

JVC

SERVICE MANUAL

INTEGRATED DIGITAL TERRESTRIAL LCD TELEVISION

LT-26DE1BJ/AX, LT-26DE1BU/AX



DVB
Digital Video
Broadcasting
HD
ready
HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE
HDD PVR

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SPECIFICATION

Items		Contents	
		LT-26DE1BJ	LT-26DE1BU
Dimensions (W × H × D)		66.0 cm × 48.83 cm × 27.86 cm [66.0 cm × 44.0 cm × 9.0 cm (Without stand)]	
Mass		9.2 kg [8.2 kg (Without stand)]	
Power Input		AC220V - AC240 V, 50 Hz	
Power Consumption		105 W (Standby: 0.9 W)	
TV RF System	Analog	CCIR (B/G, I, D/K, L)	
	Digital	DVB-T	
Colour System		PAL, SECAM, NTSC 3.58/4.43 [EXT only]	
Stereo System		NICAM (B/G, I, D/K, L), A2 (B/G, D/K)	
Receiving Frequency	Analog	VHF: 45.25 MHz - 470MHz UHF: 470 MHz - 855.25 MHz CATV: 116MHz - 172MHz / 220MHz - 469MHz	
	Digital	UHF:474 MHz - 858 MHz	
Intermediate Frequency	VIF	38.9MHz (B/G, I, D/K, L)	
	SIF	33.4MHz (5.5MHz:B/G)	
		32.9MHz (6.0MHz:I) 32.4MHz (6.5MHz:D/K)	
Colour Sub Carrier Frequency	PAL	4.43MHz	
	SECAM	4.40625MHz / 4.25MHz	
	NTSC	3.58MHz / 4.43MHz	
Teletext System	Analog	FLOF (Fastext), TOP	
	Digital	MHEG 5 UK profile	EBU TEXT
LCD panel		26-inch wide aspect (16 : 9)	
Screen Size		Diagonal : 66.0 cm (H: 57.8 cm × V: 32.6 cm)	
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots	
Audio Power Output		5 W + 5 W	
Speaker		3.5 cm × 11.5 cm, oval type × 2	
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial × 1	
EXT-1 / EXT-2 (Input/Output)		21-pin Euro connector (SCART socket) × 2	
EXT-3 (Input)	Component Video	RCA pin jack × 3 750p / 1125i Y: 1 V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75Ω / Pb/Pr: ±0.35V(p-p), 75 Ω 625p / 525p / 625i / 525i Y: 1 V (p-p), Positive (Negative sync.), 75 Ω / Cb/Cr: 0.7V(p-p), 75 Ω	
	Audio	500 mV(rms) (-4dBs), high impedance, RCA pin jack × 2	
EXT-4 (Input)	S-Video	Mini-DIN 4 pin × 1 Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286 V (p-p) (Burst signal), 75 Ω	
	Video	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1	
	Audio	500 mV (rms), High impedance, RCA pin jack × 2	
EXT-5 / EXT-6 (Digital Input)	Video / Audio	HDMI 2-row 19pin connector × 2 (Digital-input terminal is not compatible with picture signals of personal computer) • 576i(625i),576p(625p),480i(525i),480p(525p),720p(750p),1080i(1125i) signals are available. • All HDMI inputs support DVI video but only first HDMI input (EXT-5) supports DVI audio through component audio input (EXT-2 or EXT-3).	
Digital Audio Optical Output		Digital SPDIF × 1	
Headphone		3.5 mm stereo mini jack × 1	
HDD		160GB	
Remote Control Unit		RM-C2111B (AA/R06 dry cell battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\perp) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

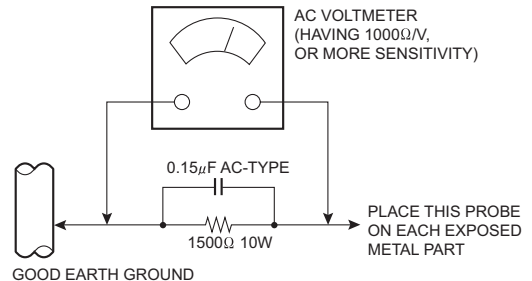
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.7mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.35V AC (r.m.s.). This corresponds to 0.3mA AC (r.m.s.).

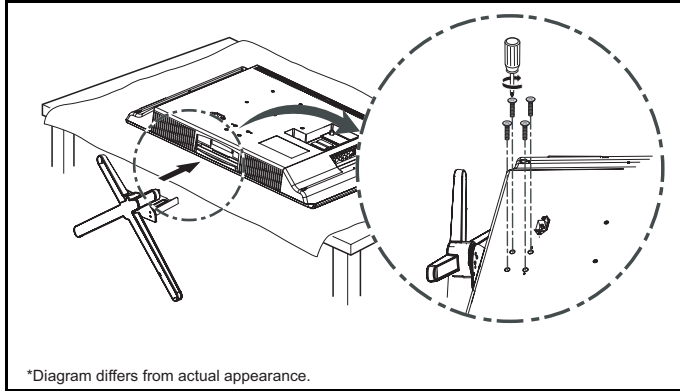


1.2 INSTALLATION

1.2.1 ATTACH THE STAND TO THE TV

When installing the unit on the floor, it is required to attach the supplied stand.

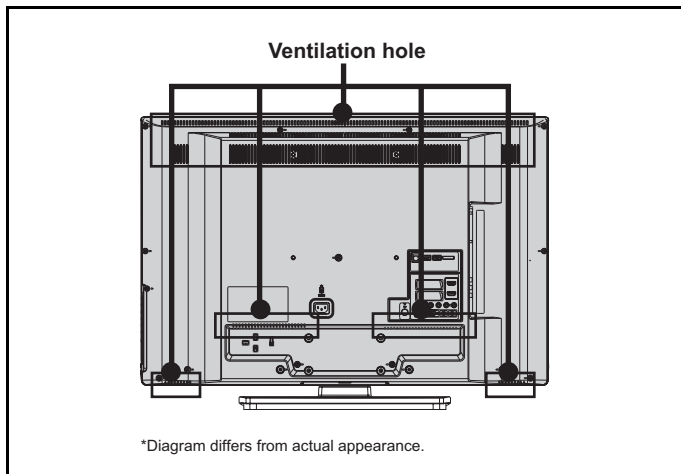
To attach the stand to the TV, follow the procedure below.



To prevent scratches on the panel, lay a piece of soft cloth on an even platform and place the TV onto it.

1.2.2 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

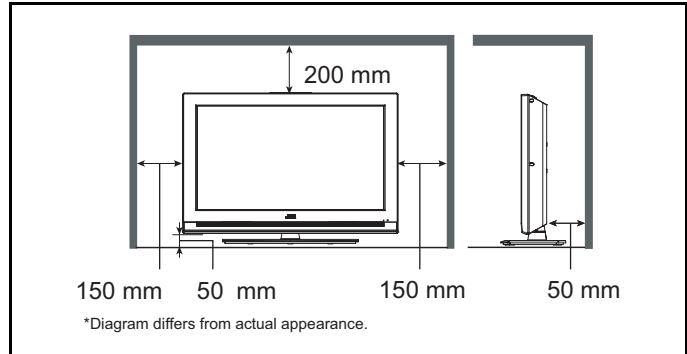


1.2.3 NOTES ON HANDLING

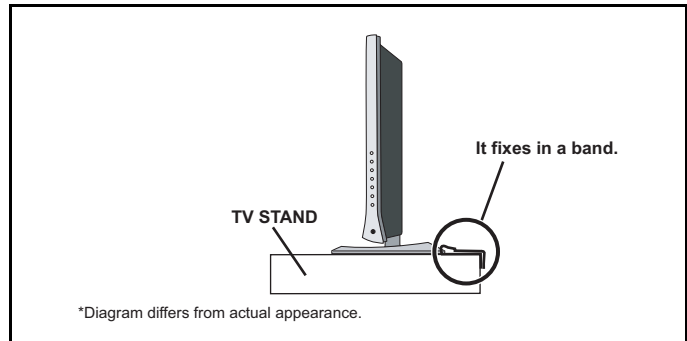
When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

1.2.4 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands.



To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.



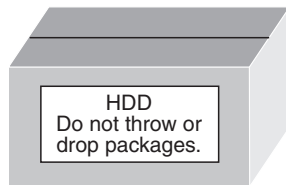
1.3 HANDLING HARD DISK DRIVE (HDD)

The HDD is a precision device for use in reading and writing a large amount of data on or from a disk rotating at a high speed. If it is not handled carefully, either abnormal operation may result or it may not be possible to read data. The HDD is sensitive to the following items and special care is required in safeguarding against them when handling an HDD. Also take care in handling a set incorporating an HDD.

- (1) Vibrations and impacts
- (2) Static electricity
- (3) Rough handling

1.3.1 HANDLING IN TRANSPORT, ETC.

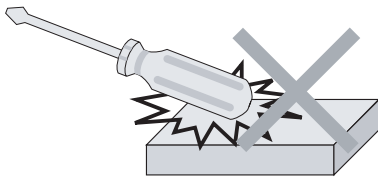
- Be sure to place the HDD in the manufacturer's specified package carton before transport.
- When receiving a package containing an HDD, check that the package carton is not damaged (such as having holes in the carton, crushed corners, etc.).
- Do not impact the packaging carton when loading or unloading it.
- It is not permitted to use the inner package carton only for transporting an HDD.
- Do not stack package cartons one upon another.



Be sure to package and transport the HDDs correctly.

1.3.2 HANDLING AN HDD IN THE STAND-ALONE STATUS

- When handling an HDD on a hard workbench, place an antistatic mat (rubber sheet) or similar object on the hard surface (to prevent any impacts occurring between the HDD and bench).
- Do not stack the HDDs one upon another.
- Do not knock an HDD with a hard object (such as a screwdriver).
- Do not place an HDD on its side panel without using a support (do not place an HDD in an unstable position).



1.3.3 HANDLING THE INSTALLATION OF AN HDD

- Place antistatic mats or similar sheets on all of the surfaces on which work is conducted or when the HDD is transported.
- Do not permit the HDD to knock against the set's brackets.
- When screwing the brackets, be careful not to knock the HDD. When using a power screwdriver, use a low-shock model and arrange the tightening torque properly.
- When mounting an HDD in a main body, take care not to apply excessive force to the brackets.

1.4 HANDLING LCD PANEL

1.4.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

- (1) **USE A SPECIAL PACKING CASE FOR THE LCD PANEL**
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.
- (2) **ATTACH PROTECTION SHEET TO THE FRONT**
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.
- (3) **AVOID VIBRATIONS AND IMPACTS**
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.
- (4) **DO NOT PLACE EQUIPMENT HORIZONTALLY**
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.4.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.4.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

DIGITAL TUNER

This TV can receive both DVB-T(Digital terrestrial broadcasting) and Analogue terrestrial broadcasting.

HDMI INPUT

By connecting a HDMI compatible device, high definition pictures can be displayed on your TV in their digital form.

BUILT-IN HARD DISK DRIVE

This television has PVR (Personal Video Recorder) function that allows you to record a programme in the installed hard disk drive.

PICTURE MODE

This function can adjust the picture settings automatically. There are BRIGHT, STANDARD, SOFT and MANUAL in the PICTURE MODE.

ZOOM

This function can change the screen size according to the picture aspect ratio.

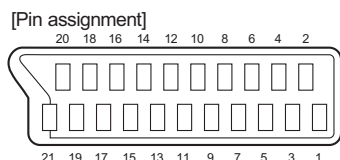
HYPER SOUND

You can enjoy sounds with a wider ambience.

2.2 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal), High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal), High impedance	Used (L1)	Used (L2)
7	B input	700mV _(B-W) , 75Ω	Used	Not used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL		Not used	Used (SCL2)
11	G input	700mV _(B-W) , 75Ω	Used	Not used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω	Used (R)	Used (C2)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Not used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	1V _(P-P) (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	1V _(P-P) (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)



2.3 TECHNICAL INFORMATION

2.3.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.3.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications
Maximum dimensions (W × H × D)	626.0 mm × 373.0mm × 45.0 mm
Weight	3.75 kg
Effective screen size	Diagonal : 66.3 cm (H: 57.8 cm × V: 32.6 cm)
Aspect ratio	16 : 9
Drive device / system	a-Si-TFT active matrix system
Resolution	Horizontally 1366 × Vertically 768 × RGB < W-XGA > 3147264 dots in total
Pixel pitch (pixel size)	Horizontally: 0.4215 mm, Vertically: 0.4215 mm
Displayed color	16777216 colors 256 colors for R G and B
Brightness	450 cd/m2
Contrast ratio	3000 : 1
Response time (G to G)	less than 6.5 ms
View angle (Horizontally)	178°
View angle (Vertically)	178°
Surface polarizer	Anti-Glare type Low reflective coat
Color filter	Vertical stripe
Backlight	Cold cathode fluorescent lamp
Power supply voltage in LCD	12 V
Power supply voltage in inverter	24 V
Panel interface system	LVDS (Low Voltage Differential Signaling)

2.3.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

SECTION 3

DISASSEMBLY

3.1 CAUTION AT DISASSEMBLY

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.
- Be sure to reattach the wire clamps removed during the procedure to the original positions. (Attaching the wire clamps in wrong positions may affect the performance.)

REFERENCE:

When removing each board, remove the connector if necessary. The operation is easier if you write down the connection points (connector numbers) of the connector. For connection of each board, refer to the "WIRING DIAGRAM" of the Standard Circuit Diagram.

3.2 DISASSEMBLY PROCEDURE

3.2.1 REMOVING THE REAR COVER (Fig.3-1)

- (1) Remove the 7 screws [A] and 2 screws [B].
- (2) Remove the REAR COVER.

3.2.2 REMOVING THE POWER UNIT (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 4 screws [C].
 - (2) Remove the POWER UNIT.

3.2.3 REMOVING THE HDD (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 2 screws [D].
 - (2) Remove the HDD and HDD BRACKET together.
 - (3) Remove the 2 screws [E].
 - (4) Remove the HDD from the HDD BRACKET.

