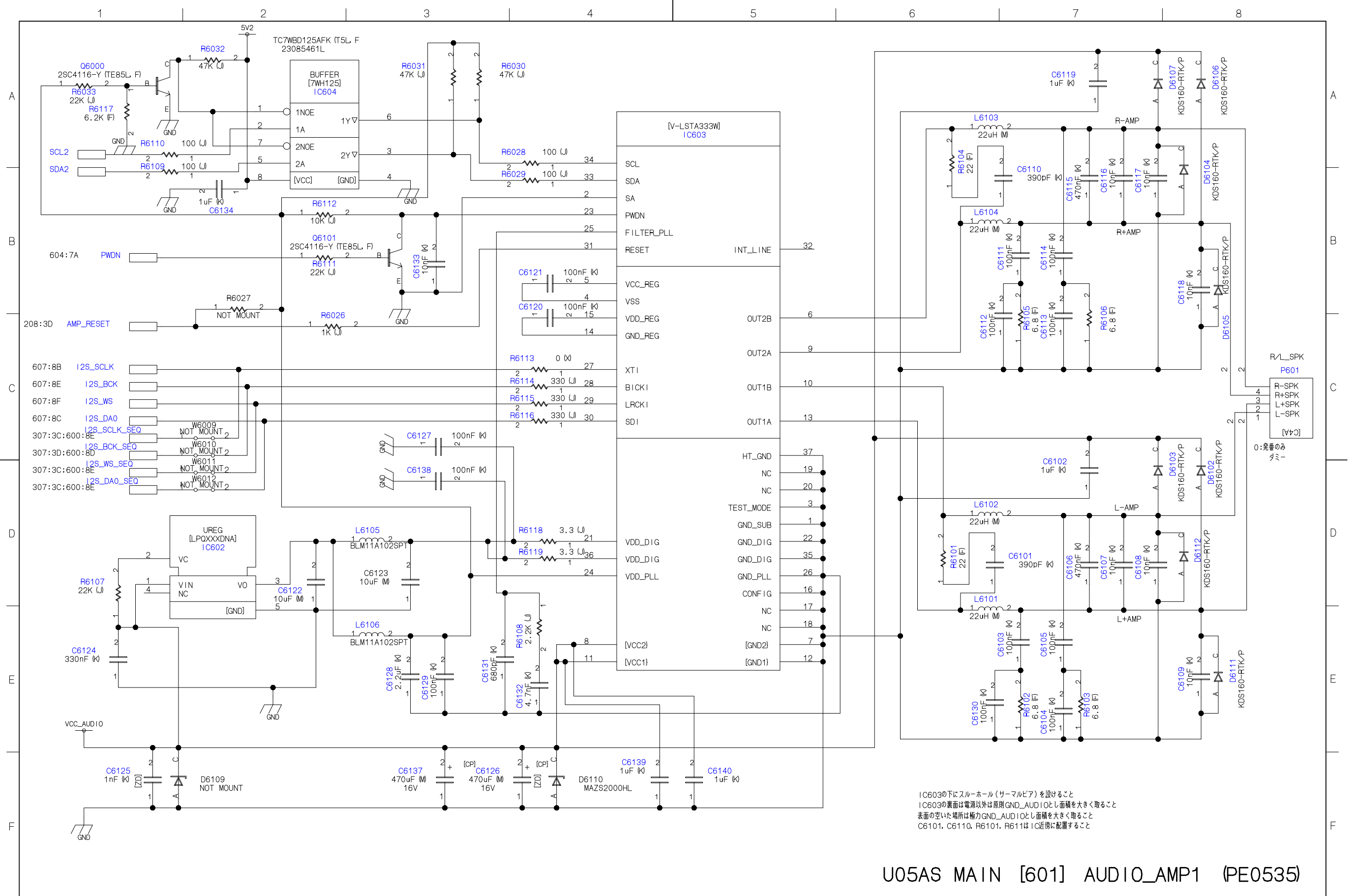












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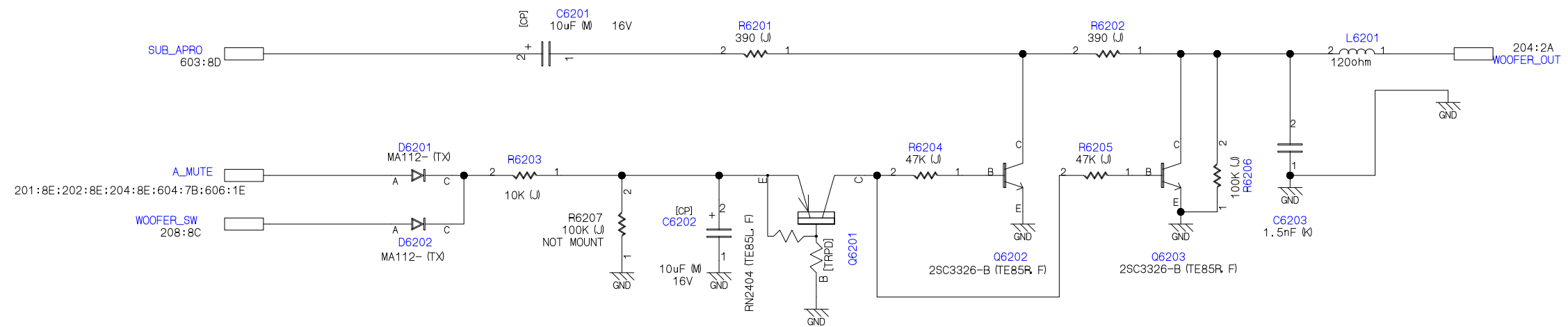
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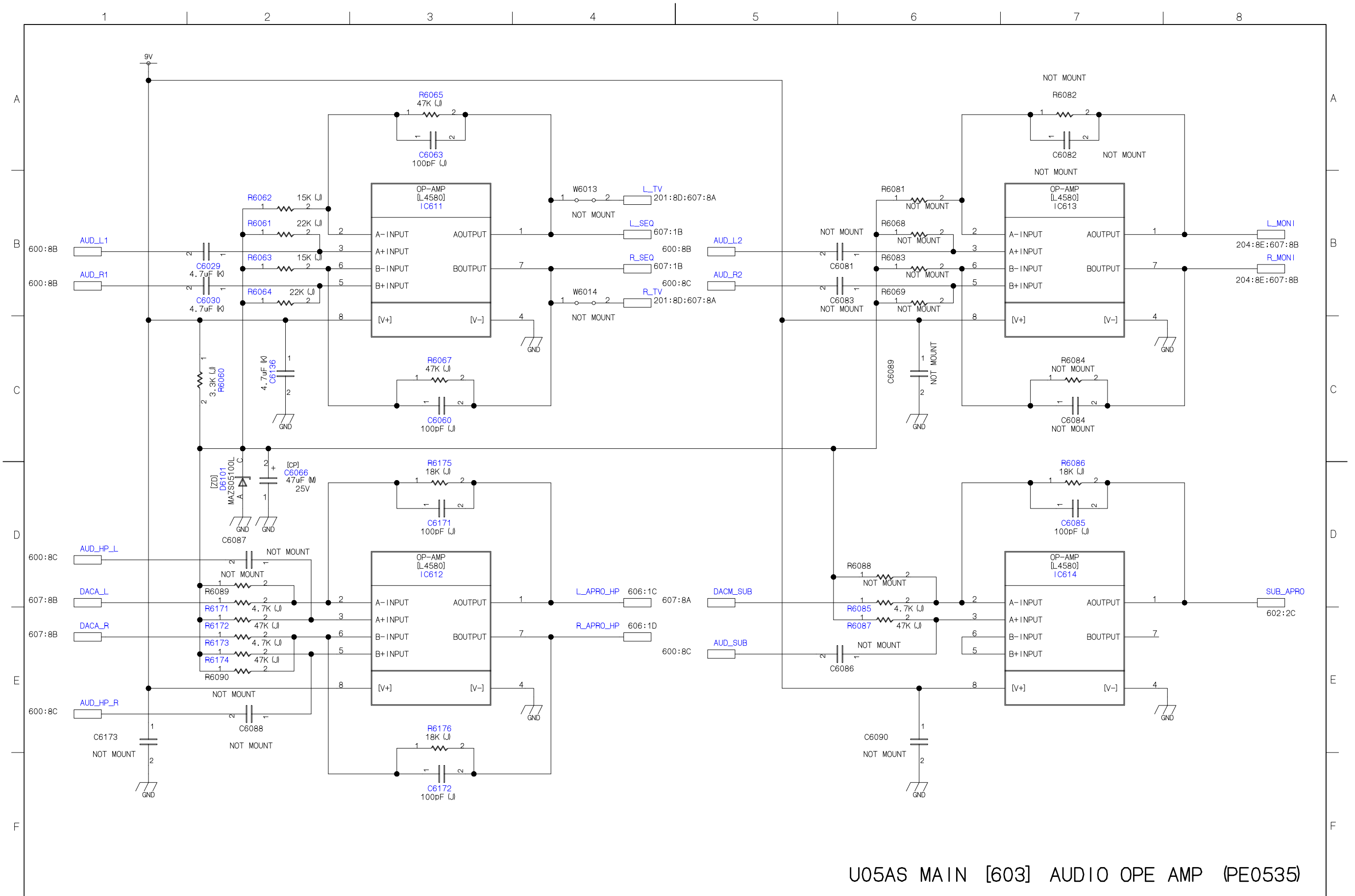
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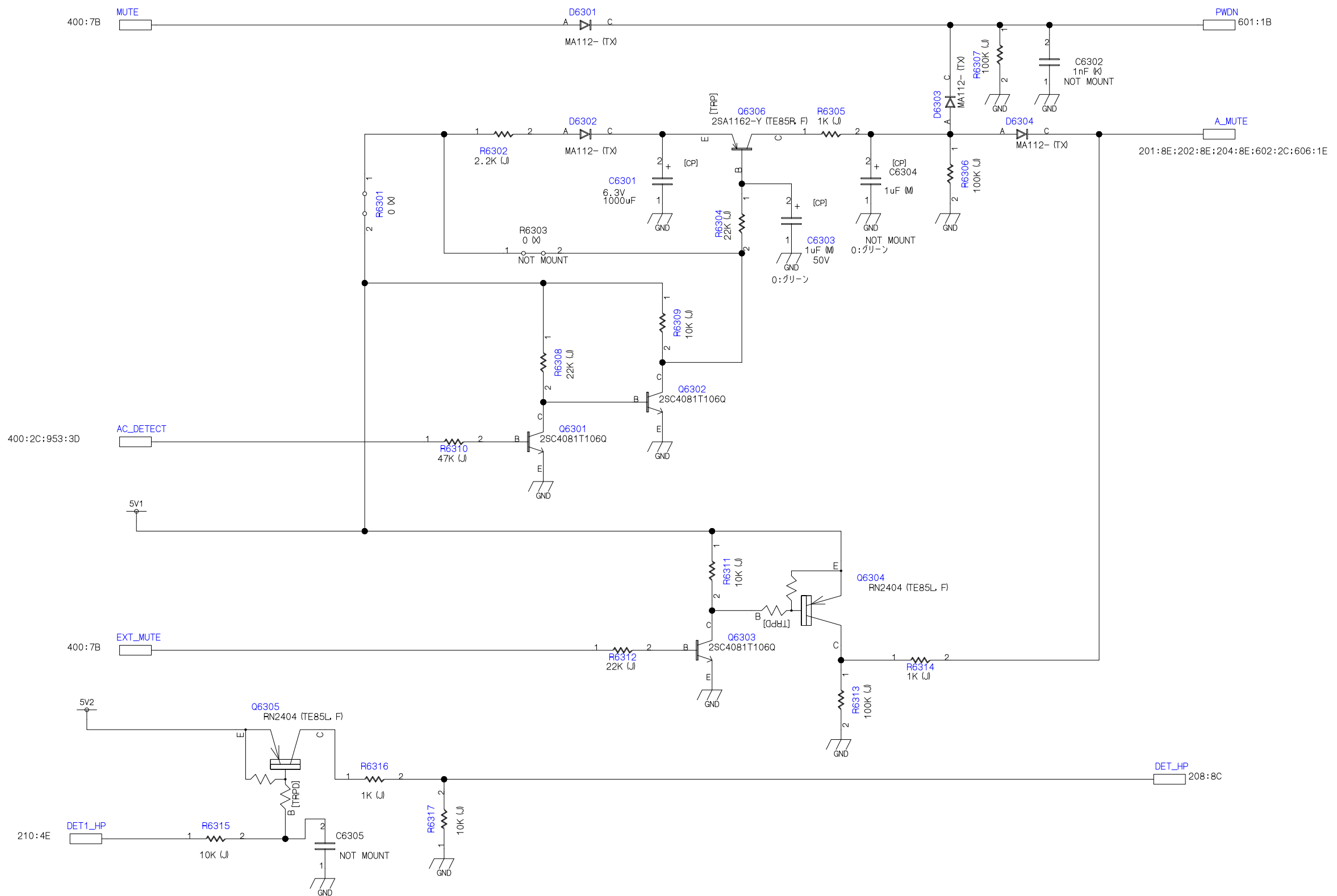
U05AS MAIN [602] WOOFER-OUT (PE0535)



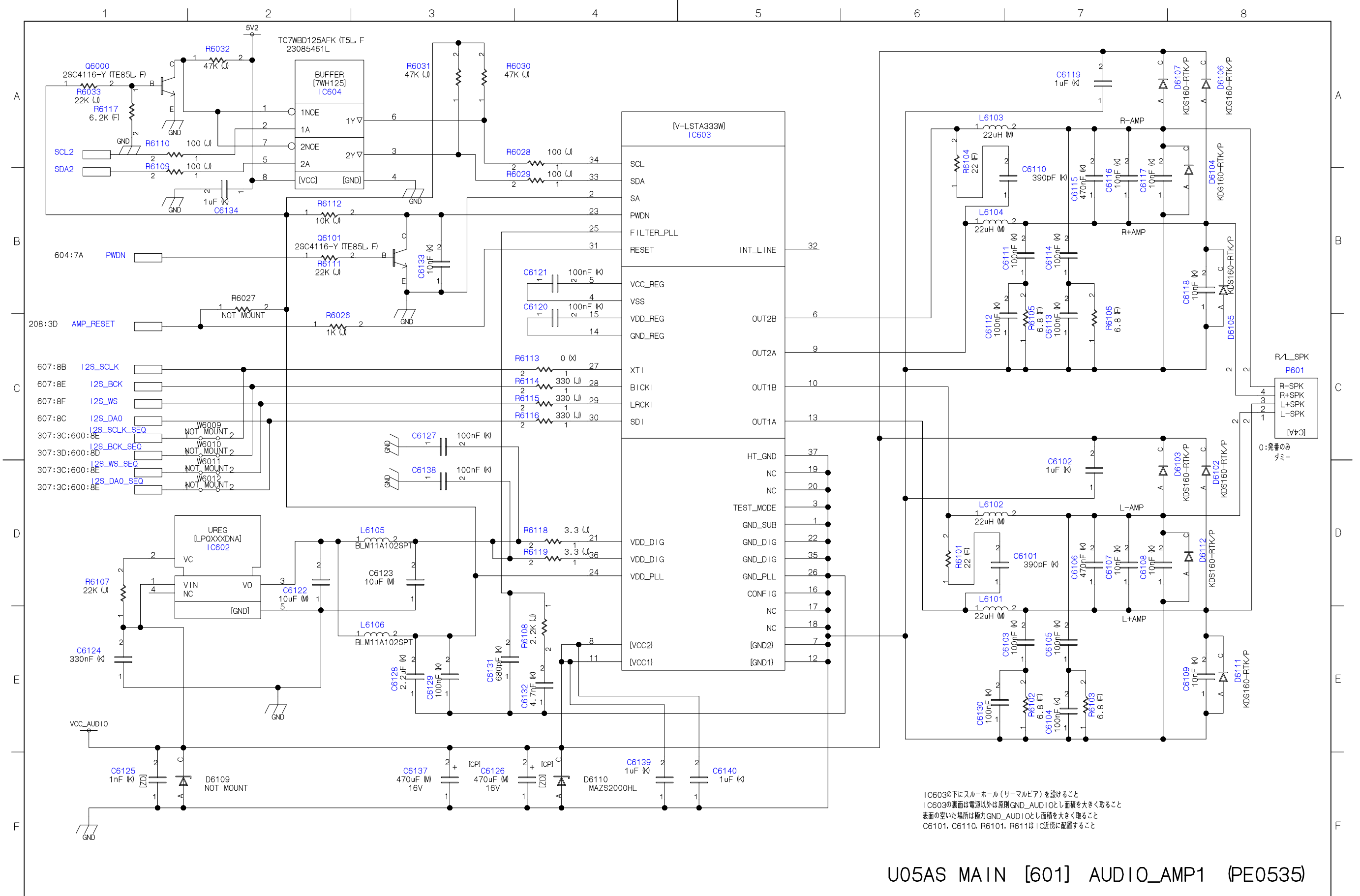
1 2 3 4 5 6 7 8

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U05AS MAIN [604] AUDIO_MUTE (PE0535)



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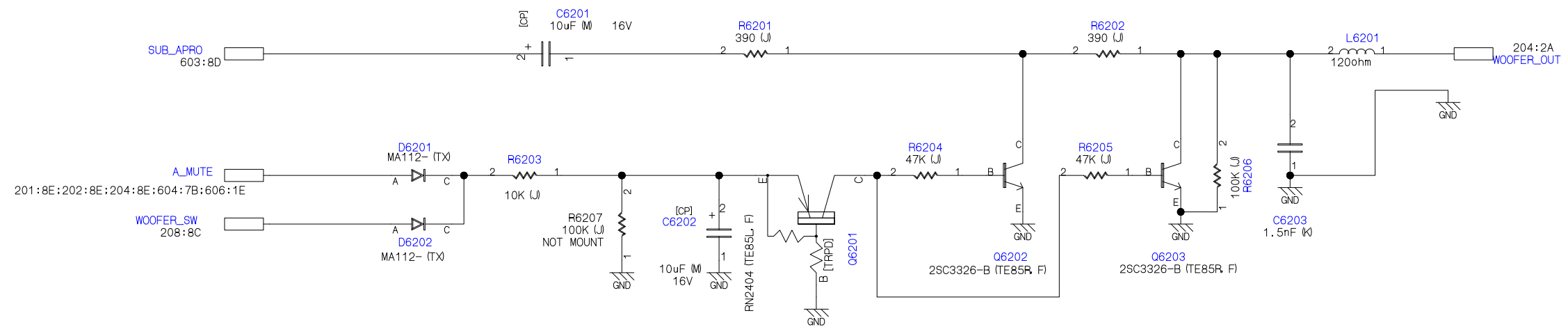
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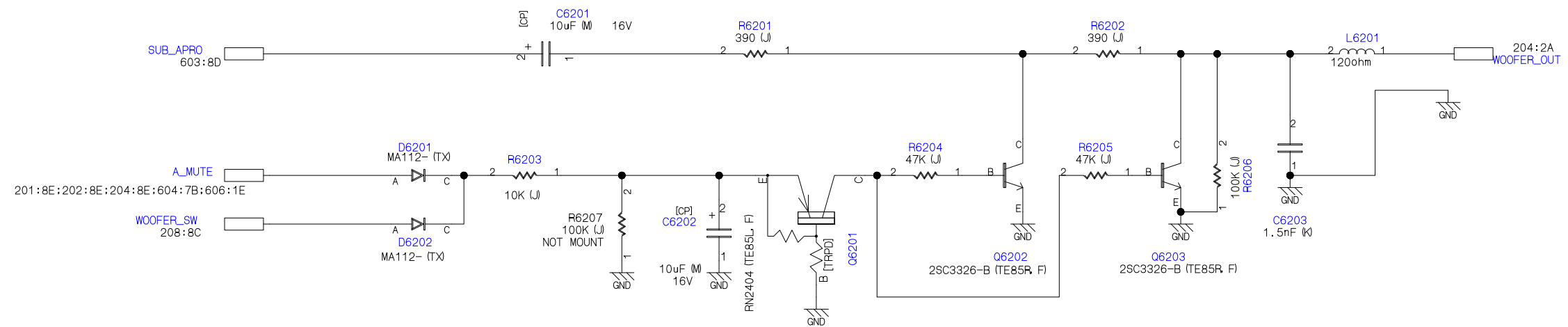
B

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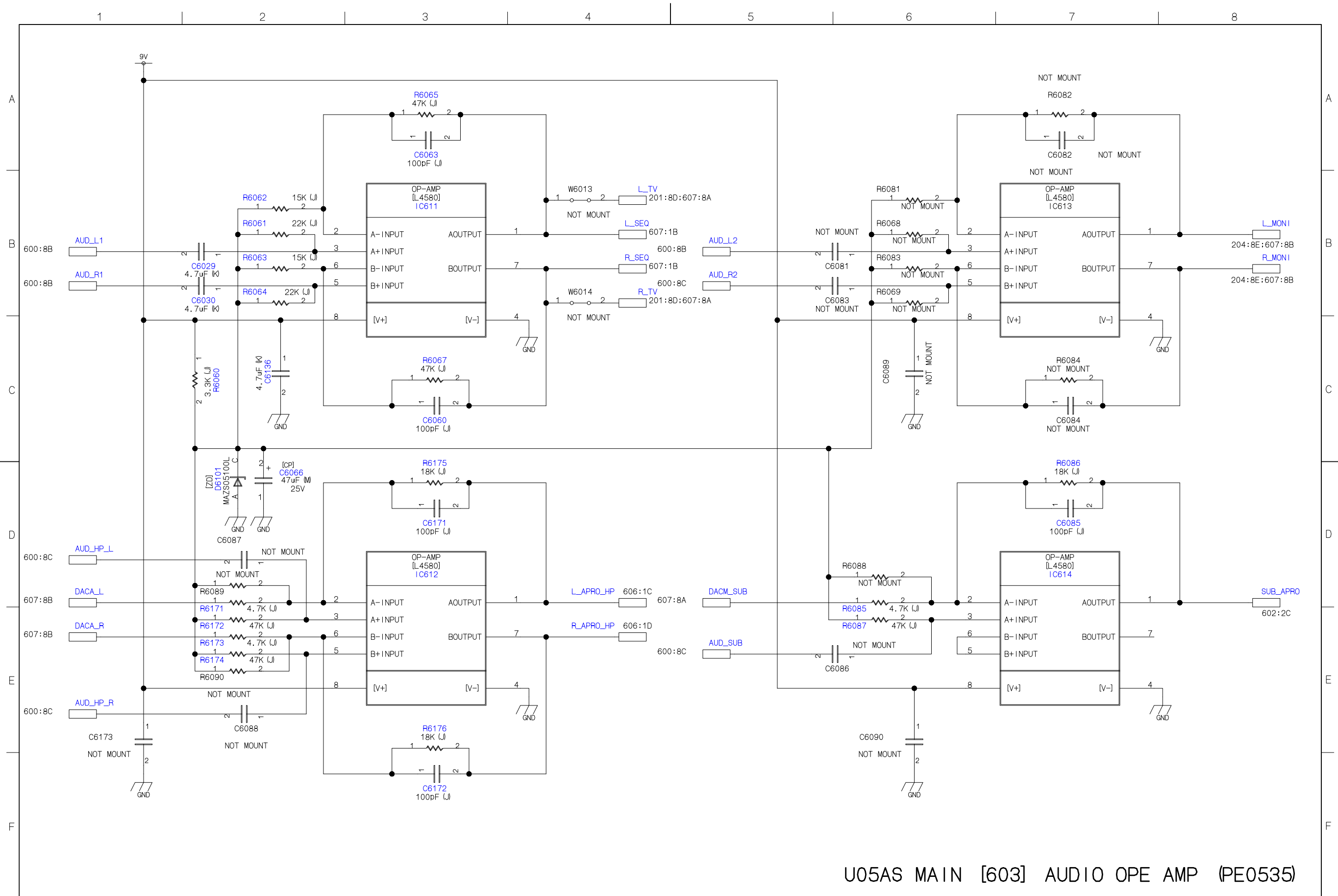
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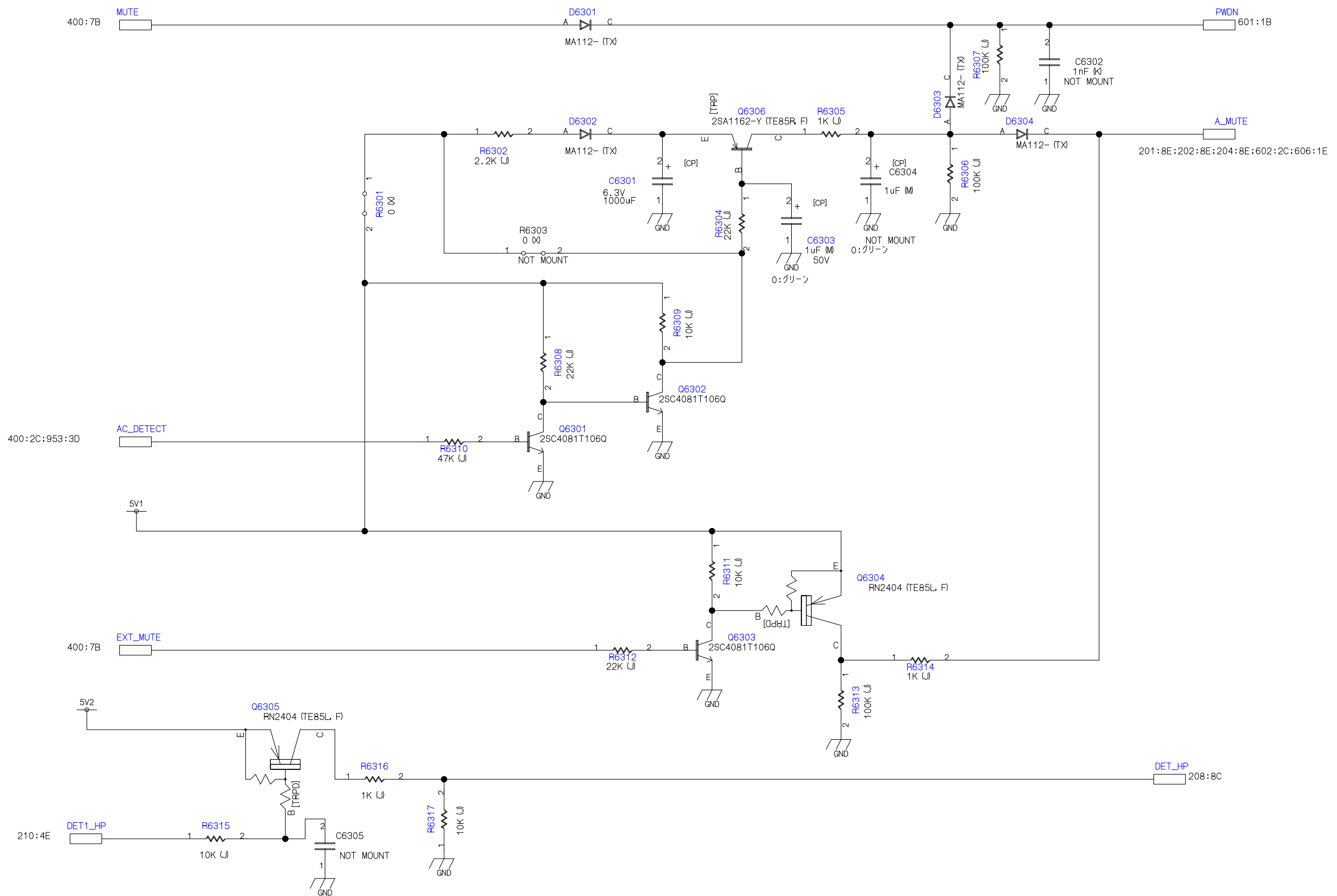
U05AS MAIN [602] WOOFER-OUT (PE0535)



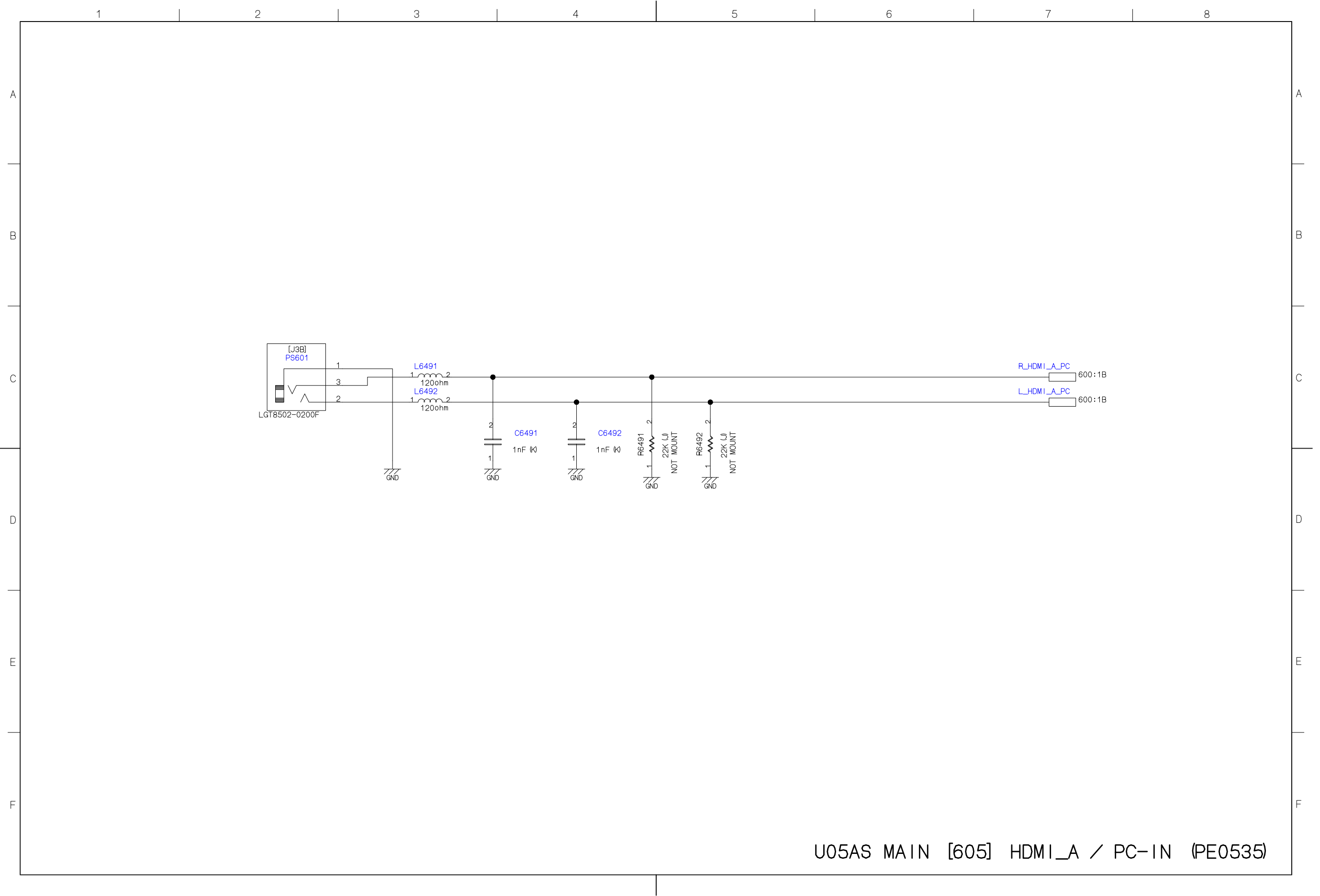
1 2 3 4 5 6 7 8

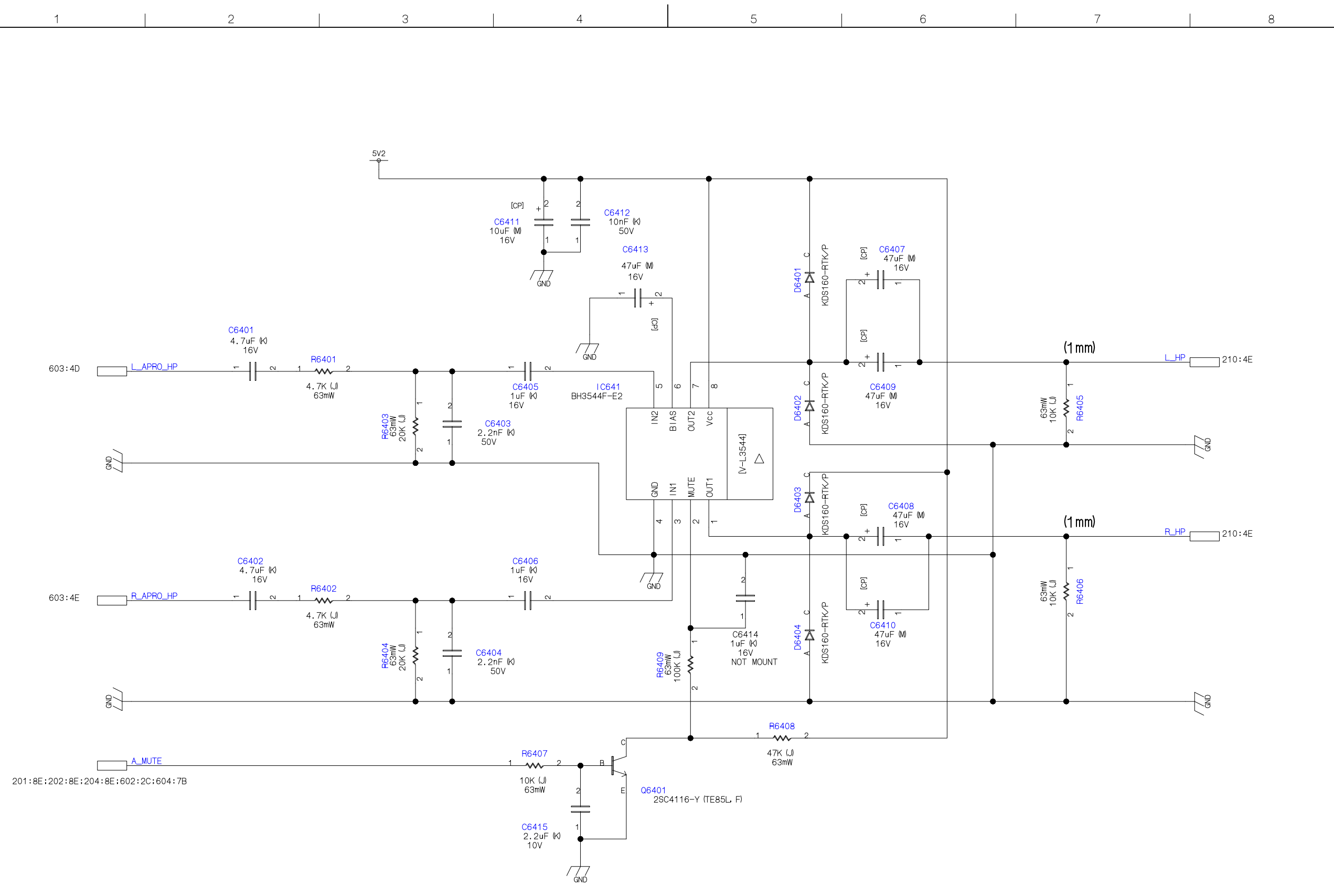
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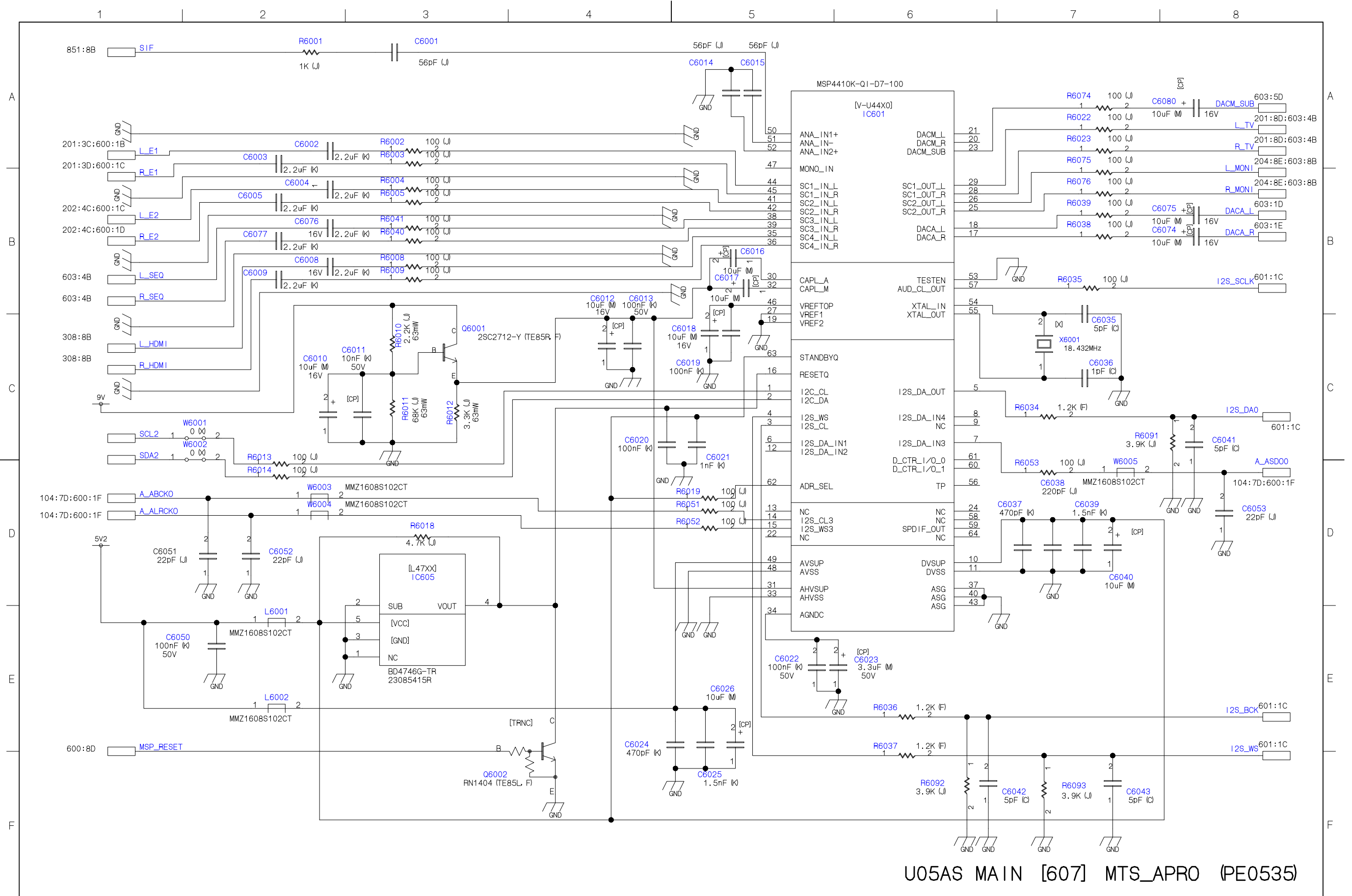