3.2.4 REMOVING THE MAIN PWB / MPEG PWB (Fig.3-1)

- Remove the REAR COVER.
- Remove the SMART DTV PWB.
 - (1) Remove the 2 screws [F] and 1 screw [G].
 - (2) Remove the SIDE SHIELD.
 - (3) Remove the 4 screws [H] and 4 screws [J].
 - (4) Remove the MAIN PWB and MPEG PWB together.
 - (5) Remove the connector connecting the MAIN PWB and MPEG PWB to separate each board.

3.2.5 REMOVING THE KEY PWB (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 2 screws [K].
 - (2) Remove the CONTROL BASE and KEY PWB together.
 - (3) Remove the 2 screws [L].
 - (4) Remove the KEY PWB from the CONTROL BASE.

3.2.6 REMOVING THE INVERTER PWB (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 6 screws [M].
 - (2) Remove the INVERTER PWB COVER.
 - (3) Remove the INVERTER PWB.

3.2.7 REMOVING THE POWER BRACKET (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 2 screws [N].
 - (2) Remove the POWER BRACKET.

3.2.8 REMOVING THE SPEAKER (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 2 screws [O].
 - (2) Remove the SPEAKER.
 - (3) Follow the same steps when removing the other SPEAKER.

3.2.9 REMOVING THE IR PWB (Fig.3-1)

- Remove the REAR COVER.
 - (1) Remove the 1 screw [P].
 - (2) Remove the IR PWB.

3.2.10 REMOVING THE STAND (Fig.3-1)

- Remove the 2 screws [B], if the REAR COVER is not removed.
 - (1) Remove the 2 screws [Q].
 - (2) Remove the STAND.

3.2.11 REMOVING THE BLUE LED MODULE (Fig.3-1)

- Remove the REAR COVER.
- Remove the STAND.
- Remove the MAIN PWB.
- Remove the MPEG PWB.
 - (1) Remove the 4 screws [R] and 4 screws [S].
 - (2) Remove the MAIN SHIELD.
 - (3) Remove the 2 screws [T].
 - (4) Remove the BLUE LED MODULE.

3.2.12 REMOVING THE LCD PANEL UNIT (Fig.3-1)

- Remove the REAR COVER.
- Remove the STAND.
- Remove the MAIN SHIELD.
 - (1) Remove the 2 screws [U].
 - (2) Remove the PANEL BRACKET.
 - (3) Remove the LCD PANEL UNIT.

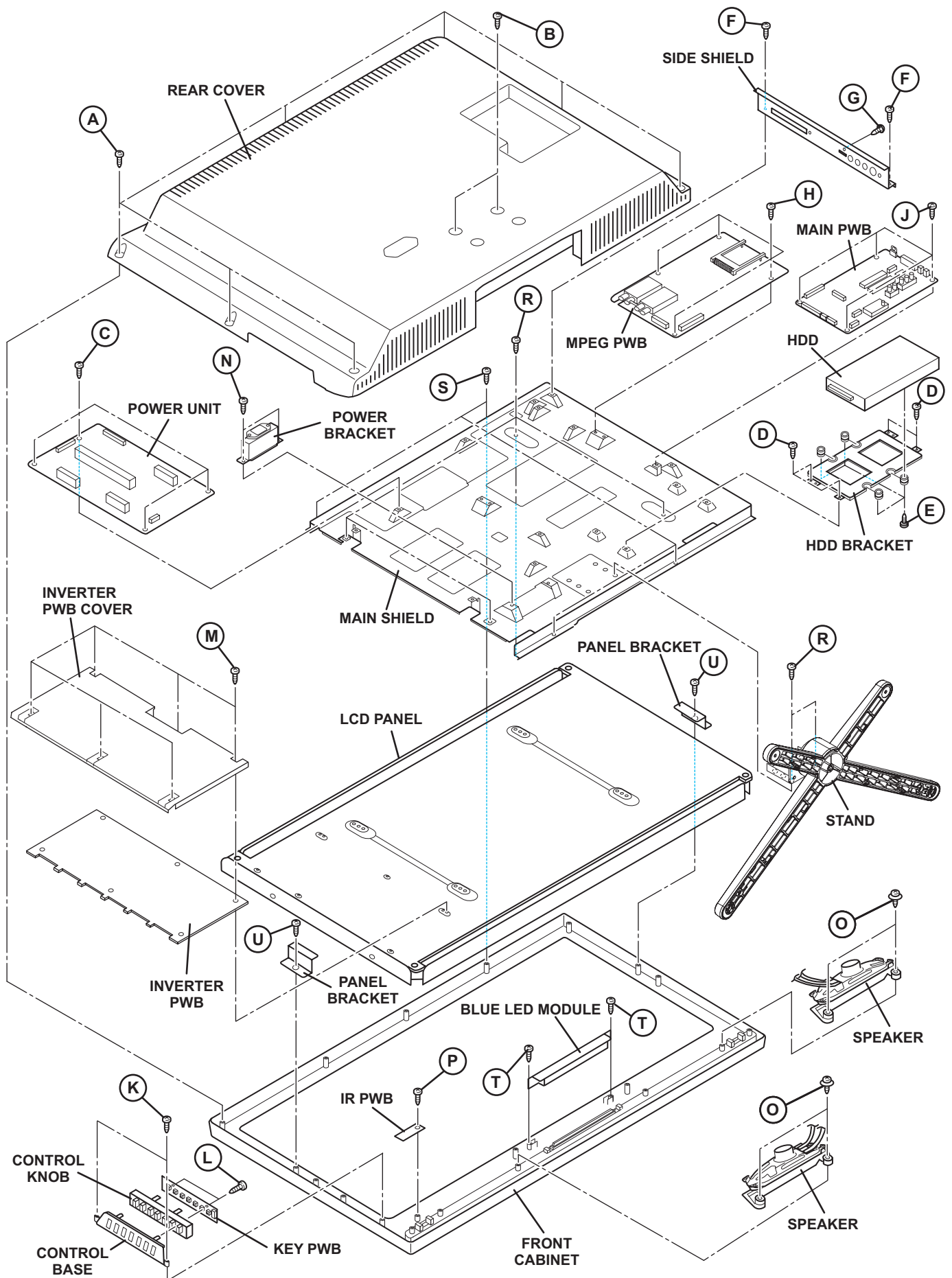


Fig.3-1

3.3 MEMORY IC REPLACEMENT

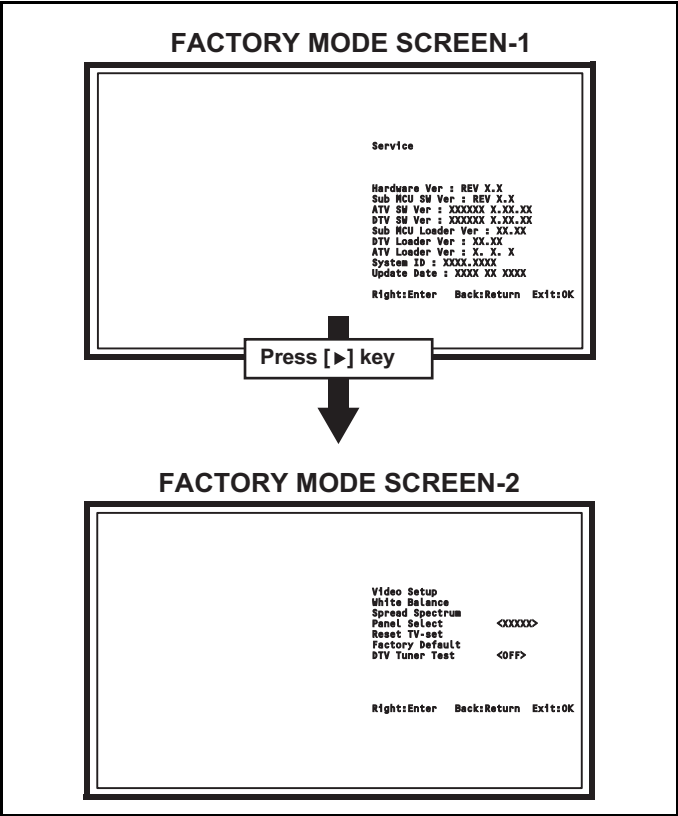
- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.3.1 MEMORY IC REPLACEMENT PROCEDURE

- 1. Power off**
Switch off the power and disconnect the power plug from the AC outlet.
- 2. Replace the memory IC**
Be sure to use the memory IC written with the initial setting values.
- 3. Power on**
Connect the power plug to the AC outlet and switch on the power.
- 4. Receiving channel setting**
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.
- 5. User setting**
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.
- 6. FACTORY MODE setting**
Verify what to set in the FACTORY MODE, and set whatever is necessary.

3.3.2 FACTORY MODE SETTING

■FACTORY MODE SCREEN



■SETTING ITEM

Setting items	Settings
Video Setup	[Do not adjust]
White Balance	Adjust
Spread Spectrum	[Do not adjust]
Panel Select	[Do not adjust]
Reset TV-set	---
Factory Default	---
DTV Tuner Test	---

3.3.3 SETTINGS OF FACTORY SHIPMENT

3.3.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
AV	TV

3.3.3.3 REMOTE CONTROL MENU OPERATION

(1) Picture

Setting item	Setting position
Mode	Bright
Fleshtone	Off
Colour Temperature	Cool
Noise Reduction	High
Backlight	High

(2) Sound

Setting item	Setting position
Bass	0
Treble	0
Balance	0
AVL	On
Hyper Sound	Off

(3) Install

Setting item	Setting position
Country	BJ: UK BU: Germany
Antenna Power	Off
Auto Search	---
Manual Search	---
Edit Channels	---

3.3.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	AUTO
SUB POWER	OFF

(4) Feature

Setting item		Setting position
Language		English
Time Setting	Power On Time	Off
	Power Off Time	Off
	Auto Power Off	Off
Parental Control		Disable
OSD Transparency		30
Blue Back		Off
Power Lamp		On
4 : 3 Aspect Setting		Panoramic

(5) APS (in Analog tV Mode only)

Setting item	Setting position
Language	English
Antenna Power	Off
Country	BJ: UK BU: Germany
Channel Search	---

3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

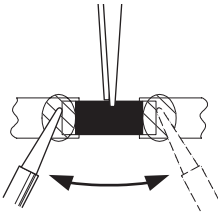
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

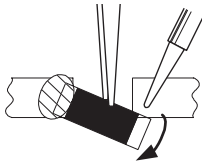
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

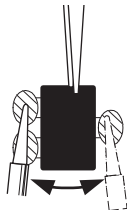


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



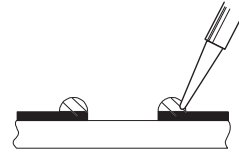
NOTE :

After removing the part, remove remaining solder from the pattern.

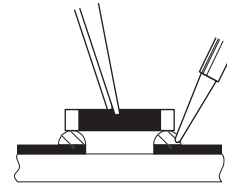
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

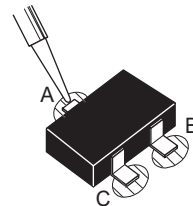


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

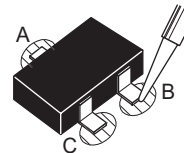


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

- (1) This TV is adjusted by using REMOTE CONTROL UNIT.
- (2) The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
Picture Mode	Standard
Colour Temperature	Normal

4.4 ADJUSTMENT ITEMS

■ VIDEO CIRCUIT

- WHITE BALANCE adjustment

4.5 BASIC OPERATION OF FACTORY MODE

4.5.1 HOW TO ENTER THE FACTORY MODE

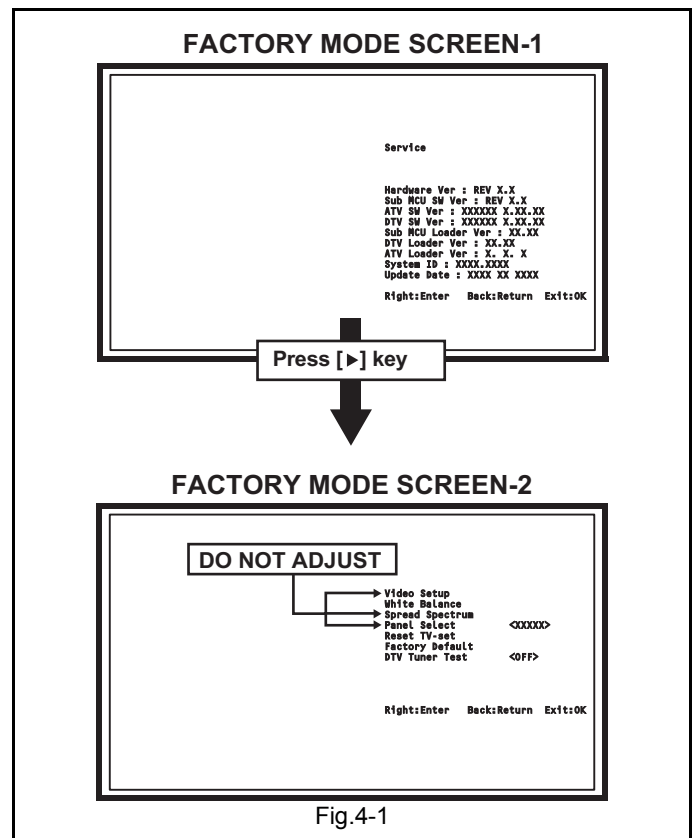
- (1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the FACTORY MODE SCREEN-1. (Fig.4-1)
- (2) Press **[▶]** key on the remote control unit simultaneously to enter the FACTORY MODE SCREEN-2. (Fig.4-1)

4.5.2 HOW TO EXIT THE FACTORY MODE

Press the **[OK]** key to exit the factory mode.

4.3 MEASURING INSTRUMENT AND FIXTURES

- Signal generator (Pattern generator)[PAL]
- Remote control unit



4.5.3 CHANGE AND MEMORY OF SETTING VALUE

SELECTION OF SETTING ITEM

- [FUNCTION ▲/▼] key.
For scrolling up / down the setting items.
- [FUNCTION ◀/▶] key.
For select the setting items.

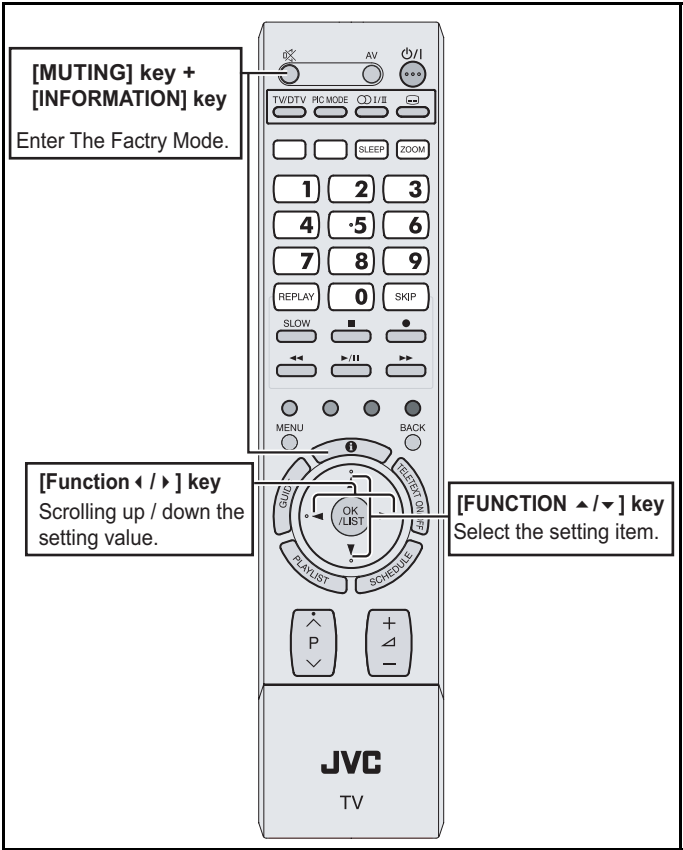
CHANGE OF SETTING VALUE (DATA)

- [FUNCTION ◀/▶] key.
For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys.

4.5.4 FACTORY MODE SELECT KEY LOCATION



4.6 ADJUSTMENT PROCEDURE

4.6.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE	Remote control unit Signal generator		[White Balance] Normal R Normal G Normal B	(1) Set COLOUR TEMP. to "Normal". (2) Select "White Balance" from the FACTORY MODE. (3) Receive a PAL 75% all white signal. (4) Adjust the setting values of <Normal R>, <Normal G> and <Normal B> so that the screen becomes maximum white. NOTE: When the normal mode is adjusted, other modes (cool/ warm) are automatically adjusted.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



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Display Division 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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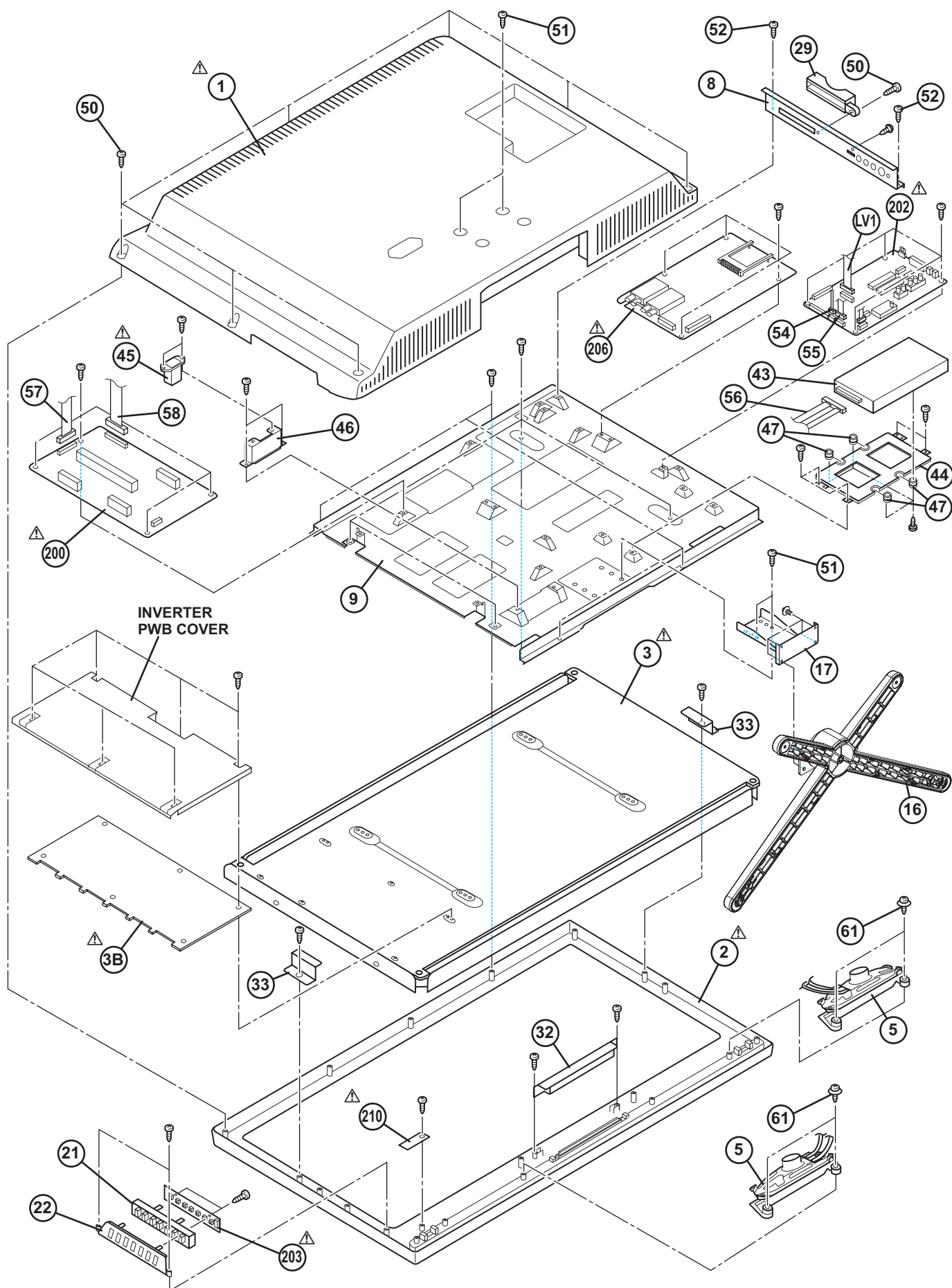
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	P.W.B ASS'Y No.	
	LT-26DE1BJ/AX	LT-26DE1BU/AX
MAIN P.W.B	HU-71100007	←
MPEG P.W.B	HU-71100010	←
IR P.W.B	HU-72200001	←
KEY P.W.B	HU-72200002	←
REMOTE CONTROL UNIT	HU-0320200008	←

EXPLODED VIEW PARTS LIST

△ Ref.No.	Part No.	Part Name	Description	Local
	LV1	HU-0130100060	DIGITAL(LVDS) CABLE	MAIN-LCD PANEL UNIT
△ 1	HU-014213231PN	REAR COVER		
△ 2	HU-014213212PN	FRONT CABINET		
△ 3	QLD0611-001-HUP	LCD PANEL UNIT	HU-0141300045/Inc.3B	
△ 3B	AU-19.26T02.006	INVERTER PWB		
5	HU-024000450	SPEAKER	8Ω 5W 2pcs 1set/Inc.SPEAKER WIRE	
8	HU-3010310001CO	SIDE SHIELD		
9	HU-3010119002CO	MAIN SHIELD		
16	HU-014214010CX	STAND BASE		
17	HU-3011906001CX	SUPPORT BRACKET		
21	HU-3025220001PN	CONTROL KNOB		
22	HU-3029406001PN	GUIDE KNOB		
29	HU-3029304001CO	GUIDE CI		
32	HU-0210000001	BLUE LED MODULE		
33	HU-3011305001CO	PANEL BRACKET	(x2)	
43	HU-014120180	HDD		
44	HU-3011810001CO	HDD BRACKET		
△ 45	HU-0120000001	AC INLET		
46	HU-3011503001CO	POWER BRACKET		
47	HU-1013113002	SPACER	(x4)	
50	HU-M1305300817	SCREW	M3x8(x8)	
51	HU-M1010400817	SCREW	M4x8(x4)	
52	HU-M1118300615	SCREW	M3x6(x2)	
54	HU-0130100007	E-HARNESS ASSY	MAIN-KEY	
55	HU-0130100009	E-HARNESS ASSY	MAIN-IR	
56	HU-0130100005	E-HARNESS ASSY	DIGITAL-HDD	
57	HU-0130100022	E-HARNESS ASSY	INVERTER-POWER UNIT	
58	HU-0130100013	E-HARNESS ASSY	MAIN-POWER UNIT	
61	HU-M1308420815	SCREW	M4x8(x4)	
△ 200	HU-014031300	POWER UNIT		
△ 202	HU-71100007	MAIN PWB		
△ 203	HU-72200002	KEY PWB		
△ 206	HU-71100010	MPEG PWB		
△ 210	HU-72200001	IR PWB		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (HU-71100007)

△Ref No.	Part No.	Part Name	Description Local
U1	-----	IC	Not supply
U2	HU-004020013	FET	
U60	HU-000010440	IC	PROCESSOR
U61	-----	IC	Not supply
U120	CD4052BM-X	IC	MUX/DEMUX
U180	HU-000060019	IC	OP AMP
U200	HU-000990180	IC	SWITCH
U370	-----	IC	Not supply
U371	-----	IC	Not supply
U470	HU-000230270	IC	HDMI RECEIVER
U560	HU-000140450	IC	AUDIO DAC
U580	TPA3100D2PHP-W	IC	
U581	HU-000060510	IC	HEADPHONE AMP
U630	HU-004020250	FET	
U660	HU-000170030	IC	RS232 DRIVER
U661	SN74LVC244APW-X	IC	CMOS
U720	HU-000140583	IC	DC-DC CONV
U721	HU-000091100	IC	REGULATOR
U723	HU-000091100	IC	REGULATOR
U725	HU-000091100	IC	REGULATOR
U726	BA50BC0WFP-X	IC	REGULATOR
U770	HU-014040950	TUNER	ANALOG
U771	HU-000090090	IC	REGULATOR
U772	HU-0009000001	IC	POWER SW
U800	HU-000990055	IC	VOLTAGE DETECTOR
U801	HU-000010610	IC	MICOM
Q1	HU-004001001	TRANSISTOR	
Q61	HU-004001001	TRANSISTOR	
Q120	HU-004001001	TRANSISTOR	
Q374	HU-004001001	TRANSISTOR	
Q375	HU-004001001	TRANSISTOR	
Q581	HU-004001001	TRANSISTOR	
Q582	HU-004020030	MOS FET	
Q583	HU-004001001	TRANSISTOR	
Q631	HU-004001001	TRANSISTOR	
Q632	HU-004001001	TRANSISTOR	
Q634	HU-004000260	FET	
Q660	HU-004001001	TRANSISTOR	
Q661	HU-004000260	FET	
Q662	HU-004000260	FET	
Q680	HU-004000008	TRANSISTOR	
Q681	HU-004001001	TRANSISTOR	
Q686	HU-004000008	TRANSISTOR	
Q773	HU-004001001	TRANSISTOR	
Q800	HU-004000260	FET	
Q802	HU-004000260	FET	
Q803	HU-004001001	TRANSISTOR	
D1	HU-003010046	Z DIODE	
D370	HU-003040008	SI DIODE	
D371	HU-003040008	SI DIODE	
Z330	HU-003010053	Z DIODE	
Z331	HU-003010053	Z DIODE	
C3	HU-001060286	C CAPACITOR	10uF 10V
C4	HU-001060250	C CAPACITOR	0.1uF 16V K
C5	HU-001060286	C CAPACITOR	10uF 10V
C6	HU-001060250	C CAPACITOR	0.1uF 16V K
C7	HU-001060250	C CAPACITOR	0.1uF 16V K
C8	HU-001060286	C CAPACITOR	10uF 10V
C9	HU-001060250	C CAPACITOR	0.1uF 16V K
C10	HU-001060236	C CAPACITOR	10uF 25V
C11	HU-001060250	C CAPACITOR	0.1uF 16V K
C12	HU-001060249	C CAPACITOR	100pF 50V J
C13	HU-001060286	C CAPACITOR	10uF 10V
C14	HU-001060250	C CAPACITOR	0.1uF 16V K
C15	HU-001060286	C CAPACITOR	10uF 10V
C16	HU-001060250	C CAPACITOR	0.1uF 16V K
C17	HU-001060286	C CAPACITOR	10uF 10V
C18	HU-001060250	C CAPACITOR	0.1uF 16V K
C19	HU-001060286	C CAPACITOR	10uF 10V
C20	HU-001060250	C CAPACITOR	0.1uF 16V K
C21	HU-001060286	C CAPACITOR	10uF 10V
C22	HU-001060250	C CAPACITOR	0.1uF 16V K
C23	HU-001060286	C CAPACITOR	10uF 10V
C24	HU-001060250	C CAPACITOR	0.1uF 16V K
C25	HU-001060286	C CAPACITOR	10uF 10V
C26	HU-001060250	C CAPACITOR	0.1uF 16V K
C27	HU-001060250	C CAPACITOR	0.1uF 16V K
C28	HU-001060286	C CAPACITOR	10uF 10V
C29	HU-001060286	C CAPACITOR	10uF 10V
C30	HU-001060219	C CAPACITOR	1000pF 50V K
C31	HU-001060219	C CAPACITOR	1000pF 50V K