U05AS MAIN [604] AUDIO_MUTE (PE0535)





U05AS MAIN [606] HEADPHONE_AMP (PE0535)



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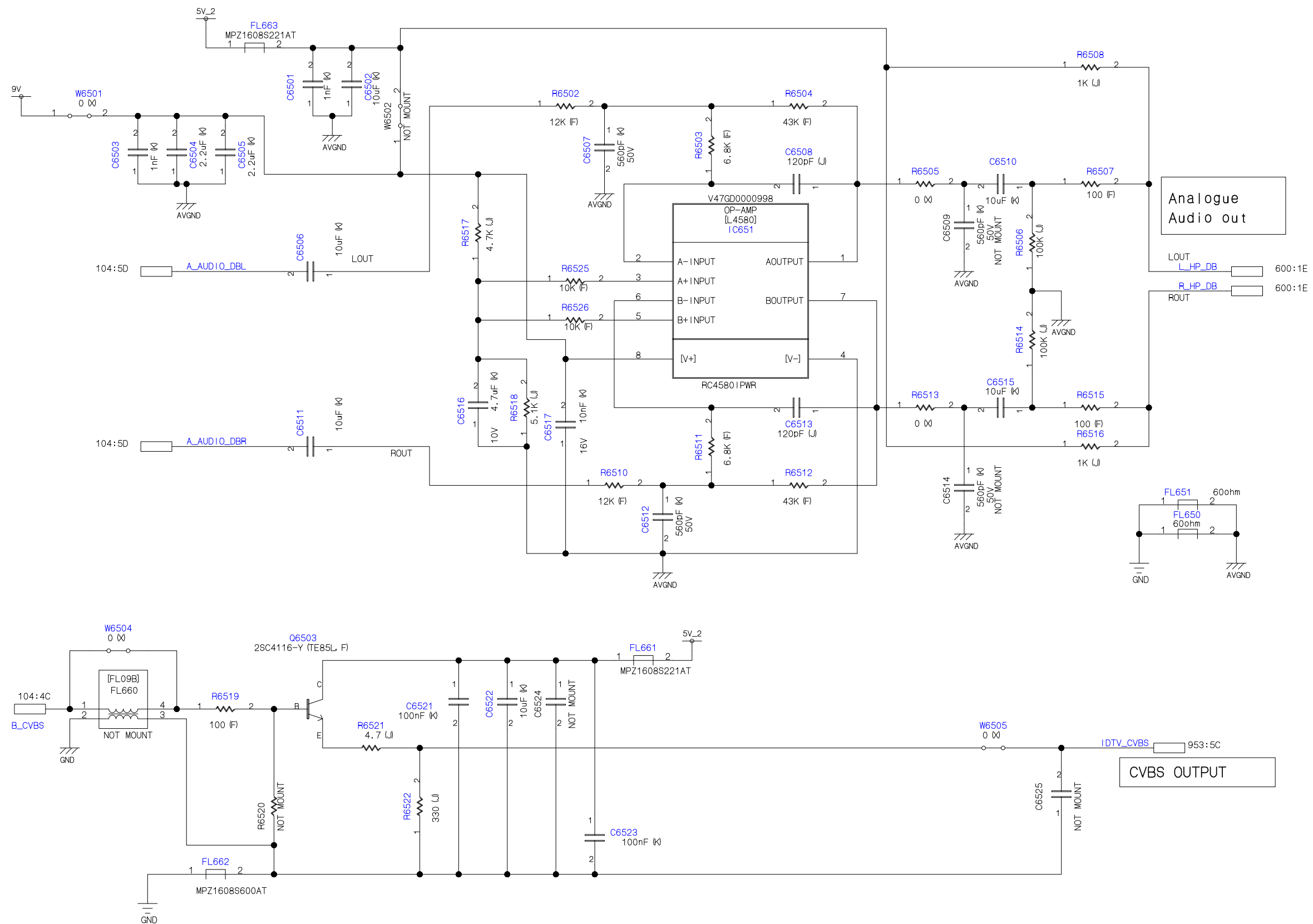
B

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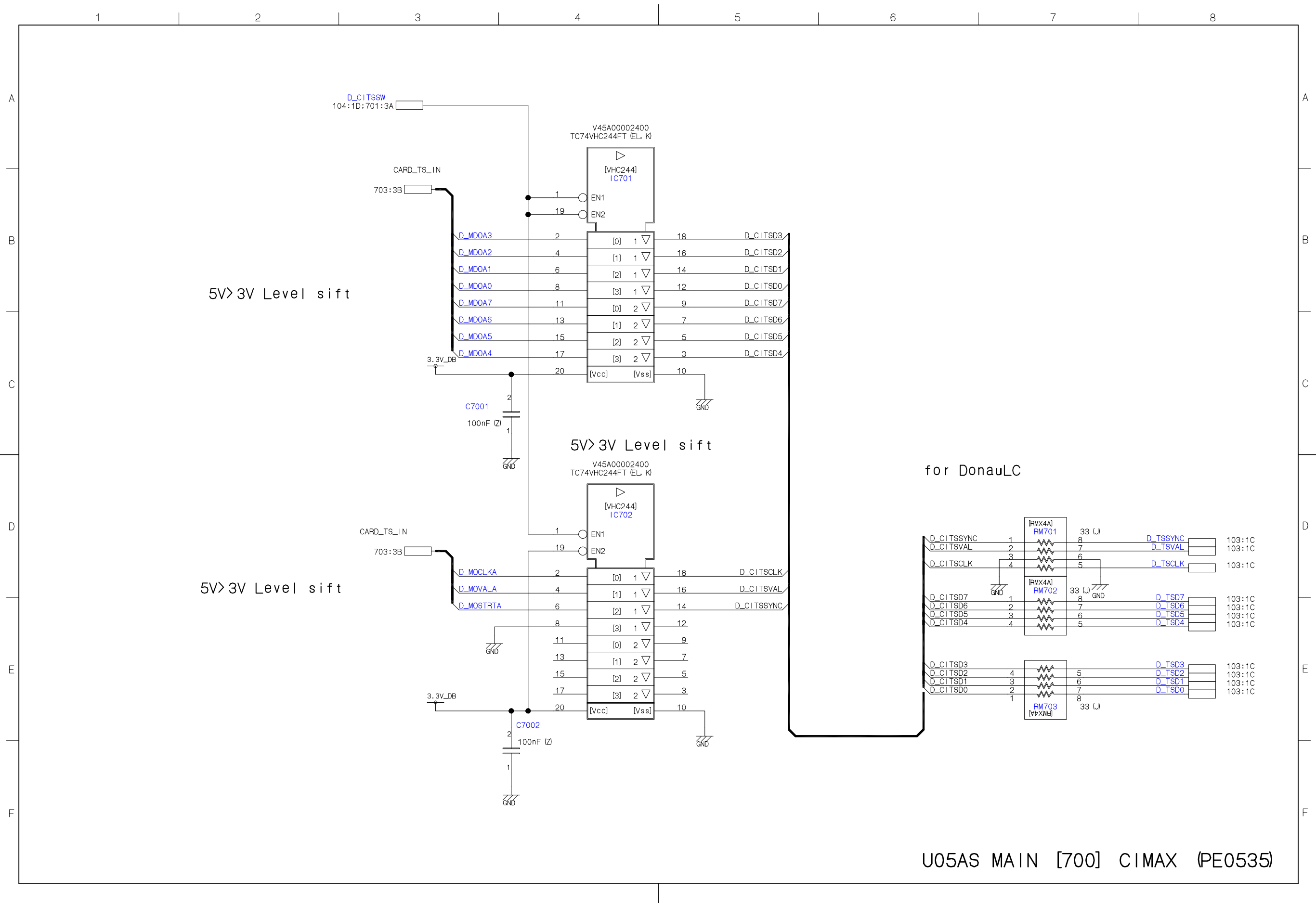
D

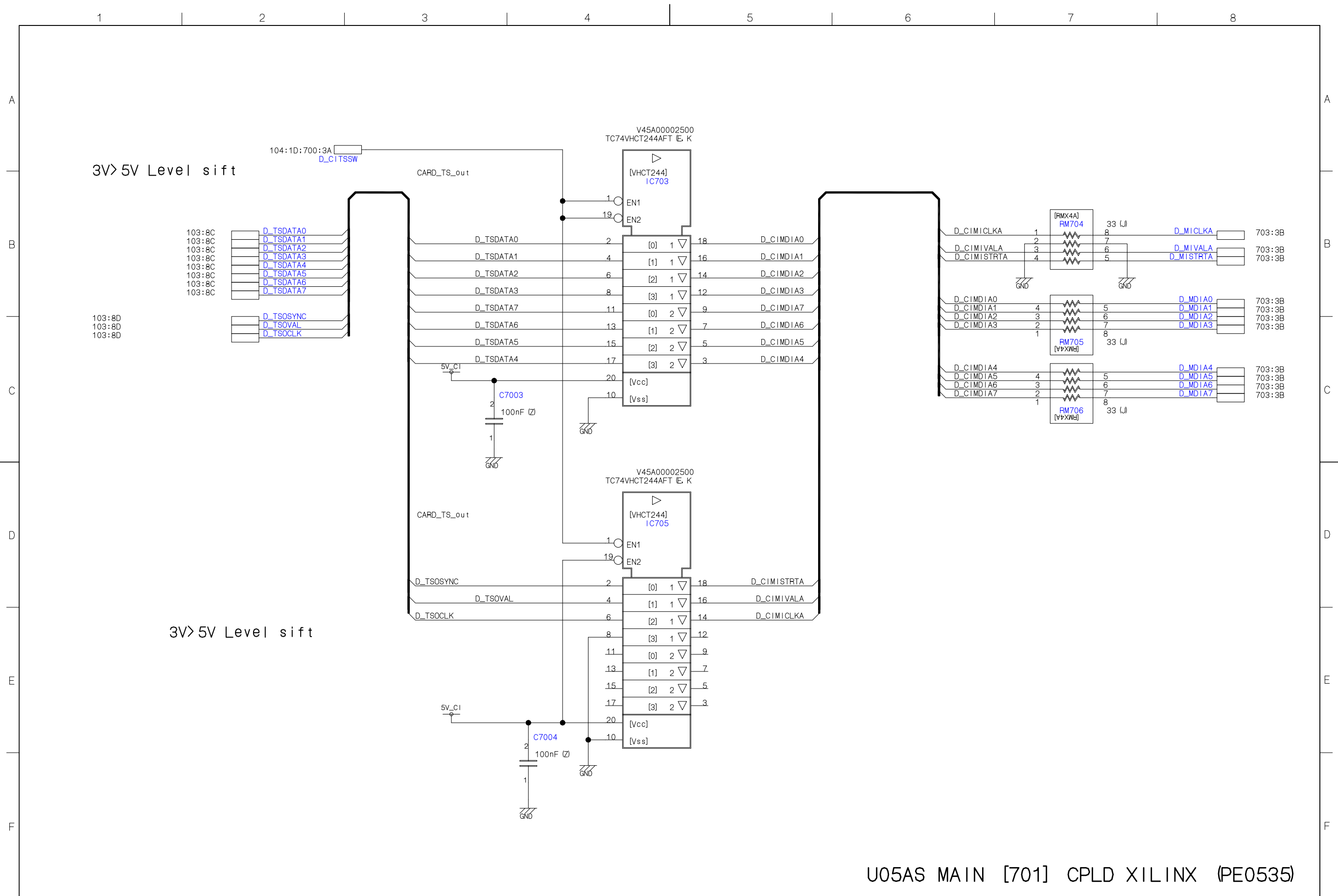
E

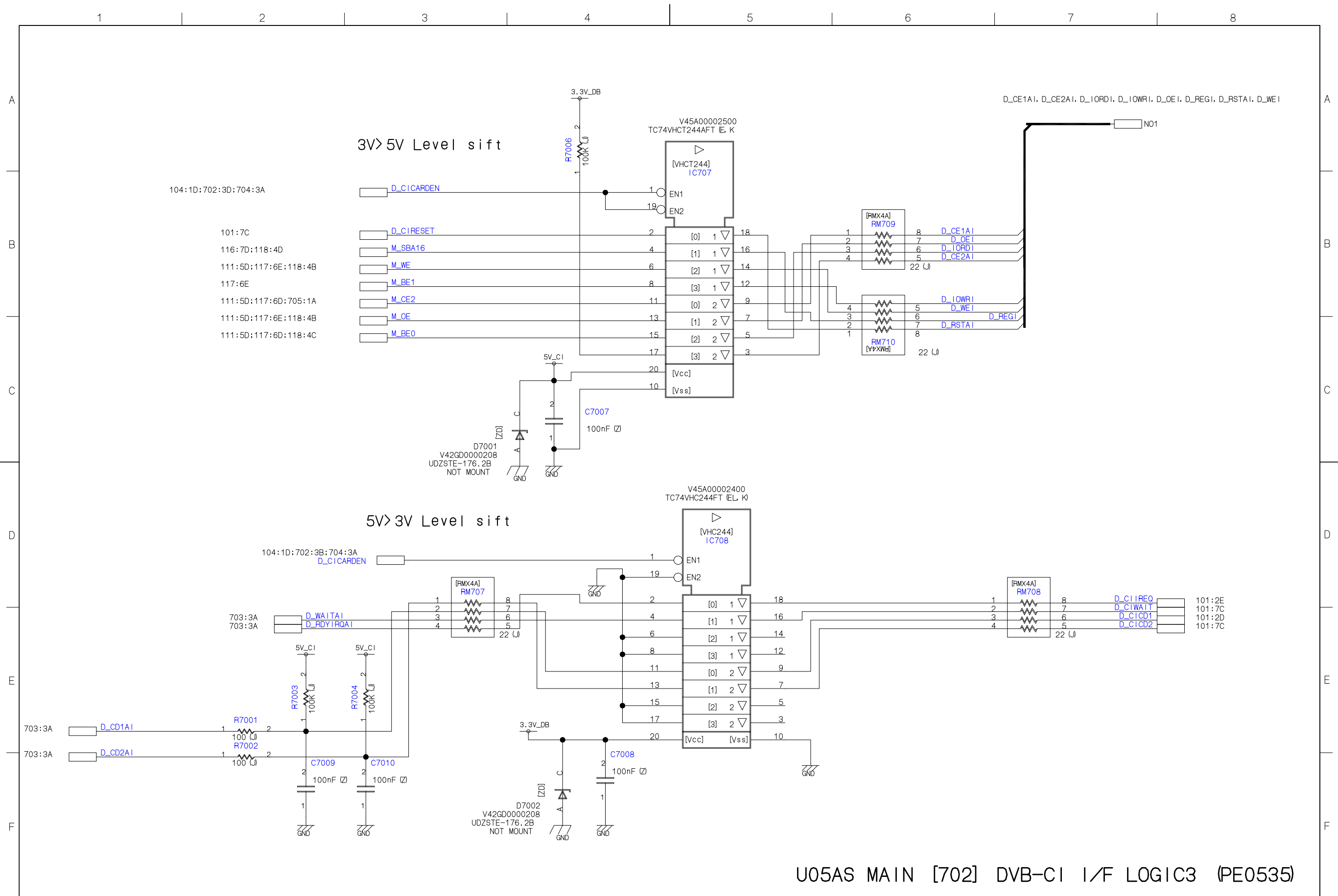
F

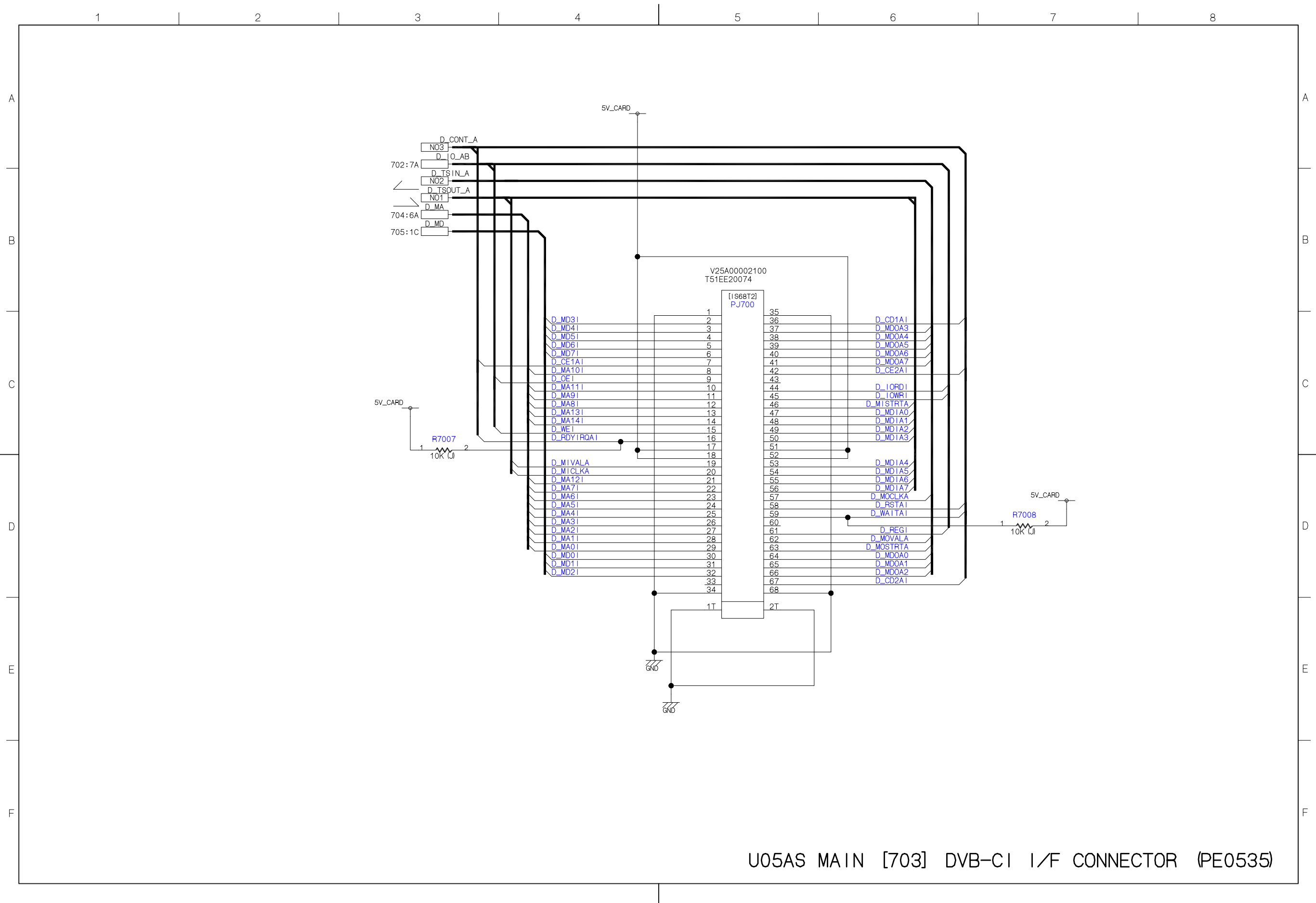


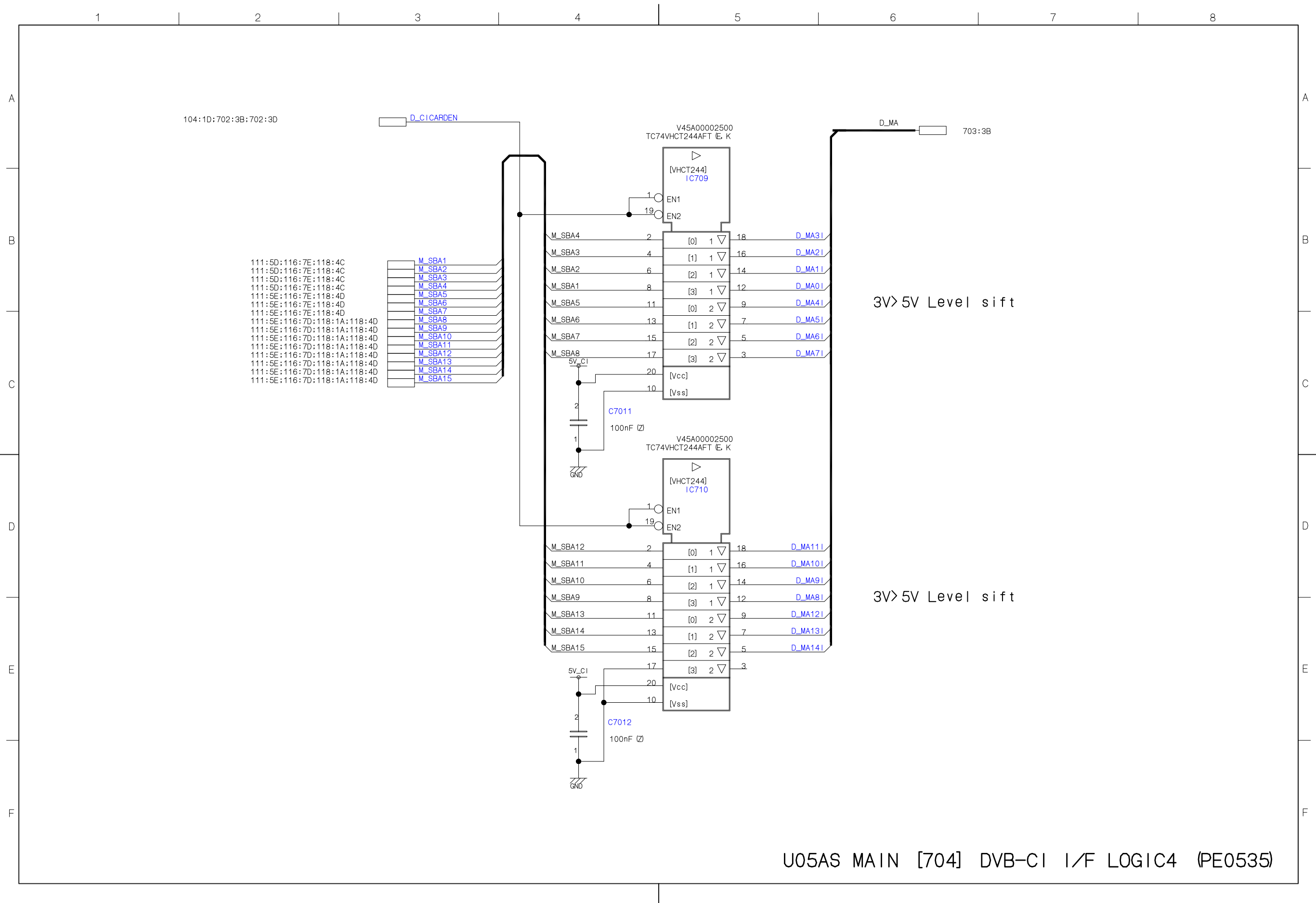
U05AS MAIN [650] DIGITAL CVBS (PE0535)

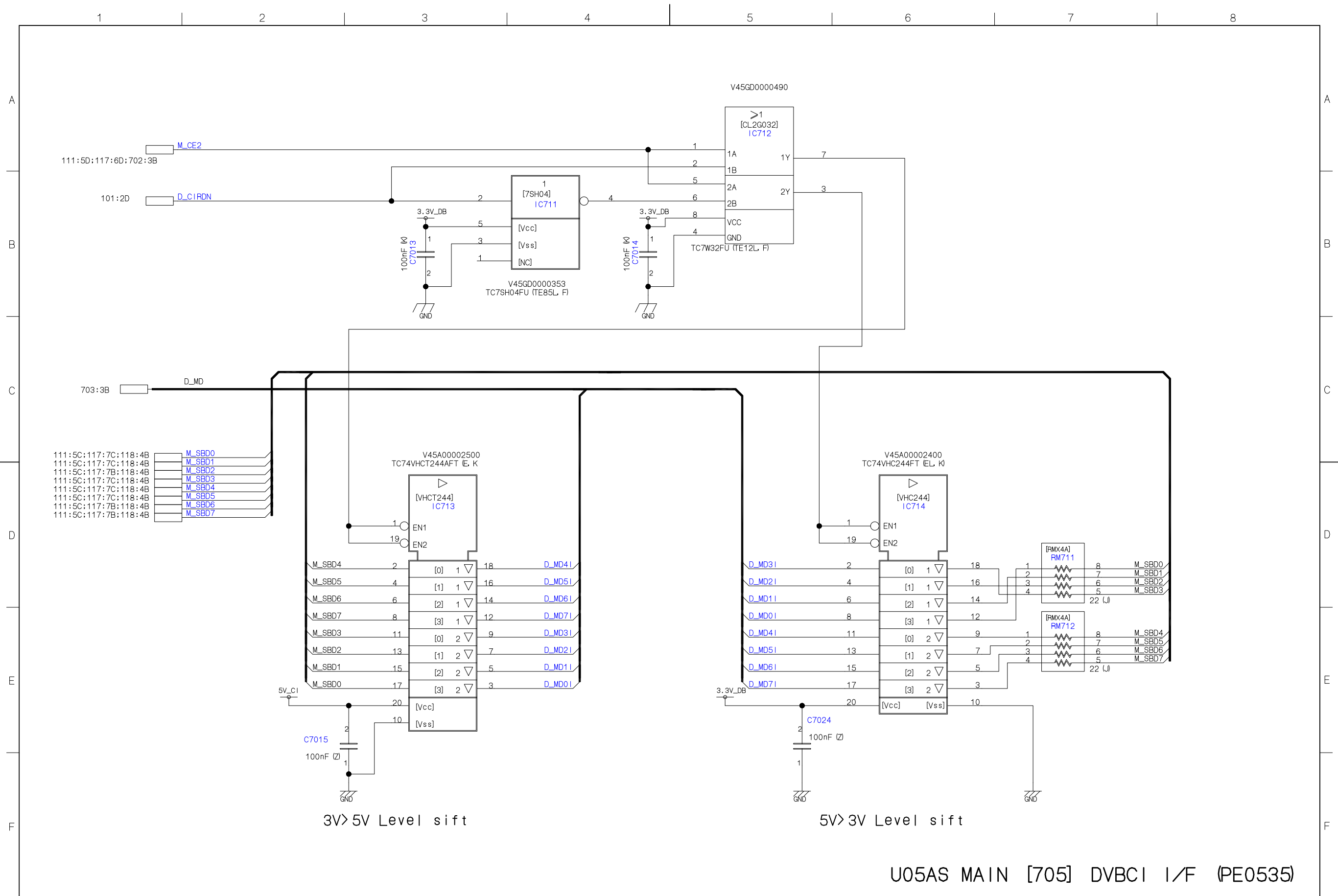


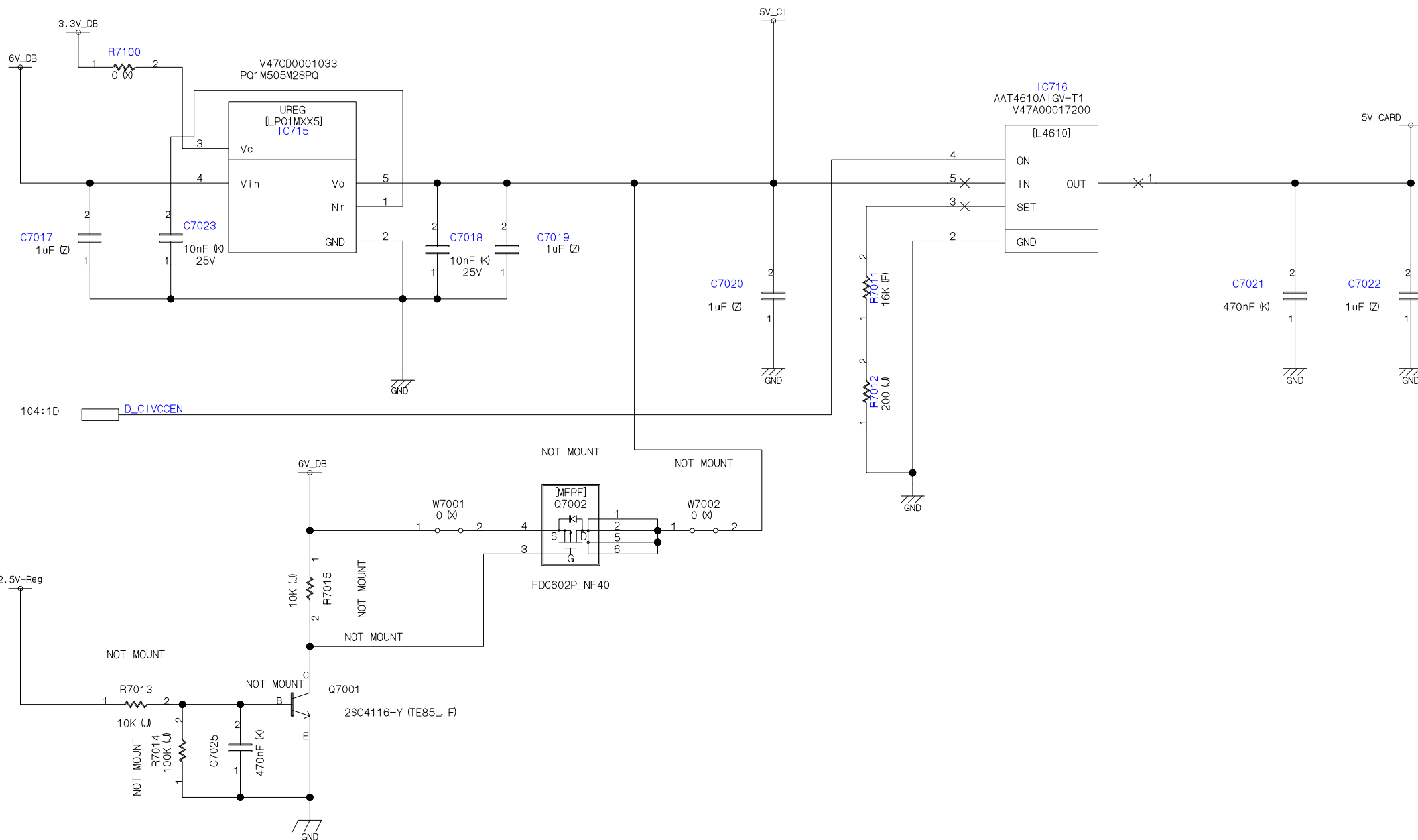




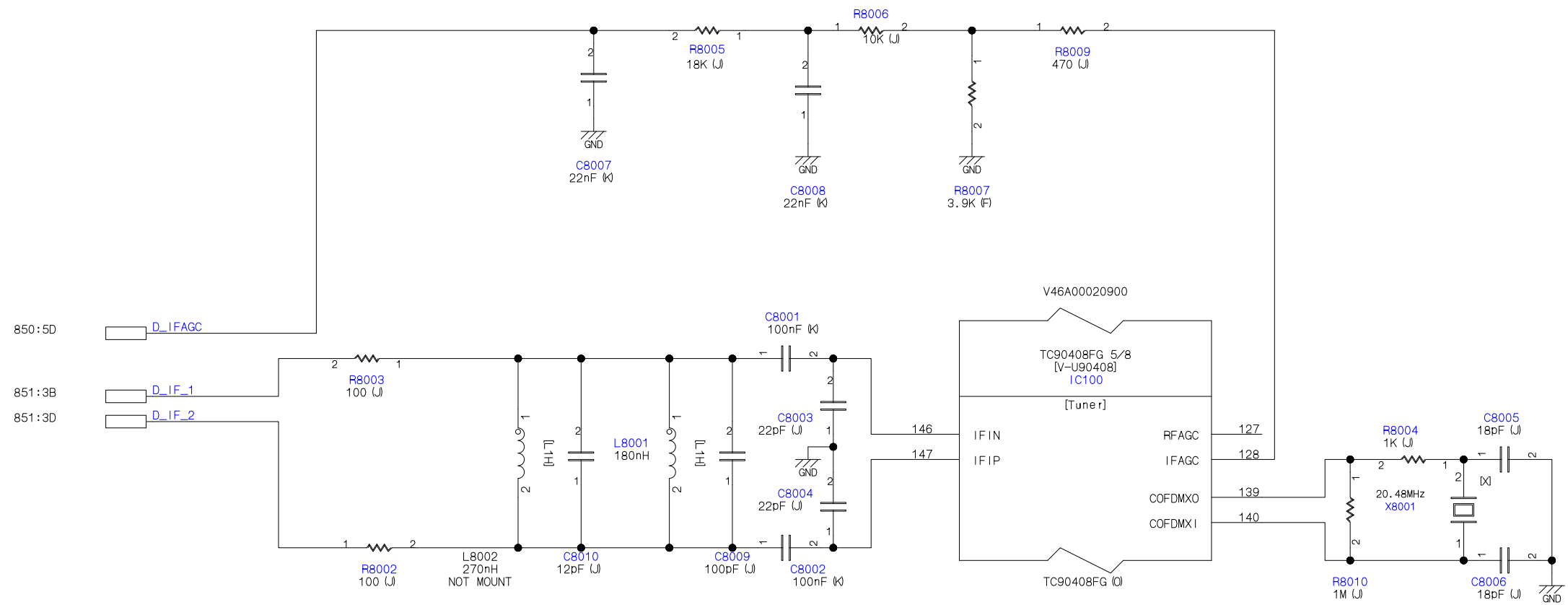




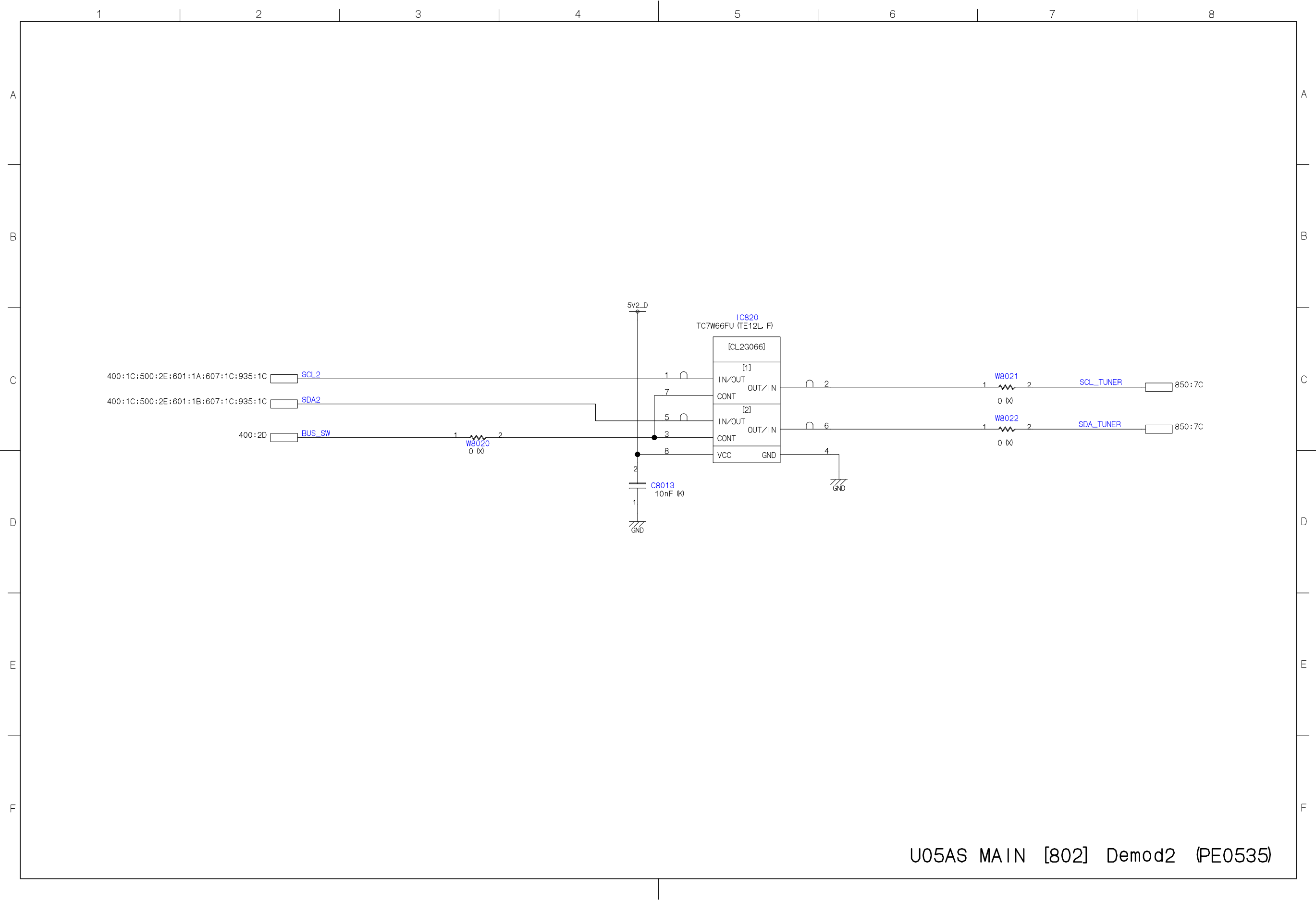


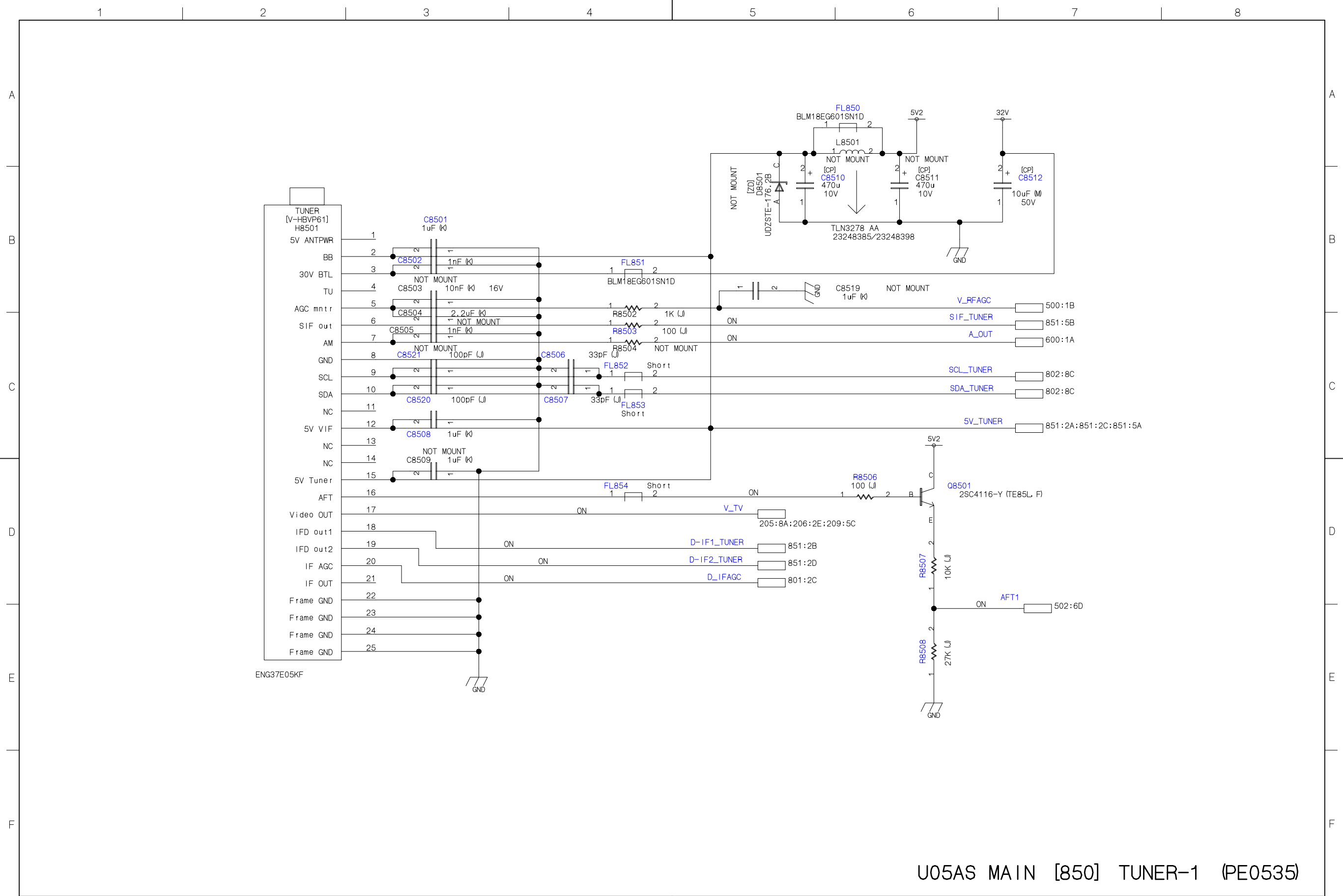


U05AS MAIN [706] DVB-CI I/F POWER (PE0535)