△Ref No.	Part No.	Part Name	Description Local
C32	HU-001060250	C CAPACITOR	0.1uF 16V K
C33	HU-001060250	C CAPACITOR	0.1uF 16V K
C34	HU-001060250	C CAPACITOR	0.1uF 16V K
C35	HU-001060286	C CAPACITOR	10uF 10V
C36	HU-001060250	C CAPACITOR	0.1uF 16V K
C37	HU-001060286	C CAPACITOR	10uF 10V
C38	HU-001060250	C CAPACITOR	0.1uF 16V K
C39	HU-001060286	C CAPACITOR	10uF 10V
C40	HU-001060250	C CAPACITOR	0.1uF 16V K
C41	HU-001060250	C CAPACITOR	0.1uF 16V K
C42	HU-001060321	C CAPACITOR	10uF 10V K
C43	HU-001060250	C CAPACITOR	0.1uF 16V K
C44	HU-001060236	C CAPACITOR	10uF 25V
C45	HU-001060105	C CAPACITOR	0.1uF 50V
C46	HU-001060236	C CAPACITOR	10uF 25V
C47	HU-001060236	C CAPACITOR	10uF 25V
C60	HU-001060250	C CAPACITOR	0.1uF 16V K
C64	HU-001060250	C CAPACITOR	0.1uF 16V K
C66	HU-001063002	C CAPACITOR	14pF 50V
C67	HU-001063002	C CAPACITOR	14pF 50V
C120	HU-001060288	C CAPACITOR	1uF 25V
C121	HU-001060288	C CAPACITOR	1uF 25V
C122	HU-001060288	C CAPACITOR	1uF 25V
C123	HU-001060318	C CAPACITOR	0.1uF 50V
C124	HU-001060318	C CAPACITOR	0.1uF 50V
C125	HU-001060318	C CAPACITOR	0.1uF 50V
C126	HU-001060288	C CAPACITOR	1uF 25V
C127	HU-001060288	C CAPACITOR	1uF 25V
C128	HU-001060288	C CAPACITOR	1uF 25V
C129	HU-001060318	C CAPACITOR	0.1uF 50V
C130	HU-001060288	C CAPACITOR	1uF 25V
C131	HU-001060318	C CAPACITOR	0.1uF 50V
C132	HU-001060318	C CAPACITOR	0.1uF 50V
C133	HU-001060288	C CAPACITOR	1uF 25V
C134	HU-001060288	C CAPACITOR	1uF 25V
C135	HU-001060288	C CAPACITOR	1uF 25V
C136	HU-001060288	C CAPACITOR	1uF 25V
C137	HU-001060288	C CAPACITOR	1uF 25V
C138	HU-001060288	C CAPACITOR	1uF 25V
C145	HU-001060266	C CAPACITOR	56pF 50V J
C146	HU-001063035	C CAPACITOR	10pF 50V C
C147	HU-001060250	C CAPACITOR	0.1uF 16V K
C148	HU-001060266	C CAPACITOR	56pF 50V J
C149	HU-001060286	C CAPACITOR	10uF 10V
C150	HU-001060318	C CAPACITOR	0.1uF 50V
C151	HU-001060219	C CAPACITOR	1000pF 50V K
C152	HU-001060288	C CAPACITOR	1uF 25V
C153	HU-001060219	C CAPACITOR	1000pF 50V K
C154	HU-001060288	C CAPACITOR	1uF 25V
C155	HU-001060236	C CAPACITOR	10uF 25V
C156	HU-001060219	C CAPACITOR	1000pF 50V K
C158	HU-001060219	C CAPACITOR	1000pF 50V K
C159	HU-001060219	C CAPACITOR	1000pF 50V K
C160	HU-001060219	C CAPACITOR	1000pF 50V K
C161	HU-001060288	C CAPACITOR	1uF 25V
C162	HU-001060219	C CAPACITOR	1000pF 50V K
C163	HU-001060288	C CAPACITOR	1uF 25V
C164	HU-001060219	C CAPACITOR	1000pF 50V K
C166	HU-001060236	C CAPACITOR	10uF 25V
C180	HU-001071194	E CAPACITOR	100uF 25V
C181	HU-001060318	C CAPACITOR	0.1uF 50V
C182	HU-001060318	C CAPACITOR	0.1uF 50V
C183	HU-001071228	E CAPACITOR	470uF 16V
C186	HU-001071228	E CAPACITOR	470uF 16V
C200	HU-001060286	C CAPACITOR	10uF 10V
C201	HU-001060236	C CAPACITOR	10uF 25V
C202	HU-001060297	C CAPACITOR	0.01pF 50V K
C203	HU-001060250	C CAPACITOR	0.1uF 16V K
C204	HU-001060318	C CAPACITOR	0.1uF 50V
C205	HU-001060286	C CAPACITOR	10uF 10V
C206	HU-001060224	C CAPACITOR	0.47uF 16V
C207	HU-001060250	C CAPACITOR	0.1uF 16V K
C208	HU-001060250	C CAPACITOR	0.1uF 16V K
C209	HU-001060250	C CAPACITOR	0.1uF 16V K
C210	HU-001060250	C CAPACITOR	0.1uF 16V K
C211	HU-001060250	C CAPACITOR	0.1uF 16V K
C212	HU-001060250	C CAPACITOR	0.1uF 16V K
C213	HU-001060250	C CAPACITOR	0.1uF 16V K
C214	HU-001060250	C CAPACITOR	0.1uF 16V K
C215	HU-001060250	C CAPACITOR	0.1uF 16V K
C216	HU-001060288	C CAPACITOR	1uF 25V
C217	HU-001060288	C CAPACITOR	1uF 25V
C218	HU-001060288	C CAPACITOR	1uF 25V
C219	HU-001060288	C CAPACITOR	1uF 25V
C220	HU-001071210	E CAPACITOR	47uF 25V
C221	HU-001060318	C CAPACITOR	0.1uF 50V

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C233	HU-001060219	C CAPACITOR	1000pF 50V K	C631	HU-001060250	C CAPACITOR	0.1uF 16V K
C234	HU-001060219	C CAPACITOR	1000pF 50V K	C632	HU-001060236	C CAPACITOR	10uF 25V
C235	HU-001060236	C CAPACITOR	10uF 25V	C633	HU-001060105	C CAPACITOR	0.1uF 50V
C236	HU-001060219	C CAPACITOR	1000pF 50V K	C636	HU-001060236	C CAPACITOR	10uF 25V
C237	HU-001060236	C CAPACITOR	10uF 25V	C637	HU-0010600007	C CAPACITOR	0.22uF 10V
C238	HU-001060219	C CAPACITOR	1000pF 50V K	C660	HU-001060250	C CAPACITOR	0.1uF 16V K
C263	HU-001060219	C CAPACITOR	1000pF 50V K	C661	HU-001060250	C CAPACITOR	0.1uF 16V K
C264	HU-001060219	C CAPACITOR	1000pF 50V K	C662	HU-001060250	C CAPACITOR	0.1uF 16V K
C265	HU-001060236	C CAPACITOR	10uF 25V	C663	HU-001060250	C CAPACITOR	0.1uF 16V K
C266	HU-001060219	C CAPACITOR	1000pF 50V K	C664	HU-001060286	C CAPACITOR	10uF 10V
C267	HU-001060236	C CAPACITOR	10uF 25V	C665	HU-001060250	C CAPACITOR	0.1uF 16V K
C268	HU-001060219	C CAPACITOR	1000pF 50V K	C680	HU-001060250	C CAPACITOR	0.1uF 16V K
C299	HU-001060250	C CAPACITOR	0.1uF 16V K	C681	HU-001071236	E CAPACITOR	470uF 16V
C370	HU-001060250	C CAPACITOR	0.1uF 16V K	C682	HU-001060250	C CAPACITOR	0.1uF 16V K
C371	HU-001060250	C CAPACITOR	0.1uF 16V K	C683	HU-001071236	E CAPACITOR	470uF 16V
C372	HU-001060286	C CAPACITOR	10uF 10V	C684	HU-001060318	C CAPACITOR	0.1uF 50V
C373	HU-001060250	C CAPACITOR	0.1uF 16V K	C685	HU-001071236	E CAPACITOR	470uF 16V
C374	HU-001060286	C CAPACITOR	10uF 10V	C686	HU-001060250	C CAPACITOR	0.1uF 16V K
C375	HU-001060250	C CAPACITOR	0.1uF 16V K	C687	HU-001060286	C CAPACITOR	10uF 10V
C470	HU-001060219	C CAPACITOR	1000pF 50V K	C688	HU-001060250	C CAPACITOR	0.1uF 16V K
C471	HU-001060219	C CAPACITOR	1000pF 50V K	C724	HU-0010700002	E CAPACITOR	100uF 16V
C472	HU-001060219	C CAPACITOR	1000pF 50V K	C726	HU-001060286	C CAPACITOR	10uF 10V
C473	HU-001060219	C CAPACITOR	1000pF 50V K	C728	HU-001060312	C CAPACITOR	22uF 6.3V M
C474	HU-001060219	C CAPACITOR	1000pF 50V K	C729	HU-001060312	C CAPACITOR	22uF 6.3V M
C475	HU-001060297	C CAPACITOR	0.01pF 50V K	C730	HU-001060312	C CAPACITOR	22uF 6.3V M
C476	HU-001060297	C CAPACITOR	0.01pF 50V K	C731	HU-001060250	C CAPACITOR	0.1uF 16V K
C477	HU-001060297	C CAPACITOR	0.01pF 50V K	C732	HU-001071223	E CAPACITOR	100uF 16V
C488	HU-001060250	C CAPACITOR	0.1uF 16V K	C733	HU-001060312	C CAPACITOR	22uF 6.3V M
C489	HU-001060250	C CAPACITOR	0.1uF 16V K	C734	HU-001060297	C CAPACITOR	0.01pF 50V K
C490	HU-001060250	C CAPACITOR	0.1uF 16V K	C737	HU-001060286	C CAPACITOR	10uF 10V
C491	HU-001060250	C CAPACITOR	0.1uF 16V K	C738	HU-001060250	C CAPACITOR	0.1uF 16V K
C492	HU-001060250	C CAPACITOR	0.1uF 16V K	C743	HU-001071223	E CAPACITOR	100uF 16V
C493	HU-001060250	C CAPACITOR	0.1uF 16V K	C745	HU-001060286	C CAPACITOR	10uF 10V
C494	HU-001060250	C CAPACITOR	0.1uF 16V K	C746	HU-001060250	C CAPACITOR	0.1uF 16V K
C495	HU-001060250	C CAPACITOR	0.1uF 16V K	C747	HU-001071223	E CAPACITOR	100uF 16V
C496	HU-001060250	C CAPACITOR	0.1uF 16V K	C748	HU-001060250	C CAPACITOR	0.1uF 16V K
C497	HU-001060288	C CAPACITOR	1uF 25V	C751	HU-001060250	C CAPACITOR	0.1uF 16V K
C498	HU-001060286	C CAPACITOR	10uF 10V	C752	HU-001060286	C CAPACITOR	10uF 10V
C499	HU-001060286	C CAPACITOR	10uF 10V	C753	HU-001060250	C CAPACITOR	0.1uF 16V K
C500	HU-001060286	C CAPACITOR	10uF 10V	C754	HU-001060274	C CAPACITOR	3300pF 50V
C501	HU-001060286	C CAPACITOR	10uF 10V	C770	HU-001060250	C CAPACITOR	0.1uF 16V K
C502	HU-001060286	C CAPACITOR	10uF 10V	C772	HU-001071228	E CAPACITOR	470uF 16V
C503	HU-001060273	C CAPACITOR	24pF 50V	C773	HU-001060309	C CAPACITOR	10uF 16V K
C504	HU-001060273	C CAPACITOR	24pF 50V	C774	HU-001060250	C CAPACITOR	0.1uF 16V K
C505	HU-001063027	C CAPACITOR	2pF 50V	C775	HU-001060309	C CAPACITOR	10uF 16V K
C560	HU-001060286	C CAPACITOR	10uF 10V	C776	HU-001060105	C CAPACITOR	0.1uF 50V
C561	HU-001060236	C CAPACITOR	10uF 25V	C777	HU-001060309	C CAPACITOR	10uF 16V K
C562	HU-001060236	C CAPACITOR	10uF 25V	C778	HU-001060250	C CAPACITOR	0.1uF 16V K
C563	HU-001060250	C CAPACITOR	0.1uF 16V K	C779	HU-001060249	C CAPACITOR	100pF 50V J
C564	HU-001060236	C CAPACITOR	10uF 25V	C780	HU-001071225	E CAPACITOR	2.2uF 50V
C565	HU-001060236	C CAPACITOR	10uF 25V	C781	HU-001060171	C CAPACITOR	33pF 50V
C566	HU-001060250	C CAPACITOR	0.1uF 16V K	C782	HU-001060171	C CAPACITOR	33pF 50V
C567	HU-001060250	C CAPACITOR	0.1uF 16V K	C800	HU-001060250	C CAPACITOR	0.1uF 16V K
C580	HU-001060219	C CAPACITOR	1000pF 50V K	C801	HU-001060346	C CAPACITOR	1uF 16V K
C581	HU-001060288	C CAPACITOR	1uF 25V	C802	HU-001060286	C CAPACITOR	10uF 10V
C582	HU-001071082	E CAPACITOR	470uF 25V	C803	HU-001060250	C CAPACITOR	0.1uF 16V K
C583	HU-001060288	C CAPACITOR	1uF 25V	C804	HU-001060250	C CAPACITOR	0.1uF 16V K
C584	HU-001060288	C CAPACITOR	1uF 25V	C805	HU-001060250	C CAPACITOR	0.1uF 16V K
C585	HU-001071082	E CAPACITOR	470uF 25V	C807	HU-001060250	C CAPACITOR	0.1uF 16V K
C586	HU-001060288	C CAPACITOR	1uF 25V	C808	HU-001060250	C CAPACITOR	0.1uF 16V K
C587	HU-001060219	C CAPACITOR	1000pF 50V K	C809	HU-001063058	C CAPACITOR	18pF 50V J
C588	HU-001060199	C CAPACITOR	0.22uF 25V	C810	HU-001063058	C CAPACITOR	18pF 50V J
C589	HU-001060199	C CAPACITOR	0.22uF 25V	C840	HU-001060219	C CAPACITOR	1000pF 50V K
C590	HU-001060288	C CAPACITOR	1uF 25V	C841	HU-001060219	C CAPACITOR	1000pF 50V K
C591	HU-001060288	C CAPACITOR	1uF 25V				
C592	HU-001060224	C CAPACITOR	0.47uF 16V	R1	HU-002000453	MG RESISTOR	470Ω
C593	HU-001060288	C CAPACITOR	1uF 25V	R2	HU-002000453	MG RESISTOR	470Ω
C594	HU-001060219	C CAPACITOR	1000pF 50V K	R3	HU-002000453	MG RESISTOR	470Ω
C595	HU-001060288	C CAPACITOR	1uF 25V	R4	HU-002000453	MG RESISTOR	470Ω
C596	HU-001060199	C CAPACITOR	0.22uF 25V	R5	HU-002000557	MG RESISTOR	6.2kΩ
C597	HU-001060199	C CAPACITOR	0.22uF 25V	R6	HU-002000436	MG RESISTOR	100kΩ
C598	HU-001060199	C CAPACITOR	0.22uF 25V	R7	HU-002000417	MG RESISTOR	4.7kΩ
C599	HU-001060199	C CAPACITOR	0.22uF 25V	R61	HU-002000437	MG RESISTOR	10kΩ
C600	HU-001060224	C CAPACITOR	0.47uF 16V	R62	HU-002000437	MG RESISTOR	10kΩ
C601	HU-001060199	C CAPACITOR	0.22uF 25V	R63	HU-002000437	MG RESISTOR	10kΩ
C602	HU-001060199	C CAPACITOR	0.22uF 25V	R64	HU-002000437	MG RESISTOR	10kΩ
C603	HU-001060230	C CAPACITOR	0.022uF 16V K	R66	HU-002000448	MG RESISTOR	33Ω
C604	HU-001060297	C CAPACITOR	0.01pF 50V K	R68	HU-002000527	MG RESISTOR	100Ω
C605	HU-001060288	C CAPACITOR	1uF 25V	R70	HU-002000405	MG RESISTOR	1kΩ
C606	HU-001060230	C CAPACITOR	0.022uF 16V K	R71	HU-002000405	MG RESISTOR	1kΩ
C607	HU-001060250	C CAPACITOR	0.1uF 16V K	R72	HU-002000405	MG RESISTOR	1kΩ
C608	HU-001060288	C CAPACITOR	1uF 25V	R73	HU-002000405	MG RESISTOR	1kΩ
C610	HU-001071191	E CAPACITOR	47uF 16V	R75	HU-002000405	MG RESISTOR	1kΩ
C611	HU-001071191	E CAPACITOR	47uF 16V	R76	HU-002000405	MG RESISTOR	1kΩ
C612	HU-001060288	C CAPACITOR	1uF 25V	R77	HU-002000405	MG RESISTOR	1kΩ
C613	HU-001060288	C CAPACITOR	1uF 25V	R80	HU-002000405	MG RESISTOR	1kΩ
C615	HU-001060286	C CAPACITOR	10uF 10V	R81	HU-002000405	MG RESISTOR	1kΩ
C616	HU-001060288	C CAPACITOR	1uF 25V	R82	HU-002000405	MG RESISTOR	1kΩ
C630	HU-001060288	C CAPACITOR	1uF 25V	R84	HU-002000417	MG RESISTOR	4.7kΩ

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R85	HU-002000417	MG RESISTOR	4.7kΩ	R356	HU-002000433	MG RESISTOR	0Ω
R86	HU-002000417	MG RESISTOR	4.7kΩ	R357	HU-002000433	MG RESISTOR	0Ω
R87	HU-002000417	MG RESISTOR	4.7kΩ	R370	HU-002000405	MG RESISTOR	1kΩ
R88	HU-002000405	MG RESISTOR	1kΩ	R371	HU-002000437	MG RESISTOR	10kΩ
R89	HU-002000405	MG RESISTOR	1kΩ	R372	HU-002000437	MG RESISTOR	10kΩ
R90	HU-002000405	MG RESISTOR	1kΩ	R373	HU-002000437	MG RESISTOR	10kΩ
R91	HU-002000417	MG RESISTOR	4.7kΩ	R374	HU-002000405	MG RESISTOR	1kΩ
R92	HU-002000417	MG RESISTOR	4.7kΩ	R375	HU-002000437	MG RESISTOR	10kΩ
R95	HU-002000433	MG RESISTOR	0Ω	R376	HU-002000591	MG RESISTOR	18kΩ
R96	HU-002000436	MG RESISTOR	100kΩ	R377	HU-002000591	MG RESISTOR	18kΩ
R99	HU-002000527	MG RESISTOR	100Ω	R378	HU-002000454	MG RESISTOR	47kΩ
R100	HU-002000433	MG RESISTOR	0Ω	R379	HU-002000454	MG RESISTOR	47kΩ
R101	HU-002000433	MG RESISTOR	0Ω	R382	HU-002000454	MG RESISTOR	47kΩ
R120	HU-002000405	MG RESISTOR	1kΩ	R383	HU-002000454	MG RESISTOR	47kΩ
R141	HU-002000437	MG RESISTOR	10kΩ	R386	HU-002000527	MG RESISTOR	100Ω
R142	HU-002000433	MG RESISTOR	0Ω	R387	HU-002000527	MG RESISTOR	100Ω
R143	HU-002000437	MG RESISTOR	10kΩ	R388	HU-002000527	MG RESISTOR	100Ω
R144	HU-002000405	MG RESISTOR	1kΩ	R389	HU-002000527	MG RESISTOR	100Ω
R147	HU-002000417	MG RESISTOR	4.7kΩ	R400	HU-002000104	MG RESISTOR	22Ω
R149	HU-002000405	MG RESISTOR	1kΩ	R401	HU-002000104	MG RESISTOR	22Ω
R154	HU-002001165	MG RESISTOR	75Ω	R470	HU-002000519	MG RESISTOR	10Ω
R155	HU-002001165	MG RESISTOR	75Ω	R471	HU-002000519	MG RESISTOR	10Ω
R156	HU-002001165	MG RESISTOR	75Ω	R472	HU-002000519	MG RESISTOR	10Ω
R160	HU-002000433	MG RESISTOR	0Ω	R473	HU-002000519	MG RESISTOR	10Ω
R161	HU-002000433	MG RESISTOR	0Ω	R474	HU-002000519	MG RESISTOR	10Ω
R163	HU-002000433	MG RESISTOR	0Ω	R475	HU-002000519	MG RESISTOR	10Ω
R164	HU-002000433	MG RESISTOR	0Ω	R476	HU-002000519	MG RESISTOR	10Ω
R180	HU-002000433	MG RESISTOR	0Ω	R477	HU-002000519	MG RESISTOR	10Ω
R182	HU-002000266	MG RESISTOR	470Ω	R484	HU-002000437	MG RESISTOR	10kΩ
R184	HU-002000266	MG RESISTOR	470Ω	R485	HU-002000519	MG RESISTOR	10Ω
R186	HU-002000433	MG RESISTOR	0Ω	R486	HU-002000519	MG RESISTOR	10Ω
R187	HU-002000266	MG RESISTOR	470Ω	R487	HU-002000519	MG RESISTOR	10Ω
R189	HU-002000266	MG RESISTOR	470Ω	R489	HU-002000519	MG RESISTOR	10Ω
R200	HU-002000910	MG RESISTOR	20kΩ	R490	HU-002000519	MG RESISTOR	10Ω
R201	HU-002000421	MG RESISTOR	75Ω	R491	HU-002001106	MG RESISTOR	390Ω
R202	HU-002000421	MG RESISTOR	75Ω	R493	HU-002000519	MG RESISTOR	10Ω
R203	HU-002000421	MG RESISTOR	75Ω	R494	HU-002000519	MG RESISTOR	10Ω
R204	HU-002000421	MG RESISTOR	75Ω	R496	HU-002000519	MG RESISTOR	10Ω
R205	HU-002000421	MG RESISTOR	75Ω	R497	HU-002000433	MG RESISTOR	0Ω
R206	HU-002000421	MG RESISTOR	75Ω	R499	HU-002000527	MG RESISTOR	100Ω
R207	HU-002000421	MG RESISTOR	75Ω	R500	HU-002000448	MG RESISTOR	33Ω
R208	HU-002000421	MG RESISTOR	75Ω	R503	HU-002000448	MG RESISTOR	33Ω
R209	HU-002000910	MG RESISTOR	20kΩ	R504	HU-002000448	MG RESISTOR	33Ω
R210	HU-002000910	MG RESISTOR	20kΩ	R560	HU-002000417	MG RESISTOR	4.7kΩ
R211	HU-002000910	MG RESISTOR	20kΩ	R561	HU-002000453	MG RESISTOR	470Ω
R212	HU-002000499	MG RESISTOR	10kΩ	R562	HU-002000453	MG RESISTOR	470Ω
R213	HU-002000499	MG RESISTOR	10kΩ	R563	HU-002000433	MG RESISTOR	0Ω
R214	HU-002000499	MG RESISTOR	10kΩ	R580	HU-002001028	MG RESISTOR	12.1kΩ
R215	HU-002000499	MG RESISTOR	10kΩ	R581	HU-002001124	MG RESISTOR	47kΩ
R216	HU-002000527	MG RESISTOR	100Ω	R582	HU-002001028	MG RESISTOR	12.1kΩ
R217	HU-002000527	MG RESISTOR	100Ω	R583	HU-002001124	MG RESISTOR	47kΩ
R218	HU-002000421	MG RESISTOR	75Ω	R584	HU-002000454	MG RESISTOR	47kΩ
R219	HU-002000436	MG RESISTOR	100kΩ	R585	HU-002000443	MG RESISTOR	22Ω
R220	HU-002000421	MG RESISTOR	75Ω	R587	HU-002000433	MG RESISTOR	0Ω
R221	HU-002000527	MG RESISTOR	100Ω	R590	HU-002000443	MG RESISTOR	22Ω
R222	HU-002000527	MG RESISTOR	100Ω	R591	HU-002000436	MG RESISTOR	100kΩ
R230	HU-002000443	MG RESISTOR	22Ω	R592	HU-002000417	MG RESISTOR	4.7kΩ
R231	HU-002000421	MG RESISTOR	75Ω	R594	HU-002000433	MG RESISTOR	0Ω
R232	HU-002000421	MG RESISTOR	75Ω	R595	HU-002000417	MG RESISTOR	4.7kΩ
R233	HU-002000421	MG RESISTOR	75Ω	R597	HU-002000910	MG RESISTOR	20kΩ
R234	HU-002000421	MG RESISTOR	75Ω	R598	HU-002001041	MG RESISTOR	16kΩ
R235	HU-002000421	MG RESISTOR	75Ω	R599	HU-002000437	MG RESISTOR	10kΩ
R238	HU-002000421	MG RESISTOR	75Ω	R600	HU-002000437	MG RESISTOR	10kΩ
R240	HU-002001060	MG RESISTOR	220kΩ	R601	HU-002000910	MG RESISTOR	20kΩ
R244	HU-002001060	MG RESISTOR	220kΩ	R602	HU-002001041	MG RESISTOR	16kΩ
R245	HU-002000527	MG RESISTOR	100Ω	R603	HU-002000437	MG RESISTOR	10kΩ
R246	HU-002000527	MG RESISTOR	100Ω	R604	HU-002000454	MG RESISTOR	47kΩ
R260	HU-002000443	MG RESISTOR	22Ω	R631	HU-002000602	MG RESISTOR	2kΩ
R261	HU-002000421	MG RESISTOR	75Ω	R632	HU-002000417	MG RESISTOR	4.7kΩ
R262	HU-002000421	MG RESISTOR	75Ω	R634	HU-002000405	MG RESISTOR	1kΩ
R263	HU-002000421	MG RESISTOR	75Ω	R635	HU-002000499	MG RESISTOR	10kΩ
R264	HU-002000421	MG RESISTOR	75Ω	R637	HU-002000417	MG RESISTOR	4.7kΩ
R265	HU-002000421	MG RESISTOR	75Ω	R638	HU-002000433	MG RESISTOR	0Ω
R268	HU-002000421	MG RESISTOR	75Ω	R640	HU-002000417	MG RESISTOR	4.7kΩ
R270	HU-002001060	MG RESISTOR	220kΩ	R641	HU-002000499	MG RESISTOR	10kΩ
R274	HU-002001060	MG RESISTOR	220kΩ	R644	HU-002000433	MG RESISTOR	0Ω
R275	HU-002000527	MG RESISTOR	100Ω	R645	HU-002000417	MG RESISTOR	4.7kΩ
R276	HU-002000527	MG RESISTOR	100Ω	R646	HU-002000417	MG RESISTOR	4.7kΩ
R313	HU-002000099	MG RESISTOR	4.7Ω	R647	HU-002001123	MG RESISTOR	470kΩ
R314	HU-002000433	MG RESISTOR	0Ω	R648	HU-002000433	MG RESISTOR	0Ω
R330	HU-002000421	MG RESISTOR	75Ω	R660	HU-002000527	MG RESISTOR	100Ω
R334	HU-002000433	MG RESISTOR	0Ω	R661	HU-002000417	MG RESISTOR	4.7kΩ
R335	HU-002000433	MG RESISTOR	0Ω	R662	HU-002000527	MG RESISTOR	100Ω
R336	HU-002000433	MG RESISTOR	0Ω	R663	HU-002000417	MG RESISTOR	4.7kΩ
R338	HU-002000421	MG RESISTOR	75Ω	R664	HU-002000437	MG RESISTOR	10kΩ
R348	HU-002000421	MG RESISTOR	75Ω	R665	HU-002000417	MG RESISTOR	4.7kΩ
R351	HU-002001060	MG RESISTOR	220kΩ	R666	HU-002000437	MG RESISTOR	10kΩ
R353	HU-002001060	MG RESISTOR	220kΩ	R667	HU-002000417	MG RESISTOR	4.7kΩ
R355	HU-002000433	MG RESISTOR	0Ω	R668	HU-002000417	MG RESISTOR	4.7kΩ