U05AS MAIN [801] Demod (PE0535)





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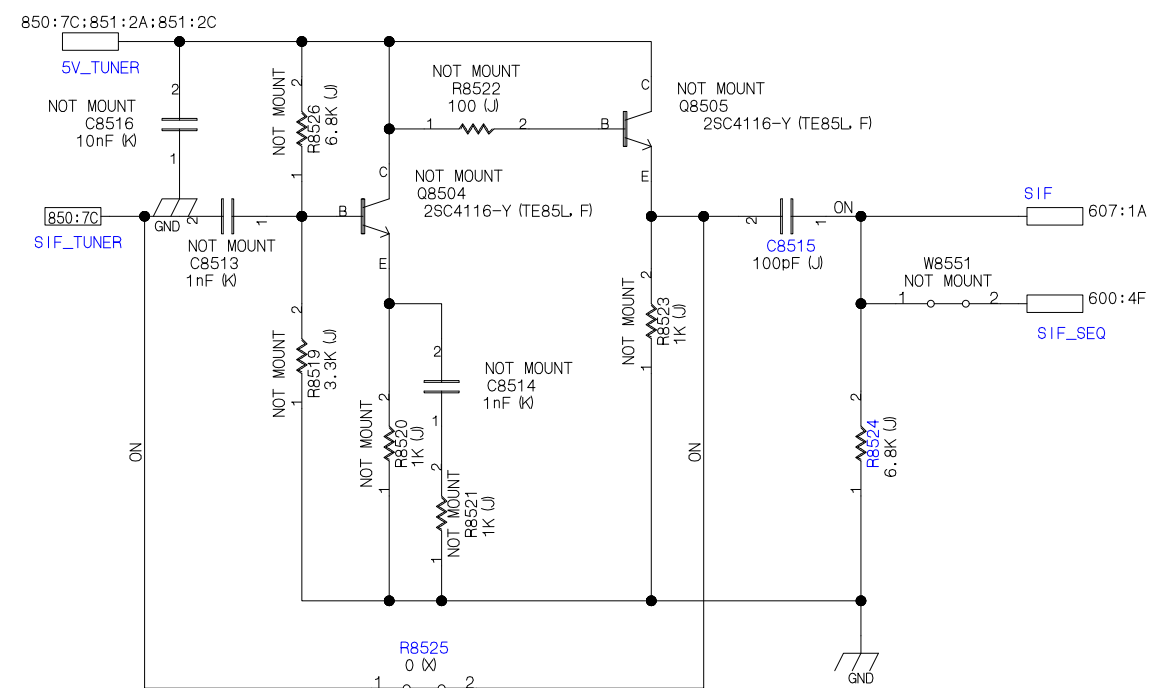
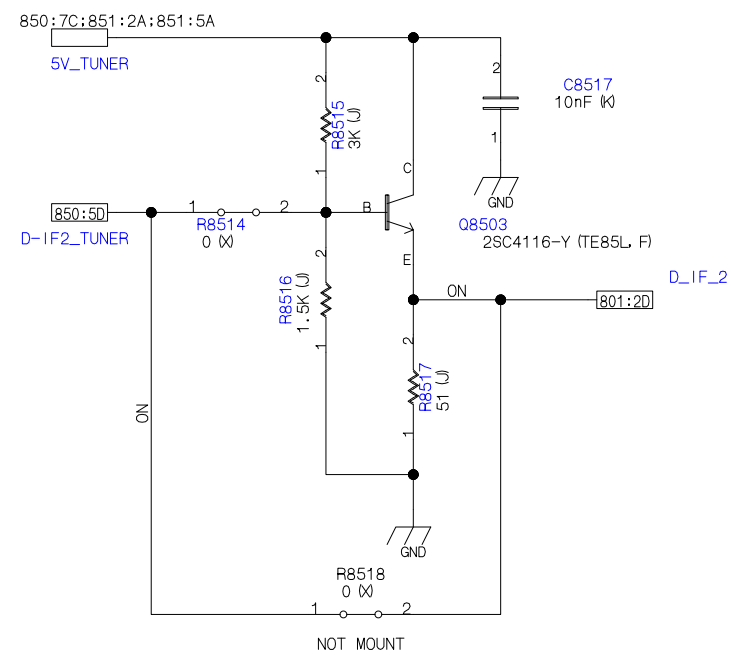
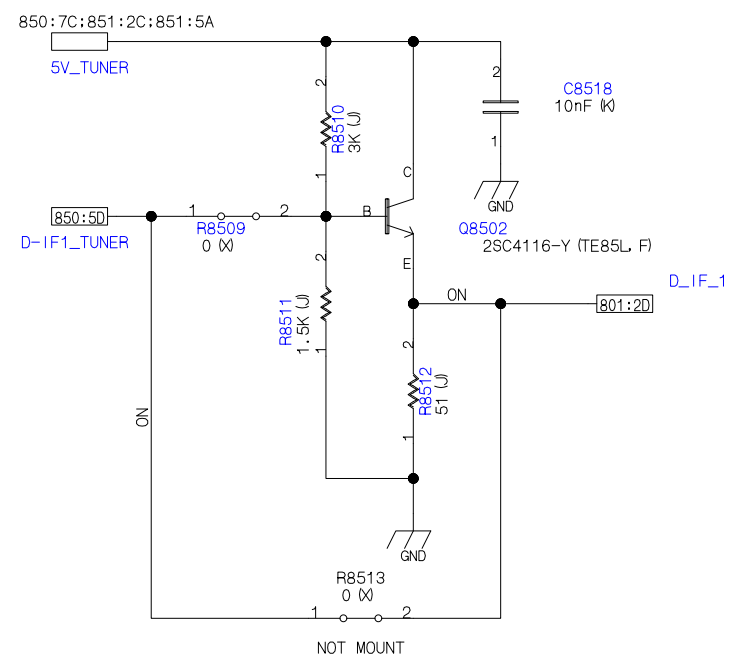
B

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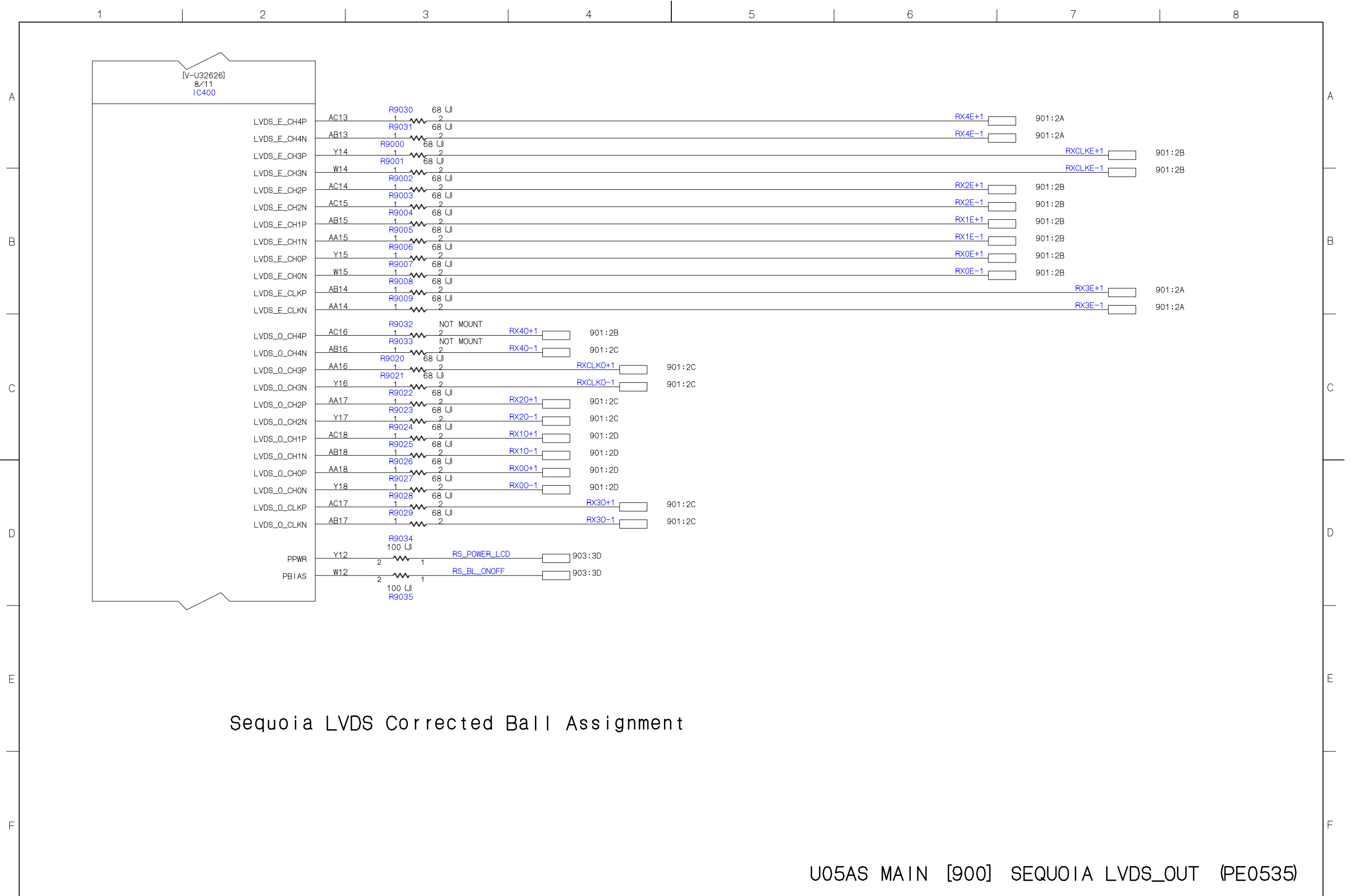
C

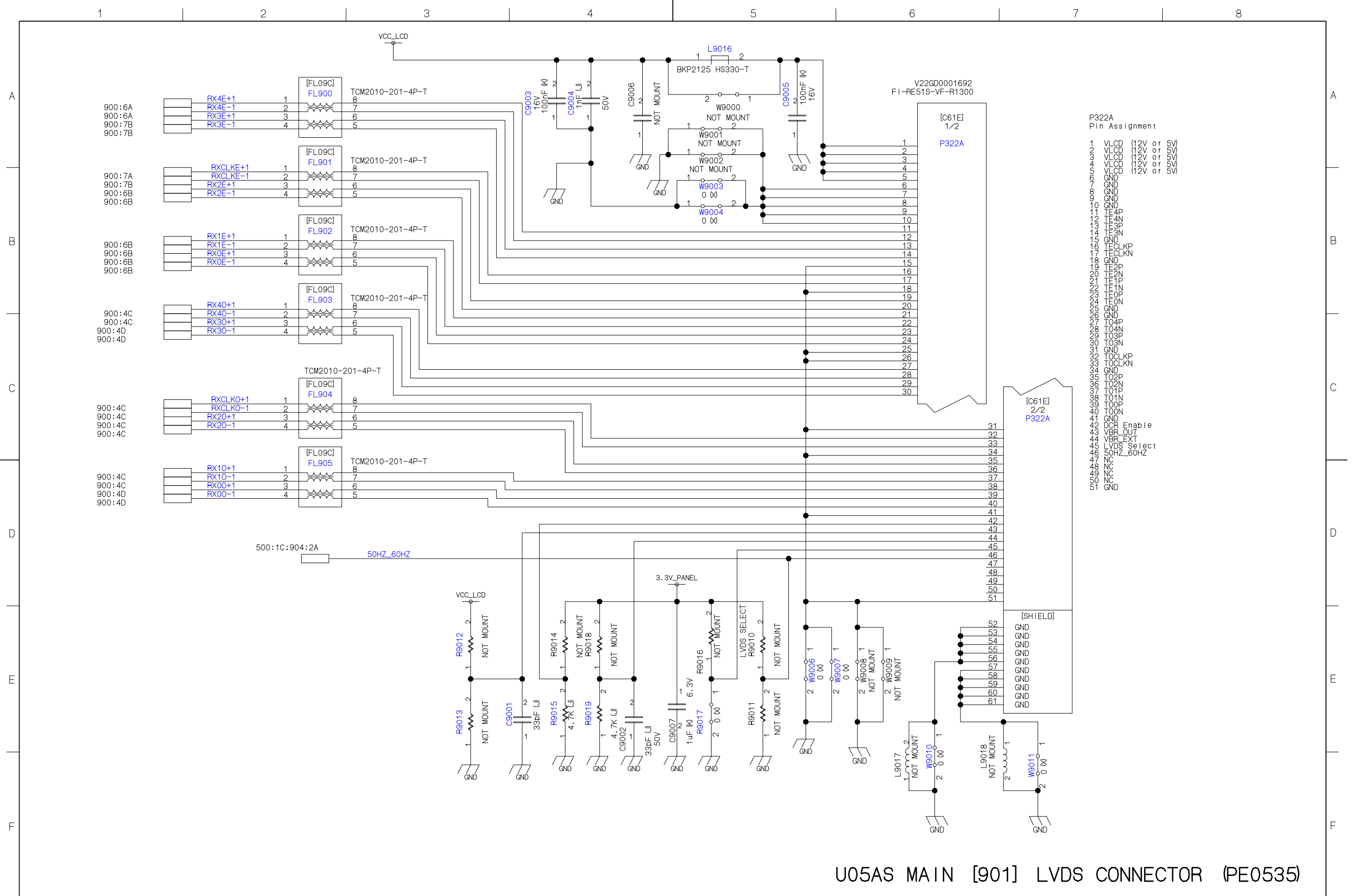
D

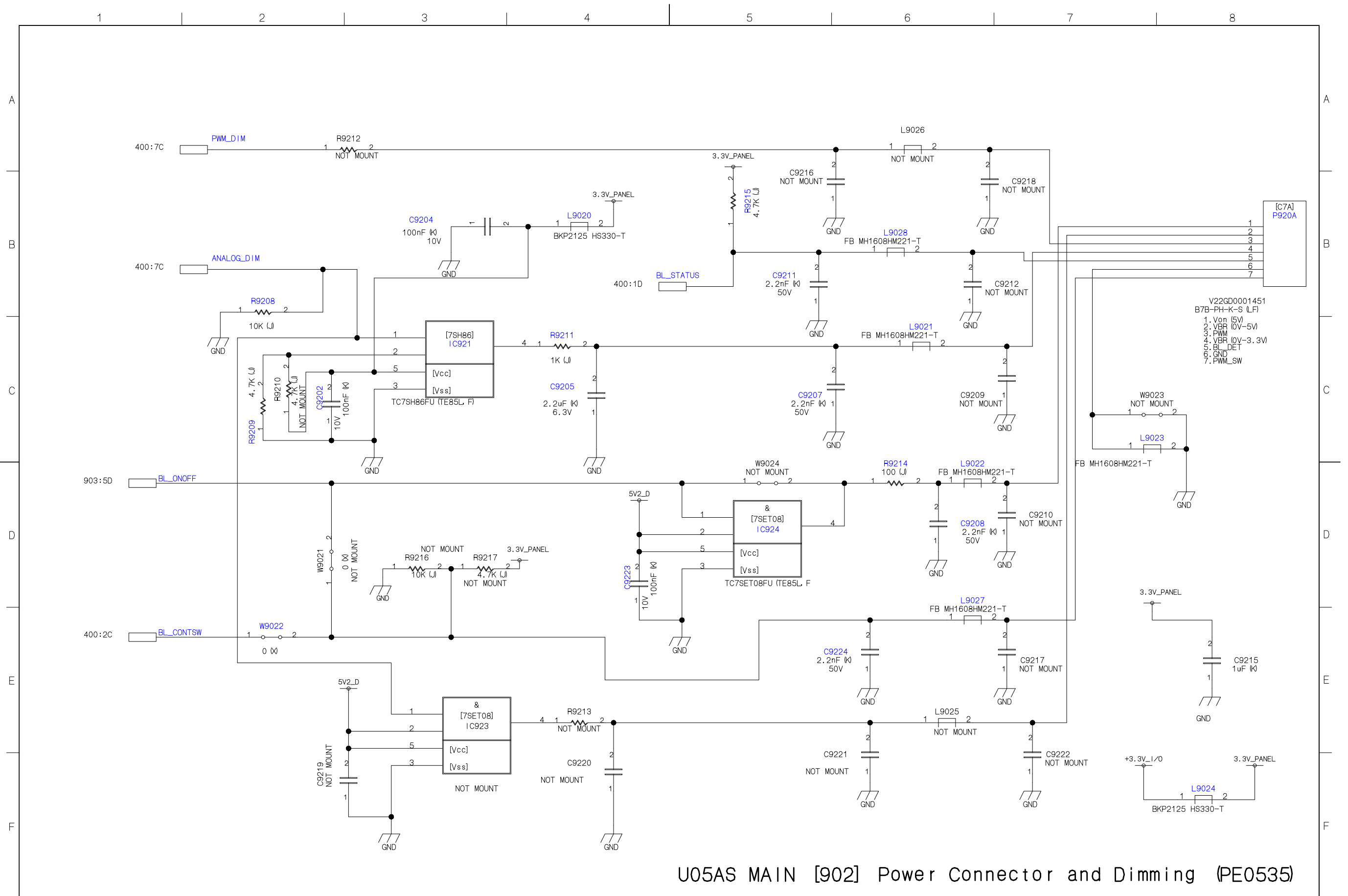
E

F

U05AS MAIN [851] TUNER-2 (PE0535)







REM_100 で I/Oポート必要

CV505D / XV505D

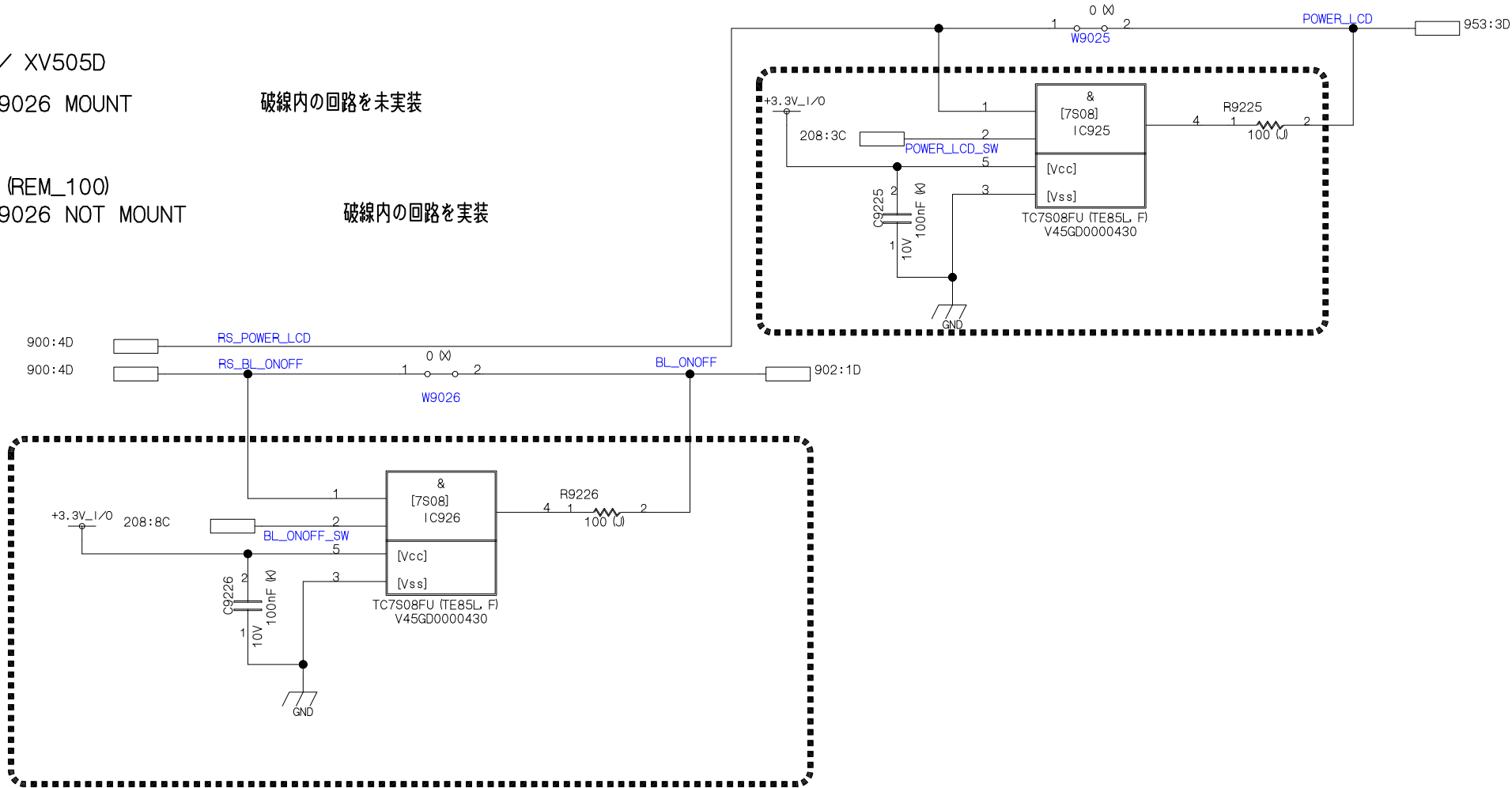
W9025, W9026 MOUNT

破線内の回路を未実装

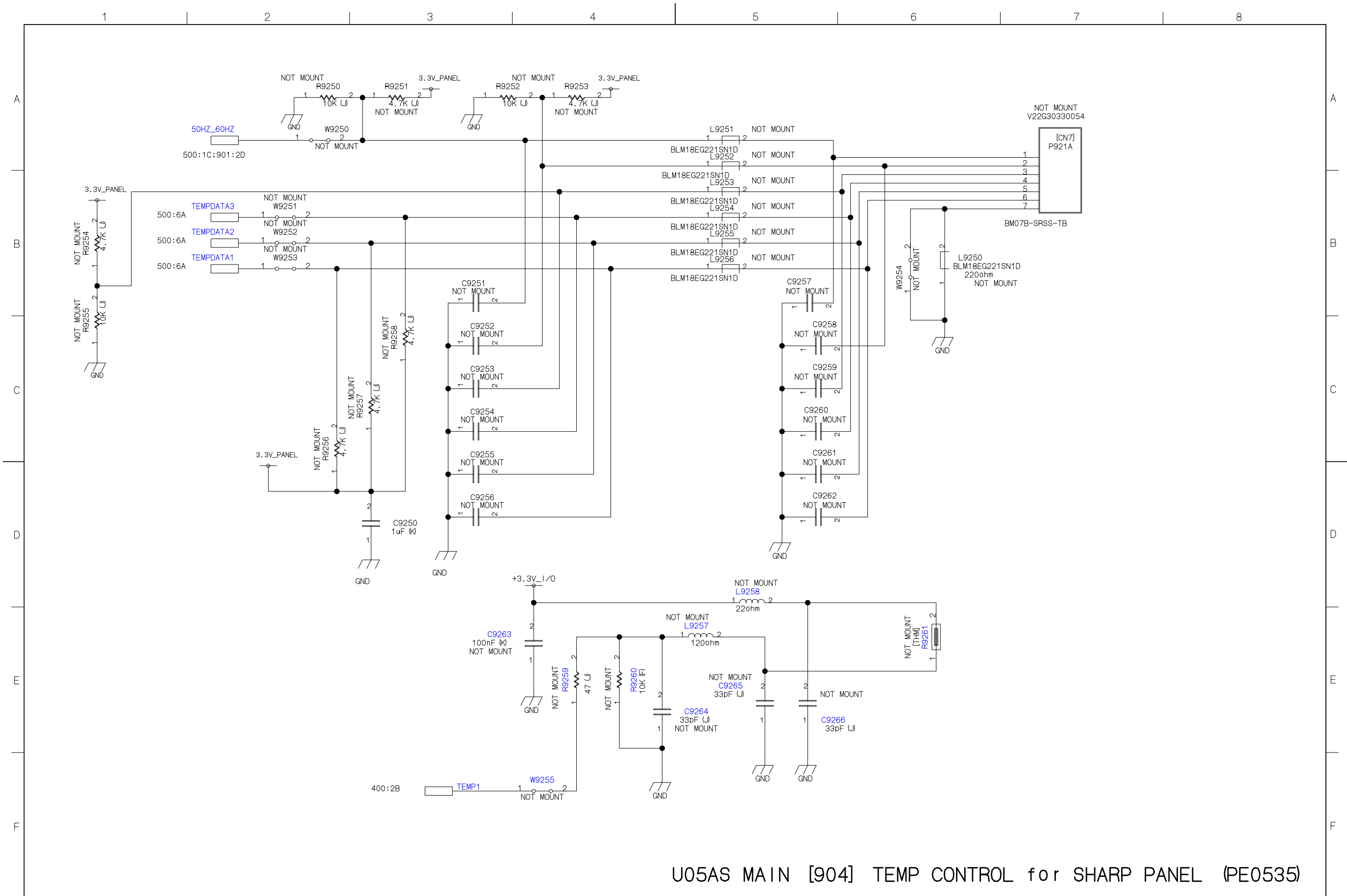
RV505D (REM_100)

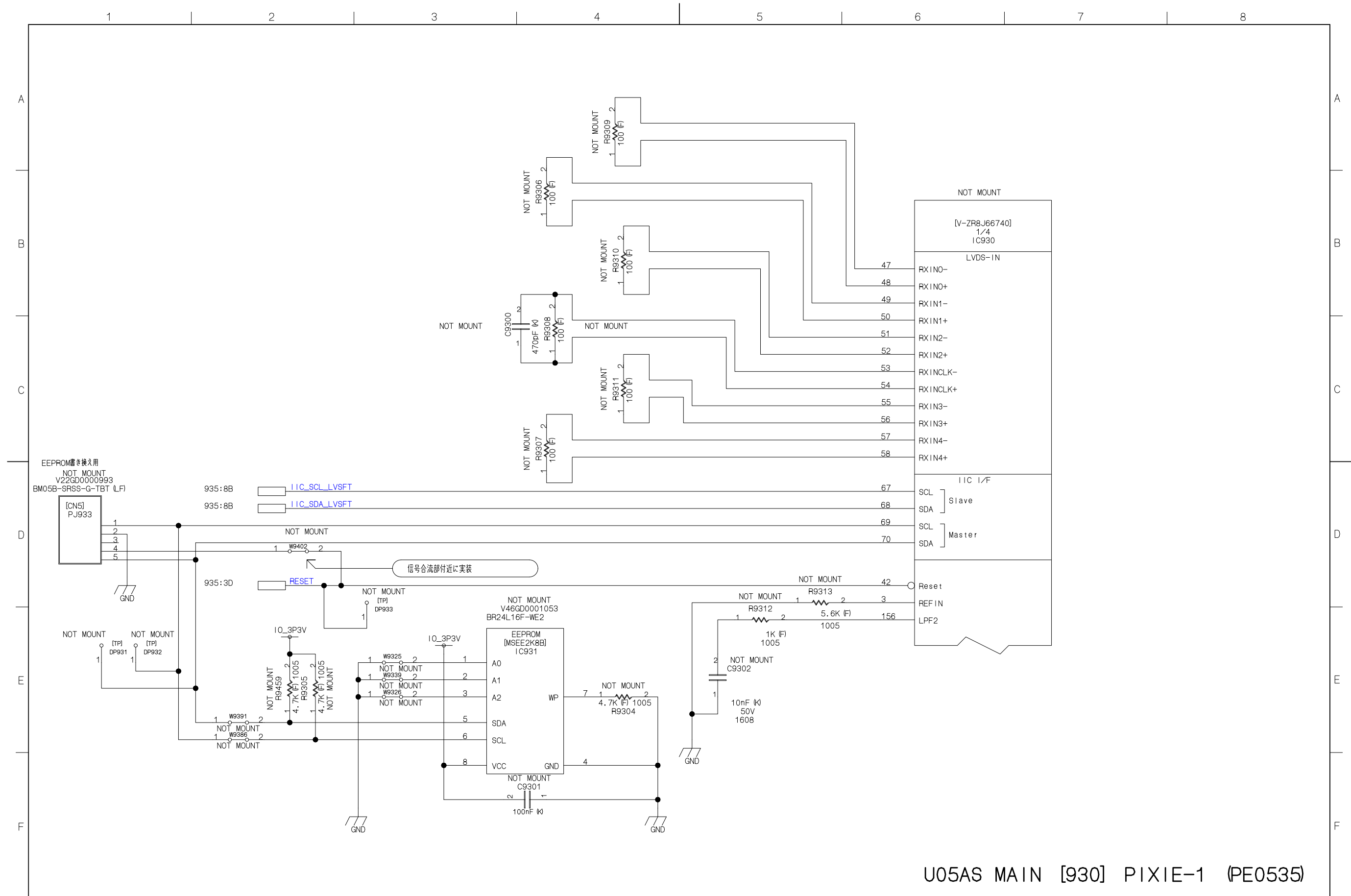
W9025, W9026 NOT MOUNT

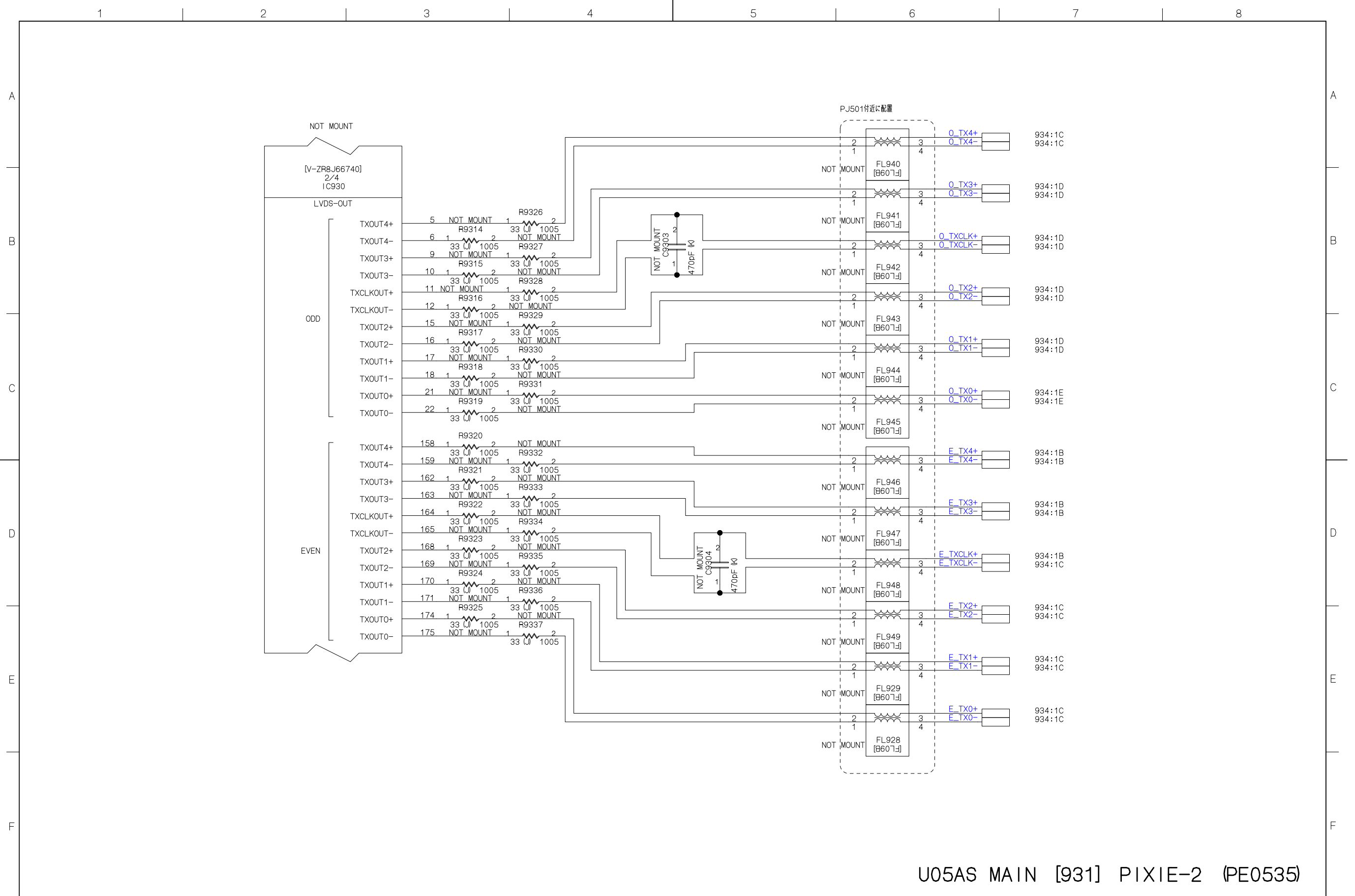
破線内の回路を実装

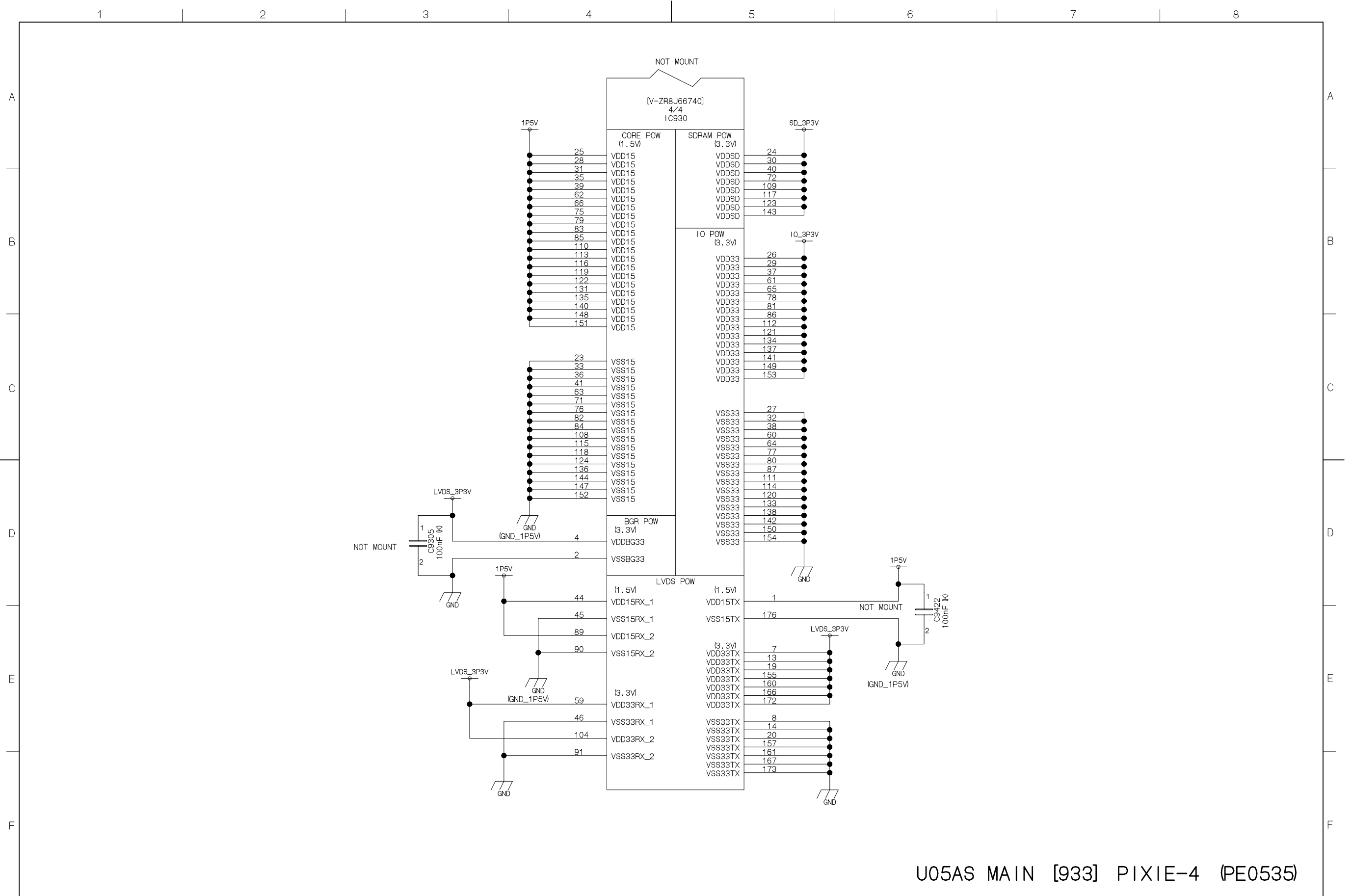


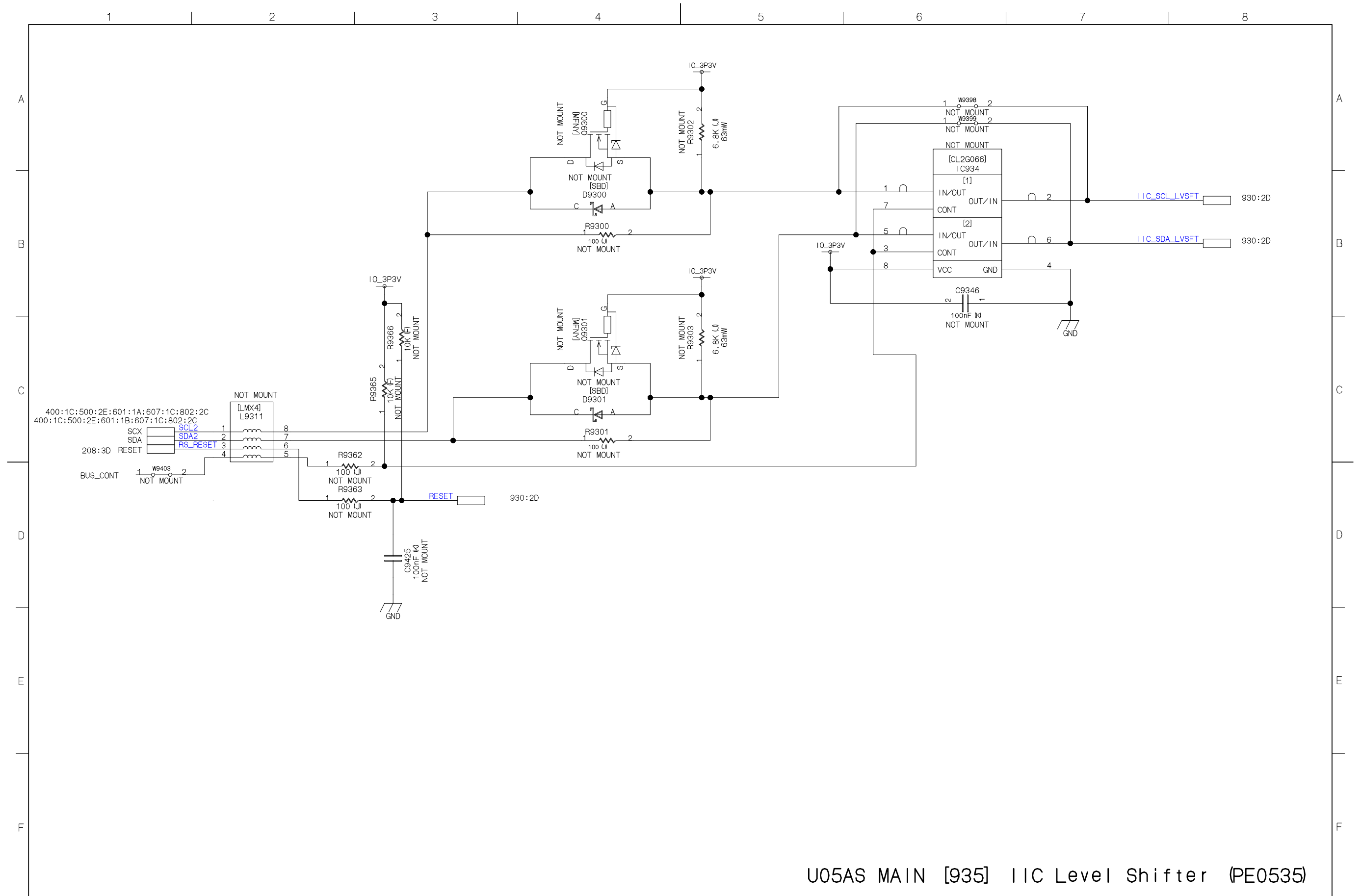
U05AS MAIN [903] POWER_LCD & BL_ONOFF (PE0535)