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R669	HU-002000437	MG RESISTOR	10kΩ		L378	HU-011000056	INDUCTOR	1.8uH	
R680	HU-002000437	MG RESISTOR	10kΩ		L379	HU-011000056	INDUCTOR	1.8uH	
R681	HU-002000417	MG RESISTOR	4.7kΩ		L380	HU-011000056	INDUCTOR	1.8uH	
R682	HU-002000405	MG RESISTOR	1kΩ		L381	HU-011000056	INDUCTOR	1.8uH	
R685	HU-002000437	MG RESISTOR	10kΩ		L382	NQR0154-007X	FERRITE CORE		
R691	HU-002000453	MG RESISTOR	470Ω		L383	NQR0154-007X	FERRITE CORE		
R693	HU-002000470	MG RESISTOR	300Ω		L470	NQR0154-002X	FERRITE CORE		
R695	HU-002000470	MG RESISTOR	300Ω		L471	NQR0154-002X	FERRITE CORE		
R697	HU-002000437	MG RESISTOR	10kΩ		L472	NQR0154-002X	FERRITE CORE		
R710	HU-002000421	MG RESISTOR	75Ω		L473	NQR0154-002X	FERRITE CORE		
R711	HU-002000421	MG RESISTOR	75Ω		L474	NQR0154-002X	FERRITE CORE		
R712	HU-002000421	MG RESISTOR	75Ω		L475	HU-011030320	FERRITE BEADS		
R713	HU-002000421	MG RESISTOR	75Ω		L560	NQR0154-002X	FERRITE CORE		
R721	HU-002000547	MG RESISTOR	120Ω		L580	HU-011000056	INDUCTOR	1.8uH	
R722	HU-002001173	MG RESISTOR	9.1kΩ		L582	HU-011002180	INDUCTOR	15uH	
R723	HU-002001002	MG RESISTOR	56Ω		L583	HU-011002180	INDUCTOR	15uH	
R724	HU-002001064	MG RESISTOR	24kΩ		L586	HU-011002180	INDUCTOR	15uH	
R727	HU-002000547	MG RESISTOR	120Ω		L587	HU-011002180	INDUCTOR	15uH	
R728	HU-002001002	MG RESISTOR	56Ω		L589	HU-011000056	INDUCTOR	1.8uH	
R729	HU-002000436	MG RESISTOR	100kΩ		L630	HU-011030300	FERRITE BEAD		
R730	HU-002000547	MG RESISTOR	120Ω		L681	NQR0297-001X	FERRITE CORE		
R731	HU-002000529	MG RESISTOR	5.6kΩ		L682	NQR0297-001X	FERRITE CORE		
R732	HU-002001002	MG RESISTOR	56Ω		L683	NQR0297-001X	FERRITE CORE		
R770	HU-002000433	MG RESISTOR	0Ω		L684	NQR0297-001X	FERRITE CORE		
R773	HU-002000417	MG RESISTOR	4.7kΩ		L687	NQR0154-002X	FERRITE CORE		
R776	HU-002000448	MG RESISTOR	33Ω		L721	HU-0110000003	INDUCTOR	100mH	
R777	HU-002000448	MG RESISTOR	33Ω		L723	HU-011030025	FERRITE BEADS		
R779	HU-002000433	MG RESISTOR	0Ω		L724	HU-011030025	FERRITE BEADS		
R780	HU-002000421	MG RESISTOR	75Ω		L840	NQL812K-1R8X	PEAKING COIL	1.8uH K	
R781	HU-002000437	MG RESISTOR	10kΩ		L841	NQL812K-1R8X	PEAKING COIL	1.8uH K	
R784	HU-002000527	MG RESISTOR	100Ω						
R785	HU-002000435	MG RESISTOR	1.5kΩ		JP230	HU-0090400001	SCART CONNECTOR	EXT-1	
R786	HU-002000909	MG RESISTOR	33kΩ		JP260	HU-0090400001	SCART CONNECTOR	EXT-2	
R787	HU-002000499	MG RESISTOR	10kΩ		JP292	HU-009090120	OPT CONNECTOR	DIGITAL AUDIO OUT	
R789	HU-002000435	MG RESISTOR	1.5kΩ		JP330	HU-0090100001	PIN JACK	EXT-3(Pr/Pb/Y)	
R791	HU-002000433	MG RESISTOR	0Ω		JP331	HU-009130050	PIN JACK	EXT-3(AUDIO L/R)	
R792	HU-002000433	MG RESISTOR	0Ω		JP370	HU-009100750	HDMI CONNECTOR	EXT-5 HDMI	
R801	HU-002000437	MG RESISTOR	10kΩ		JP371	HU-009100750	HDMI CONNECTOR	EXT-6 HDMI	
R805	HU-002000417	MG RESISTOR	4.7kΩ		JP580	HU-009010076	HEADPHONE JACK	HEADPHONE	
R806	HU-002000417	MG RESISTOR	4.7kΩ		JP660	HU-009130030	JACK	SERVICE	
R811	HU-002000527	MG RESISTOR	100Ω		JP840	HU-009010036	S-JACK	EXT-4 S-VIDEO	
R812	HU-002000437	MG RESISTOR	10kΩ		JP841	HU-009010940	PIN JACK	EXT-4 VIDEO/AUDIO(L/R)	
R814	HU-002000527	MG RESISTOR	100Ω		PR470	HU-002070025	NET RESISTOR	100Ωx4	
R815	HU-002000592	MG RESISTOR	1.6kΩ		PR471	HU-002070025	NET RESISTOR	100Ωx4	
R816	HU-002000437	MG RESISTOR	10kΩ		PR472	HU-002070025	NET RESISTOR	100Ωx4	
R817	HU-002000592	MG RESISTOR	1.6kΩ		PR473	HU-002070025	NET RESISTOR	100Ωx4	
R820	HU-002000433	MG RESISTOR	0Ω		PR474	HU-002070025	NET RESISTOR	100Ωx4	
R821	HU-002000433	MG RESISTOR	0Ω		PR475	HU-002070025	NET RESISTOR	100Ωx4	
R822	HU-002000433	MG RESISTOR	0Ω		PR560	HU-002070039	NET RESISTOR	33Ωx4	
R827	HU-002000433	MG RESISTOR	0Ω		RN121	HU-002070044	NET RESISTOR	33Ωx2	
R840	HU-002000443	MG RESISTOR	22Ω		RN122	HU-002070044	NET RESISTOR	33Ωx2	
R841	HU-002000421	MG RESISTOR	75Ω		RN123	HU-002070044	NET RESISTOR	33Ωx2	
R842	HU-002000443	MG RESISTOR	22Ω		RN124	HU-002070044	NET RESISTOR	33Ωx2	
R843	HU-002000421	MG RESISTOR	75Ω		RN125	HU-002070044	NET RESISTOR	33Ωx2	
R844	HU-002000443	MG RESISTOR	22Ω		RV230	HU-002110004	VARISTOR	100pF 5.6V	
R845	HU-002000421	MG RESISTOR	75Ω		RV231	HU-002110004	VARISTOR	100pF 5.6V	
R846	HU-002000405	MG RESISTOR	1kΩ		RV232	HU-002110004	VARISTOR	100pF 5.6V	
R847	HU-002001060	MG RESISTOR	220kΩ		RV233	HU-002110004	VARISTOR	100pF 5.6V	
R848	HU-002000405	MG RESISTOR	1kΩ		RV234	HU-002110004	VARISTOR	100pF 5.6V	
R849	HU-002001060	MG RESISTOR	220kΩ		RV235	HU-002110008	VARISTOR		
					RV236	HU-002110008	VARISTOR		
L2	NQR0154-002X	FERRITE CORE			RV237	HU-002110008	VARISTOR		
L3	NQR0154-002X	FERRITE CORE			RV238	HU-002110008	VARISTOR		
L4	NQR0154-002X	FERRITE CORE			RV239	HU-002110008	VARISTOR		
L5	NQR0154-002X	FERRITE CORE			RV240	HU-002110004	VARISTOR	100pF 5.6V	
L6	NQR0154-002X	FERRITE CORE			RV241	HU-002110004	VARISTOR	100pF 5.6V	
L7	NQR0154-002X	FERRITE CORE			RV242	HU-002110004	VARISTOR	100pF 5.6V	
L8	NQR0154-002X	FERRITE CORE			RV243	HU-002110004	VARISTOR	100pF 5.6V	
L9	NQR0154-002X	FERRITE CORE			RV244	HU-002110004	VARISTOR	100pF 5.6V	
L10	NQR0154-002X	FERRITE CORE			RV245	HU-002110008	VARISTOR		
L11	NQR0154-002X	FERRITE CORE			RV246	HU-002110008	VARISTOR		
L12	NQR0154-002X	FERRITE CORE			RV247	HU-002110008	VARISTOR		
L13	NQR0154-002X	FERRITE CORE			RV248	HU-002110008	VARISTOR		
L14	HU-011030025	FERRITE BEADS			RV249	HU-002110008	VARISTOR		
L15	HU-011030300	FERRITE BEAD			RV330	HU-002110004	VARISTOR	100pF 5.6V	
L16	HU-011030300	FERRITE BEAD			RV331	HU-002110004	VARISTOR	100pF 5.6V	
L180	NQR0154-002X	FERRITE CORE			RV332	HU-002110008	VARISTOR		
L200	NQR0154-002X	FERRITE CORE			RV333	HU-002110008	VARISTOR		
L201	NQR0154-002X	FERRITE CORE			RV370	HU-002110008	VARISTOR		
L230	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV375	HU-002110008	VARISTOR		
L234	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV376	HU-002110008	VARISTOR		
L235	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV377	HU-002110008	VARISTOR		
L236	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV660	HU-002110008	VARISTOR		
L260	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV661	HU-002110008	VARISTOR		
L264	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV840	HU-002110004	VARISTOR	100pF 5.6V	
L265	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV841	HU-002110004	VARISTOR	100pF 5.6V	
L266	NQL812K-1R8X	PEAKING COIL	1.8uH K		RV842	HU-002110004	VARISTOR	100pF 5.6V	
L331	HU-011030006	BEAD			RV843	HU-002110008	VARISTOR		
L332	HU-011030006	BEAD			RV844	HU-002110008	VARISTOR		

△Ref No.	Part No.	Part Name	Description Local
Y60	HU-005000900	CRYSTAL	20.25MHz
Y470	HU-005000890	CRYSTAL	14.31818MHz
Y800	HU-005000940	CRYSTAL	16MHz

MPEG P.W. BOARD ASS'Y (HU-71100010)

△Ref No.	Part No.	Part Name	Description Local
U2	HU-000090170	IC	REGULATOR
U3	HU-000090090	IC	REGULATOR
U4	HU-000091100	IC	REGULATOR
U11	HU-000140583	IC	DC-DC CONV
U40	HU-000280004	IC	RESET
U42	HU-000990140	IC	VCXO 27MHz
U120	HU-000010670	IC	MPEG DECODER
U310	-----	IC	Not supply
U311	-----	IC	Not supply
U320	HU-000040950	IC	DDR SDRAM
U420	HU-000390050	IC	FPGA
U450	SN74LVC244APW-X	IC	CMOS
U451	SN74LVC244APW-X	IC	CMOS
U452	HU-000120590	IC	CMOS
U500	HU-000140450	IC	AUDIO DAC
U530	HU-000060016	IC	OP AMP
U580	HU-014040930	TUNER	
U581	HU-000300001	IC	DUAL COMPARATOR
U610	HU-014040930	TUNER	
U611	HU-000300001	IC	DUAL COMPARATOR
U640	HU-000270090	IC	DEMODULATOR
U670	HU-000270090	IC	DEMODULATOR
U700	BA50BC0WFP-X	IC	REGULATOR
U701	HU-000091100	IC	REGULATOR
U702	HU-000091100	IC	REGULATOR
U703	BA50BC0WFP-X	IC	REGULATOR
U760	HU-000660060	IC	SATA BRIDGE
Q40	HU-004000410	TRANSISTOR	
Q41	HU-004000410	TRANSISTOR	
Q42	HU-004000410	TRANSISTOR	
Q120	HU-004000410	TRANSISTOR	
Q350	HU-004000410	TRANSISTOR	
Q470	HU-004020004	FET	
Q471	HU-004000410	TRANSISTOR	
D470	HU-003010046	Z DIODE	
C3	HU-001071223	E CAPACITOR	100uF 16V
C4	HU-001060250	C CAPACITOR	0.1uF 16V K
C5	HU-001060250	C CAPACITOR	0.1uF 16V K
C6	HU-001060312	C CAPACITOR	22uF 6.3V M
C7	HU-001060312	C CAPACITOR	22uF 6.3V M
C8	HU-001071171	CAPACITOR	470uF 16V
C9	HU-001060312	C CAPACITOR	22uF 6.3V M
C11	HU-001060250	C CAPACITOR	0.1uF 16V K
C12	HU-001060250	C CAPACITOR	0.1uF 16V K
C13	HU-001060312	C CAPACITOR	22uF 6.3V M
C15	HU-001060297	C CAPACITOR	0.01pF 50V K
C16	HU-001060250	C CAPACITOR	0.1uF 16V K
C17	HU-001060274	C CAPACITOR	3300pF 50V
C19	HU-001060250	C CAPACITOR	0.1uF 16V K
C21	HU-001060250	C CAPACITOR	0.1uF 16V K
C40	HU-001060250	C CAPACITOR	0.1uF 16V K
C41	HU-001071225	E CAPACITOR	2.2uF 50V
C43	HU-001060250	C CAPACITOR	0.1uF 16V K
C46	HU-001060250	C CAPACITOR	0.1uF 16V K
C48	HU-001063048	C CAPACITOR	15pF 50V J
C49	HU-001063048	C CAPACITOR	15pF 50V J
C180	HU-001060250	C CAPACITOR	0.1uF 16V K
C181	HU-001060250	C CAPACITOR	0.1uF 16V K
C250	HU-001060250	C CAPACITOR	0.1uF 16V K
C251	HU-001060321	C CAPACITOR	10uF 10V K
C253	HU-001060250	C CAPACITOR	0.1uF 16V K
C254	HU-001060250	C CAPACITOR	0.1uF 16V K
C255	HU-001060250	C CAPACITOR	0.1uF 16V K
C256	HU-001060250	C CAPACITOR	0.1uF 16V K
C257	HU-001060250	C CAPACITOR	0.1uF 16V K
C258	HU-001060250	C CAPACITOR	0.1uF 16V K
C260	HU-001060250	C CAPACITOR	0.1uF 16V K
C261	HU-001060250	C CAPACITOR	0.1uF 16V K
C262	HU-001060250	C CAPACITOR	0.1uF 16V K
C263	HU-001060250	C CAPACITOR	0.1uF 16V K
C264	HU-001060250	C CAPACITOR	0.1uF 16V K
C265	HU-001060250	C CAPACITOR	0.1uF 16V K
C266	HU-001060250	C CAPACITOR	0.1uF 16V K
C267	HU-001060250	C CAPACITOR	0.1uF 16V K