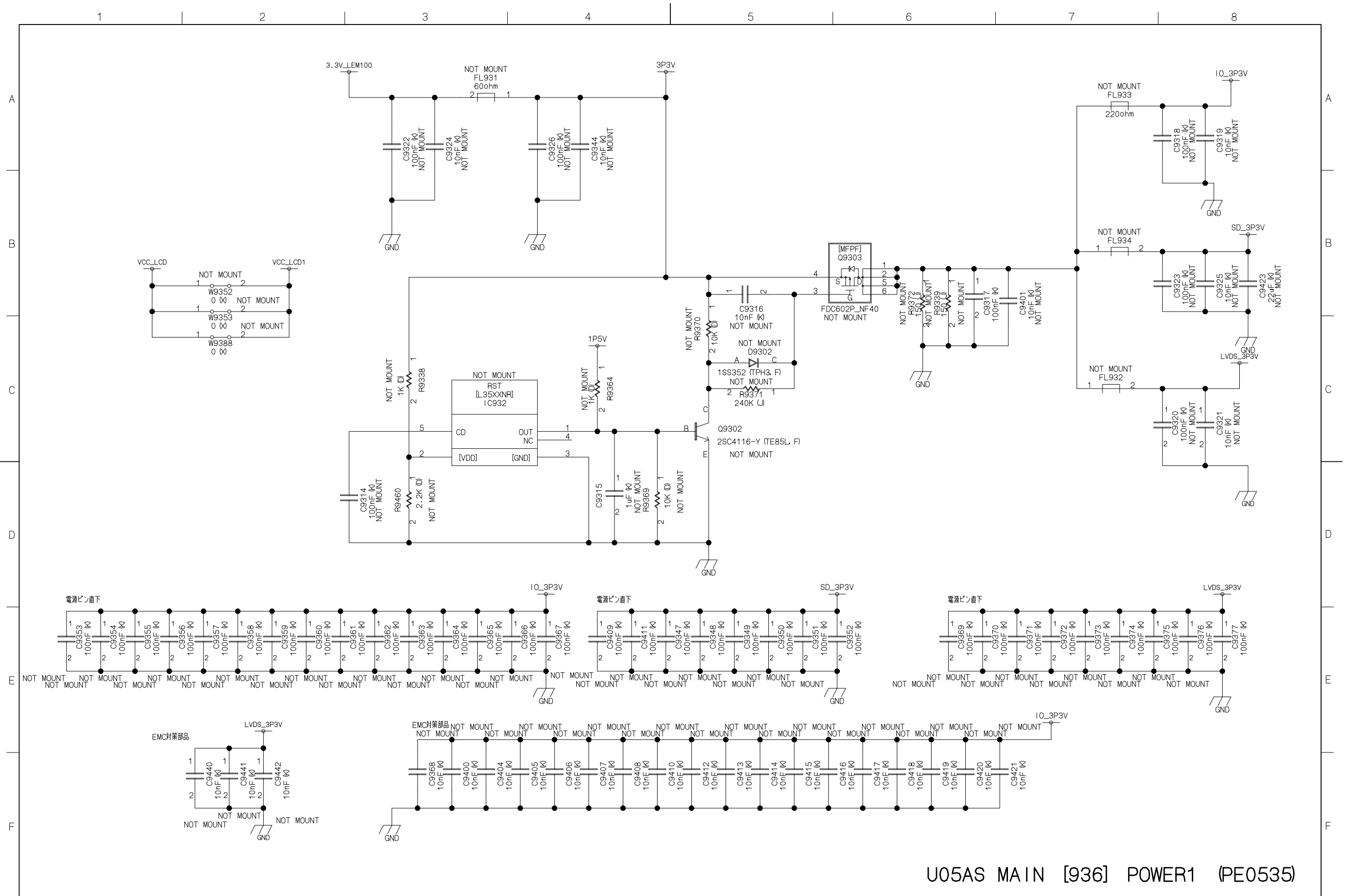


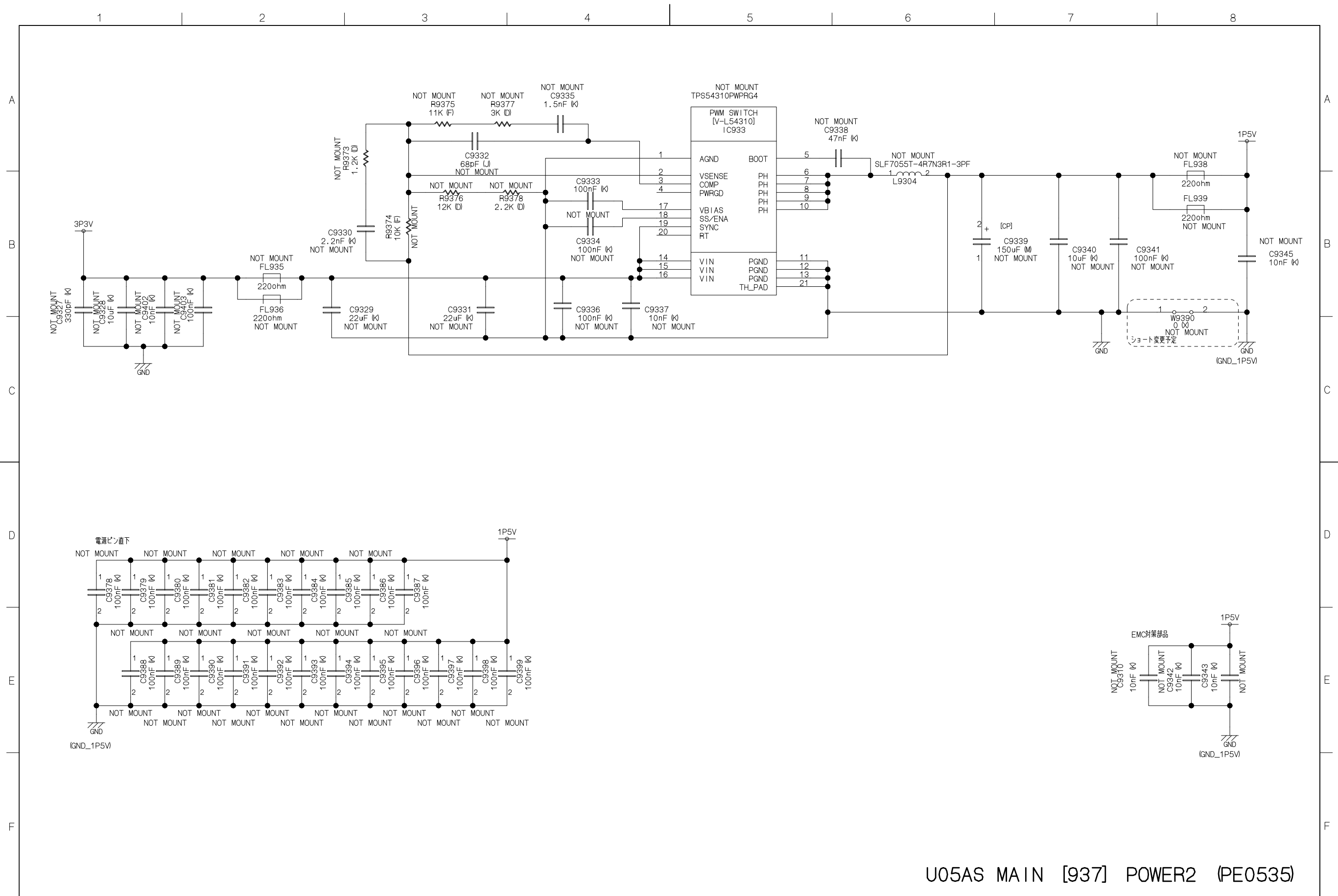




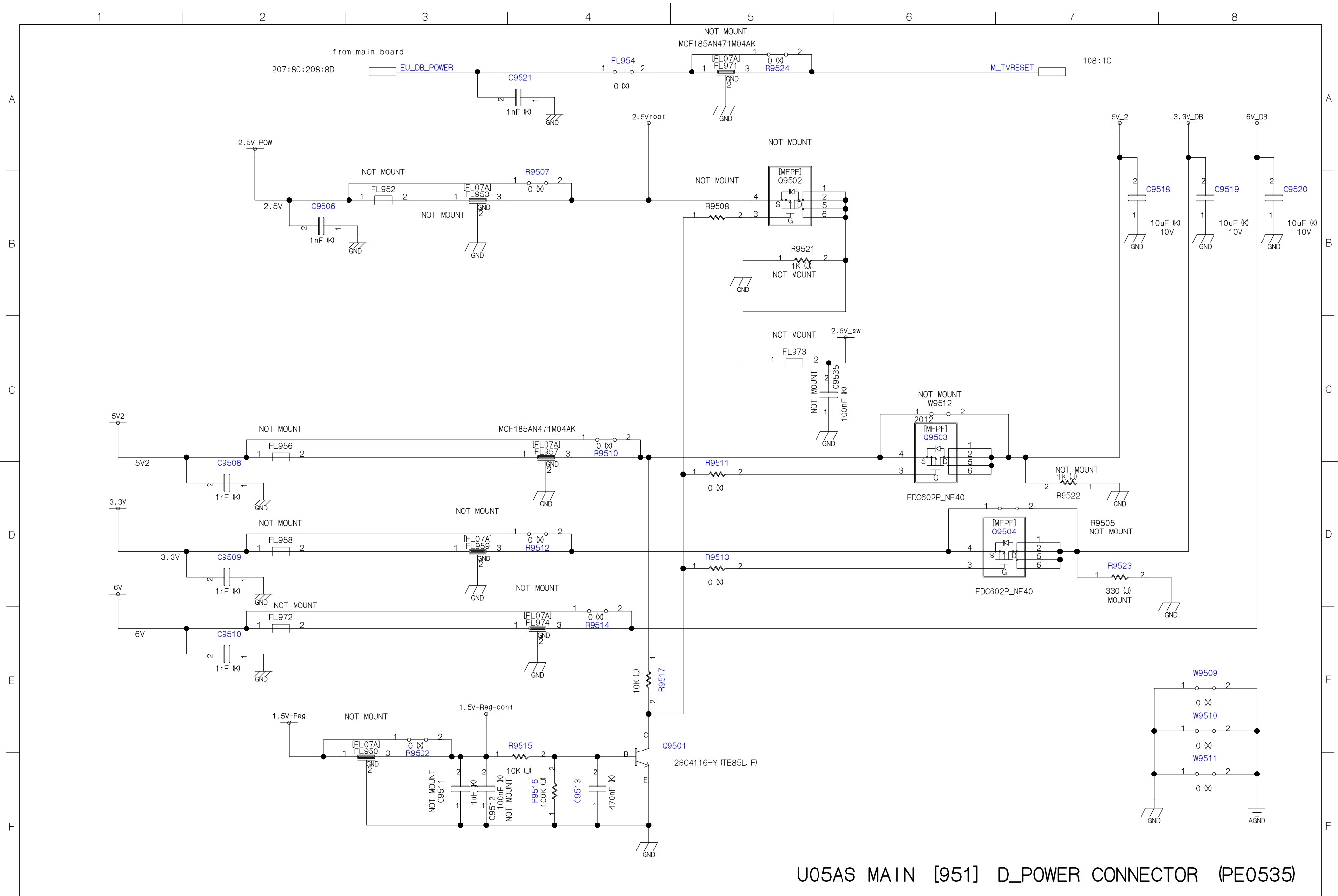




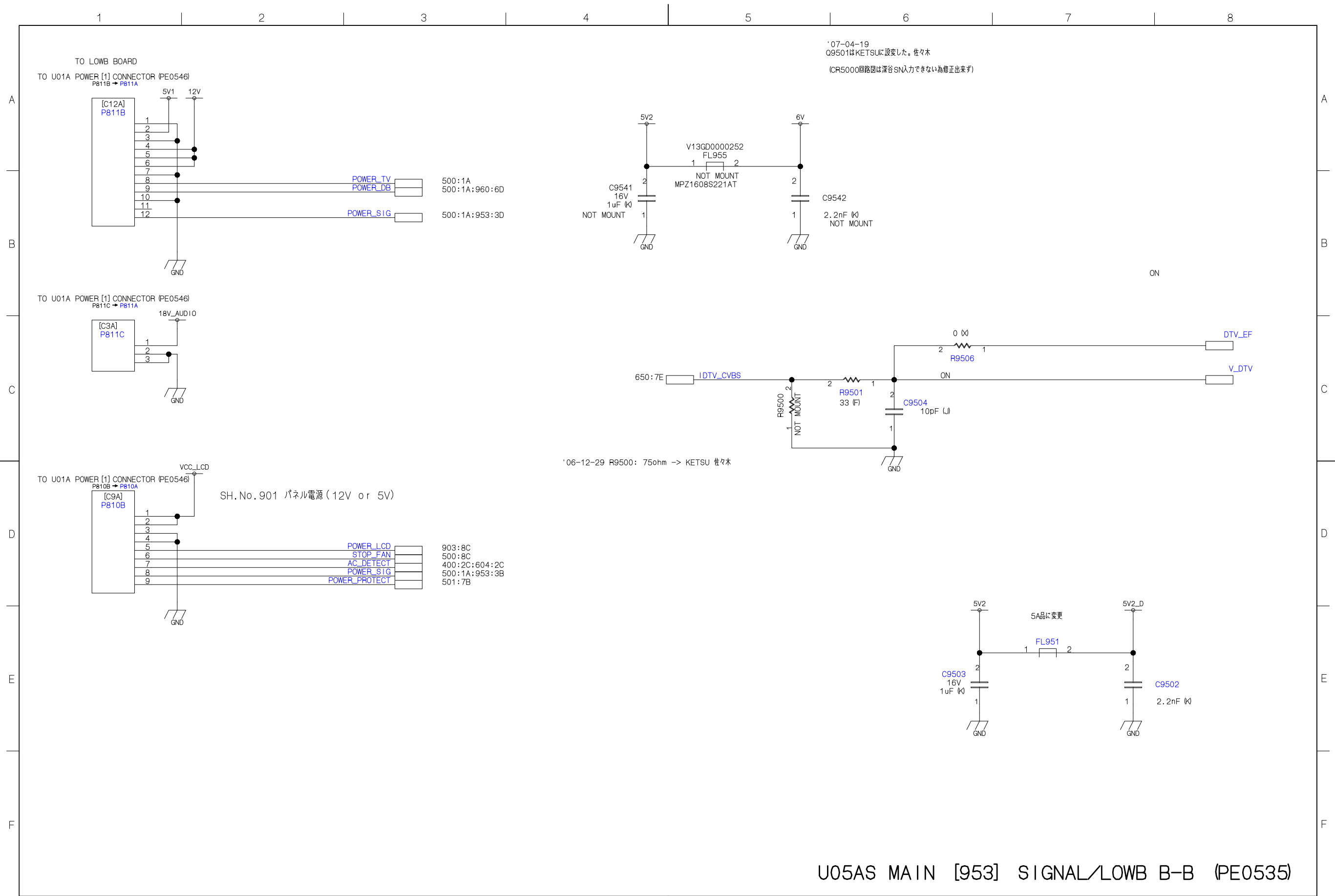


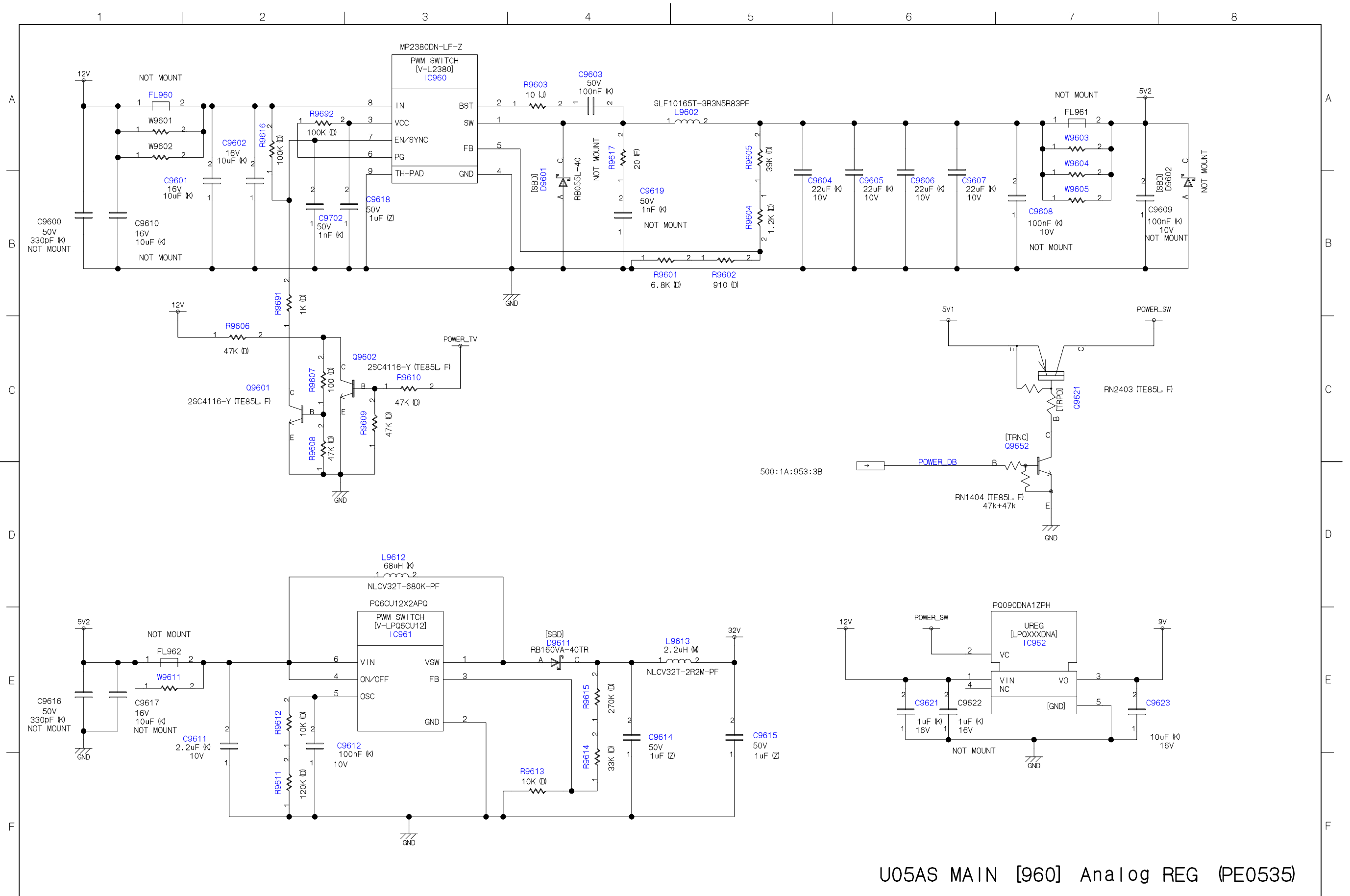


U05AS MAIN [937] POWER2 (PE0535)

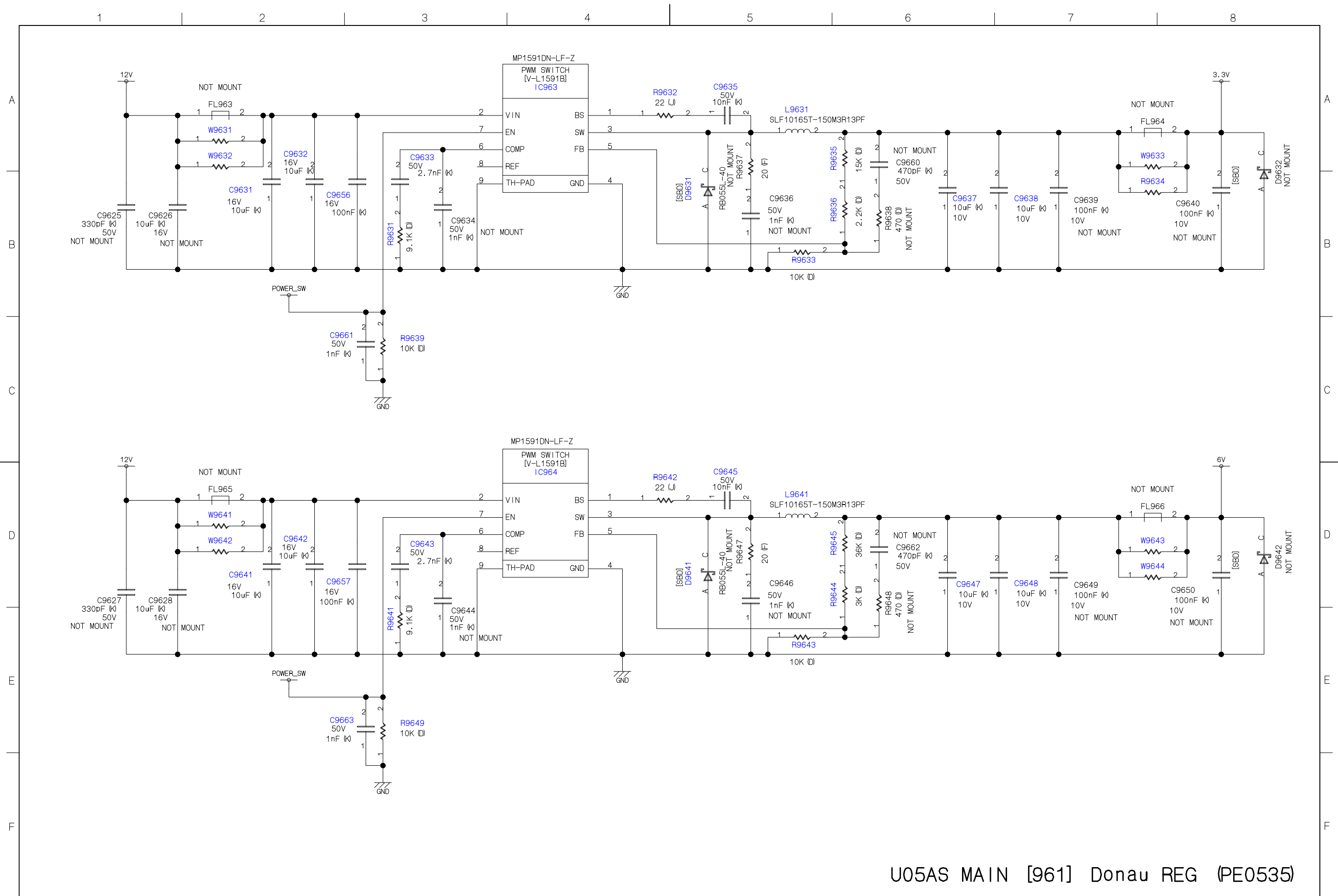




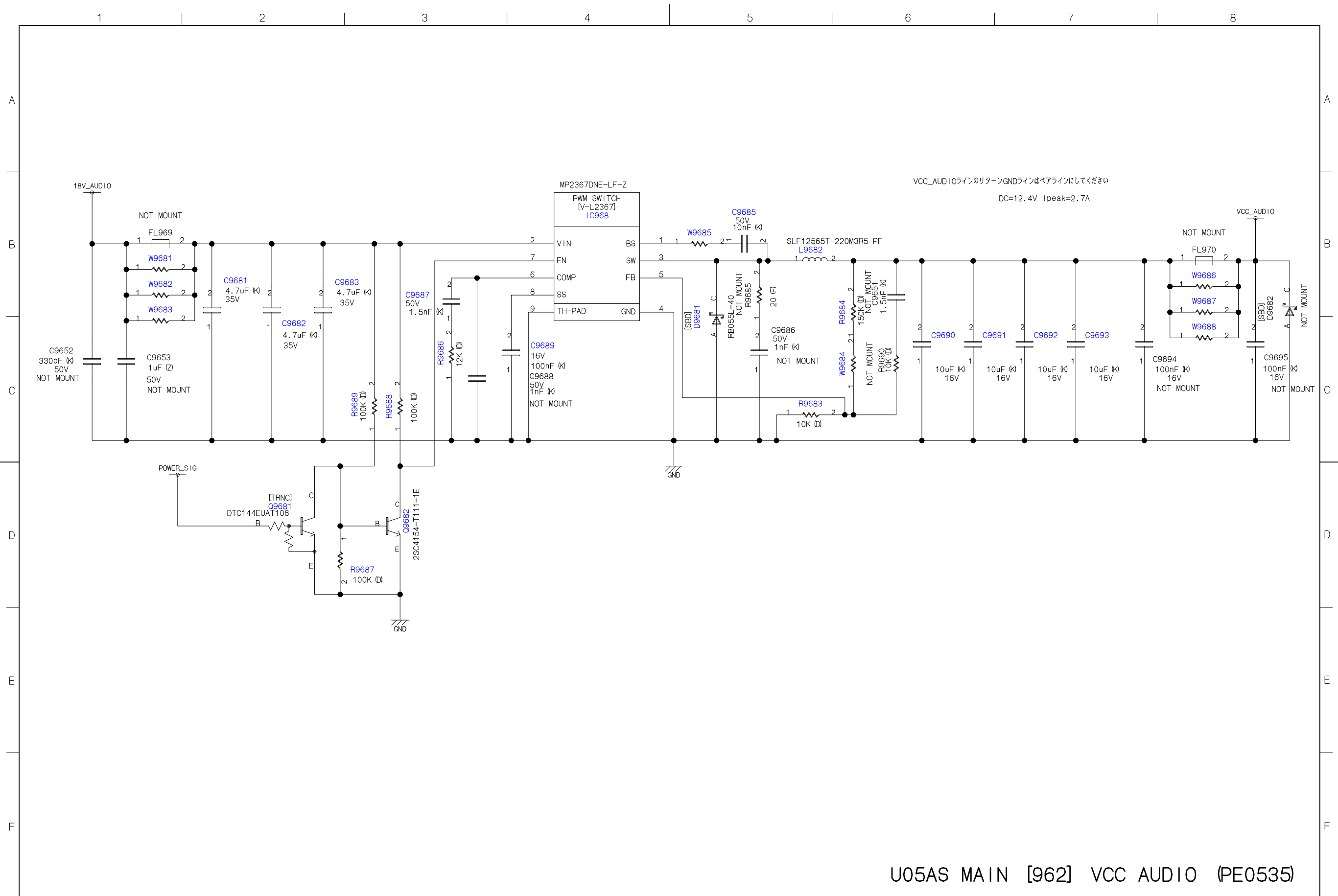




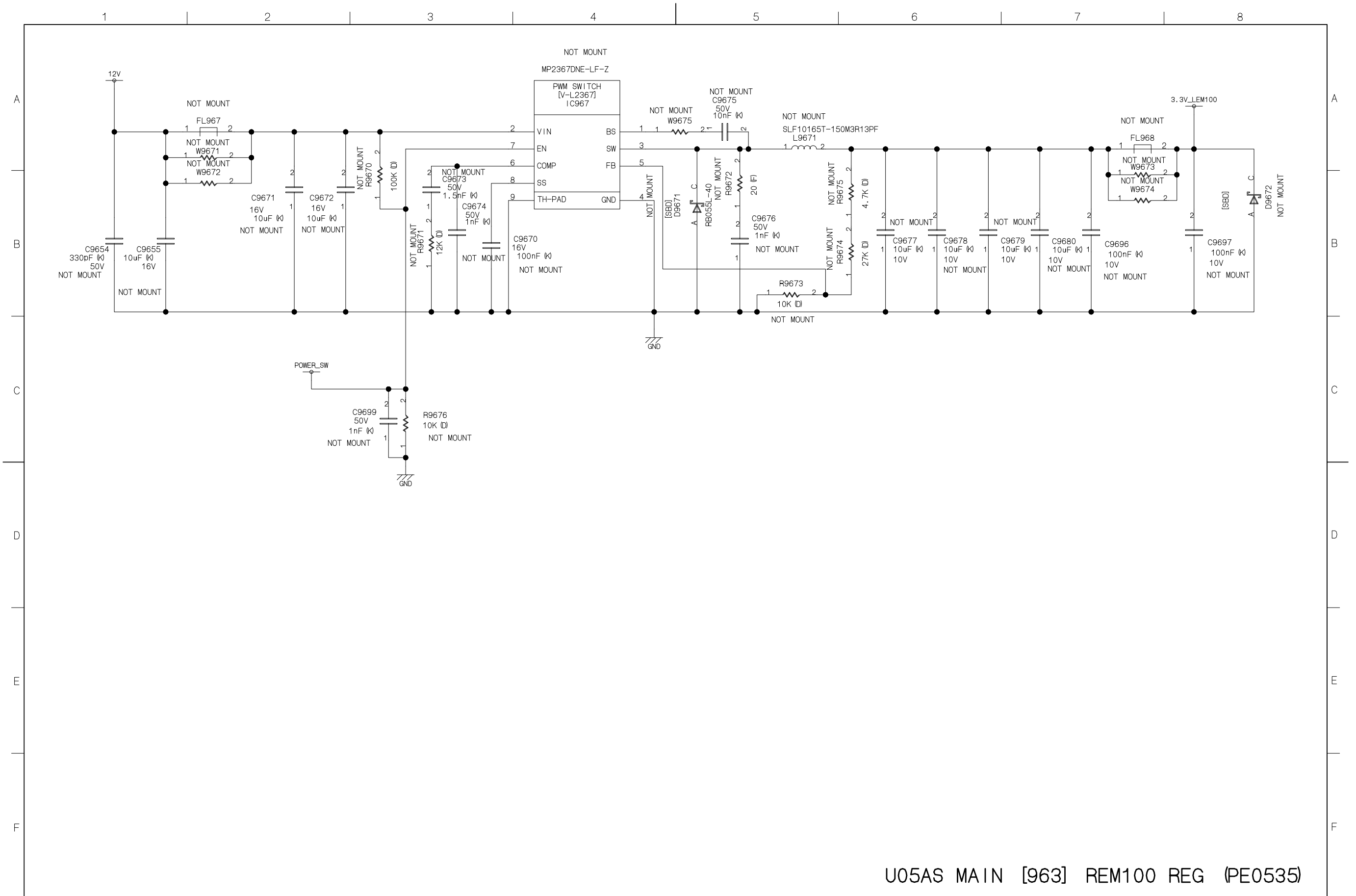
U05AS MAIN [960] Analog REG (PE0535)



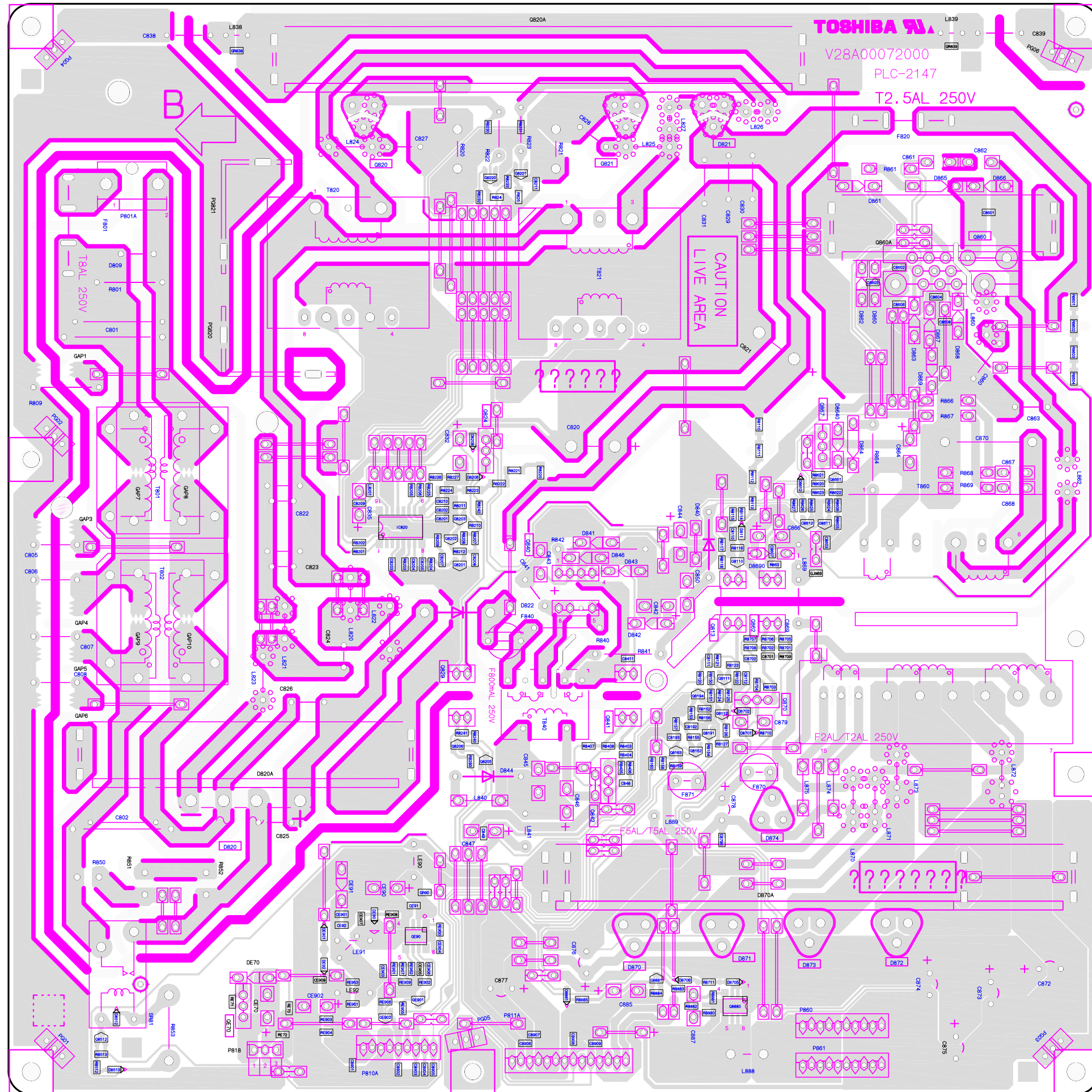
U05AS MAIN [961] Donau REG (PE0535)



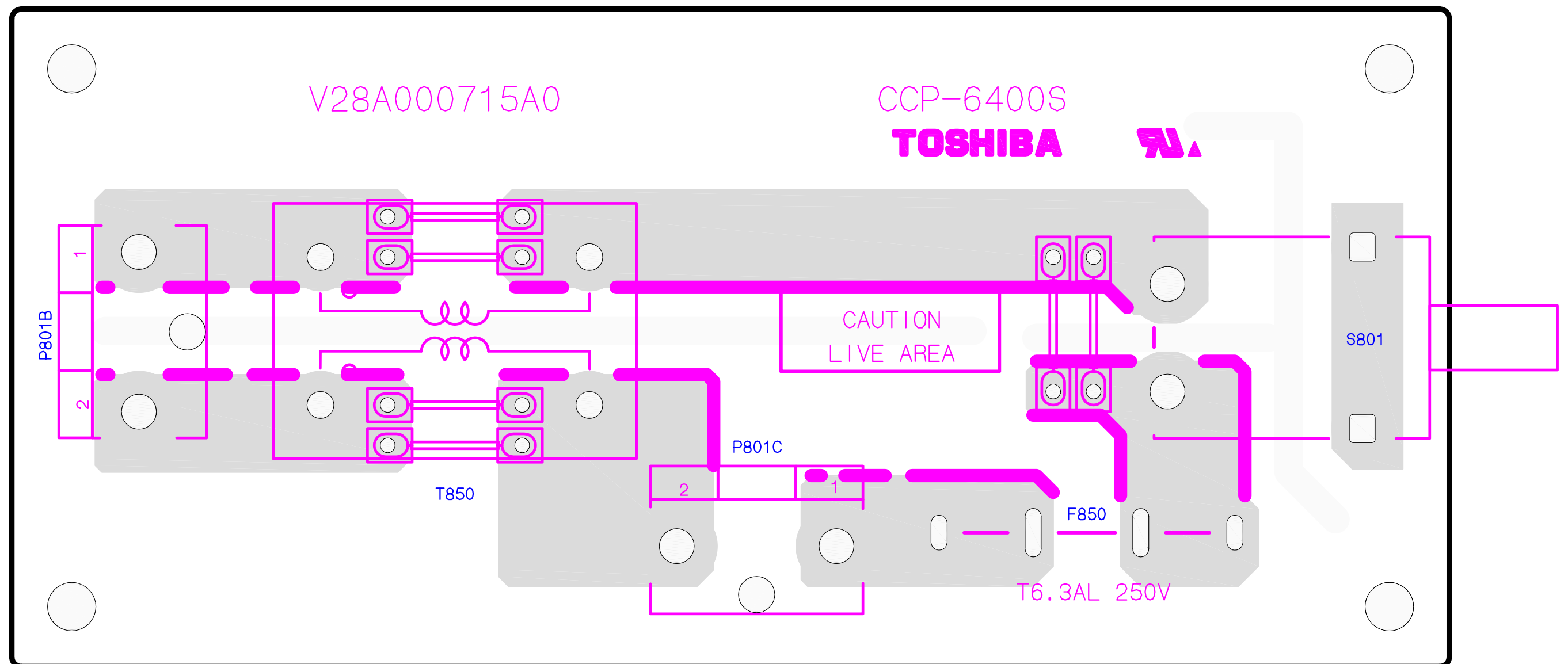
U05AS MAIN [962] VCC AUDIO (PE0535)



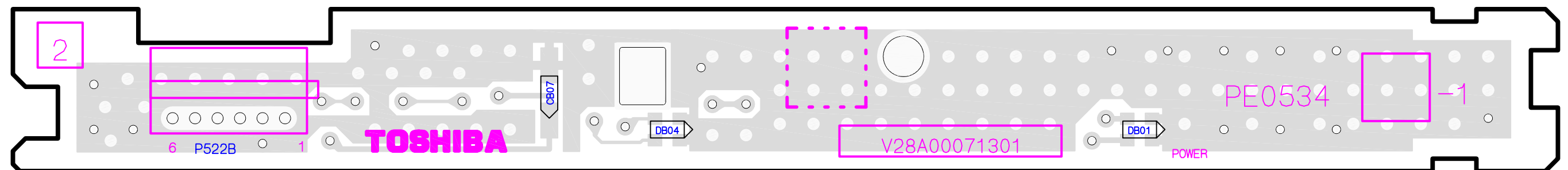
U01A POWER [Bottom] (PE0546)



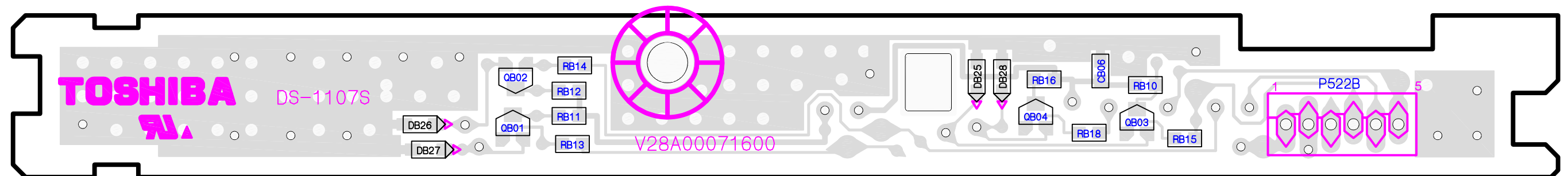
U03A AC-SW [Bottom] (PE0533)



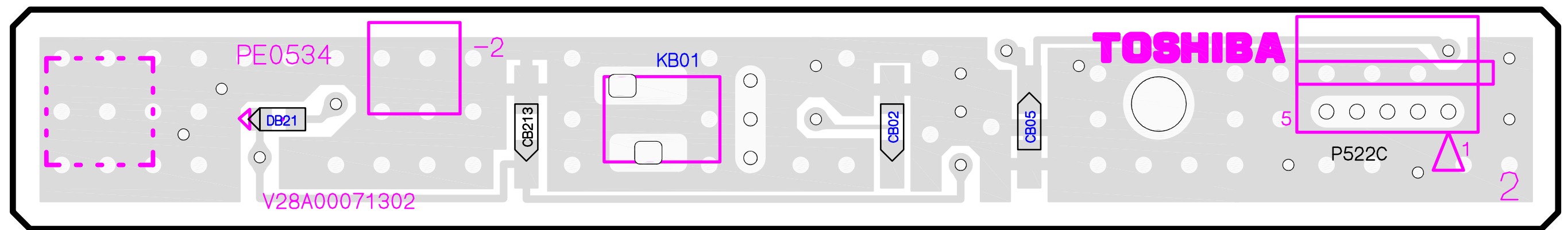
U04A LED [Top] (PE0534)



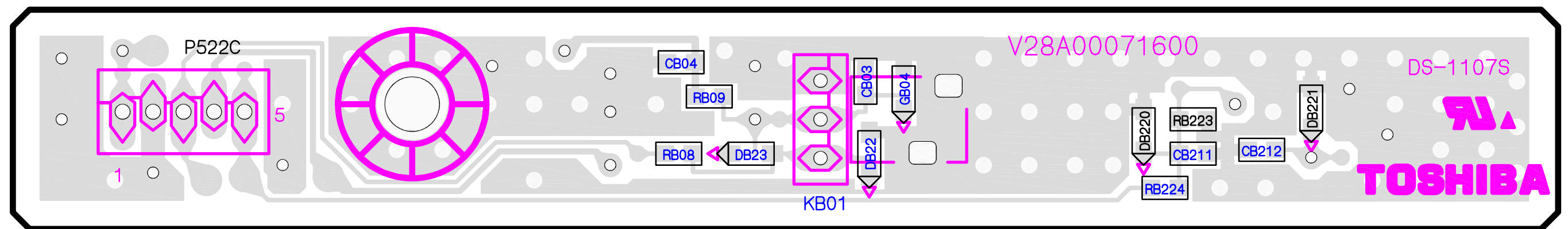
U04A LED [Bottom] (PE0534)



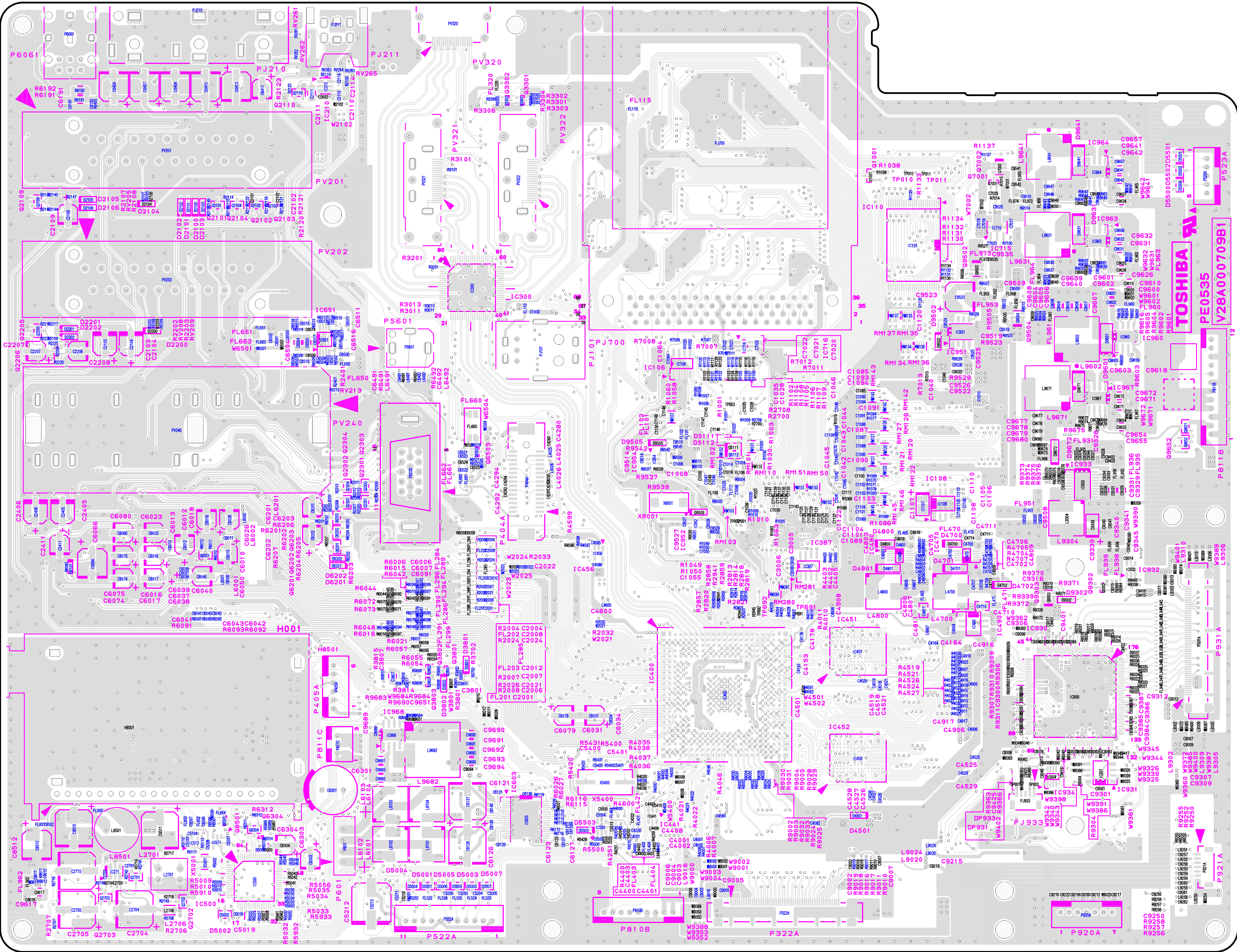
U04B RMT [Top] (PE0534)



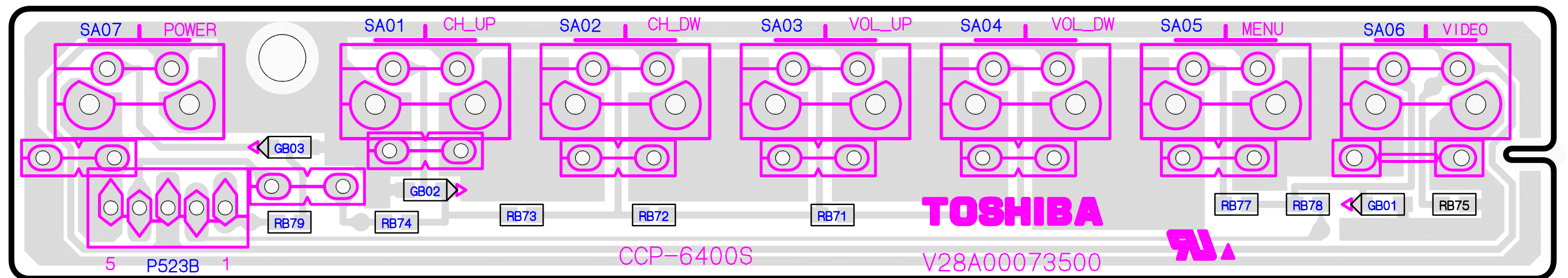
U04B RMT [Bottom] (PE0534)



U05AS MAIN [Top] (PE0535)

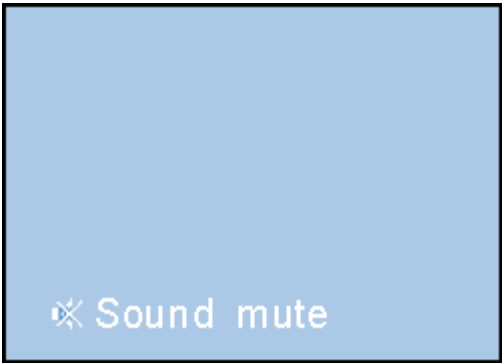



U06A KEY [Bottom] (PE0560)




Service Mode

Entering to Service Mode



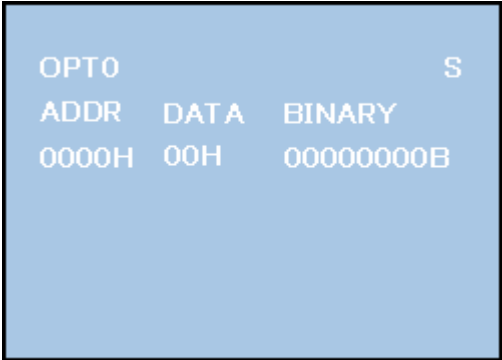
1. Set VOLUME to minimum and press  button once on remote control.




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

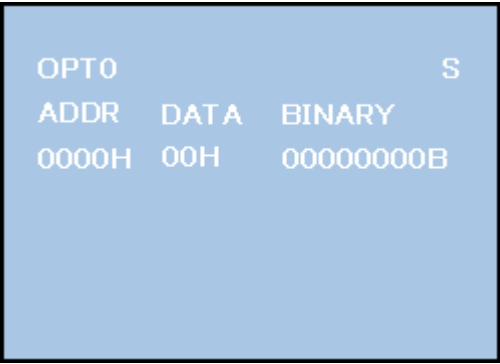
Press MENU button on TV.

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.

Test signal selection	⏻ button (on remote control)
Selection of the adjustment items	CH ▲/▼ (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 (QA02)	CALL + CH ▲ button on TV
Reset the count of operating protect circuit to "00"	CALL + CH ▼ button on TV
Turn off I2C bus communication	CALL + 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 CH ▲ 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 AND DATA IN THE SERVICE MODE:


Note:

The image system data of RCUT-BDRV is different by each image format.
The PAL value is indicated in the table.
Never adjust H.POS and V.POS except PAL/WIDE mode.

Item	Name of adjustment
RCUT	R CUT OFF
GCUT	G CUT OFF
BCUT	B CUT OFF
RDRV	R DRIVE
GDRV	G DRIVE
BDRV	B DRIVE
BRTC	BRIGHTNESS CENTER
COLC	COLOR CENTER
UVTT	BASE BAND TINT
CNTX	CONTRAST MAX
VOLUX	MAX VOLUME LIMITED
PLLW0	PLL WAIT TIME
PLLW1	PLL WAIT TIME
PLLW2	PLL WAIT TIME
PLLW3	PLL WAIT TIME
PLLW4	PLL WAIT TIME
PLLW5	PLL WAIT TIME
OPT1	TV SET OPTION 1
OPT2	TV SET OPTION 2
OPT3	TV SET OPTION 3
OPT4	TV SET OPTION 4 (PANEL OPT DATA FOR VENDOR)
OPT5	TV SET OPTION 5 (PANEL OPT DATA FOR SIZE)
OPT6	TV SET OPTION 6 (HOTEL MODE)
OPT7	TV SET OPTION 7 (HOTEL MODE)
OPT8	TV SET OPTION 8 (HOTEL MODE)
TVOP	TV SET OPTION
ID	MODEL ID
BDWID	BORDER WIDTH FOR EXACT SCAN
BDHIT	BORDER HEIGHT FOR EXACT SCAN


Factory preset data will be loaded after setting Model ID data.
(Refer to Initialization of Memory Data of QA02 and setting data of signal board.)

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.

I2C Bus Off

Turn off I2C communication between IC700 and IC400.

- 1) Press and hold the CALL button on the remote control, then press the Volume  + button on the TV.
- 2) Display "BUS Off" OSD.
- 3) I2C communication turned off.

Panel Resolution	Full HD	1	-	-	-	-	-	-	-
	WXGA	0	-	-	-	-	-	-	-

OP5

Ex. OPT5 value 0x06 indicates that panel size is 37.

		OPT5							
		D7 (bit7)	D6 (bit6)	D5 (bit5)	D4 (bit4)	D3 (bit3)	D2 (bit2)	D1 (bit1)	D0 (bit0)
Inch size	26	-	-	-	-	0	0	1	1
	32	-	-	-	-	0	1	0	1
	37	-	-	-	-	0	1	1	0
	42	-	-	-	-	0	1	1	1
Backlight Status Logic	Positive	-	-	1	-	-	-	-	-
	Negative			0					
Backlight Status Check	Execute	-	1	-	-	-	-	-	-
	Unexecuted		0						

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 = 0101 1010, Hex data is 0x**5A**.

Exit from Service Mode

Pressing POWER button to turn off the TV once.

Initialization of Memory Data of QA02 and Setting Data of Signal Unit

After replacing QA02 or signal board, the following initialization is required.

CAUTION: Never attempt to initialize the data unless QA02 has been replaced.

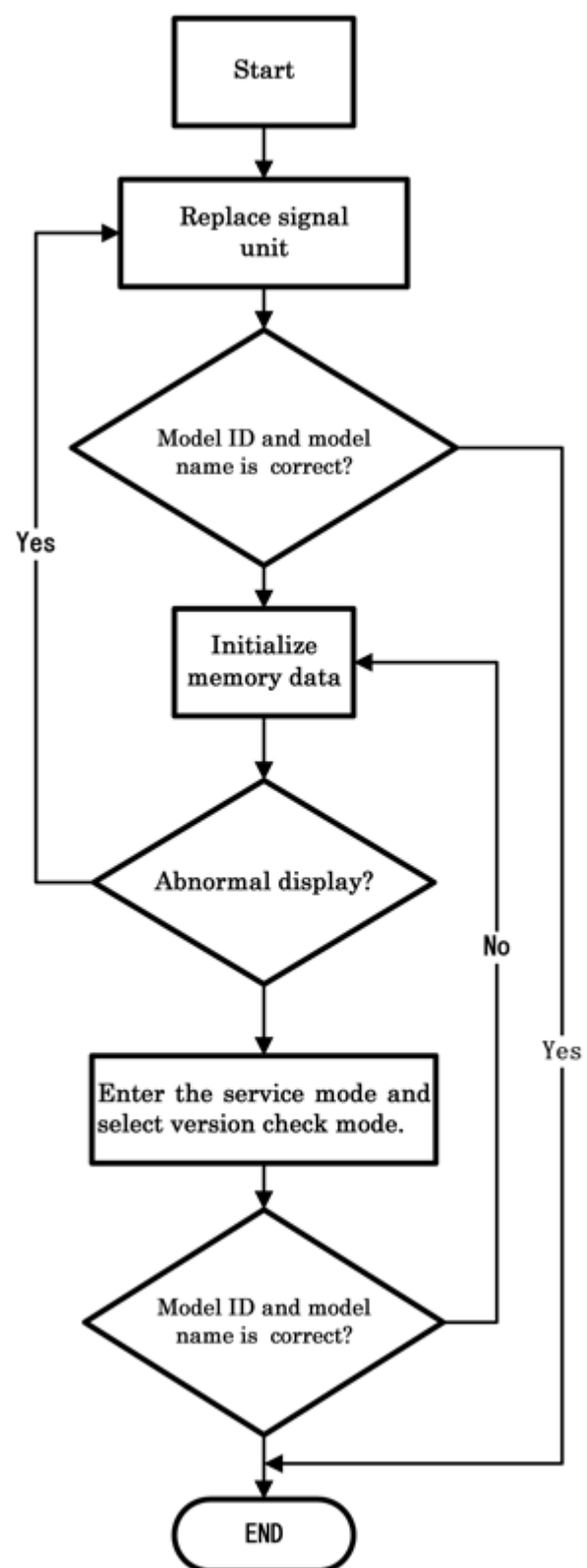
Whenever using new signal board to the set, setting the Model ID data according to Panel option data.

- 1) Enter the service mode.
- 2) Select menu of ID by pressing P▲ or P▼ during display of adjustment menu in the service mode.
- 3) Change ID data into MODEL ID to initialize by pressing ◀+ or ▶-, refer to table below.
- 4) Press and hold the CALL button on the remote control, then press the CHANNEL ▲ button on the TV.
- 5) Initialization progress dialog including model name and panel vendor is shown.
Progress status is "WRITING".
- 6) Progress status is changed "OK" and power cycle (automatically). Then QA02 initialization has been completed.
- 7) Enter the service mode and select version check mode. Confirm if model name and model id set is correct. If not, repeat steps 1) to 6).
- Note:**


In case initialization by setting wrong MODEL ID is done, there is a possibility of abnormal display.
- 8) Set I2C check function of TVOP to enable.
- 9) Check the picture carefully. If necessary, adjust any adjustment item above.
Perform "Auto tune" on the owner's manual.

MODEL ID (HEX)	Model name	Panel vendor
0x01	32XV505D/503D/504D	SAM
0x02		IPS
0x03	37XV505D/503D/504D	LPL
0x04		IPS
0x05	42XV505D/503D/504D	CMO
0x06	32XV500P/501P	SAM
0x07		IPS
0x08	37XV500P/501P	LPL
0x09		IPS
0x10	42XV500P/501P	CMO
0x11	42XV505D/503D/504D	LPL
0x12	42XV500P/501P	LPL
0x13		
0x14		
0x15		



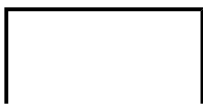
0x16		
0x17		
0x18		
0x19		
0x20		
0x21		
0x22		
0x23		
0x24		
0x25		
0x26		
0x27		
0x28		
0x29		
0x30		
0x31		
0x32		
0x33		

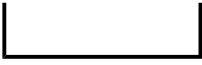




Test Signal Selection

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

- 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.
- During diagnosis, the following displays are shown.

* Self check display and Item are subject to the models.

Self check	
(1)	Firmware : AAAA_BB_0000
(2)	Time : 000000
(3)	BL_STATUS : 00
(4)	Bus line : OK
(5)	Bus cont : CXA2189Q(90H)
(6)	Block : UV V1 V2 V3 V4 V5 V6 V7 V8 V9 PC YUV DTV

- Firmware :
Version information of microprocessor
Series name (AAAA) and market area (BB) and software program version (0000)
- Time : Total hour of turn the TV on. (Unit : H)
- BL_STATUS :
Counter for saving BackLight on error.
This value is counted till 99 (Decimal).
- Bus line : -- "OK" is normal
SCL-GND (Red indication) : SCL-GND short circuit
SDA-GND (Red indication) : SDA-GND short circuit
SCL-SDA (Red indication) : SCL-SDA short circuit
- Bus cont : --- "OK" is normal.
NG is abnormal (Red indication).
When the abnormal status is detected, type name of semiconductor is indicated in red colour.
- Block
UV : TV reception mode
V1 - V9 : VIDEO 1-9 input mode
PC : PC mode
YUV : YUV mode
DTV : DTV mode

UV	ATV
V1	 1

	(SCART (FULL))
V2	⌂ 2 (SCART (S+AV))
V3	⌂ 3 (Composite/Component/S)
V4	HDMI1
V5	HDMI2
V6	HDMI3
V7	PC
V8	--
V9	--
PC	--
YUV	--
DTV	DTV (Digital Only)

Version Check Mode

- Press "9" button twice on remote control during display of adjustment menu in the service mode.
The version of main MPU will be checked.
- During Version Check, the following displays are shown.

* Version check display and Item are subject to the models.

Version check						
(1)	MAIN MPU	: AAAA_BB_0000(C00)				
(2)	EEPROM	: 00(MODEL ID = 00)				
(3)	SUB MPU	: 00(NO RTC)/00(RTC)				
(4)	OPTION	: 00 11 22 33 44 55 66 77 88				
(5)	HDMI EDID	: CH1:OK CH2:OK CH3:OK				
(6)	DB SW Ver	: 0.00				
(7)	DB MW Ver	: 0.00/0.00				
(8)	A/D Adjust		COMP	PC	NTSC	PAL
		MAIN	OK	NG	OK	NG
		SUB	—	—	OK	NG
(9)	100Hz/120Hz	: 0000				
(10)	DRMA0000-REV00					
(11)	12345678	MODELNAME		DDD-00(EEE)		
		(12)	(13)			

- MAIN MPU :
Version information of microprocessor
Series name and Code Program Version (4 figure number) and OSD Version (2 figure number).
- EEPROM :
Version information of EEPROM : Display 1 byte data.
- SUB MPU :
Version information of SUB MPU : Display 1 byte data.
Left side means QF01 (for AV-LINK) micon software version.
Right side means QA01 (for CEC) micon software version. (Only CEC model)
- OPTION :

Option information : Display six numbers of 1 byte data.

(5) HDMI EDID :

EDID data check item. Display channel numbers depend on HDMI input numbers.

OK : EDID data is enable.

NG : EDID data is disable.

(6) SW Ver

Version information of DB software as Toshiba release. (Only digital model.)

(7) MW Ver

Left side is Application and UI version information of DB software. (Only digital model.)

Right side is Firmware (Driver) version information of DB software. (Only digital model.)

(8) A/D Adjust

A/D adjustment item.

--MAIN : It's enable only in double Window model. A/D adjustment status of main picture.

--SUB : It's enable only in double Window model. A/D adjustment status of sub picture.

--COMP : Component input

--PC : PC input

--NTSC : NTSC (60 Hz) SD signal (composite input).

--PAL : PAL (50 Hz) SD signal (composite input).

--OK : A/D adjustment set correctly.

--NG : A/D adjustment set incorrect.

-- : A/D adjustment is not needed. Because its picture format isn't used.

(9) 100 Hz FPGA Software Version

It's enable only in 100 Hz drive panel model.

(10) Memory Data Version

Version information of EEPROM.

DRMA**** means model number of EEPROM.

REV** means version of EEPROM.

(11) CD number

CD information (ascii code). : Display 4 byte data.

(12) Model Name

Model name information (ascii code). : Display 7 byte data.

(13) LCD Panel Vendor information display

The following Panel Vender (DDD) and screen size (00) and resolution (EEE) are displayed.

Example : AUO-32 (1080p) indicates that Vender is AUO and Screen Size is 32 inch and Full HD panel.

Status Check Mode

1. Press "9" button thrice on remote control during display of adjustment menu in the service mode.

The status of this model will be checked.

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

* Status check display and Item are subject to the models.

Status check		
(1)	MAIN	: ***** ***** *****
(2)	MAIN FORMAT	: 1080i-60
(3)	MAIN PLL	: 00 11 22 33 44
(4)	SUB	: ***** ***** *****
(5)	SUB FORMAT	: 576i
(6)	SUB PLL	: 00 11 22 33 44
(7)	SCREEN SIZE	: Super live
(8)	OTHER STATUS	: 0000 0000 0000

- (1) MAIN :
- Main source information :
- Display RF position number (0 - 99) on the main screen, or Input Source (EXT1/2/3/HDMI etc.)
- (2) MAIN FORMAT :
- Display Video and PC format information
- (3) MAIN PLL :
- Main PLL information : Display 1 byte data at five.
- (4) SUB :
- Sub source information :
- Display RF position number (0 - 99) on the Sub screen, or Input Source (EXT1/2/3/HDMI etc.)
- This item displays only Double window model.
- (5) SUB FORMAT :
- Display Video and PC format information
- This item displays only Double window model.
- (6) SUB PLL :
- Sub PLL information : Display 1 byte data at five.
- This item displays only Double window model.
- (7) SCREEN SIZE :
- Display the screen size as follows.

Exact Scan
Wide
Super Live 2
Cinema 2
4:3
Super Live 1
Cinema 1
Subtitle
14:9

Note:

Exact Scan is shown only for 1080p panel model with video input mode except pc.

- (8) OTHER STATUS :
- Other status information : Display three numbers of 2 byte data.

Setting Hotel Mode

Enter to 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 table bellow.

To move the cursor in the adjustment, press ◀+ or ▶-.

1. By pressing P▲ or P▼, OPT2 setting will change the value either 1 or 0 on selected items as follows;

OP2

OPT2	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7)	- (no use)	-	-
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 input selector key (Video/TV)	Disable	Enable
D3 (bit3)	User remote control operation	Disable (Service mode and Supere User mode may possible to setting only)	Enable
D2 (bit2)	Disable SET UP MENU except language. (tuning SETUP MENU)	Disable (Display the language only)	Enable
D1 (bit1)	Disable SETUP MENU	Disable	Enable
D0 (bit0)	HOTEL Mode	On (Enable the setting of D1 from to D7)	Off (Normal)

VOLUX

Set VOLUX as following.

- 1) Set speaker volume to 100. (Any value is OK, but 100 is better to check sound level.)
- 2) Down value of VOLUX until finding suitable sound volume level.

VOLUX	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7) ~ D0 (bit0)	Max Limiter of Volume Control	0x00 ~ 0x7F (Normal: 0x7C)	

OP6

OPT6	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7)	Enable mode that POS or VIDEO program number will be appeared in forced when turn ON the main power	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.	

OP7

OPT7	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7)	Enable mode that speaker volume will be set in forced when turn ON the main power	Enable	Disable
D6 (bit6) ~	Forced speaker volume	0 ~ 100 [decimal] (Normal: 0)	

D0 (bit0)		Value above 100 is no effect.
-----------	--	-------------------------------

OP8

OPT8	FUNCTION DESCRIPTION	1	0 (Normal)
D7 (bit7) ~ D3 (bit3)	- (no use)	-	-
D2 (bit2)	Enable mode that picture mode will be set in forced when turn ON the main power	Enable (Display the language only)	Disable
D1 (bit1) ~ D0 (bit0)	Forced picture mode	0 [dec]: Dynamic (mode-1) (Normal) 1 [dec]: Standard (mode-2) 2 [dec]: Mild (mode-3) 3 [dec]: Memory (mode-M)	

LED Indication

The Green and Red LEDs on the TV (at the bottom center of the TV) indicate the TV's status, as described below.

- Red ON (solid) and Green OFF = The TV power cord is plugged in.

TECHNICAL BULLETIN

File Name	Title	issuing date
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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	LPL	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	75007869	LCD Panel, 32" LPL
B001B	75007870	LCD Panel, 32" AUO
MZ01A	75006036	LDVS Cable
MZ01B	75007893	LDVS Cable

PARTS LIST

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:

- 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 $\pm 5\%$, 50 V and all resistor, $\pm 5\%$, 1/6 W unless otherwise noted.

PARTS LIST

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PARTS LIST








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Block		Location	Parts No.	Description	AA	S	M	L	↑	↓
U01A POWER (PE0546)	*	U01A	75011628	PC BOARD ASSY, PE0546G, POWER						
U01A POWER (PE0546)	⚠	C801	76168107	CAPACITOR, PLASTIC FILM, 275V 1UF M, LE105-C						
U01A POWER (PE0546)	⚠	C802	76503513	CAPACITOR, PLASTIC FILM, LE474-C						
U01A POWER (PE0546)	⚠	C805	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)	⚠	C806	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)	⚠	C807	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)	⚠	C808	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C8110	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C8111	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8112	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C8192	75005709	CAPACITOR, CHIP CERA, 50V B 0.47UF K, GRM21BB31H474KA87L						
U01A POWER (PE0546)		C8193	75005709	CAPACITOR, CHIP CERA, 50V B 0.47UF K, GRM21BB31H474KA87L						
U01A POWER (PE0546)		C820	75010972	CAPACITOR, ELECTROLYTIC, 450V 221M 3D, LGN2W221MELGTL						
U01A POWER (PE0546)		C8201	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8202	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8203	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8204	76109681	CAPACITOR, CERAMIC CHIP, 50V B 680PF K						
U01A POWER (PE0546)		C8205	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8207	76092731	CAPACITOR, CERAMIC CHIP, 16V B 1UF K						
U01A POWER (PE0546)		C8208	76092738	CAPACITOR, CERAMIC CHIP, 25V B 0.47UF K						
U01A POWER (PE0546)		C8209	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8210	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8211	75005814	CAPACITOR, CERAMIC CHIP, 2012 GRM21BB31C106KE15L						
U01A POWER (PE0546)	⚠	C822	75010973	CAPACITOR, PLASTIC FILM, 450V 225J, 450MPK225J NF W7						
U01A POWER (PE0546)		C827	76092341	CAPACITOR, CERAMIC DISC, 2KV R 470PF K						
U01A POWER (PE0546)		C828	76092341	CAPACITOR, CERAMIC DISC, 2KV R 470PF K						
U01A POWER (PE0546)		C829	76214103	CAPACITOR, CERAMIC DISC, 500V B 0.01UF K						
U01A POWER (PE0546)		C830	76092347	CAPACITOR, CERAMIC DISC, 2KV R 1500PF K						
U01A POWER (PE0546)		C831	76092347	CAPACITOR, CERAMIC DISC, 2KV R 1500PF K						
U01A POWER (PE0546)		C832	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C835	76073090	CAPACITOR, ELECTROLYTIC, 50V 100UF M						
U01A POWER (PE0546)	⚠	C838	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C841	76092335	CAPACITOR, CERAMIC DISC, 2KV R 150PF K						
U01A POWER (PE0546)		C8411	76109681	CAPACITOR, CERAMIC CHIP, 50V B 680PF K						
U01A POWER (PE0546)		C842	76073050	CAPACITOR, ELECTROLYTIC, 25V 22UF M						
U01A POWER (PE0546)		C843	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C844	76073181	CAPACITOR, ELECTROLYTIC, 35V 56UF M						
U01A POWER (PE0546)		C845	76214471	CAPACITOR, CERAMIC DISC, 500V B 470PF K						
U01A POWER (PE0546)		C846	76073140	CAPACITOR, ELECTROLYTIC, 10V 680UF M						
U01A POWER (PE0546)		C847	76665471	CAPACITOR, ELECTROLYTIC, 10V 470UF M						
U01A POWER (PE0546)		C848	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C849	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C850	76214471	CAPACITOR, CERAMIC DISC, 500V B 470PF K						
U01A POWER (PE0546)		C860	76214103	CAPACITOR, CERAMIC DISC, 500V B 0.01UF K						
U01A POWER (PE0546)		C8601	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8602	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8603	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8604	76092542	CAPACITOR, CERAMIC CHIP, 16V B 1UF K						
U01A POWER (PE0546)		C8605	76109681	CAPACITOR, CERAMIC CHIP, 50V B 680PF K						
U01A POWER (PE0546)		C8606	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8607	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8608	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C861	76434100	CAPACITOR, CERAMIC DISC, 500V SL 10PF D						
U01A POWER (PE0546)		C862	76434100	CAPACITOR, CERAMIC DISC, 500V SL 10PF D						
U01A POWER (PE0546)		C863	76092335	CAPACITOR, CERAMIC DISC, 2KV R 150PF K						
U01A POWER (PE0546)		C864	76073198	CAPACITOR, ELECTROLYTIC, 50V 100UF M						
U01A POWER (PE0546)		C866	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C867	76435221	CAPACITOR, CERAMIC DISC, 500V SL 220PF J						
U01A POWER (PE0546)		C868	76435221	CAPACITOR, CERAMIC DISC, 500V SL 220PF J						
U01A POWER (PE0546)	⚠	C869	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)	⚠	C870	76503429	CAPACITOR, PLASTIC FILM, 3D2J683J-A7						
U01A POWER (PE0546)		C8702	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C872	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C873	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C874	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C876	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C878	76073203	CAPACITOR, ELECTROLYTIC, 50V 270UF M						
U01A POWER (PE0546)		C879	76073082	CAPACITOR, ELECTROLYTIC, 50V 2.2UF M						
U01A POWER (PE0546)		C8790	76092178	CAPACITOR, CERAMIC CHIP, 25V B 0.1UF K						
U01A POWER (PE0546)		C885	76073084	CAPACITOR, ELECTROLYTIC, 50V 4.7UF M						
U01A POWER (PE0546)		C887	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C8901	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K						
U01A POWER (PE0546)		C8902	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K						
U01A POWER (PE0546)		C8903	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K						