△Ref No.	Part No.	Part Name	Description Local
C268	HU-001060250	C CAPACITOR	0.1uF 16V K
C269	HU-001060250	C CAPACITOR	0.1uF 16V K
C270	HU-001060321	C CAPACITOR	10uF 10V K
C271	HU-001060250	C CAPACITOR	0.1uF 16V K
C272	HU-001060250	C CAPACITOR	0.1uF 16V K
C276	HU-001060250	C CAPACITOR	0.1uF 16V K
C278	HU-001060250	C CAPACITOR	0.1uF 16V K
C279	HU-001060321	C CAPACITOR	10uF 10V K
C280	HU-001060250	C CAPACITOR	0.1uF 16V K
C281	HU-001060250	C CAPACITOR	0.1uF 16V K
C282	HU-001060250	C CAPACITOR	0.1uF 16V K
C283	HU-001060250	C CAPACITOR	0.1uF 16V K
C284	HU-001060250	C CAPACITOR	0.1uF 16V K
C285	HU-001060250	C CAPACITOR	0.1uF 16V K
C286	HU-001060250	C CAPACITOR	0.1uF 16V K
C287	HU-001060250	C CAPACITOR	0.1uF 16V K
C310	HU-001060250	C CAPACITOR	0.1uF 16V K
C311	HU-001060250	C CAPACITOR	0.1uF 16V K
C312	HU-001060250	C CAPACITOR	0.1uF 16V K
C313	HU-001060250	C CAPACITOR	0.1uF 16V K
C320	HU-001060321	C CAPACITOR	10uF 10V K
C321	HU-001060250	C CAPACITOR	0.1uF 16V K
C322	HU-001060297	C CAPACITOR	0.01pF 50V K
C323	HU-001071191	E CAPACITOR	47uF 16V
C324	HU-001060250	C CAPACITOR	0.1uF 16V K
C325	HU-001060250	C CAPACITOR	0.1uF 16V K
C326	HU-001060250	C CAPACITOR	0.1uF 16V K
C327	HU-001060250	C CAPACITOR	0.1uF 16V K
C328	HU-001060250	C CAPACITOR	0.1uF 16V K
C329	HU-001060250	C CAPACITOR	0.1uF 16V K
C330	HU-001060250	C CAPACITOR	0.1uF 16V K
C331	HU-001060250	C CAPACITOR	0.1uF 16V K
C350	HU-001060250	C CAPACITOR	0.1uF 16V K
C351	HU-001060321	C CAPACITOR	10uF 10V K
C420	HU-001060250	C CAPACITOR	0.1uF 16V K
C421	HU-001060250	C CAPACITOR	0.1uF 16V K
C422	HU-001060250	C CAPACITOR	0.1uF 16V K
C423	HU-001060250	C CAPACITOR	0.1uF 16V K
C424	HU-001060250	C CAPACITOR	0.1uF 16V K
C425	HU-001060250	C CAPACITOR	0.1uF 16V K
C426	HU-001060250	C CAPACITOR	0.1uF 16V K
C427	HU-001060250	C CAPACITOR	0.1uF 16V K
C428	HU-001060250	C CAPACITOR	0.1uF 16V K
C429	HU-001060250	C CAPACITOR	0.1uF 16V K
C430	HU-001060250	C CAPACITOR	0.1uF 16V K
C431	HU-001060250	C CAPACITOR	0.1uF 16V K
C432	HU-001060250	C CAPACITOR	0.1uF 16V K
C433	HU-001060250	C CAPACITOR	0.1uF 16V K
C450	HU-001060250	C CAPACITOR	0.1uF 16V K
C451	HU-001060250	C CAPACITOR	0.1uF 16V K
C452	HU-001060250	C CAPACITOR	0.1uF 16V K
C470	HU-001060250	C CAPACITOR	0.1uF 16V K
C471	HU-001060250	C CAPACITOR	0.1uF 16V K
C472	HU-001060250	C CAPACITOR	0.1uF 16V K
C473	HU-001060250	C CAPACITOR	0.1uF 16V K
C474	HU-001060282	C CAPACITOR	6.8nF 50V K
C500	HU-001060321	C CAPACITOR	10uF 10V K
C501	HU-001071192	E CAPACITOR	10uF 25V
C502	HU-001071192	E CAPACITOR	10uF 25V
C503	HU-001060250	C CAPACITOR	0.1uF 16V K
C504	HU-001071192	E CAPACITOR	10uF 25V
C505	HU-001071192	E CAPACITOR	10uF 25V
C506	HU-001060250	C CAPACITOR	0.1uF 16V K
C507	HU-001060250	C CAPACITOR	0.1uF 16V K
C530	HU-001060250	C CAPACITOR	0.1uF 16V K
C580	HU-001071224	E CAPACITOR	220uF 16V
C581	HU-001060250	C CAPACITOR	0.1uF 16V K
C582	HU-001060250	C CAPACITOR	0.1uF 16V K
C583	HU-001060250	C CAPACITOR	0.1uF 16V K
C584	HU-001060219	C CAPACITOR	1000pF 50V K
C585	HU-001060250	C CAPACITOR	0.1uF 16V K
C586	HU-001071224	E CAPACITOR	220uF 16V
C587	HU-001060250	C CAPACITOR	0.1uF 16V K
C588	HU-001060219	C CAPACITOR	1000pF 50V K
C591	HU-001071224	E CAPACITOR	220uF 16V
C592	HU-001060250	C CAPACITOR	0.1uF 16V K
C593	HU-001060219	C CAPACITOR	1000pF 50V K
C610	HU-001071224	E CAPACITOR	220uF 16V
C611	HU-001060250	C CAPACITOR	0.1uF 16V K
C612	HU-001060250	C CAPACITOR	0.1uF 16V K
C613	HU-001060250	C CAPACITOR	0.1uF 16V K
C614	HU-001060219	C CAPACITOR	1000pF 50V K
C615	HU-001060250	C CAPACITOR	0.1uF 16V K
C616	HU-001071224	E CAPACITOR	220uF 16V
C617	HU-001060250	C CAPACITOR	0.1uF 16V K
C618	HU-001060219	C CAPACITOR	1000pF 50V K
C621	HU-001071224	E CAPACITOR	220uF 16V
C622	HU-001060250	C CAPACITOR	0.1uF 16V K
C623	HU-001060219	C CAPACITOR	1000pF 50V K

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C640	HU-001060250	C CAPACITOR	0.1uF 16V K	R75	HU-002000437	MG RESISTOR	10kΩ
C641	HU-001060250	C CAPACITOR	0.1uF 16V K	R76	HU-002000437	MG RESISTOR	10kΩ
C643	HU-001060265	C CAPACITOR	1uF 16V K	R79	HU-002000437	MG RESISTOR	10kΩ
C644	HU-001060265	C CAPACITOR	1uF 16V K	R80	HU-002000437	MG RESISTOR	10kΩ
C646	HU-001060256	C CAPACITOR	270pF 50V J	R83	HU-002000437	MG RESISTOR	10kΩ
C647	HU-001060256	C CAPACITOR	270pF 50V J	R85	HU-002000437	MG RESISTOR	10kΩ
C648	HU-001060250	C CAPACITOR	0.1uF 16V K	R87	HU-002000437	MG RESISTOR	10kΩ
C649	HU-001060250	C CAPACITOR	0.1uF 16V K	R89	HU-002000437	MG RESISTOR	10kΩ
C650	HU-001060250	C CAPACITOR	0.1uF 16V K	R91	HU-002000437	MG RESISTOR	10kΩ
C651	HU-001060250	C CAPACITOR	0.1uF 16V K	R93	HU-002000437	MG RESISTOR	10kΩ
C652	HU-001060250	C CAPACITOR	0.1uF 16V K	R95	HU-002000437	MG RESISTOR	10kΩ
C653	HU-001060250	C CAPACITOR	0.1uF 16V K	R97	HU-002000437	MG RESISTOR	10kΩ
C654	HU-001060250	C CAPACITOR	0.1uF 16V K	R99	HU-002000437	MG RESISTOR	10kΩ
C655	HU-001060250	C CAPACITOR	0.1uF 16V K	R101	HU-002000437	MG RESISTOR	10kΩ
C670	HU-001060250	C CAPACITOR	0.1uF 16V K	R102	HU-002000437	MG RESISTOR	10kΩ
C671	HU-001060250	C CAPACITOR	0.1uF 16V K	R104	HU-002000437	MG RESISTOR	10kΩ
C673	HU-001060265	C CAPACITOR	1uF 16V K	R106	HU-002000437	MG RESISTOR	10kΩ
C674	HU-001060265	C CAPACITOR	1uF 16V K	R120	HU-002000448	MG RESISTOR	33Ω
C676	HU-001060256	C CAPACITOR	270pF 50V J	R121	HU-002000465	MG RESISTOR	1kΩ
C677	HU-001060256	C CAPACITOR	270pF 50V J	R122	HU-002000448	MG RESISTOR	33Ω
C678	HU-001060250	C CAPACITOR	0.1uF 16V K	R123	HU-002000465	MG RESISTOR	1kΩ
C679	HU-001060250	C CAPACITOR	0.1uF 16V K	R124	HU-002000417	MG RESISTOR	4.7kΩ
C680	HU-001060250	C CAPACITOR	0.1uF 16V K	R125	HU-002000417	MG RESISTOR	4.7kΩ
C681	HU-001060250	C CAPACITOR	0.1uF 16V K	R126	HU-002000448	MG RESISTOR	33Ω
C682	HU-001060250	C CAPACITOR	0.1uF 16V K	R127	HU-002000465	MG RESISTOR	1kΩ
C683	HU-001060250	C CAPACITOR	0.1uF 16V K	R128	HU-002000465	MG RESISTOR	1kΩ
C684	HU-001060250	C CAPACITOR	0.1uF 16V K	R129	HU-002000465	MG RESISTOR	1kΩ
C685	HU-001060250	C CAPACITOR	0.1uF 16V K	R130	HU-002000465	MG RESISTOR	1kΩ
C700	HU-001071223	E CAPACITOR	100uF 16V	R131	HU-002000448	MG RESISTOR	33Ω
C701	HU-001060321	C CAPACITOR	10uF 10V K	R132	HU-002000448	MG RESISTOR	33Ω
C702	HU-001060250	C CAPACITOR	0.1uF 16V K	R133	HU-002000448	MG RESISTOR	33Ω
C703	HU-001060250	C CAPACITOR	0.1uF 16V K	R134	HU-002000448	MG RESISTOR	33Ω
C704	HU-001060321	C CAPACITOR	10uF 10V K	R135	HU-002000448	MG RESISTOR	33Ω
C705	HU-001060321	C CAPACITOR	10uF 10V K	R136	HU-002000417	MG RESISTOR	4.7kΩ
C706	HU-001060250	C CAPACITOR	0.1uF 16V K	R137	HU-002000437	MG RESISTOR	10kΩ
C707	HU-001060250	C CAPACITOR	0.1uF 16V K	R138	HU-002000417	MG RESISTOR	4.7kΩ
C708	HU-001060250	C CAPACITOR	0.1uF 16V K	R139	HU-002000437	MG RESISTOR	10kΩ
C709	HU-001060250	C CAPACITOR	0.1uF 16V K	R140	HU-002000437	MG RESISTOR	10kΩ
C760	HU-001060250	C CAPACITOR	0.1uF 16V K	R142	HU-002000437	MG RESISTOR	10kΩ
C801	HU-001060250	C CAPACITOR	0.1uF 16V K	R146	HU-002000433	MG RESISTOR	0Ω
C802	HU-001060250	C CAPACITOR	0.1uF 16V K	R149	HU-002000448	MG RESISTOR	33Ω
C803	HU-001060321	C CAPACITOR	10uF 10V K	R150	HU-002000448	MG RESISTOR	33Ω
C804	HU-001060250	C CAPACITOR	0.1uF 16V K	R152	HU-002000407	MG RESISTOR	2.2kΩ
C805	HU-001060250	C CAPACITOR	0.1uF 16V K	R153	HU-002000407	MG RESISTOR	2.2kΩ
C806	HU-001060250	C CAPACITOR	0.1uF 16V K	R154	HU-002000407	MG RESISTOR	2.2kΩ
C807	HU-001063068	C CAPACITOR	90pF 50V	R155	HU-002000407	MG RESISTOR	2.2kΩ
C808	HU-001063068	C CAPACITOR	90pF 50V	R156	HU-002000448	MG RESISTOR	33Ω
C810	HU-001060321	C CAPACITOR	10uF 10V K	R157	HU-002000448	MG RESISTOR	33Ω
C811	HU-001060250	C CAPACITOR	0.1uF 16V K	R159	HU-002000433	MG RESISTOR	0Ω
C812	HU-001060250	C CAPACITOR	0.1uF 16V K	R180	HU-002000437	MG RESISTOR	10kΩ
C814	HU-001060297	C CAPACITOR	0.01pF 50V K	R181	HU-002001149	MG RESISTOR	620Ω
C815	HU-001060297	C CAPACITOR	0.01pF 50V K	R182	HU-002001149	MG RESISTOR	620Ω
C816	HU-001060297	C CAPACITOR	0.01pF 50V K	R183	HU-002000442	MG RESISTOR	220Ω
C817	HU-001060297	C CAPACITOR	0.01pF 50V K	R184	HU-002001038	MG RESISTOR	150Ω
C850	HU-001060250	C CAPACITOR	0.1uF 16V K	R185	HU-002000437	MG RESISTOR	10kΩ
C852	HU-001060250	C CAPACITOR	0.1uF 16V K	R186	HU-002000437	MG RESISTOR	10kΩ
C854	HU-001060250	C CAPACITOR	0.1uF 16V K	R187	HU-002000437	MG RESISTOR	10kΩ
				R188	HU-002000437	MG RESISTOR	10kΩ
R2	HU-002001042	MG RESISTOR	180Ω	R189	HU-002000520	MG RESISTOR	47Ω
R3	HU-0020000003	MG RESISTOR	36Ω	R191	HU-002000437	MG RESISTOR	10kΩ
R4	HU-002001042	MG RESISTOR	180Ω	R210	HU-002000417	MG RESISTOR	4.7kΩ
R5	HU-002000566	MG RESISTOR	174Ω	R211	HU-002000437	MG RESISTOR	10kΩ
R7	HU-002000547	MG RESISTOR	120Ω	R212	HU-002000437	MG RESISTOR	10kΩ
R8	HU-002000436	MG RESISTOR	100kΩ	R215	HU-002000437	MG RESISTOR	10kΩ
R9	HU-002001002	MG RESISTOR	56Ω	R216	HU-002000437	MG RESISTOR	10kΩ
R10	HU-002000529	MG RESISTOR	5.6kΩ	R217	HU-002000437	MG RESISTOR	10kΩ
R11	HU-002001173	MG RESISTOR	9.1kΩ	R218	HU-002000437	MG RESISTOR	10kΩ
R12	HU-002001064	MG RESISTOR	24kΩ	R219	HU-002000403	MG RESISTOR	15kΩ
R40	HU-002000436	MG RESISTOR	100kΩ	R222	HU-002000437	MG RESISTOR	10kΩ
R41	HU-002000433	MG RESISTOR	0Ω	R223	HU-002000403	MG RESISTOR	15kΩ
R42	HU-002000417	MG RESISTOR	4.7kΩ	R224	HU-002000437	MG RESISTOR	10kΩ
R43	HU-002000417	MG RESISTOR	4.7kΩ	R225	HU-002000437	MG RESISTOR	10kΩ
R44	HU-002000519	MG RESISTOR	10Ω	R226	HU-002000437	MG RESISTOR	10kΩ
R45	HU-002000454	MG RESISTOR	47kΩ	R229	HU-002000437	MG RESISTOR	10kΩ
R46	HU-002000520	MG RESISTOR	47Ω	R231	HU-002000433	MG RESISTOR	0Ω
R47	HU-002000436	MG RESISTOR	100kΩ	R232	HU-002000437	MG RESISTOR	10kΩ
R48	HU-002000437	MG RESISTOR	10kΩ	R233	HU-002000417	MG RESISTOR	4.7kΩ
R49	HU-002000433	MG RESISTOR	0Ω	R234	HU-002000437	MG RESISTOR	10kΩ
R50	HU-002000437	MG RESISTOR	10kΩ	R235	HU-002000433	MG RESISTOR	0Ω
R52	HU-002000437	MG RESISTOR	10kΩ	R236	HU-002000433	MG RESISTOR	0Ω
R53	HU-002000520	MG RESISTOR	47Ω	R237	HU-002000437	MG RESISTOR	10kΩ
R54	HU-002000437	MG RESISTOR	10kΩ	R238	HU-002000437	MG RESISTOR	10kΩ
R60	HU-002000437	MG RESISTOR	10kΩ	R239	HU-002000403	MG RESISTOR	15kΩ
R63	HU-002000437	MG RESISTOR	10kΩ	R240	HU-002000403	MG RESISTOR	15kΩ
R65	HU-002000437	MG RESISTOR	10kΩ	R241	HU-002000417	MG RESISTOR	4.7kΩ
R67	HU-002000437	MG RESISTOR	10kΩ	R242	HU-002000433	MG RESISTOR	0Ω
R69	HU-002000437	MG RESISTOR	10kΩ	R243	HU-002000433	MG RESISTOR	0Ω
R70	HU-002000437	MG RESISTOR	10kΩ	R244	HU-002000437	MG RESISTOR	10kΩ
R73	HU-002000437	MG RESISTOR	10kΩ	R245	HU-002000520	MG RESISTOR	47Ω