U01A POWER (PE0546)		C8904	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8905	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8906	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8907	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8908	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8909	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		CE90	76073182	CAPACITOR, ELECTROLYTIC, 35V 150UF M
U01A POWER (PE0546)		CE901	75005814	CAPACITOR, CERAMIC CHIP, 2012 GRM21BB31C106KE15L
U01A POWER (PE0546)		CE902	76073182	CAPACITOR, ELECTROLYTIC, 35V 150UF M
U01A POWER (PE0546)		CE903	76109471	CAPACITOR, CERAMIC CHIP, 50V B 470PF K
U01A POWER (PE0546)		CE904	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		CE906	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		CE91	75004442	CAPACITOR, CERAMIC CHIP, 50V B 1UF K
U01A POWER (PE0546)		CE92	75005814	CAPACITOR, CERAMIC CHIP, 2012 GRM21BB31C106KE15L
U01A POWER (PE0546)	⚠	D809	75010691	VARISTOR, V1MA=470V 1TIME= 3500A, ERZV10V471CS
U01A POWER (PE0546)		D811	23357738	DIODE, ZENER, MA8047-L
U01A POWER (PE0546)		D820	75010975	DIODE, D15XB60-7009F07
U01A POWER (PE0546)		D8206	23357771	DIODE, ZENER, MA8120-M
U01A POWER (PE0546)		D8208	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D820B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D821	75010919	DIODE, FMN-2206S
U01A POWER (PE0546)		D821B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D822	75010920	DIODE, RM10A LF-A1
U01A POWER (PE0546)		D840	23357513	DIODE, EU2A
U01A POWER (PE0546)		D841	23362268	DIODE, 1SS133-B/P
U01A POWER (PE0546)		D842	23362296	DIODE, ZENER, ZJ5.6B-26MM
U01A POWER (PE0546)		D843	23362314	DIODE, ZENER, ZJ10B-26MM
U01A POWER (PE0546)		D844	23357513	DIODE, EU2A
U01A POWER (PE0546)		D846	23362362	DIODE, ZENER, ZJ39B-26MM
U01A POWER (PE0546)		D847	23362043	DIODE, ZENER, UDZS8.2B
U01A POWER (PE0546)		D848	23362043	DIODE, ZENER, UDZS8.2B
U01A POWER (PE0546)		D849	23362044	DIODE, ZENER, UDZS9.1B
U01A POWER (PE0546)		D8512	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D8513	23357762	DIODE, ZENER, MA8091-M
U01A POWER (PE0546)		D860	23357893	DIODE, ZENER, MTZJ27C
U01A POWER (PE0546)		D861	23357851	DIODE, ZENER, MTZJ9.1B
U01A POWER (PE0546)		D8612	23357738	DIODE, ZENER, MA8047-L
U01A POWER (PE0546)		D862	23357851	DIODE, ZENER, MTZJ9.1B
U01A POWER (PE0546)		D863	23357865	DIODE, ZENER, MTZJ12B
U01A POWER (PE0546)		D864	23357512	DIODE, AL01Z
U01A POWER (PE0546)		D8640	23362268	DIODE, 1SS133-B/P
U01A POWER (PE0546)		D865	23357511	DIODE, AG01A
U01A POWER (PE0546)		D866	23357865	DIODE, ZENER, MTZJ12B
U01A POWER (PE0546)		D867	23357893	DIODE, ZENER, MTZJ27C
U01A POWER (PE0546)		D868	23357851	DIODE, ZENER, MTZJ9.1B
U01A POWER (PE0546)		D869	23357905	DIODE, ZENER, MTZJ36C
U01A POWER (PE0546)		D8690	23357831	DIODE, ZENER, MTZJ4.7B
U01A POWER (PE0546)		D870	75002031	DIODE, FMW-24L
U01A POWER (PE0546)		D8701	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D8702	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D8705	23357796	DIODE, ZENER, MA8270-M
U01A POWER (PE0546)		D8706	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D870B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D871	75002031	DIODE, FMW-24L
U01A POWER (PE0546)		D871B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D872	75002164	DIODE, FMEN-220A(LF023-108)
U01A POWER (PE0546)		D872B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D873	75002164	DIODE, FMEN-220A(LF023-108)
U01A POWER (PE0546)		D873B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D874	75002032	DIODE, FMW-2106
U01A POWER (PE0546)		D8881	23357703	DIODE, 1SS355
U01A POWER (PE0546)		DE90	75009328	DIODE, RB055L-40
U01A POWER (PE0546)		DE901	23357703	DIODE, 1SS355
U01A POWER (PE0546)		DE91	23357871	DIODE, ZENER, MTZJ15B
U01A POWER (PE0546)		DE92	23362125	DIODE, ZENER, UDZS 13B
U01A POWER (PE0546)	⚠	F801	75007514	FUSE, CARTRIDGE 5.2X20, FSL 250V 8A (EM)
U01A POWER (PE0546)		F801A	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)		F801B	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)	⚠	F820	75007513	FUSE, CARTRIDGE 5.2X20, FSL 250V 2.5A (EM)
U01A POWER (PE0546)		F820A	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)		F820B	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)	⚠	F840	23144374	FUSE, RADIAL LEAD SUB-MINIATUR, 250V 0.8A
U01A POWER (PE0546)	⚠	F870	75004071	FUSE, RADIAL, 5RT 2A
U01A POWER (PE0546)	⚠	F871	75005791	FUSE, RADIAL, 5RT 5A
U01A POWER (PE0546)		GR838	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)		GR90	76000445	CHIP JUMPER, 1608TYPE

U01A POWER (PE0546)		IC820	75010921	IC, R2A20112SP#W0
U01A POWER (PE0546)		L820	23248466	COIL, CHOKE, TLN3551AH
U01A POWER (PE0546)		L8201	23103828	BEAD INDUCTOR, TEM2121M
U01A POWER (PE0546)		L821	23248466	COIL, CHOKE, TLN3551AH
U01A POWER (PE0546)		L822	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L823	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L824	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L825	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L826	23103330	FERRITE CHOKE, 3.5X5X2, TEM2014AH
U01A POWER (PE0546)		L827	23103330	FERRITE CHOKE, 3.5X5X2, TEM2014AH
U01A POWER (PE0546)		L840	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L841	23248387	COIL, CHOKE, TLN3499AA
U01A POWER (PE0546)		L860	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L862	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L869	23103330	FERRITE CHOKE, 3.5X5X2, TEM2014AH
U01A POWER (PE0546)		L870	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L871	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L872	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L873	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L874	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L875	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L888	75010908	COIL, CHOKE, 1.5MMH 8A, 8NB-1R5A
U01A POWER (PE0546)		L889	23248388	COIL, CHOKE, TLN3515AA
U01A POWER (PE0546)		LE91	75010909	COIL, CHOKE, 15MMH M 4.0A, RCR1010NP-150M
U01A POWER (PE0546)		P801A	23713702	PLUG, 2P 11.88MM W VT
U01A POWER (PE0546)		P810A	23713941	CONNECTOR, B9B-PH-K-S(LF)
U01A POWER (PE0546)		P811A	75008267	CONNECTOR, W-B 2.0MM 14P VERTICAL, B14B-PH-K-S(LF)(SN)
U01A POWER (PE0546)		P860	23713942	CONNECTOR, 10P, B10B-PH-K-S(LF)
U01A POWER (PE0546)		P861	23713942	CONNECTOR, 10P, B10B-PH-K-S(LF)
U01A POWER (PE0546)		PG01	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG02	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG03	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG04	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG05	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		Q8110	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8111	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8112	23205276	TRANSISTOR, 2SA1586Y(TE85L, F)
U01A POWER (PE0546)		Q813	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q8162	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8163	23205276	TRANSISTOR, 2SA1586Y(TE85L, F)
U01A POWER (PE0546)		Q8191	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8194	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q820	75010917	TRANSISTOR, FCPF11N60T
U01A POWER (PE0546)		Q8201	23205276	TRANSISTOR, 2SA1586Y(TE85L, F)
U01A POWER (PE0546)		Q8202	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8203	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8205	23205328	TRANSISTOR, RN1405(F)
U01A POWER (PE0546)		Q8206	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q820B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		Q821	75010917	TRANSISTOR, FCPF11N60T
U01A POWER (PE0546)		Q821B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		Q8220	75010918	TRANSISTOR, QSZ2TR
U01A POWER (PE0546)		Q8221	75010918	TRANSISTOR, QSZ2TR
U01A POWER (PE0546)		Q824	23205339	TRANSISTOR, 2SC2655-Y(F)
U01A POWER (PE0546)		Q829	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q840	23135083	IC, STRA6169
U01A POWER (PE0546)		Q841	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q842	75010397	IC, TA76431S(TPE6, F)
U01A POWER (PE0546)		Q8512	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q860	75010922	IC, STR-Z2589
U01A POWER (PE0546)		Q860B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		Q8611	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8612	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q862	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q8661	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q867	23205340	TRANSISTOR, 2SA1020-Y(F)
U01A POWER (PE0546)		Q870	75010397	IC, TA76431S(TPE6, F)
U01A POWER (PE0546)		Q8880	75010916	TRANSISTOR, TPC8117(TE12L, Q)
U01A POWER (PE0546)		Q8881	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		QE90	75005723	IC, MP1591DS-LF-Z
U01A POWER (PE0546)		QE901	23205358	TRANSISTOR, KTC3875S Y/P
U01A POWER (PE0546)		QE902	23205330	TRANSISTOR, RN1403(F)
U01A POWER (PE0546)		R801	76017004	RESISTOR, METAL GLAZE 1/2W 510K J
U01A POWER (PE0546)		R809	76004718	RESISTOR, METAL GLAZE, 1/2W 8.2M OHM J
U01A POWER (PE0546)		R8110	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8111	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)

U01A POWER (PE0546)		R8112	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8113	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8114	75006571	RESISTOR, CR1/16 563DV
U01A POWER (PE0546)		R8115	76011472	RESISTOR, CHIP, 1/20W 4.7K OHM J
U01A POWER (PE0546)		R8116	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8117	76011822	RESISTOR, CHIP, 1/20W 8.2K OHM J
U01A POWER (PE0546)		R8118	76011822	RESISTOR, CHIP, 1/20W 8.2K OHM J
U01A POWER (PE0546)		R8120	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8121	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8122	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8123	76011222	RESISTOR, CHIP, 1/20W 2.2K OHM J
U01A POWER (PE0546)		R8124	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8125	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8126	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8127	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8150	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8151	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8152	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8153	76011222	RESISTOR, CHIP, 1/20W 2.2K OHM J
U01A POWER (PE0546)		R8154	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R8155	76011222	RESISTOR, CHIP, 1/20W 2.2K OHM J
U01A POWER (PE0546)		R8156	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8157	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R8158	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8159	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8160	76011151	RESISTOR, CHIP, 1/20W 150 OHM J
U01A POWER (PE0546)		R820	75010906	RESISTOR, CEMENT, 3W 0.027 OHM J, RGC302-27-MOHM-J/C
U01A POWER (PE0546)		R8201	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8202	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8203	75006064	RESISTOR, CR1/16 223DV
U01A POWER (PE0546)		R8204	76011684	RESISTOR, CHIP, 1/20W 680K OHM J
U01A POWER (PE0546)		R8205	76011221	RESISTOR, CHIP, 1/20W 220 OHM J
U01A POWER (PE0546)		R8206	76011221	RESISTOR, CHIP, 1/20W 220 OHM J
U01A POWER (PE0546)		R8207	76011104	RESISTOR, CHIP, 1/20W 100K OHM J
U01A POWER (PE0546)		R8208	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8209	76011563	RESISTOR, CHIP, 1/20W 56K OHM J
U01A POWER (PE0546)		R821	75010906	RESISTOR, CEMENT, 3W 0.027 OHM J, RGC302-27-MOHM-J/C
U01A POWER (PE0546)		R8210	76011104	RESISTOR, CHIP, 1/20W 100K OHM J
U01A POWER (PE0546)		R8211	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8212	76011100	RESISTOR, CHIP, 1/20W 10 OHM J
U01A POWER (PE0546)		R822	76552620	RESISTOR, OXIDE METAL FILM, 1/2W 620J
U01A POWER (PE0546)		R8220	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8221	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8222	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8223	76000576	CHIP JUMPER, 3216TYPE
U01A POWER (PE0546)		R8224	76000576	CHIP JUMPER, 3216TYPE
U01A POWER (PE0546)		R8225	75006063	RESISTOR, CR1/16 183DV
U01A POWER (PE0546)		R8226	75008737	RESISTOR, CR1/16 122DV
U01A POWER (PE0546)		R8227	76011151	RESISTOR, CHIP, 1/20W 150 OHM J
U01A POWER (PE0546)		R823	76552620	RESISTOR, OXIDE METAL FILM, 1/2W 620J
U01A POWER (PE0546)		R8230	76872683	RESISTOR, CHIP, 1/16W 68K OHM J
U01A POWER (PE0546)		R8231	76872683	RESISTOR, CHIP, 1/16W 68K OHM J
U01A POWER (PE0546)		R8232	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R8233	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R824	76871510	RESISTOR, CHIP, 1/8W 51 OHM J
U01A POWER (PE0546)		R8240	76011472	RESISTOR, CHIP, 1/20W 4.7K OHM J
U01A POWER (PE0546)		R8241	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8242	76872332	RESISTOR, CHIP, 1/16W 3.3K OHM J
U01A POWER (PE0546)		R825	76871510	RESISTOR, CHIP, 1/8W 51 OHM J
U01A POWER (PE0546)		R8293	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R840	76382823	RESISTOR, OXIDE METAL FILM, 1W 82K OHM J
U01A POWER (PE0546)		R8403	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R8404	75006570	RESISTOR, CR1/16 472DV
U01A POWER (PE0546)		R8405	75006570	RESISTOR, CR1/16 472DV
U01A POWER (PE0546)		R8406	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8407	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8408	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R841	76381150	RESISTOR, OXIDE METAL FILM, 1/2W 15 OHM J
U01A POWER (PE0546)		R842	76988035	RESISTOR, METAL FILM, 1W 2.2 OHM J
U01A POWER (PE0546)		R844	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R850	75007626	RESISTOR, CEMENT, 2.1W 1.8 OHM J
U01A POWER (PE0546)		R8512	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8513	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R853	76382331	RESISTOR, OXIDE METAL FILM, 1W 330 OHM J
U01A POWER (PE0546)		R8601	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8602	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)













U01A POWER (PE0546)		R8603	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8604	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8605	76011273	RESISTOR, CHIP, 1/20W 27K OHM J
U01A POWER (PE0546)		R8606	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)		R861	76552100	RESISTOR, OXIDE METAL FILM, 1/2W 10 OHM J
U01A POWER (PE0546)		R8620	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8621	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8622	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8623	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8624	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8625	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8626	76011123	RESISTOR, CHIP, 1/20W 12K OHM J
U01A POWER (PE0546)		R8627	76011683	RESISTOR, CHIP, 1/20W 68K OHM J
U01A POWER (PE0546)		R863	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R864	76381100	RESISTOR, OXIDE METAL FILM, 1/2W 10 OHM J
U01A POWER (PE0546)		R865	76011105	RESISTOR, CHIP, 1/20W 1M OHM J
U01A POWER (PE0546)		R866	76552100	RESISTOR, OXIDE METAL FILM, 1/2W 10 OHM J
U01A POWER (PE0546)		R867	76552471	RESISTOR, OXIDE METAL FILM, 1/2W 470 OHM J
U01A POWER (PE0546)		R868	76552121	RESISTOR, OXIDE METAL FILM, 1/2W 120 OHM J
U01A POWER (PE0546)		R869	76552121	RESISTOR, OXIDE METAL FILM, 1/2W 120 OHM J
U01A POWER (PE0546)		R8701	75006062	RESISTOR, CR1/16 153DV
U01A POWER (PE0546)		R8702	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)		R8703	75004055	RESISTOR, CR1/16 152DV
U01A POWER (PE0546)		R8704	76011221	RESISTOR, CHIP, 1/20W 220 OHM J
U01A POWER (PE0546)		R8705	76011332	RESISTOR, CHIP, 1/20W 3.3K OHM J
U01A POWER (PE0546)		R8706	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R8707	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)		R8708	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R8710	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R8711	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R8880	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R8881	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8882	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8883	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8884	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8885	76011153	RESISTOR, CHIP, 1/20W 15K OHM J
U01A POWER (PE0546)		RE901	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		RE902	76011392	RESISTOR, CHIP, 1/20W 3.9K OHM J
U01A POWER (PE0546)		RE903	76871222	RESISTOR, CHIP, 1/8W 2.2K OHM J
U01A POWER (PE0546)		RE904	76871222	RESISTOR, CHIP, 1/8W 2.2K OHM J
U01A POWER (PE0546)		RE905	76011104	RESISTOR, CHIP, 1/20W 100K OHM J
U01A POWER (PE0546)		RE906	76011104	RESISTOR, CHIP, 1/20W 100K OHM J
U01A POWER (PE0546)		RE907	76011682	RESISTOR, CHIP, 1/20W 6.8K OHM J
U01A POWER (PE0546)		RE909	75010905	RESISTOR, CR1/16 823DV
U01A POWER (PE0546)		RE950	76011220	RESISTOR, CHIP, 1/20W 22 OHM J
U01A POWER (PE0546)		RE951	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)		RE952	75006060	RESISTOR, CR1/16 103DV
U01A POWER (PE0546)		RE953	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)	⚠	SR81	23146584	RELAY, DC12V, TV5, DG-3
U01A POWER (PE0546)	⚠	T801	75011063	FILTER, LF 30*30*H24.5 5MH 3.2A, ET28H-502A
U01A POWER (PE0546)	⚠	T802	75011063	FILTER, LF 30*30*H24.5 5MH 3.2A, ET28H-502A
U01A POWER (PE0546)	⚠	T820	75010912	TRANSFORMER, ST-3783
U01A POWER (PE0546)	⚠	T821	75010912	TRANSFORMER, ST-3783
U01A POWER (PE0546)	⚠	T840	75010910	TRANSFORMER, E16-TR502
U01A POWER (PE0546)	⚠	T860	75010911	TRANSFORMER, SRX48EX-W241812G0981
U03A AC-SW (PE0533)	*	U03A	75011068	PC BOARD ASSY, PE0533A1, AC-SW
U03A AC-SW (PE0533)	⚠	F850	75005842	FUSE, CARTRIDGE 5.2X20, FSL 250V 6.3A (EM)
U03A AC-SW (PE0533)		F850A	23165433	FUSE HOLDER, 5.2
U03A AC-SW (PE0533)		F850B	23165433	FUSE HOLDER, 5.2
U03A AC-SW (PE0533)	⚠	P801B	23757043	CONNECTOR, PLUG, B02B-VT-K(LF)(SN)
U03A AC-SW (PE0533)	⚠	P801C	23713702	PLUG, 2P 11.88MM W VT
U03A AC-SW (PE0533)	⚠	S801	75011067	SWITCH, PSE POWER, KDC-A02-F
U03A AC-SW (PE0533)	⚠	T850	75010099	FILTER, TF2722H-A801Y5R0-02
U04A LED (PE0534)	*	U04A	75011070	PC BOARD ASSY, PE0534A1, LED
U04A LED (PE0534)		CB06	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z
U04A LED (PE0534)		CB07	76619157	CAPACITOR, ELECTROLYTIC CHIP, 16V 100UF
U04A LED (PE0534)		DB01	75009054	DIODE, LED, SML-020MLT T86
U04A LED (PE0534)		DB04	75009054	DIODE, LED, SML-020MLT T86
U04A LED (PE0534)		P522B	23713948	CONNECTOR, S6B-PH-K-S(LF)
U04A LED (PE0534)		QB01	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)
U04A LED (PE0534)		QB02	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)
U04A LED (PE0534)		QB03	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)
U04A LED (PE0534)		QB04	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)
U04A LED (PE0534)		RB10	76011181	RESISTOR, CHIP, 1/20W 180 OHM J
U04A LED (PE0534)		RB11	76011271	RESISTOR, CHIP, 1/20W 270 OHM J
U04A LED (PE0534)		RB12	76011181	RESISTOR, CHIP, 1/20W 180 OHM J

U04A LED (PE0534)		RB13	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U04A LED (PE0534)		RB14	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U04A LED (PE0534)		RB15	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U04A LED (PE0534)		RB16	76011271	RESISTOR, CHIP, 1/20W 270 OHM J
U04A LED (PE0534)		RB18	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U04B RMT (PE0534)	*	U04B	75011071	PC BOARD ASSY, PE0534A2, RMT
U04B RMT (PE0534)		CB02	76619157	CAPACITOR, ELECTROLYTIC CHIP, 16V 100UF
U04B RMT (PE0534)		CB03	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z
U04B RMT (PE0534)		CB04	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z
U04B RMT (PE0534)		CB05	76619157	CAPACITOR, ELECTROLYTIC CHIP, 16V 100UF
U04B RMT (PE0534)		CB211	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z
U04B RMT (PE0534)		CB212	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z
U04B RMT (PE0534)		DB21	75011069	OPTICAL DEVICE, PHOTO, S10604
U04B RMT (PE0534)		DB22	23362251	DIODE, SDS511(SOD-323)
U04B RMT (PE0534)		DB23	23362251	DIODE, SDS511(SOD-323)
U04B RMT (PE0534)		GB04	23362042	DIODE, ZENER, UDZS6.8B
U04B RMT (PE0534)		KB01	75002236	IC, GP1UE261RKVF
U04B RMT (PE0534)		RB08	76011470	RESISTOR, CHIP, 1/20W 47 OHM J
U04B RMT (PE0534)		RB09	76011470	RESISTOR, CHIP, 1/20W 47 OHM J
U04B RMT (PE0534)		RB224	76000445	CHIP JUMPER, 1608TYPE
U05AS MAIN (PE0535)	*	U05AS	75011361	PC BOARD ASSY, PE0535B, MAIN
U05AS MAIN (PE0535)		B320	75011088	ACCESSORY FOR SCREW
U05AS MAIN (PE0535)		B321	75011088	ACCESSORY FOR SCREW
U05AS MAIN (PE0535)		C1002	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1003	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1005	75007603	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1006	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1007	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1008	75009874	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C1009	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C1010	75009861	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C1013	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1014	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C1015	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1016	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C1017	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1019	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1020	75009861	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C1021	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1022	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1023	75009861	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C1024	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1025	75009874	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C1026	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1027	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1029	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1030	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1031	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1032	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1033	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1034	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1036	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1037	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1041	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1042	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1043	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1044	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1045	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1046	75010712	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C1047	75009867	CHIP CERAMIC CAPACITOR (1005)
				
				
				








PARTS LIST




Block : U01A POWER (PE0546)

Loading ...

Block		Location	Parts No.	Description	AA	S	M	L		
U01A POWER (PE0546)	*	U01A	75011628	PC BOARD ASSY, PE0546G, POWER						
U01A POWER (PE0546)		C801	76168107	CAPACITOR, PLASTIC FILM, 275V 1UF M, LE105-C						
U01A POWER (PE0546)		C802	76503513	CAPACITOR, PLASTIC FILM, LE474-C						
U01A POWER (PE0546)		C805	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C806	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C807	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C808	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C8110	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C8111	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8112	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C8192	75005709	CAPACITOR, CHIP CERA, 50V B 0.47UF K, GRM21BB31H474KA87L						
U01A POWER (PE0546)		C8193	75005709	CAPACITOR, CHIP CERA, 50V B 0.47UF K, GRM21BB31H474KA87L						
U01A POWER (PE0546)		C820	75010972	CAPACITOR, ELECTROLYTIC, 450V 221M 3D, LGN2W221MELGTL						
U01A POWER (PE0546)		C8201	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8202	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8203	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8204	76109681	CAPACITOR, CERAMIC CHIP, 50V B 680PF K						
U01A POWER (PE0546)		C8205	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8207	76092731	CAPACITOR, CERAMIC CHIP, 16V B 1UF K						
U01A POWER (PE0546)		C8208	76092738	CAPACITOR, CERAMIC CHIP, 25V B 0.47UF K						
U01A POWER (PE0546)		C8209	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8210	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8211	75005814	CAPACITOR, CERAMIC CHIP, 2012 GRM21BB31C106KE15L						
U01A POWER (PE0546)		C822	75010973	CAPACITOR, PLASTIC FILM, 450V 225J, 450MPK225J NF W7						
U01A POWER (PE0546)		C827	76092341	CAPACITOR, CERAMIC DISC, 2KV R 470PF K						
U01A POWER (PE0546)		C828	76092341	CAPACITOR, CERAMIC DISC, 2KV R 470PF K						
U01A POWER (PE0546)		C829	76214103	CAPACITOR, CERAMIC DISC, 500V B 0.01UF K						
U01A POWER (PE0546)		C830	76092347	CAPACITOR, CERAMIC DISC, 2KV R 1500PF K						
U01A POWER (PE0546)		C831	76092347	CAPACITOR, CERAMIC DISC, 2KV R 1500PF K						
U01A POWER (PE0546)		C832	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C835	76073090	CAPACITOR, ELECTROLYTIC, 50V 100UF M						
U01A POWER (PE0546)		C838	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C841	76092335	CAPACITOR, CERAMIC DISC, 2KV R 150PF K						
U01A POWER (PE0546)		C8411	76109681	CAPACITOR, CERAMIC CHIP, 50V B 680PF K						
U01A POWER (PE0546)		C842	76073050	CAPACITOR, ELECTROLYTIC, 25V 22UF M						
U01A POWER (PE0546)		C843	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C844	76073181	CAPACITOR, ELECTROLYTIC, 35V 56UF M						
U01A POWER (PE0546)		C845	76214471	CAPACITOR, CERAMIC DISC, 500V B 470PF K						
U01A POWER (PE0546)		C846	76073140	CAPACITOR, ELECTROLYTIC, 10V 680UF M						
U01A POWER (PE0546)		C847	76665471	CAPACITOR, ELECTROLYTIC, 10V 470UF M						
U01A POWER (PE0546)		C848	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C849	76092730	CAPACITOR, CERAMIC CHIP, 16V B 0.1UF K						
U01A POWER (PE0546)		C850	76214471	CAPACITOR, CERAMIC DISC, 500V B 470PF K						
U01A POWER (PE0546)		C860	76214103	CAPACITOR, CERAMIC DISC, 500V B 0.01UF K						
U01A POWER (PE0546)		C8601	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8602	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8603	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C8604	76092542	CAPACITOR, CERAMIC CHIP, 16V B 1UF K						
U01A POWER (PE0546)		C8605	76109681	CAPACITOR, CERAMIC CHIP, 50V B 680PF K						
U01A POWER (PE0546)		C8606	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8607	76109102	CAPACITOR, CERAMIC CHIP, 50V B 1000PF K						
U01A POWER (PE0546)		C8608	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C861	76434100	CAPACITOR, CERAMIC DISC, 500V SL 10PF D						
U01A POWER (PE0546)		C862	76434100	CAPACITOR, CERAMIC DISC, 500V SL 10PF D						
U01A POWER (PE0546)		C863	76092335	CAPACITOR, CERAMIC DISC, 2KV R 150PF K						
U01A POWER (PE0546)		C864	76073198	CAPACITOR, ELECTROLYTIC, 50V 100UF M						
U01A POWER (PE0546)		C866	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C867	76435221	CAPACITOR, CERAMIC DISC, 500V SL 220PF J						
U01A POWER (PE0546)		C868	76435221	CAPACITOR, CERAMIC DISC, 500V SL 220PF J						
U01A POWER (PE0546)		C869	76092565	CAPACITOR, CERAMIC DISC, AC250V B 470PF K						
U01A POWER (PE0546)		C870	76503429	CAPACITOR, PLASTIC FILM, 3D2J683J-A7						
U01A POWER (PE0546)		C8702	76092883	CAPACITOR, CERAMIC CHIP, 50V B 0.1UF K						
U01A POWER (PE0546)		C872	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C873	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C874	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C876	76073189	CAPACITOR, ELECTROLYTIC, 35V 1000UF M						
U01A POWER (PE0546)		C878	76073203	CAPACITOR, ELECTROLYTIC, 50V 270UF M						
U01A POWER (PE0546)		C879	76073082	CAPACITOR, ELECTROLYTIC, 50V 2.2UF M						
U01A POWER (PE0546)		C8790	76092178	CAPACITOR, CERAMIC CHIP, 25V B 0.1UF K						
U01A POWER (PE0546)		C885	76073084	CAPACITOR, ELECTROLYTIC, 50V 4.7UF M						
U01A POWER (PE0546)		C887	76073087	CAPACITOR, ELECTROLYTIC, 50V 22UF M						
U01A POWER (PE0546)		C8901	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K						
U01A POWER (PE0546)		C8902	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K						
U01A POWER (PE0546)		C8903	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K						

U01A POWER (PE0546)		C8904	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8905	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8906	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8907	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8908	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		C8909	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		CE90	76073182	CAPACITOR, ELECTROLYTIC, 35V 150UF M
U01A POWER (PE0546)		CE901	75005814	CAPACITOR, CERAMIC CHIP, 2012 GRM21BB31C106KE15L
U01A POWER (PE0546)		CE902	76073182	CAPACITOR, ELECTROLYTIC, 35V 150UF M
U01A POWER (PE0546)		CE903	76109471	CAPACITOR, CERAMIC CHIP, 50V B 470PF K
U01A POWER (PE0546)		CE904	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		CE906	76109103	CAPACITOR, CERAMIC CHIP, 50V B 0.01UF K
U01A POWER (PE0546)		CE91	75004442	CAPACITOR, CERAMIC CHIP, 50V B 1UF K
U01A POWER (PE0546)		CE92	75005814	CAPACITOR, CERAMIC CHIP, 2012 GRM21BB31C106KE15L
U01A POWER (PE0546)	⚠	D809	75010691	VARISTOR, V1MA=470V 1TIME= 3500A, ERZV10V471CS
U01A POWER (PE0546)		D811	23357738	DIODE, ZENER, MA8047-L
U01A POWER (PE0546)		D820	75010975	DIODE, D15XB60-7009F07
U01A POWER (PE0546)		D8206	23357771	DIODE, ZENER, MA8120-M
U01A POWER (PE0546)		D8208	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D820B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D821	75010919	DIODE, FMN-2206S
U01A POWER (PE0546)		D821B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D822	75010920	DIODE, RM10A LF-A1
U01A POWER (PE0546)		D840	23357513	DIODE, EU2A
U01A POWER (PE0546)		D841	23362268	DIODE, 1SS133-B/P
U01A POWER (PE0546)		D842	23362296	DIODE, ZENER, ZJ5.6B-26MM
U01A POWER (PE0546)		D843	23362314	DIODE, ZENER, ZJ10B-26MM
U01A POWER (PE0546)		D844	23357513	DIODE, EU2A
U01A POWER (PE0546)		D846	23362362	DIODE, ZENER, ZJ39B-26MM
U01A POWER (PE0546)		D847	23362043	DIODE, ZENER, UDZS8.2B
U01A POWER (PE0546)		D848	23362043	DIODE, ZENER, UDZS8.2B
U01A POWER (PE0546)		D849	23362044	DIODE, ZENER, UDZS9.1B
U01A POWER (PE0546)		D8512	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D8513	23357762	DIODE, ZENER, MA8091-M
U01A POWER (PE0546)		D860	23357893	DIODE, ZENER, MTZJ27C
U01A POWER (PE0546)		D861	23357851	DIODE, ZENER, MTZJ9.1B
U01A POWER (PE0546)		D8612	23357738	DIODE, ZENER, MA8047-L
U01A POWER (PE0546)		D862	23357851	DIODE, ZENER, MTZJ9.1B
U01A POWER (PE0546)		D863	23357865	DIODE, ZENER, MTZJ12B
U01A POWER (PE0546)		D864	23357512	DIODE, AL01Z
U01A POWER (PE0546)		D8640	23362268	DIODE, 1SS133-B/P
U01A POWER (PE0546)		D865	23357511	DIODE, AG01A
U01A POWER (PE0546)		D866	23357865	DIODE, ZENER, MTZJ12B
U01A POWER (PE0546)		D867	23357893	DIODE, ZENER, MTZJ27C
U01A POWER (PE0546)		D868	23357851	DIODE, ZENER, MTZJ9.1B
U01A POWER (PE0546)		D869	23357905	DIODE, ZENER, MTZJ36C
U01A POWER (PE0546)		D8690	23357831	DIODE, ZENER, MTZJ4.7B
U01A POWER (PE0546)		D870	75002031	DIODE, FMW-24L
U01A POWER (PE0546)		D8701	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D8702	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D8705	23357796	DIODE, ZENER, MA8270-M
U01A POWER (PE0546)		D8706	23357703	DIODE, 1SS355
U01A POWER (PE0546)		D870B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D871	75002031	DIODE, FMW-24L
U01A POWER (PE0546)		D871B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D872	75002164	DIODE, FMEN-220A(LF023-108)
U01A POWER (PE0546)		D872B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D873	75002164	DIODE, FMEN-220A(LF023-108)
U01A POWER (PE0546)		D873B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		D874	75002032	DIODE, FMW-2106
U01A POWER (PE0546)		D8881	23357703	DIODE, 1SS355
U01A POWER (PE0546)		DE90	75009328	DIODE, RB055L-40
U01A POWER (PE0546)		DE901	23357703	DIODE, 1SS355
U01A POWER (PE0546)		DE91	23357871	DIODE, ZENER, MTZJ15B
U01A POWER (PE0546)		DE92	23362125	DIODE, ZENER, UDZS 13B
U01A POWER (PE0546)	⚠	F801	75007514	FUSE, CARTRIDGE 5.2X20, FSL 250V 8A (EM)
U01A POWER (PE0546)		F801A	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)		F801B	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)	⚠	F820	75007513	FUSE, CARTRIDGE 5.2X20, FSL 250V 2.5A (EM)
U01A POWER (PE0546)		F820A	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)		F820B	23165433	FUSE HOLDER, 5.2
U01A POWER (PE0546)	⚠	F840	23144374	FUSE, RADIAL LEAD SUB-MINIATUR, 250V 0.8A
U01A POWER (PE0546)	⚠	F870	75004071	FUSE, RADIAL, 5RT 2A
U01A POWER (PE0546)	⚠	F871	75005791	FUSE, RADIAL, 5RT 5A
U01A POWER (PE0546)		GR838	76000445	CHIP JUMPER, 1608TYPE
U01A POWER (PE0546)		GR90	76000445	CHIP JUMPER, 1608TYPE

U01A POWER (PE0546)		IC820	75010921	IC, R2A20112SP#W0
U01A POWER (PE0546)		L820	23248466	COIL, CHOKE, TLN3551AH
U01A POWER (PE0546)		L8201	23103828	BEAD INDUCTOR, TEM2121M
U01A POWER (PE0546)		L821	23248466	COIL, CHOKE, TLN3551AH
U01A POWER (PE0546)		L822	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L823	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L824	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L825	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L826	23103330	FERRITE CHOKE, 3.5X5X2, TEM2014AH
U01A POWER (PE0546)		L827	23103330	FERRITE CHOKE, 3.5X5X2, TEM2014AH
U01A POWER (PE0546)		L840	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L841	23248387	COIL, CHOKE, TLN3499AA
U01A POWER (PE0546)		L860	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L862	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L869	23103330	FERRITE CHOKE, 3.5X5X2, TEM2014AH
U01A POWER (PE0546)		L870	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L871	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L872	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L873	23103320	COIL, CHOKE, TEM2011
U01A POWER (PE0546)		L874	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L875	23103304	FERRITE CHOKE, TEM2011AA
U01A POWER (PE0546)		L888	75010908	COIL, CHOKE, 1.5MMH 8A, 8NB-1R5A
U01A POWER (PE0546)		L889	23248388	COIL, CHOKE, TLN3515AA
U01A POWER (PE0546)		LE91	75010909	COIL, CHOKE, 15MMH M 4.0A, RCR1010NP-150M
U01A POWER (PE0546)		P801A	23713702	PLUG, 2P 11.88MM W VT
U01A POWER (PE0546)		P810A	23713941	CONNECTOR, B9B-PH-K-S(LF)
U01A POWER (PE0546)		P811A	75008267	CONNECTOR, W-B 2.0MM 14P VERTICAL, B14B-PH-K-S(LF)(SN)
U01A POWER (PE0546)		P860	23713942	CONNECTOR, 10P, B10B-PH-K-S(LF)
U01A POWER (PE0546)		P861	23713942	CONNECTOR, 10P, B10B-PH-K-S(LF)
U01A POWER (PE0546)		PG01	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG02	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG03	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG04	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		PG05	23165495	EARTH TERMINAL, MET31-0332
U01A POWER (PE0546)		Q8110	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8111	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8112	23205276	TRANSISTOR, 2SA1586Y(TE85L, F)
U01A POWER (PE0546)		Q813	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q8162	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8163	23205276	TRANSISTOR, 2SA1586Y(TE85L, F)
U01A POWER (PE0546)		Q8191	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8194	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q820	75010917	TRANSISTOR, FCPF11N60T
U01A POWER (PE0546)		Q8201	23205276	TRANSISTOR, 2SA1586Y(TE85L, F)
U01A POWER (PE0546)		Q8202	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8203	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8205	23205328	TRANSISTOR, RN1405(F)
U01A POWER (PE0546)		Q8206	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q820B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		Q821	75010917	TRANSISTOR, FCPF11N60T
U01A POWER (PE0546)		Q821B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		Q8220	75010918	TRANSISTOR, QSZ2TR
U01A POWER (PE0546)		Q8221	75010918	TRANSISTOR, QSZ2TR
U01A POWER (PE0546)		Q824	23205339	TRANSISTOR, 2SC2655-Y(F)
U01A POWER (PE0546)		Q829	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q840	23135083	IC, STRA6169
U01A POWER (PE0546)		Q841	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q842	75010397	IC, TA76431S(TPE6, F)
U01A POWER (PE0546)		Q8512	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q860	75010922	IC, STR-Z2589
U01A POWER (PE0546)		Q860B	23717240	SCREW, BITTB3X10SZN
U01A POWER (PE0546)		Q8611	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q8612	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q862	75010692	IC, PHOTO COUPLER, TLP421F(GR, J)
U01A POWER (PE0546)		Q8661	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		Q867	23205340	TRANSISTOR, 2SA1020-Y(F)
U01A POWER (PE0546)		Q870	75010397	IC, TA76431S(TPE6, F)
U01A POWER (PE0546)		Q8880	75010916	TRANSISTOR, TPC8117(TE12L, Q)
U01A POWER (PE0546)		Q8881	23205277	TRANSISTOR, 2SC4116-Y(TE85L, F)
U01A POWER (PE0546)		QE90	75005723	IC, MP1591DS-LF-Z
U01A POWER (PE0546)		QE901	23205358	TRANSISTOR, KTC3875S Y/P
U01A POWER (PE0546)		QE902	23205330	TRANSISTOR, RN1403(F)
U01A POWER (PE0546)		R801	76017004	RESISTOR, METAL GLAZE 1/2W 510K J
U01A POWER (PE0546)		R809	76004718	RESISTOR, METAL GLAZE, 1/2W 8.2M OHM J
U01A POWER (PE0546)		R8110	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8111	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)


U01A POWER (PE0546)		R8112	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8113	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8114	75006571	RESISTOR, CR1/16 563DV
U01A POWER (PE0546)		R8115	76011472	RESISTOR, CHIP, 1/20W 4.7K OHM J
U01A POWER (PE0546)		R8116	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8117	76011822	RESISTOR, CHIP, 1/20W 8.2K OHM J
U01A POWER (PE0546)		R8118	76011822	RESISTOR, CHIP, 1/20W 8.2K OHM J
U01A POWER (PE0546)		R8120	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8121	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8122	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8123	76011222	RESISTOR, CHIP, 1/20W 2.2K OHM J
U01A POWER (PE0546)		R8124	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8125	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8126	76011103	RESISTOR, CHIP, 1/20W 10K OHM J
U01A POWER (PE0546)		R8127	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8150	76011223	RESISTOR, CHIP, 1/20W 22K OHM J
U01A POWER (PE0546)		R8151	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8152	76011473	RESISTOR, CHIP, 1/20W 47K OHM J
U01A POWER (PE0546)		R8153	76011222	RESISTOR, CHIP, 1/20W 2.2K OHM J
U01A POWER (PE0546)		R8154	76011101	RESISTOR, CHIP, 1/20W 100 OHM J
U01A POWER (PE0546)		R8155	76011222	RESISTOR, CHIP, 1/20W 2.2K OHM J
U01A POWER (PE0546)		R8156	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8157	76011102	RESISTOR, CHIP, 1/20W 1K OHM J
U01A POWER (PE0546)		R8158	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8159	76011471	RESISTOR, CHIP, 1/20W 470 OHM J
U01A POWER (PE0546)		R8160	76011151	RESISTOR, CHIP, 1/20W 150 OHM J
U01A POWER (PE0546)		R820	75010906	RESISTOR, CEMENT, 3W 0.027 OHM J, RGC302-27-MOHM-J/C
U01A POWER (PE0546)		R8201	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8202	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8203	75006064	RESISTOR, CR1/16 223DV
U01A POWER (PE0546)		R8204	76011684	RESISTOR, CHIP, 1/20W 680K OHM J
U01A POWER (PE0546)		R8205	76011221	RESISTOR, CHIP, 1/20W 220 OHM J
U01A POWER (PE0546)		R8206	76011221	RESISTOR, CHIP, 1/20W 220 OHM J
U01A POWER (PE0546)		R8207	76011104	RESISTOR, CHIP, 1/20W 100K OHM J
U01A POWER (PE0546)		R8208	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8209	76011563	RESISTOR, CHIP, 1/20W 56K OHM J
U01A POWER (PE0546)		R821	75010906	RESISTOR, CEMENT, 3W 0.027 OHM J, RGC302-27-MOHM-J/C
U01A POWER (PE0546)		R8210	76011104	RESISTOR, CHIP, 1/20W 100K OHM J
U01A POWER (PE0546)		R8211	76011333	RESISTOR, CHIP, 1/20W 33K OHM J
U01A POWER (PE0546)		R8212	76011100	RESISTOR, CHIP, 1/20W 10 OHM J
U01A POWER (PE0546)		R822	76552620	RESISTOR, OXIDE METAL FILM, 1/2W 620J
U01A POWER (PE0546)		R8220	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8221	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8222	75010907	RESISTOR, CHIP (3216), CR1/8 105FV PB(F)
U01A POWER (PE0546)		R8223	76000576	CHIP JUMPER, 3216TYPE
U01A POWER (PE0546)		R8224	76000576	CHIP JUMPER, 3216TYPE
U01A POWER (PE0546)		R8225	75006063	RESISTOR, CR1/16 183DV
				
				
				

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U03A AC-SW (PE0533) ▾

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U03A AC-SW (PE0533)	*	U03A	75011068	PC BOARD ASSY, PE0533A1, AC-SW						
U03A AC-SW (PE0533)		F850	75005842	FUSE, CARTRIDGE 5.2X20, FSL 250V 6.3A (EM)						
U03A AC-SW (PE0533)		F850A	23165433	FUSE HOLDER, 5.2						
U03A AC-SW (PE0533)		F850B	23165433	FUSE HOLDER, 5.2						
U03A AC-SW (PE0533)		P801B	23757043	CONNECTOR, PLUG, B02B-VT-K(LF)(SN)						
U03A AC-SW (PE0533)		P801C	23713702	PLUG, 2P 11.88MM W VT						
U03A AC-SW (PE0533)		S801	75011067	SWITCH, PSE POWER, KDC-A02-F						
U03A AC-SW (PE0533)		T850	75010099	FILTER, TF2722H-A801Y5R0-02						

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Block : U04A LED (PE0534)

Block		Location	Parts No.	Description	AA	S	M	L		
U04A LED (PE0534)	*	U04A	75011070	PC BOARD ASSY, PE0534A1, LED						
U04A LED (PE0534)		CB06	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z						
U04A LED (PE0534)		CB07	76619157	CAPACITOR, ELECTROLYTIC CHIP, 16V 100UF						
U04A LED (PE0534)		DB01	75009054	DIODE, LED, SML-020MLT T86						
U04A LED (PE0534)		DB04	75009054	DIODE, LED, SML-020MLT T86						
U04A LED (PE0534)		P522B	23713948	CONNECTOR, S6B-PH-K-S(LF)						
U04A LED (PE0534)		QB01	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)						
U04A LED (PE0534)		QB02	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)						
U04A LED (PE0534)		QB03	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)						
U04A LED (PE0534)		QB04	23205392	TRANSISTOR, 2SC5343UF-Y(BULK)						
U04A LED (PE0534)		RB10	76011181	RESISTOR, CHIP, 1/20W 180 OHM J						
U04A LED (PE0534)		RB11	76011271	RESISTOR, CHIP, 1/20W 270 OHM J						
U04A LED (PE0534)		RB12	76011181	RESISTOR, CHIP, 1/20W 180 OHM J						
U04A LED (PE0534)		RB13	76011102	RESISTOR, CHIP, 1/20W 1K OHM J						
U04A LED (PE0534)		RB14	76011102	RESISTOR, CHIP, 1/20W 1K OHM J						
U04A LED (PE0534)		RB15	76011102	RESISTOR, CHIP, 1/20W 1K OHM J						
U04A LED (PE0534)		RB16	76011271	RESISTOR, CHIP, 1/20W 270 OHM J						
U04A LED (PE0534)		RB18	76011102	RESISTOR, CHIP, 1/20W 1K OHM J						

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U04B RMT (PE0534)

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U04B RMT (PE0534)	*	U04B	75011071	PC BOARD ASSY, PE0534A2, RMT						
U04B RMT (PE0534)		CB02	76619157	CAPACITOR, ELECTROLYTIC CHIP, 16V 100UF						
U04B RMT (PE0534)		CB03	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z						
U04B RMT (PE0534)		CB04	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z						
U04B RMT (PE0534)		CB05	76619157	CAPACITOR, ELECTROLYTIC CHIP, 16V 100UF						
U04B RMT (PE0534)		CB211	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z						
U04B RMT (PE0534)		CB212	76100104	CAPACITOR, CERAMIC CHIP, 25V F 0.1UF Z						
U04B RMT (PE0534)		DB21	75011069	OPTICAL DEVICE, PHOTO, S10604						
U04B RMT (PE0534)		DB22	23362251	DIODE, SDS511(SOD-323)						
U04B RMT (PE0534)		DB23	23362251	DIODE, SDS511(SOD-323)						
U04B RMT (PE0534)		GB04	23362042	DIODE, ZENER, UDZS6.8B						
U04B RMT (PE0534)		KB01	75002236	IC, GP1UE261RKVF						
U04B RMT (PE0534)		RB08	76011470	RESISTOR, CHIP, 1/20W 47 OHM J						
U04B RMT (PE0534)		RB09	76011470	RESISTOR, CHIP, 1/20W 47 OHM J						
U04B RMT (PE0534)		RB224	76000445	CHIP JUMPER, 1608TYPE						

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U05AS MAIN (PE0535) ▼

Block		Location	Parts No.	Description	AA	S	M	L		
U05AS MAIN (PE0535)	*	U05AS	75011361	PC BOARD ASSY, PE0535B, MAIN						
U05AS MAIN (PE0535)		B320	75011088	ACCESSORY FOR SCREW						
U05AS MAIN (PE0535)		B321	75011088	ACCESSORY FOR SCREW						
U05AS MAIN (PE0535)		C1002	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1003	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1005	75007603	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1006	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1007	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1008	75009874	CHIP CERAMIC CAPACITOR (2012)						
U05AS MAIN (PE0535)		C1009	75009881	CHIP CERAMIC CAPACITOR (2012)						
U05AS MAIN (PE0535)		C1010	75009861	CHIP CERAMIC CAPACITOR (1608)						
U05AS MAIN (PE0535)		C1013	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1014	75009881	CHIP CERAMIC CAPACITOR (2012)						
U05AS MAIN (PE0535)		C1015	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1016	75009881	CHIP CERAMIC CAPACITOR (2012)						
U05AS MAIN (PE0535)		C1017	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1019	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1020	75009861	CHIP CERAMIC CAPACITOR (1608)						
U05AS MAIN (PE0535)		C1021	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1022	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1023	75009861	CHIP CERAMIC CAPACITOR (1608)						
U05AS MAIN (PE0535)		C1024	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1025	75009874	CHIP CERAMIC CAPACITOR (2012)						
U05AS MAIN (PE0535)		C1026	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1027	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1029	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1030	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1031	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1032	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1033	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1034	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1036	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1037	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1041	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1042	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1043	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1044	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1045	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1046	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1047	75009867	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1048	75010712	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1051	75010976	CHIP CERAMIC CAPACITOR (1608)						
U05AS MAIN (PE0535)		C1055	75008345	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1056	75005812	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1057	75005812	CHIP CERAMIC CAPACITOR (1005)						
U05AS MAIN (PE0535)		C1058	75009867	CHIP CERAMIC CAPACITOR (1005)						

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U05AS MAIN (PE0535)	C6131	75002273	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6132	75010714	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6133	75009877	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6134	75009878	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C6136	75006008	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6137	75010499	CAPACITOR CHIP ELECTROLYTIC 16
U05AS MAIN (PE0535)	C6138	75010144	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C6139	75006010	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C6140	75006010	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C6171	75007603	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6172	75007603	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6191	75007605	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6192	75007605	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6193	75009863	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6194	75009863	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6201	75009872	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6202	75009872	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6203	75007611	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6301	76073005	CE04P0J102M
U05AS MAIN (PE0535)	C6303	75007612	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6401	75006008	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6402	75006008	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6403	75007605	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6404	75007605	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6405	75010709	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6406	75010709	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6407	75010771	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6408	75010771	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6409	75010771	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6410	75010771	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6411	75009872	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6412	75009853	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C6413	75010771	CHIP ALUMINUM ELECTROLYTIC CAP
U05AS MAIN (PE0535)	C6415	75005754	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C6491	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6492	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6501	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6502	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6503	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6504	75009930	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)	C6505	75009930	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)	C6506	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6507	75009932	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6508	75009933	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6510	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6511	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6512	75009932	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6513	75009933	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6515	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6516	75009934	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6517	75009863	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6521	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C6522	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C6523	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7001	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7002	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7003	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7004	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7007	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7008	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7009	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7010	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7011	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7012	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7013	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7014	75009867	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7015	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7017	75009925	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C7018	75009877	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7019	75009925	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C7020	75009925	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C7021	75008673	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)	C7022	75009925	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)	C7023	75009877	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C7024	75009864	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)	C8001	75009867	CHIP CERAMIC CAPACITOR (1005)

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U05AS MAIN (PE0535)		C9618	75009929	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C9619	75008343	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C9621	75011228	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9623	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9631	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9632	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9633	75011120	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C9635	75009853	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9637	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C9638	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C9641	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9642	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9643	75011120	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C9645	75009853	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9647	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C9648	75009881	CHIP CERAMIC CAPACITOR (2012)
U05AS MAIN (PE0535)		C9656	75009856	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9657	75009856	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9661	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C9663	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C9681	75010865	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9682	75010865	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9683	75010865	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9685	75009853	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9687	75007604	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		C9689	75009856	CHIP CERAMIC CAPACITOR (1608)
U05AS MAIN (PE0535)		C9690	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9691	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9692	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9693	75009882	CHIP CERAMIC CAPACITOR (3216)
U05AS MAIN (PE0535)		C9702	75009866	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		D1003	75010153	ZENER DIODE
U05AS MAIN (PE0535)		D1004	75010153	ZENER DIODE
U05AS MAIN (PE0535)		D2100	75009899	DIODE
U05AS MAIN (PE0535)		D2101	75009899	DIODE
U05AS MAIN (PE0535)		D2102	75009899	DIODE
U05AS MAIN (PE0535)		D2103	75009899	DIODE
U05AS MAIN (PE0535)		D2105	75009899	DIODE
U05AS MAIN (PE0535)		D2106	75009899	DIODE
U05AS MAIN (PE0535)		D2201	75009899	DIODE
U05AS MAIN (PE0535)		D2202	75009899	DIODE
U05AS MAIN (PE0535)		D2401	75009899	DIODE
U05AS MAIN (PE0535)		D2800	75009899	DIODE
U05AS MAIN (PE0535)		D3401	75007996	DIODE
U05AS MAIN (PE0535)		D3501	75007996	DIODE
U05AS MAIN (PE0535)		D3601	75007996	DIODE
U05AS MAIN (PE0535)		D3801	75009899	DIODE
U05AS MAIN (PE0535)		D3802	75009899	DIODE
U05AS MAIN (PE0535)		D4500	75009899	DIODE
U05AS MAIN (PE0535)		D4501	75009899	DIODE
U05AS MAIN (PE0535)		D4600	75009899	DIODE
U05AS MAIN (PE0535)		D4701	75009900	SCHOTTKY BARRIER DIODE
U05AS MAIN (PE0535)		D4801	75009900	SCHOTTKY BARRIER DIODE
U05AS MAIN (PE0535)		D5001	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5002	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5003	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5004	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5005	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5006	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5007	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5100	23357751	MA8068-M, TX
U05AS MAIN (PE0535)		D5101	23357751	MA8068-M, TX
U05AS MAIN (PE0535)		D5500	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5501	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5502	75010721	ZENER DIODE
U05AS MAIN (PE0535)		D5503	75009899	DIODE
U05AS MAIN (PE0535)		D5504	75009899	DIODE
U05AS MAIN (PE0535)		D6101	75011229	ZENER DIODE
U05AS MAIN (PE0535)		D6102	23362140	KDS160/P
U05AS MAIN (PE0535)		D6103	23362140	KDS160/P
U05AS MAIN (PE0535)		D6104	23362140	KDS160/P
U05AS MAIN (PE0535)		D6105	23362140	KDS160/P
U05AS MAIN (PE0535)		D6106	23362140	KDS160/P
U05AS MAIN (PE0535)		D6107	23362140	KDS160/P
U05AS MAIN (PE0535)		D6111	23362140	KDS160/P
U05AS MAIN (PE0535)		D6112	23362140	KDS160/P

U05AS MAIN (PE0535)		D6201	75009899	DIODE
U05AS MAIN (PE0535)		D6202	75009899	DIODE
U05AS MAIN (PE0535)		D6301	75009899	DIODE
U05AS MAIN (PE0535)		D6302	75009899	DIODE
U05AS MAIN (PE0535)		D6303	75009899	DIODE
U05AS MAIN (PE0535)		D6304	75009899	DIODE
U05AS MAIN (PE0535)		D6401	23362140	KDS160/P
U05AS MAIN (PE0535)		D6402	23362140	KDS160/P
U05AS MAIN (PE0535)		D6403	23362140	KDS160/P
U05AS MAIN (PE0535)		D6404	23362140	KDS160/P
U05AS MAIN (PE0535)		D9507	75009899	DIODE
U05AS MAIN (PE0535)		D9601	75009328	DIODE
U05AS MAIN (PE0535)		D9611	75010888	DIODE
U05AS MAIN (PE0535)		D9631	75009328	DIODE
U05AS MAIN (PE0535)		D9641	75009328	DIODE
U05AS MAIN (PE0535)		D9681	75009328	DIODE
U05AS MAIN (PE0535)		DS112	75009949	LED
U05AS MAIN (PE0535)		EJ101	75011124	SHIELD OPTICAL CONNECTOR
U05AS MAIN (PE0535)		FL101	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL102	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL104	75009943	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL107	75009943	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL110	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL113	75009944	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL114	75009941	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		FL115	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL117	75005817	FILTER CHIP BEAD INDUCTOR 6000
U05AS MAIN (PE0535)		FL201	75003060	FILTER CHIP BEAD INDUCTOR 470H
U05AS MAIN (PE0535)		FL202	75003060	FILTER CHIP BEAD INDUCTOR 470H
U05AS MAIN (PE0535)		FL203	75003060	FILTER CHIP BEAD INDUCTOR 470H
U05AS MAIN (PE0535)		FL219	75010773	SMD COMMON MODE FILTER
U05AS MAIN (PE0535)		FL220	75010773	SMD COMMON MODE FILTER
U05AS MAIN (PE0535)		FL321	75009883	CHIP INDUCTOR(3225)
U05AS MAIN (PE0535)		FL371	75003410	FILTER CHIP BEAD INDUCTOR 330H
U05AS MAIN (PE0535)		FL403	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL404	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL415	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL416	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL420	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL421	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL441	75003114	FILTER CHIP BEAD INDUCTOR 1200
U05AS MAIN (PE0535)		FL442	75003113	FILTER CHIP BEAD INDUCTOR 1200
U05AS MAIN (PE0535)		FL443	75003114	FILTER CHIP BEAD INDUCTOR 1200
U05AS MAIN (PE0535)		FL450	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL451	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL452	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL453	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL454	75009852	CAPACITOR CHIP CERA 25V 104S 3
U05AS MAIN (PE0535)		FL455	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL460	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL461	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL462	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL463	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL464	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL470	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL471	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL472	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL480	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL481	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL482	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL483	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL484	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL485	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL486	75003117	FILTER CHIP BEAD INDUCTOR 1800
U05AS MAIN (PE0535)		FL521	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL522	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL523	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL524	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL525	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL526	75003114	FILTER CHIP BEAD INDUCTOR 1200
U05AS MAIN (PE0535)		FL527	75003114	FILTER CHIP BEAD INDUCTOR 1200
U05AS MAIN (PE0535)		FL528	75003112	FILTER CHIP BEAD INDUCTOR 1.0K
U05AS MAIN (PE0535)		FL600	75003115	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		FL650	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL651	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL661	75009943	CHIP BEADS INDUCTOR (1608)

U05AS MAIN (PE0535)		FL662	75009942	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL663	75009943	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL850	75010717	FILTER CHIP FERRITE BEADS 7000
U05AS MAIN (PE0535)		FL851	75010717	FILTER CHIP FERRITE BEADS 7000
U05AS MAIN (PE0535)		FL852	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		FL853	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		FL854	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		FL900	75010774	CHIP COMMON MODE FILTER
U05AS MAIN (PE0535)		FL901	75010774	CHIP COMMON MODE FILTER
U05AS MAIN (PE0535)		FL902	75010774	CHIP COMMON MODE FILTER
U05AS MAIN (PE0535)		FL903	75010774	CHIP COMMON MODE FILTER
U05AS MAIN (PE0535)		FL904	75010774	CHIP COMMON MODE FILTER
U05AS MAIN (PE0535)		FL905	75010774	CHIP COMMON MODE FILTER
U05AS MAIN (PE0535)		FL951	75008351	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		FL954	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		FL960	75010306	CHIP BEADS INDUCTOR (2012)
U05AS MAIN (PE0535)		IC100	75011123	IC DIGITAL TV SYSTEM LSI
U05AS MAIN (PE0535)		IC105	75005830	IC VCXO
U05AS MAIN (PE0535)		IC106	75009046	IC 64K(8KX8)BIT 2-WIRE SERIAL
U05AS MAIN (PE0535)		IC107	75005825	IC 256M(16MX16)BIT DDR SDRAM
U05AS MAIN (PE0535)		IC108	75010730	IC REGULATOR
U05AS MAIN (PE0535)		IC110	75011174	IC 64M(4MX16)BIT FLASH MEMORY
U05AS MAIN (PE0535)		IC111	75010722	IC
U05AS MAIN (PE0535)		IC210	23085392	MM1501XNRE
U05AS MAIN (PE0535)		IC270	75009904	DUAL BILATERAL SWITCH
U05AS MAIN (PE0535)		IC271	23085823	MM1508XNRE
U05AS MAIN (PE0535)		IC272	23085823	MM1508XNRE
U05AS MAIN (PE0535)		IC300	75008004	IC 3TO1DVI/HDMI SWITCH
U05AS MAIN (PE0535)		IC342	75005765	IC EEP ROM
U05AS MAIN (PE0535)		IC352	75005765	IC EEP ROM
U05AS MAIN (PE0535)		IC362	75005765	IC EEP ROM
U05AS MAIN (PE0535)		IC371	75009955	AUDIO D/A CONVERTER
U05AS MAIN (PE0535)		IC381	75009908	DUAL AUDIO OP AMP
U05AS MAIN (PE0535)		IC387	75003068	IC HDMI RX-KEY
U05AS MAIN (PE0535)		IC400	75011175	IC LCD TV CONTROLLER
U05AS MAIN (PE0535)		IC420	75010726	IC SPI SERIAL FLASH
U05AS MAIN (PE0535)		IC440	75009905	128K(16KX8)BIT EEPROM
U05AS MAIN (PE0535)		IC450	75010728	IC VOLTAGE REGULATOR
U05AS MAIN (PE0535)		IC451	75005769	IC
U05AS MAIN (PE0535)		IC452	75005769	IC
U05AS MAIN (PE0535)		IC455	75010155	LOW POWER-LOSS REGULATOR
U05AS MAIN (PE0535)		IC456	75009957	CMOS RESET IC
U05AS MAIN (PE0535)		IC460	75006032	IC REGULATOR
U05AS MAIN (PE0535)		IC470	75009909	BUCK CONVERTER
U05AS MAIN (PE0535)		IC480	75010732	IC STEP DOWN CONVERTER
U05AS MAIN (PE0535)		IC490	75005770	IC
U05AS MAIN (PE0535)		IC500	75009709	IC
U05AS MAIN (PE0535)		IC511	75008543	IC
U05AS MAIN (PE0535)		IC512	75001878	IC
U05AS MAIN (PE0535)		IC513	75009907	SYSTEM RESET IC
U05AS MAIN (PE0535)		IC514	75009903	2 INPUT AND GATE
U05AS MAIN (PE0535)		IC550	75007624	IC REGULATOR
U05AS MAIN (PE0535)		IC551	75010731	IC REGULATOR
U05AS MAIN (PE0535)		IC601	75005874	IC
U05AS MAIN (PE0535)		IC602	75006542	IC VOLTAGE REGULATOR
U05AS MAIN (PE0535)		IC603	75009451	IC DIGITAL AMP I2S SSO36
U05AS MAIN (PE0535)		IC604	23085461	TC7WBD125AFK
U05AS MAIN (PE0535)		IC605	23085415	BD4746G-TR
U05AS MAIN (PE0535)		IC611	75009908	DUAL AUDIO OP AMP
U05AS MAIN (PE0535)		IC612	75009908	DUAL AUDIO OP AMP
U05AS MAIN (PE0535)		IC614	75009908	DUAL AUDIO OP AMP
U05AS MAIN (PE0535)		IC641	75004445	IC
U05AS MAIN (PE0535)		IC651	75009908	DUAL AUDIO OP AMP
U05AS MAIN (PE0535)		IC701	75008684	IC OCTAL BUFFER/LINE DRIVER
U05AS MAIN (PE0535)		IC702	75008684	IC OCTAL BUFFER/LINE DRIVER
U05AS MAIN (PE0535)		IC703	75008685	IC OCTAL BUS BUFFER
U05AS MAIN (PE0535)		IC705	75008685	IC OCTAL BUS BUFFER
U05AS MAIN (PE0535)		IC707	75008685	IC OCTAL BUS BUFFER
U05AS MAIN (PE0535)		IC708	75008684	IC OCTAL BUFFER/LINE DRIVER
U05AS MAIN (PE0535)		IC709	75008685	IC OCTAL BUS BUFFER
U05AS MAIN (PE0535)		IC710	75008685	IC OCTAL BUS BUFFER
U05AS MAIN (PE0535)		IC711	75001217	INVERTER
U05AS MAIN (PE0535)		IC712	75009954	DUAL 2-INPUT OR GATE
U05AS MAIN (PE0535)		IC713	75008685	IC OCTAL BUS BUFFER
U05AS MAIN (PE0535)		IC714	75008684	IC OCTAL BUFFER/LINE DRIVER
U05AS MAIN (PE0535)		IC715	75008894	LOW POWER-LOSS REGULATOR

U05AS MAIN (PE0535)		IC716	75008688	IC CURRENT-LIMITED SWITCH
U05AS MAIN (PE0535)		IC820	75009904	DUAL BILATERAL SWITCH
U05AS MAIN (PE0535)		IC921	75009902	EXCLUSIVE OR GATE
U05AS MAIN (PE0535)		IC924	75009903	2 INPUT AND GATE
U05AS MAIN (PE0535)		IC951	75002292	IC
U05AS MAIN (PE0535)		IC952	75008543	IC
U05AS MAIN (PE0535)		IC953	75005833	IC VOLTAGE REGULATOR
U05AS MAIN (PE0535)		IC954	75005832	IC VOLTAGE REGULATOR
U05AS MAIN (PE0535)		IC956	75010729	IC REGULATOR
U05AS MAIN (PE0535)		IC960	75011087	IC
U05AS MAIN (PE0535)		IC961	75004806	IC
U05AS MAIN (PE0535)		IC962	75010897	IC
U05AS MAIN (PE0535)		IC963	75010900	IC
U05AS MAIN (PE0535)		IC964	75010900	IC
U05AS MAIN (PE0535)		IC968	75010898	IC
U05AS MAIN (PE0535)		L2101	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L2102	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L2201	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L2202	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L2701	23103314	FILTEM2028AH
U05AS MAIN (PE0535)		L4025	75003410	FILTER CHIP BEAD INDUCTOR 33OH
U05AS MAIN (PE0535)		L4026	75003410	FILTER CHIP BEAD INDUCTOR 33OH
U05AS MAIN (PE0535)		L4700	75009884	CHIP POWER INDUCTOR
U05AS MAIN (PE0535)		L4800	75010716	COIL CHOKE 4.7MMH 2.0A
U05AS MAIN (PE0535)		L6001	75009944	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		L6002	75009944	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		L6101	75008364	COIL CHOKE 22MMH M 1.7A
U05AS MAIN (PE0535)		L6102	75008364	COIL CHOKE 22MMH M 1.7A
U05AS MAIN (PE0535)		L6103	75008364	COIL CHOKE 22MMH M 1.7A
U05AS MAIN (PE0535)		L6104	75008364	COIL CHOKE 22MMH M 1.7A
U05AS MAIN (PE0535)		L6105	75008351	CHIP BEADS INDUCTOR (1608)
U05AS MAIN (PE0535)		L6106	75010718	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L6201	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L6491	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L6492	75009887	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L8001	75010715	COIL CHIP INDUCTOR 180NH J 0.1
U05AS MAIN (PE0535)		L9016	75003410	FILTER CHIP BEAD INDUCTOR 33OH
U05AS MAIN (PE0535)		L9020	75003410	FILTER CHIP BEAD INDUCTOR 33OH
U05AS MAIN (PE0535)		L9021	75003411	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		L9022	75003411	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		L9023	75003411	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		L9024	75003410	FILTER CHIP BEAD INDUCTOR 33OH
U05AS MAIN (PE0535)		L9027	75003411	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		L9028	75003411	FILTER CHIP BEAD INDUCTOR 2200
U05AS MAIN (PE0535)		L9257	75010308	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L9258	75010307	CHIP BEADS INDUCTOR
U05AS MAIN (PE0535)		L9602	75011080	COIL CHOKE 3.3MMH 5.8A
U05AS MAIN (PE0535)		L9612	75010869	CHIP INDUCTOR(3225)
U05AS MAIN (PE0535)		L9613	75010870	CHIP INDUCTOR(3225)
U05AS MAIN (PE0535)		L9631	75010980	COIL CHOKE 15MMH 3.1A
U05AS MAIN (PE0535)		L9641	75010980	COIL CHOKE 15MMH 3.1A
U05AS MAIN (PE0535)		L9682	75010868	COIL CHOKE 22MMH 3.5A
U05AS MAIN (PE0535)		NB001	23961276	SOLDER CREAM
U05AS MAIN (PE0535)		NB002	23961260	ER M708E-3.0
U05AS MAIN (PE0535)		NB003	23961257	R M708E 400G
U05AS MAIN (PE0535)		NB004	23961293	S-1061SP-2 C
U05AS MAIN (PE0535)		NB005	23961265	M705ESC 1.0
U05AS MAIN (PE0535)		NB006	23961267	M705ESC 1.6
U05AS MAIN (PE0535)		P322A	75008681	0.5MM PITCH W TO B CONNECTOR
U05AS MAIN (PE0535)		P404A	75010719	CONNECTOR
U05AS MAIN (PE0535)		P405A	23713939	B-PH-K-S(LF)
U05AS MAIN (PE0535)		P522A	23713943	B-PH-K-S(LF)
U05AS MAIN (PE0535)		P523A	23713938	B-PH-K-S(LF)
U05AS MAIN (PE0535)		P601	23713755	CONNECTOR
U05AS MAIN (PE0535)		P6061	23365444	JACK
U05AS MAIN (PE0535)		P810B	23713941	B-PH-K-S(LF)
U05AS MAIN (PE0535)		P811B	23713944	B-PH-K-S(LF)
U05AS MAIN (PE0535)		P811C	23713934	B-PH-K-S(LF)
U05AS MAIN (PE0535)		P920A	23713881	CONNECTOR
U05AS MAIN (PE0535)		PB05A	V28A000709B1	PWB
U05AS MAIN (PE0535)		PJ101	75010889	OPT DEVICE
U05AS MAIN (PE0535)		PJ210	75011083	JACK
U05AS MAIN (PE0535)		PJ211	75011084	JACK
U05AS MAIN (PE0535)		PJ700	75011122	SOCKET
U05AS MAIN (PE0535)		PS601	75007937	JACK PHI3.5
U05AS MAIN (PE0535)		PV201	75010369	PLUG

U05AS MAIN (PE0535)		PV202	75010369	PLUG
U05AS MAIN (PE0535)		PV230	75010880	CONNECTOR
U05AS MAIN (PE0535)		PV240	75011082	JACK
U05AS MAIN (PE0535)		PV320	75006017	CONNECTOR
U05AS MAIN (PE0535)		PV321	75011085	CONNECTOR CSS5019-4K31F
U05AS MAIN (PE0535)		PV322	75011085	CONNECTOR CSS5019-4K31F
U05AS MAIN (PE0535)		Q2101	75007619	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q2102	75007620	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2103	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2104	75007620	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2105	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2106	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2107	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2108	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2109	23205325	RN2404(TE85F
U05AS MAIN (PE0535)		Q2110	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2201	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2202	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2203	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2204	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2205	23205325	RN2404(TE85F
U05AS MAIN (PE0535)		Q2206	75002029	TRANSISTOR
U05AS MAIN (PE0535)		Q2301	75007620	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2302	75007620	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2303	75007620	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2304	75007620	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2404	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2405	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2406	23205325	RN2404(TE85F
U05AS MAIN (PE0535)		Q2701	75007619	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q2702	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2703	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2711	75007619	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q2712	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2713	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2803	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q2804	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q2805	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2806	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2978	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2979	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2998	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q2999	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3301	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3302	75010152	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3303	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3304	75010152	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3305	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3306	75010152	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3307	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3401	75010152	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3402	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3403	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3501	75010152	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3502	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3503	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3601	75010152	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3602	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3603	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3801	75009897	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q3802	75009898	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q3803	75009898	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q4250	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q4251	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q5103	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q5104	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q5105	75001961	N-CH MOS FET
U05AS MAIN (PE0535)		Q6000	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6001	75009896	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6002	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6101	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6201	23205325	RN2404(TE85F
U05AS MAIN (PE0535)		Q6202	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6203	75007621	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6301	75002029	TRANSISTOR
U05AS MAIN (PE0535)		Q6302	75002029	TRANSISTOR

U05AS MAIN (PE0535)		Q6303	75002029	TRANSISTOR
U05AS MAIN (PE0535)		Q6304	23205325	RN2404(TE85F
U05AS MAIN (PE0535)		Q6305	23205325	RN2404(TE85F
U05AS MAIN (PE0535)		Q6306	75007619	PNP TRANSISTOR
U05AS MAIN (PE0535)		Q6401	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q6503	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q8501	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q8502	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q8503	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q9501	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q9503	75009946	P-CH MOS FET
U05AS MAIN (PE0535)		Q9504	75009946	P-CH MOS FET
U05AS MAIN (PE0535)		Q9601	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q9602	75009815	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q9621	75010885	TRANSISTOR
U05AS MAIN (PE0535)		Q9652	75009895	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q9681	75001962	NPN TRANSISTOR
U05AS MAIN (PE0535)		Q9682	75002029	TRANSISTOR
U05AS MAIN (PE0535)		R1001	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1002	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1003	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R1004	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1005	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1006	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R1007	75009914	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1008	75005803	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1009	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1010	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1011	75005810	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1012	75007984	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1013	75007984	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1014	75009830	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1015	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1018	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1020	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R1021	75009843	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1023	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1030	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R1041	75008533	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1045	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R1047	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R1049	75002319	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1050	75005805	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1051	75009846	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1052	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1055	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1056	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1057	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1058	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1059	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1060	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1061	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1062	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1064	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1065	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1066	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1067	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1068	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1069	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1070	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1071	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1072	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1073	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1074	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1075	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1076	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1077	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1078	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1079	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1080	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1081	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1082	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1083	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1084	75009919	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1085	75009842	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R1086	75009919	CHIP RESISTOR (1005)

[illegible]

[illegible]

[illegible]

[illegible]

U05AS MAIN (PE0535)	R4203	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4205	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4206	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4207	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4210	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4250	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4255	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4256	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4400	75005998	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4401	75005998	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4402	75007599	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4403	75007599	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4501	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4502	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4503	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4504	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4505	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4506	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4507	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4508	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4509	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4510	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4511	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4512	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4513	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4514	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4515	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4517	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4518	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4519	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4520	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4521	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4522	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4523	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4524	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4525	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4526	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4527	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4528	75010697	RESISTOR CHIP RES 0.063W 2940J
U05AS MAIN (PE0535)	R4529	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4530	75010708	CHIP RESISTOR(1005)
U05AS MAIN (PE0535)	R4597	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)	R4598	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4599	75010115	CHIP RESISTOR (1608)
U05AS MAIN (PE0535)	R4600	75005985	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4700	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4702	75005996	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4704	75009832	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4705	75009832	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4706	75005987	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4707	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4800	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4801	75010705	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4802	75008013	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4803	75010491	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4804	75009832	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R4805	75005987	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5002	75007984	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5009	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5010	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5011	75009844	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)	R5013	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5014	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5015	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R5017	75009834	CHIP RESISTOR (1

[illegible]

U05AS MAIN (PE0535)		R6047	75007589	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6048	75009831	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6049	75007589	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6051	75009844	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R6060	75008336	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6061	75007600	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6062	75005804	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6063	75005804	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6064	75007600	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R6076	75009844	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R6087	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6091	75010768	CHIP RESISTOR (1608)
U05AS MAIN (PE0535)		R6092	75010768	CHIP RESISTOR (1608)
U05AS MAIN (PE0535)		R6093	75010768	CHIP RESISTOR (1608)
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U05AS MAIN (PE0535)		R6098	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6101	75009449	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6102	75009448	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6103	75009448	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6104	75009449	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6105	75009448	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6106	75009448	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6107	75007600	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R6109	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6110	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6111	75007600	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6112	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6113	75009877	CHIP CERAMIC CAPACITOR (1005)
U05AS MAIN (PE0535)		R6114	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6115	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6116	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6117	75010703	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6118	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R6119	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R6171	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6172	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6173	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6174	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6175	75005986	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6176	75005986	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6191	75010698	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6192	75010698	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6193	75010698	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6194	75010698	CHIP RESISTOR (3216)
U05AS MAIN (PE0535)		R6201	75011073	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6202	75011073	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6203	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6204	75007601	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R6206	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6301	75009836	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R6302	75007599	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6304	75007600	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6305	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6306	75009848	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R6308	75007600	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6309	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6310	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6311	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R6312	75007600	CHIP RESISTOR (1005)

U05AS MAIN (PE0535)	R6313	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6314	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6315	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6316	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6317	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6401	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6402	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6403	75006537	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6404	75006537	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6405	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6406	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6407	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6408	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6409	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6502	75011115	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6503	75011117	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6504	75005994	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6505	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)	R6506	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6507	75008013	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6508	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6510	75011115	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6511	75011117	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6512	75005994	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6513	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)	R6514	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6515	75008013	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6516	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6517	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6518	75010498	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6519	75008013	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6521	75009922	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6522	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6525	75009832	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R6526	75009832	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7001	75009849	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7002	75009849	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7003	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7004	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7006	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7007	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7008	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7011	75008670	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7012	75005987	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R7100	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)	R8002	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8003	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8004	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8005	75005986	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8006	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8007	75011116	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8009	75009845	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8010	75007984	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8503	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8506	75009844	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8507	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8508	75007590	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8509	75009836	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)	R8510	75010701	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8511	75009846	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8512	75010706	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8514	75009836	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)	R8515	75010701	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8516	75009846	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8517	75010706	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)	R8524	75009831	CHIP RESISTOR (1005)

U05AS MAIN (PE0535)		R9009	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9012	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9013	75009834	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9015	75009847	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9017	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		R9019	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9020	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9021	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9022	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9023	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9024	75009829	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R9026	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9027	75009829	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R9029	75009829	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9030	75009829	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R9209	75009847	CHIP RESISTOR (1005)
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U05AS MAIN (PE0535)		R9215	75007601	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9259	75008015	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9260	75008330	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9261	75001958	CHIP NTC THERMISTOR
U05AS MAIN (PE0535)		R9501	75007593	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9502	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		R9503	75009923	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9504	75009923	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9506	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9507	75009923	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9510	75009923	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9511	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9512	75009923	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9513	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9514	75009923	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9515	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9516	75009848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9517	75009850	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9523	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9524	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		R9528	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9529	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9531	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9532	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9534	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9535	75005809	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9537	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		R9540	75009838	CHIP JUMPER 2012TYPE
U05AS MAIN (PE0535)		R9541	75009840	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9542	75009837	CHIP JUMPER 1608TYPE
U05AS MAIN (PE0535)		R9544	75005985	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9601	75011076	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9602	75010845	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9603	75007596	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9604	75007987	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9605	75010854	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9606	75011074	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9607	75008333	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9608	75011074	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9609	75011074	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9610	75011074	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9611	75010857	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9612	75008335	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9613	75008335	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9614	75010852	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9615	75010862	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9616	75011075	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9617	75008667	CHIP RESISTOR (2012)
U05AS MAIN (PE0535)		R9631	75010848	CHIP RESISTOR (1005)
U05AS MAIN (PE0535)		R9632	75009841	CHIP RESISTOR (1005)

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U05AS MAIN (PE0535)		W9641	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9642	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9643	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9644	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9681	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9682	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9683	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9684	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9685	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9686	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9687	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		W9688	75009851	CHIP JUMPER 1005TYPE
U05AS MAIN (PE0535)		X1001	75005816	RESONATOR 27.000 15PPM 70 OHM
U05AS MAIN (PE0535)		X5001	75001136	SMD CERAMIC RESONATOR
U05AS MAIN (PE0535)		X5002	75007615	RESONATOR SMD 32.768KHZ 75KOHM
U05AS MAIN (PE0535)		X5400	75009886	CHIP CRYSTAL RESONATOR
U05AS MAIN (PE0535)		X6001	75001870	RESONATOR
U05AS MAIN (PE0535)		X8001	75005815	RESONATOR 20.48MHZ 40 OHM 12PF

PARTS LIST

Block : U06A KEY (PE0560)

Block		Location	Parts No.	Description	AA	S	M	L		
U06A KEY (PE0560)	*	U06A	75011072	PC BOARD ASSY, PE0560A1, KEY						
U06A KEY (PE0560)		GB01	23362042	DIODE, ZENER, UDZS6.8B						
U06A KEY (PE0560)		GB02	23362042	DIODE, ZENER, UDZS6.8B						
U06A KEY (PE0560)		GB03	23362042	DIODE, ZENER, UDZS6.8B						
U06A KEY (PE0560)		P523B	23713938	CONNECTOR, B5B-PH-K-S(LF)						
U06A KEY (PE0560)		RB71	76011683	RESISTOR, CHIP, 1/20W 68K OHM J						
U06A KEY (PE0560)		RB72	76011223	RESISTOR, CHIP, 1/20W 22K OHM J						
U06A KEY (PE0560)		RB73	76011103	RESISTOR, CHIP, 1/20W 10K OHM J						
U06A KEY (PE0560)		RB74	76000445	CHIP JUMPER, 1608TYPE						
U06A KEY (PE0560)		RB77	76011103	RESISTOR, CHIP, 1/20W 10K OHM J						
U06A KEY (PE0560)		RB78	76000445	CHIP JUMPER, 1608TYPE						
U06A KEY (PE0560)		RB79	76000445	CHIP JUMPER, 1608TYPE						
U06A KEY (PE0560)		SA01	75007379	SWITCH, TACTILE, KSMC632A						
U06A KEY (PE0560)		SA02	75007379	SWITCH, TACTILE, KSMC632A						
U06A KEY (PE0560)		SA03	75007379	SWITCH, TACTILE, KSMC632A						
U06A KEY (PE0560)		SA04	75007379	SWITCH, TACTILE, KSMC632A						
U06A KEY (PE0560)		SA05	75007379	SWITCH, TACTILE, KSMC632A						
U06A KEY (PE0560)		SA06	75007379	SWITCH, TACTILE, KSMC632A						
U06A KEY (PE0560)		SA07	75007379	SWITCH, TACTILE, KSMC632A						

PARTS LIST

Block :

Miscellaneous

Location :

Search

Page :

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 / 1

Jump

Parts No. :

Search

Block		Location	Parts No.	Description	AA	S	M	L		
Miscellaneous		B001A	75011215	LCD PANEL, LC420WUN-SAA1						
Miscellaneous		H001	75010735	TUNER, ENG37E05KF						
Miscellaneous		MZ01A	75011200	WIRE HARNESS, MF0160						
Miscellaneous		P801	23372353	POWER CORD, UK 250V3A FL/FUSE13						
Miscellaneous		P801	23372297	POWER CORD, CEE						
Miscellaneous		PP23	23974994	BAND, KESSOKU						
Miscellaneous		W661	75010928	SPEAKER ASSY, SPK1504AM, 35X160 8-OHM 10W						
Miscellaneous		Z008A	23103914	FERRITE CORE, TFE1015AD						
Miscellaneous		Z009A	23974994	BAND, KESSOKU						
Miscellaneous		Z801A	23103778	FERRITE CORE, TFE1008						

PARTS LIST

Block :

Accessory

Location :

Search

Page :

1

 / 1

Jump

Parts No. :

Search

Block		Location	Parts No.	Description	AA	S	M	L		
Accessory		<div>Y101</div>	75011201	OWNERS MANUAL, ENGLISH						
Accessory		<div>Y101E</div>	75011203	OWNERS MANUAL, EURO						
Accessory		<div>Y101N</div>	75011204	OWNERS MANUAL, NORDIC						
Accessory		<div>Y110</div>	75011202	OWNERS MANUAL, QSUG						
Accessory		<div>Y114</div>	75011206	MANUAL, SCHEMA						
Accessory		<div>Y115</div>	75009771	OWNERS MANUAL, XF DIGITAL UK RETUNE GUIDE						
Accessory		<div>Y130</div>	75011184	REMOCON HAND UNIT, CT-90307						
Accessory		<div>Y170</div>	23845800	HOLDER, WIRE, NYLON66 D6.8						
Accessory		<div>Y186</div>	75009788	CLOTH, CLEAN						

PARTS LIST

Block :

Cabinet

Location :

Search

Page :

1

 / 1

Jump

Parts No. :

Search

Block		Location	Parts No.	Description	AA	S	M	L		
Cabinet		A201	75011540	CABINET/RACK FRONT BEZEL ASSY, FRONT BEZEL ASSY						
Cabinet		A342	75011097	BUTTON ASSY, POWER						
Cabinet		A401	75011633	CABINET/RACK, BACK COVER ASSY						
Cabinet		A411	23717267	SCREW, BITTB4X16 SBN						
Cabinet		A412	75010345	SCREW, BITTB3X8 SBN						
Cabinet		A420	75010936	STAND LEG ASSY						
Cabinet		A421	75011620	BASE ASSY(S) SW, BASE ASSY(S) SW						
Cabinet		A422	75010937	CASTOR TOOL SET						

PARTS LIST

Block :

Packing

Location :

Search

Page :

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Jump

Parts No. :

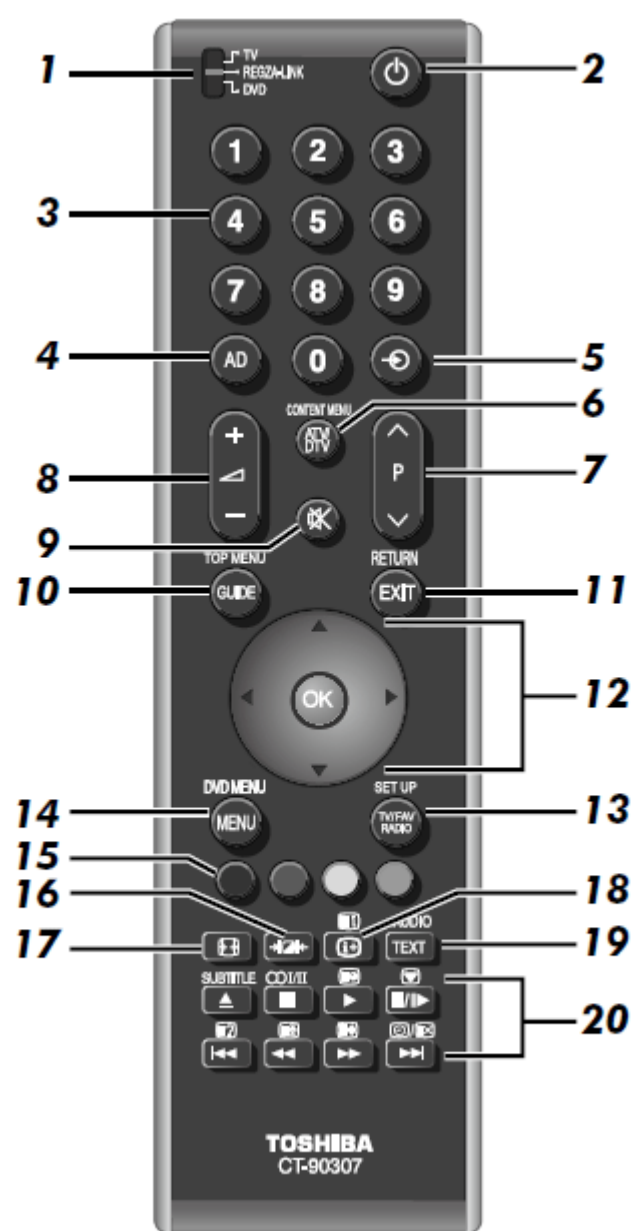
Search


Block		Location	Parts No.	Description	AA	S	M	L		
Packing		A701A	75011496	CARTON BOX, TOP						
Packing		A701B	75011170	CARTON BOX, BOTTOM						
Packing		A702A	75011171	PAD, TOP PACKING						
Packing		A702B	75011172	PAD, BOTTOM PACKING						
Packing		A705	23518043	PACKING, JOINT						

FUNCTION AND OPERATION




The Remote Control

Simple at-a-glance reference of your remote control.








- 1 To select device mode (T/R/D)*
- 2 For On/Standby mode (T/R/D)
- 3 Number buttons (T/R/D)
- 4 To select Audio Description mode on/off (T)
- 5 To select external input sources (T)
To select line input (R/D)
- 6 To switch between ATV (analogue television) and DTV (digital television) (T)
To display Contents menu (R)
- 7 To change programme positions (T/R)
To change text pages (T)
- 8 To alter the TV volume (T/R/D)
- 9 To mute the TV sound (T/R/D)
- 10 To display the **digital** on-screen Programme Guide (T)
To access Top Menu (R/D)
- 11 To exit Menus (T)
To return to previous Menu (R/D)
- 12 When using menus the arrows move the cursor on the screen up, down, left or right.  to confirm your selection (T/R/D)
- 13 To switch between TV, Radio and Favourite programmes when in **digital** mode
To access Setup menu (R/D)
- 14 On-screen Menus (T)
DVD Menus (R/D)
- 15 Text and interactive service control buttons (T)
To work interactive service control on device (R)
- 16 Selectable picture preferences (T)
- 17 Widescreen viewing (T)
- 18 To display on-screen information (T/R/D)
To access index page in Text mode (T)
- 19 To call up text services in **analogue** mode and interactive services in **digital** mode (T)





20 When in TV mode:

-  Analogue time display
-  Picture still
-  Stereo/bilingual transmissions
- SUBTITLE Digital Subtitles or Analogue TEXT Subtitle pages if available









When in Text mode:

-  To access Sub pages
-  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:

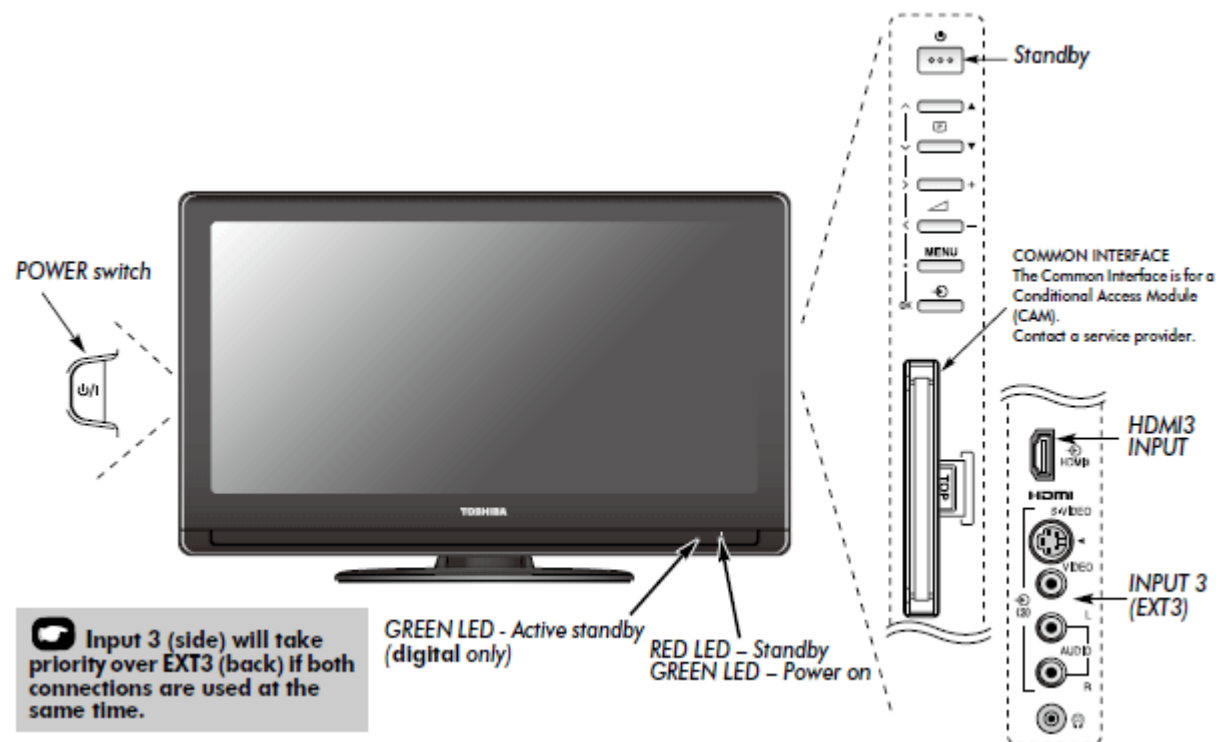
- press  to PAUSE/STEP
- press  to PLAY
- press  to REWIND
- press  to FAST FORWARD
- press  to EJECT
- press  to STOP
- press  to SKIP-REWIND
- press  to SKIP-FORWARD

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



FUNCTION AND OPERATION



Controls and Input Connections

A wide variety of external equipment can be connected to the input sockets on the side of the television. Whilst all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions.






Switching On



If the RED LED is unlit check that the mains plug is connected to the power supply and press the  (POWER) button on the left side of the television to switch the television on. If the picture does not appear press  on the remote control, it may take a few moments.






To put the television into Standby press  on the remote control, the GREEN active standby LED will appear (see 'Software Upgrade' section) next to the RED for a few moments then disappear. To view the television press  again. The picture may take a few seconds to appear.

Using the Remote Control

Press  on the remote control to see the menus.


In **digital** mode the menu bar at the top of the screens will show three different topics shown in symbols. As each symbol is selected by pressing the  or  button on the remote control, its respective options will appear below.

In **analogue** mode the menu appears as a list of six topics. As each symbol is selected by pressing  or  on the navigation ring on the remote control, its respective options will appear below.

To use the options, press  and  on the remote control to move up and down through them and ,  or  to select the required choice. Follow the on-screen instructions. The functions of each menu are described in detail throughout the manual.

Using the Controls and Connections


To alter the volume press –  +.

To alter the programme position press ▼  ▲.

Press **MENU** and <, >, ^ or v to control the sound and picture options.

Press **MENU** twice to finish.

An S-video cable provides better picture performance than a composite video cable. If you connect an S-video cable to **EXT3**, be sure to disconnect the standard (composite) video cable or the picture performance will be unacceptable.

To select the external input, press  until the appropriate input source is selected.

Please always refer to the owner's manual of the equipment to be connected for full details.


FUNCTION AND OPERATION

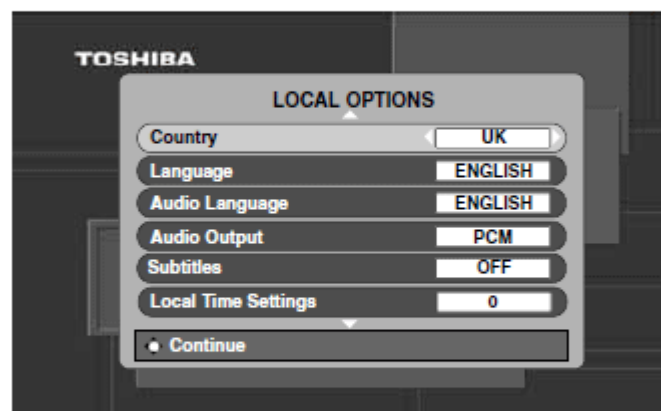
Tuning Digital Television







Before switching on the television put your decoder and media recorder to **Standby** if they are connected.

To set up the television use the buttons on the remote control.

Tuning for the First Time

- 1 Press the  button, the **LOCAL OPTIONS** screen will appear. This screen will appear the first time that the television is switched on and each time the television is reset.

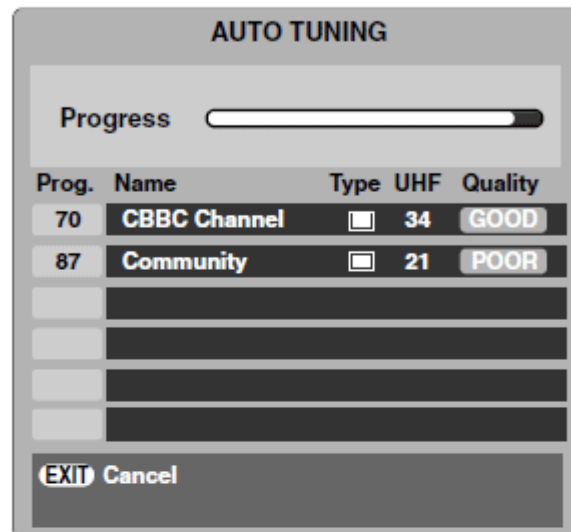


- 2 Press  to highlight **Country** and  or  to select. The television will now tune the stations for your country.
- 3 Using  highlight **Language**, then  or  to select.

- 4 Press **OK** to start tuning.

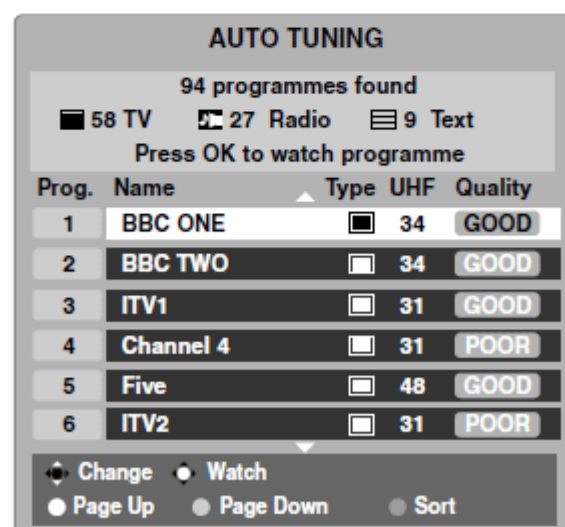
The **AUTO TUNING** screen will appear and the television will start to search for available stations. The progress bar will move along the line.

You must allow the television to complete the search.



When the search is complete the television will automatically select programme one.

The **AUTO TUNING** screen will display the total number of services found.



- 5 Use **▼** or **▲** to move through the list to select a programme then press **OK** to view.

NOTE: The time will be set automatically by transmission but can be advanced or decreased by up to 3 hours using **Local Time Settings**.




Digital Auto Tuning


NOTE: As new services are broadcast it will be necessary to re-tune the television in order to view them.

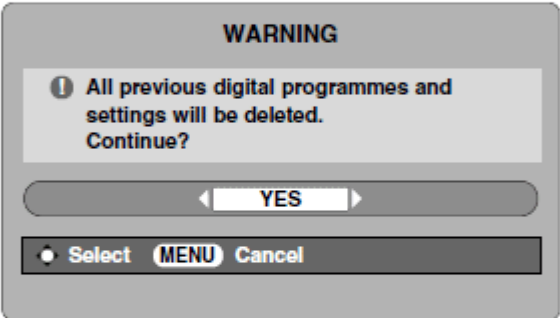
Auto tuning will completely re-tune the television and can be used to up date the channel list.

It is recommended that Auto tuning is run periodically to ensure that all new services are added. All current programmes and settings, i.e. favourites and locked programmes, will be lost.

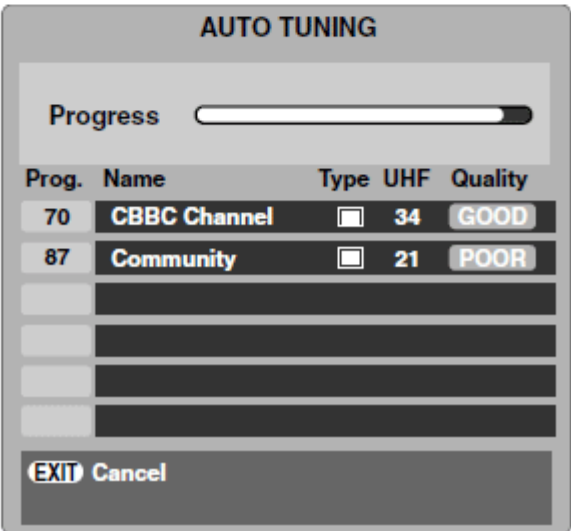
- 1

Press , the **SETUP MENU** will appear. Use  to highlight **Auto tuning**. Press .
- 2

A screen will appear warning that previous digital programmes and settings will be deleted. Press  to continue with the **Auto tuning**.

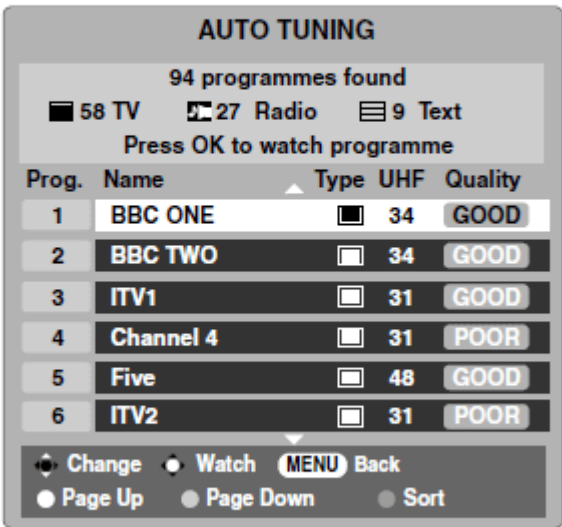


The television will start to search for all available stations.






You must allow the television to complete the search.

When the search is complete the **Auto tuning** screen will display the total number of services found.



- 3

Use  or  to move through the list to select a programme then press  to view.

Analogue Switch-off

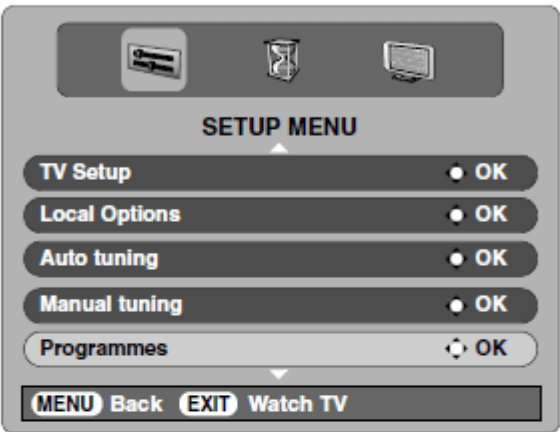
This is a **digital** television which is integrated to allow the use of both **digital** and **analogue** services. However, during the lifetime of this set it is very likely that **analogue** services will be switched off to allow for more new **digital** services.

This 'switch-off' will happen in a number of phases, which will be advertised in your area well in advance. It is recommended that at each phase the television is re-tuned to ensure that existing and new **digital** services can be viewed without disruption (see the 'Auto tuning' section).

Digital Programme Sorting

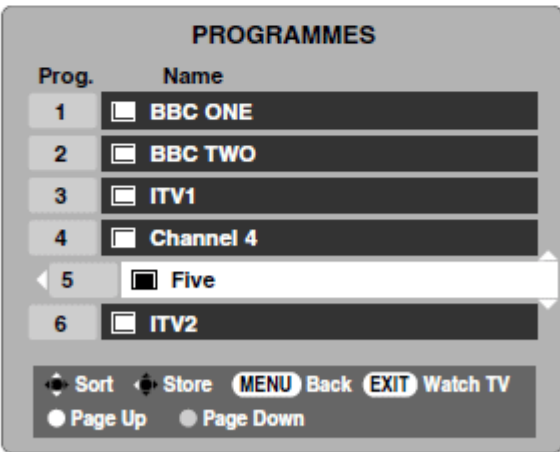
NOTE: When the television is switched off the mode being viewed at the time will automatically be selected when the television is switched back on.

- 1 The station order may be changed to suit personal preference. Press **MENU**, the **SETUP MENU** will appear on screen.
- 2 Use **▼** to move down through the list and highlight **Programmes**. Press **OK**.



- 3 With the list of stations now showing use **▼** or **▲** to highlight the station you want to move and press **►**.

The selected station will be moved to the right of the screen.



- 4 Use **▼** or **▲** to move through the list to your preferred position. As you do so the other stations will move to make room.
- 5 Press **◀** to store your move. Repeat as necessary, then press **EXIT**.

Digital Manual Tuning

This feature is available for service engineers or can be used for direct channel entry if the multiplex channel is known.

- 1** Select **Manual tuning** from the **SETUP MENU** and press **OK**.
- 2** Enter the multiplex number using the number buttons and then press **OK**. The television will automatically search for that multiplex.

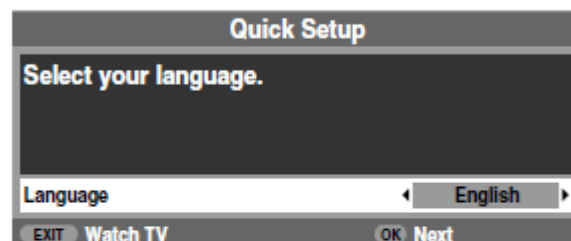
When the multiplex is found any channels not currently on the programme list will be added and the programme information at the top of the screen will be updated.
- 3** Repeat as necessary. Press **EXIT** to finish.

Tuning Analogue Mode

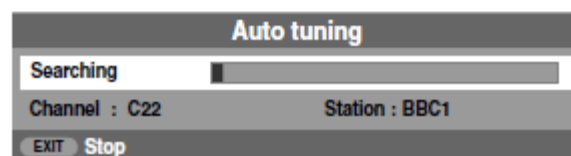
Quick Setup

The **Quick Setup** feature will tune all **analogue** channels currently available in the area. To put the television into **ATV** mode press the **ATV/DTV** button.

- 1 Select **ATV** mode. The **Quick Setup** screen will appear.



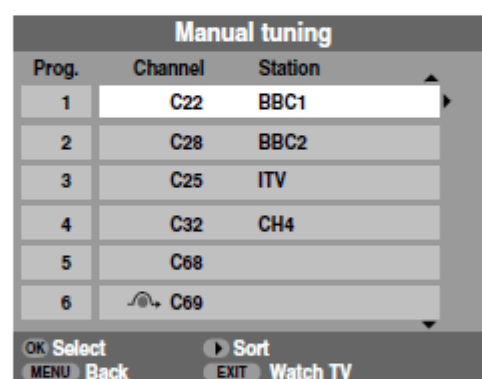
- 2 Using ◀ or ▶ select your **language**, then press (OK).
- 3 Then press ◀ or ▶ to select your **country**.
- 4 To start **Auto tuning** press (OK).



- 5 The search will begin for all available stations. The slide bar will move along the line as the search progresses.

You must allow the television to complete the search.

When the search is complete the television will automatically select programme position 1 and the **Manual tuning** screen will appear.



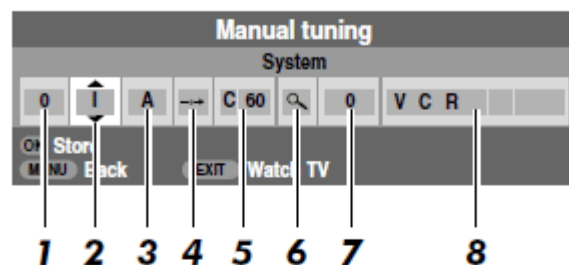
- 6 Use ▼ or ▲ to move through the list to select a programme then press (EXIT) to view.

The station order may be changed using the **Manual tuning** screen (see the **analogue** 'Sorting programme positions' section).

Manual Tune

The television can be tuned-in manually using **Manual tuning**. For example: if the television cannot be connected to a media recorder/decoder with a SCART lead or to tune-in a station on another **System**.

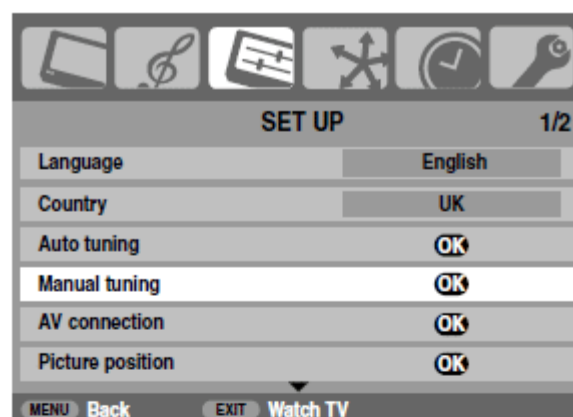
Use ◀ and ▶ to move across the screen and select any of these *Manual Tune* options.



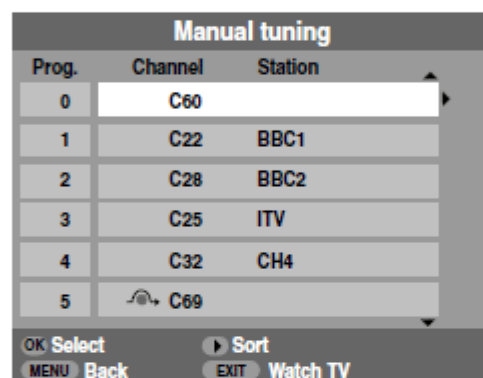
- 1 Programme:**
The number to be pressed on the remote control.
- 2 System:**
Specific to certain areas.
- 3 Colour system:**
Factory set to Auto, should only be changed if problems are experienced, i.e. NTSC input from external source.
- 4 Programme skip:**
👁️ means nothing has been stored or the facility to skip the channel is ON.
- 5 Channel:**
The channel number on which a station is being broadcast.
- 6 Search:**
Search up and down for a signal.
- 7 Manual fine tuning:**
Only used if interference/weak signal is experienced.
- 8 Station:**
Station identification. Use the ▲ or ▼ and ◀ or ▶ buttons to enter up to seven characters.

To allocate a programme position on the television for a decoder and media recorder: turn the decoder on, insert a pre-recorded film in the media recorder and press PLAY, then manually tune.

- 1 Press **MENU** and using **◀** or **▶** select the **SET UP** menu, with **▼** highlight **Manual tuning**, press **OK** to select.

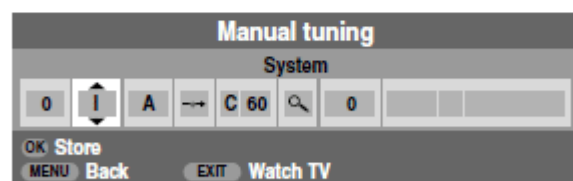


- 2 Use **▲** or **▼** to highlight the programme position required e.g. we suggest **Prog. 0** for a media recorder.



Different **Channel** numbers may be displayed.

- 3 Press **OK** to select. If the programme is skipped, **Programme skip** must be removed before storing.



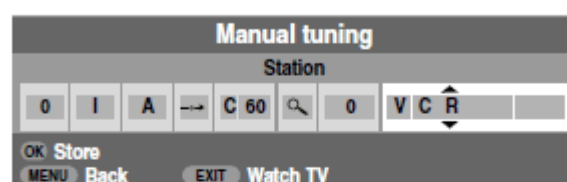
- 4 Press **▶** to select **System** and use **▲** or **▼** to change if required.

- 5 Then press **▶** to select **Search**.

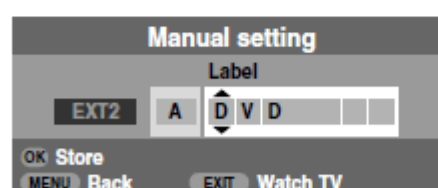
- 6 Press **▲** or **▼** to begin the search. The search symbol will flash.



- 7** Each signal will show on the television, if it is not your media recorder, press ▲ or ▼ again to restart the search.
- 8** When your media recorder signal is found, press ► to move along to **Station**. With ▲, ▼, ◀ and ▶ put in the required characters, e.g. **VCR**.




- 9** Press (OK) to store.
- 10** Repeat for each **programme position** you want to tune or, press (MENU) to return to the list of channels and select the next number to tune.
- 11** Press (EXIT) when you have finished.
- 12** To name external equipment, e.g. DVD on EXT2, press ⏮ to select ⏮2, then select **Manual setting** from the **SET UP** menu.
- 13** Press ► to select **Label** then using ▲, ▼, ◀ and ▶ put in the required characters.

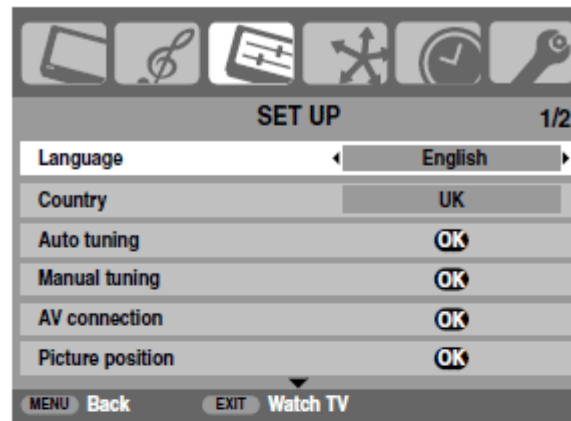



PLEASE NOTE

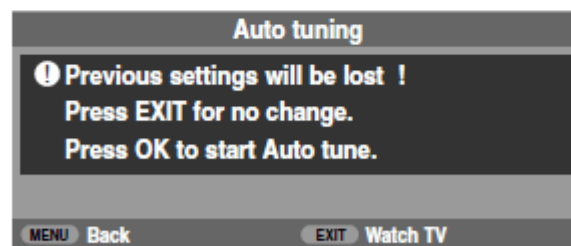
This television has direct channel entry if the channel numbers are known.
Select the **Manual tuning** screen in **Step 3**. Enter the **Programme number**, the **System**, then **C** for standard (terrestrial) channels or **S** for cable channels and the **Channel number**. Press (OK) to store.


Using Auto Tuning

- 1** To set up the television using **Auto tuning**, press  and use ◀ or ▶ to select the **SET UP** menu.



- 2** Press ▼ to highlight **Language** and ◀ or ▶ to select.
- 3** Using ▼ highlight **Country**, then ◀ or ▶ to select. The television will now tune the stations for your country.
- 4** Press ▼ to highlight **Auto tuning**, then press .



- 5** To start **Auto tuning** press .

You must allow the television to complete the search.

When the search is complete the television will automatically select programme position 1. This may not be a clear picture, so the station order can be changed (see 'Sorting programme positions' section).

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		
Netherlands	VHF 05-12 UHF 21-69		
Sweden	VHF 05-12 UHF 21-69		
Finland	VHF 05-12 UHF 21-69		
Greece	VHF 05-12 UHF 21-69		

Video Input PAL, SECAM, NTSC 3.58/4.43

External connections

EXT1	Input	21-pin SCART	RGB, A/V
EXT2	Input	21-pin SCART	A/V, S-video
EXT3	Input	Phono jacks Phono jacks	Y, P _B /C _B , P _R /C _R Audio L + R
EXT3	Input (Side)	Phono jack Phono jacks	Video, S-video Audio L + R
HDMI 1/2	Input	HDMI™ (Audio LIP SYNC supported)	
HDMI3	Input (Side)	HDMI™ (Audio LIP SYNC supported)	
PC	Input	Mini D-sub 15-pin Analog RGB signal	
PC/HDMI1 Audio		3.5mm mini jack	Audio
Digital Audio Output (S/PDIF)		Optical	
Output to Active Super Woofer		Phono jack	
Fixed Audio Output		Phono jacks	Audio L + R

Stereo Nicam
2 carrier system

Visible Screen Size (approx.)

Model	32	80cm
	37	94cm
	42	107cm

Display 16:9

Sound output (at 10% distortion) Main 10W + 10W

Power consumption as specified in EN60107-1 : 1997

Model	32	141W
	37	173W
	42	207W

Standby (approx.)

Model	32	0.7W
	37	0.7W
	42	0.7W

Dimensions (approx.)

Model	32	56cm (H) 79cm (W) 25cm (D)
	37	63cm (H) 90cm (W) 25cm (D)
	42	69cm (H) 101cm (W) 26cm (D)

(Height dimension includes foot stand)

Weight (approx.)

Model	32	16.6kg
	37	20.6kg
	42	26.7kg

Headphone socket 3.5mm stereo

Accessories

- Remote control
- 2 batteries (AAA, IEC R03 1.5V)
- Clip
- Cleaning cloth (to clean the cabinet and control panel)

Information

Before connecting any external equipment, turn off all main power switches. If there is no switch remove the mains plug from the wall socket.

Signal information for Mini D-sub 15 pin connector

Pin No.	Signal name	Pin No.	Signal name	Pin No.	Signal name
1	R	6	Ground	11	NC
2	G	7	Ground	12	NC
3	B	8	Ground	13	H-sync
4	NC*	9	NC	14	V-sync
5	NC	10	Ground	15	NC

* NC = not connected

Acceptable video signals through PC terminal

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
VGA	640 × 480	59.940Hz	31.469kHz	25.175MHz
		72.809Hz	37.861kHz	31.500MHz
		75.000Hz	37.500kHz	31.500MHz
SVGA	800 × 600	60.317Hz	37.879kHz	40.000MHz
		72.188Hz	48.077kHz	50.000MHz
		75.000Hz	46.875kHz	49.500MHz
XGA	1024 × 768	60.004Hz	48.363kHz	65.000MHz
		70.069Hz	56.476kHz	75.000MHz
		75.029Hz	60.023kHz	78.750MHz
WXGA	1280 × 768	59.995Hz	47.396kHz	68.250MHz
		59.870Hz	47.776kHz	79.500MHz
		74.893Hz	60.289kHz	102.250MHz
	1360 × 768	60.015Hz	47.712kHz	85.500MHz
SXGA	1280 × 1024	60.020Hz	63.981kHz	108.000MHz
		75.025Hz	79.976kHz	135.000MHz

Acceptable video or PC signals through HDMI terminals

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
480i	720 × 480i	59.940/60.000Hz	15.734/15.750kHz	27.000/27.027MHz
576i	720 × 576i	50.000Hz	15.625kHz	27.000MHz
480p	720 × 480p	59.940/60.000Hz	31.469/31.500kHz	27.000/27.027MHz
576p	720 × 576p	50.000Hz	31.250kHz	27.000MHz
1080i	1920 × 1080i	59.940/60.000Hz	33.716/33.750kHz	74.176/74.250MHz
1080i	1920 × 1080i	50.000Hz	28.125kHz	74.250MHz
720p	1280 × 720p	59.940/60.000Hz	44.955/45.000kHz	74.176/74.250MHz
720p	1280 × 720p	50.000Hz	37.500kHz	74.250MHz
1080p	1920 × 1080p	59.940/60.000Hz	67.500kHz	148.500MHz
1080p	1920 × 1080p	50.000Hz	56.250kHz	148.500MHz
1080p	1920 × 1080p	24.000Hz	27.000kHz	74.250MHz
VGA	640 × 480	59.940Hz	31.469kHz	25.175MHz
		72.809Hz	37.861kHz	31.500MHz
		75.000Hz	37.500kHz	31.500MHz
SVGA	800 × 600	60.317Hz	37.879kHz	40.000MHz
		72.188Hz	48.077kHz	50.000MHz
		75.000Hz	46.875kHz	49.500MHz
XGA	1024 × 768	60.004Hz	48.363kHz	65.000MHz
		70.069Hz	56.476kHz	75.000MHz
		75.029Hz	60.023kHz	78.750MHz
WXGA	1280 × 768	59.995Hz	47.396kHz	68.250MHz
		59.870Hz	47.776kHz	79.500MHz
		74.893Hz	60.289kHz	102.250MHz
	1360 × 768	60.015Hz	47.712kHz	85.500MHz
SXGA	1280 × 1024	60.020Hz	63.981kHz	108.000MHz
		75.025Hz	79.976kHz	135.000MHz