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R246	HU-002000433	MG RESISTOR	0Ω	R760	HU-002000437	MG RESISTOR	10kΩ
R312	HU-002000437	MG RESISTOR	10kΩ	R811	HU-002000437	MG RESISTOR	10kΩ
R320	HU-002000465	MG RESISTOR	1kΩ	R813	HU-002000437	MG RESISTOR	10kΩ
R321	HU-002000465	MG RESISTOR	1kΩ	R814	HU-002000465	MG RESISTOR	1kΩ
R350	HU-002000407	MG RESISTOR	2.2KΩ	R815	HU-002001020	MG RESISTOR	10MΩ
R351	HU-002000407	MG RESISTOR	2.2KΩ	R820	HU-002000433	MG RESISTOR	0Ω
R424	HU-002000520	MG RESISTOR	47Ω	R850	HU-002000433	MG RESISTOR	0Ω
R425	HU-002000520	MG RESISTOR	47Ω	R851	HU-002000433	MG RESISTOR	0Ω
R426	HU-002000520	MG RESISTOR	47Ω	R852	HU-002000433	MG RESISTOR	0Ω
R427	HU-002000520	MG RESISTOR	47Ω	R853	HU-002000433	MG RESISTOR	0Ω
R428	HU-002000520	MG RESISTOR	47Ω	R855	HU-002001165	MG RESISTOR	75Ω
R429	HU-002000520	MG RESISTOR	47Ω	R856	HU-002001165	MG RESISTOR	75Ω
R430	HU-002000520	MG RESISTOR	47Ω	R857	HU-002001165	MG RESISTOR	75Ω
R431	HU-002000520	MG RESISTOR	47Ω	R858	HU-002001165	MG RESISTOR	75Ω
R432	HU-002000433	MG RESISTOR	0Ω	R859	HU-002000433	MG RESISTOR	0Ω
R433	HU-002000433	MG RESISTOR	0Ω	R860	HU-002000433	MG RESISTOR	0Ω
R434	HU-002000433	MG RESISTOR	0Ω				
R435	HU-002000433	MG RESISTOR	0Ω	L2	HU-0110000003	INDUCTOR	100mH
R436	HU-002000433	MG RESISTOR	0Ω	L180	NQR0154-002X	FERRITE CORE	
R437	HU-002000417	MG RESISTOR	4.7kΩ	L210	NQR0154-007X	FERRITE CORE	
R438	HU-002000417	MG RESISTOR	4.7kΩ	L250	NQR0154-002X	FERRITE CORE	
R439	HU-002000433	MG RESISTOR	0Ω	L251	NQR0154-002X	FERRITE CORE	
R440	HU-002000433	MG RESISTOR	0Ω	L252	NQR0154-002X	FERRITE CORE	
R441	HU-002000433	MG RESISTOR	0Ω	L253	NQR0154-002X	FERRITE CORE	
R442	HU-002000520	MG RESISTOR	47Ω	L254	NQR0154-002X	FERRITE CORE	
R443	HU-002000520	MG RESISTOR	47Ω	L255	NQR0154-002X	FERRITE CORE	
R444	HU-002000520	MG RESISTOR	47Ω	L256	NQR0154-002X	FERRITE CORE	
R445	HU-002000520	MG RESISTOR	47Ω	L500	NQR0154-002X	FERRITE CORE	
R446	HU-002000520	MG RESISTOR	47Ω	L530	NQR0154-002X	FERRITE CORE	
R447	HU-002000520	MG RESISTOR	47Ω	L581	NQR0154-002X	FERRITE CORE	
R455	HU-002000437	MG RESISTOR	10kΩ	L582	NQR0154-002X	FERRITE CORE	
R456	HU-002000437	MG RESISTOR	10kΩ	L583	NQR0154-002X	FERRITE CORE	
R457	HU-002000437	MG RESISTOR	10kΩ	L611	NQR0154-002X	FERRITE CORE	
R458	HU-002000437	MG RESISTOR	10kΩ	L612	NQR0154-002X	FERRITE CORE	
R459	HU-002000433	MG RESISTOR	0Ω	L613	NQR0154-002X	FERRITE CORE	
R460	HU-002000433	MG RESISTOR	0Ω	L640	NQR0154-007X	FERRITE CORE	
R461	HU-002000433	MG RESISTOR	0Ω	L641	NQR0154-007X	FERRITE CORE	
R462	HU-002000433	MG RESISTOR	0Ω	L642	NQR0154-007X	FERRITE CORE	
R470	HU-002000465	MG RESISTOR	1kΩ	L643	NQR0154-007X	FERRITE CORE	
R476	HU-002000437	MG RESISTOR	10kΩ	L644	NQR0154-007X	FERRITE CORE	
R479	HU-002000124	MG RESISTOR	240Ω	L670	NQR0154-007X	FERRITE CORE	
R480	HU-002000417	MG RESISTOR	4.7kΩ	L671	NQR0154-007X	FERRITE CORE	
R481	HU-002000417	MG RESISTOR	4.7kΩ	L672	NQR0154-007X	FERRITE CORE	
R482	HU-002000437	MG RESISTOR	10kΩ	L673	NQR0154-007X	FERRITE CORE	
R483	HU-002000417	MG RESISTOR	4.7kΩ	L674	NQR0154-007X	FERRITE CORE	
R486	HU-002000124	MG RESISTOR	240Ω	L760	NQR0154-002X	FERRITE CORE	
R500	HU-002000417	MG RESISTOR	4.7kΩ	L801	NQR0154-002X	FERRITE CORE	
R501	HU-002000453	MG RESISTOR	470Ω	L850	NQR0154-002X	FERRITE CORE	
R502	HU-002000453	MG RESISTOR	470Ω	L851	NQR0154-002X	FERRITE CORE	
R503	HU-002000433	MG RESISTOR	0Ω	L852	HU-011030025	FERRITE BEADS	
R530	HU-002001007	MG RESISTOR	1.8kΩ	L854	HU-011030025	FERRITE BEADS	
R531	HU-002001007	MG RESISTOR	1.8kΩ				
R532	HU-002001007	MG RESISTOR	1.8kΩ	JP470	HU-0090300004	PCMCIA CONNECTOR	CI SLOT
R534	HU-002001007	MG RESISTOR	1.8kΩ	PR120	HU-002070039	NET RESISTOR	33Ωx4
R535	HU-002001007	MG RESISTOR	1.8kΩ	PR121	HU-002070039	NET RESISTOR	33Ωx4
R536	HU-002001007	MG RESISTOR	1.8kΩ	PR122	HU-002070039	NET RESISTOR	33Ωx4
R538	HU-002001007	MG RESISTOR	1.8kΩ	PR123	HU-002070039	NET RESISTOR	33Ωx4
R539	HU-002001007	MG RESISTOR	1.8kΩ	PR124	HU-002070039	NET RESISTOR	33Ωx4
R542	HU-002000599	MG RESISTOR	200Ω	PR125	HU-002070039	NET RESISTOR	33Ωx4
R543	HU-002000599	MG RESISTOR	200Ω	PR126	HU-002070039	NET RESISTOR	33Ωx4
R544	HU-002000599	MG RESISTOR	200Ω	PR127	HU-002070039	NET RESISTOR	33Ωx4
R545	HU-002000599	MG RESISTOR	200Ω	PR128	HU-002070039	NET RESISTOR	33Ωx4
R581	HU-002000436	MG RESISTOR	100kΩ	PR180	HU-002070050	NET RESISTOR	47Ωx4
R583	HU-002000417	MG RESISTOR	4.7kΩ	PR182	HU-002070050	NET RESISTOR	47Ωx4
R584	HU-002000436	MG RESISTOR	100kΩ	PR210	HU-002070050	NET RESISTOR	47Ωx4
R586	HU-002000417	MG RESISTOR	4.7kΩ	PR211	HU-002070049	NET RESISTOR	10kΩx4
R611	HU-002000436	MG RESISTOR	100kΩ	PR212	HU-002070049	NET RESISTOR	10kΩx4
R613	HU-002000417	MG RESISTOR	4.7kΩ	PR213	HU-002070049	NET RESISTOR	10kΩx4
R614	HU-002000436	MG RESISTOR	100kΩ	PR214	HU-002070049	NET RESISTOR	10kΩx4
R641	HU-002000454	MG RESISTOR	47kΩ	PR215	HU-002070049	NET RESISTOR	10kΩx4
R642	HU-002000465	MG RESISTOR	1kΩ	PR218	HU-002070049	NET RESISTOR	10kΩx4
R644	HU-002000437	MG RESISTOR	10kΩ	PR420	HU-002070050	NET RESISTOR	47Ωx4
R647	HU-002001050	MG RESISTOR	2.7kΩ	PR421	HU-002070050	NET RESISTOR	47Ωx4
R648	HU-002001050	MG RESISTOR	2.7kΩ	PR422	HU-002070050	NET RESISTOR	47Ωx4
R671	HU-002000454	MG RESISTOR	47kΩ	PR423	HU-002070050	NET RESISTOR	47Ωx4
R672	HU-002000465	MG RESISTOR	1kΩ	PR424	HU-002070040	NET RESISTOR	0Ωx4
R675	HU-002000433	MG RESISTOR	0Ω	PR425	HU-002070040	NET RESISTOR	0Ωx4
R677	HU-002001050	MG RESISTOR	2.7kΩ	PR426	HU-002070050	NET RESISTOR	47Ωx4
R678	HU-002001050	MG RESISTOR	2.7kΩ	PR427	HU-002070050	NET RESISTOR	47Ωx4
R700	HU-002000547	MG RESISTOR	120Ω	PR428	HU-002070049	NET RESISTOR	10kΩx4
R701	HU-002000599	MG RESISTOR	200Ω	PR429	HU-002070050	NET RESISTOR	47Ωx4
R731	HU-002000417	MG RESISTOR	4.7kΩ	PR430	HU-002070050	NET RESISTOR	47Ωx4
R732	HU-002000448	MG RESISTOR	33Ω	PR470	HU-002070049	NET RESISTOR	10kΩx4
R733	HU-002000448	MG RESISTOR	33Ω	PR471	HU-002070042	NET RESISTOR	220Ωx4
R734	HU-002000448	MG RESISTOR	33Ω	PR500	HU-002070039	NET RESISTOR	33Ωx4
R735	HU-002000448	MG RESISTOR	33Ω	PR730	HU-002070039	NET RESISTOR	33Ωx4
R736	HU-002000407	MG RESISTOR	2.2kΩ	PR731	HU-002070039	NET RESISTOR	33Ωx4
R737	HU-002000529	MG RESISTOR	5.6kΩ	PR732	HU-002070039	NET RESISTOR	33Ωx4
R738	HU-002000513	MG RESISTOR	6.2kΩ	PR733	HU-002070039	NET RESISTOR	33Ωx4

△Ref No.	Part No.	Part Name	Description	Local
PR734	HU-002070039	NET RESISTOR	33Ωx4	
PR735	HU-002070039	NET RESISTOR	33Ωx4	
Y40	HU-005001260	CRYSTAL	27MHz	
Y640	HU-005000940	CRYSTAL	16MHz	
Y670	HU-005000940	CRYSTAL	16MHz	
Y760	HU-005001050	CRYSTAL	25MHz	

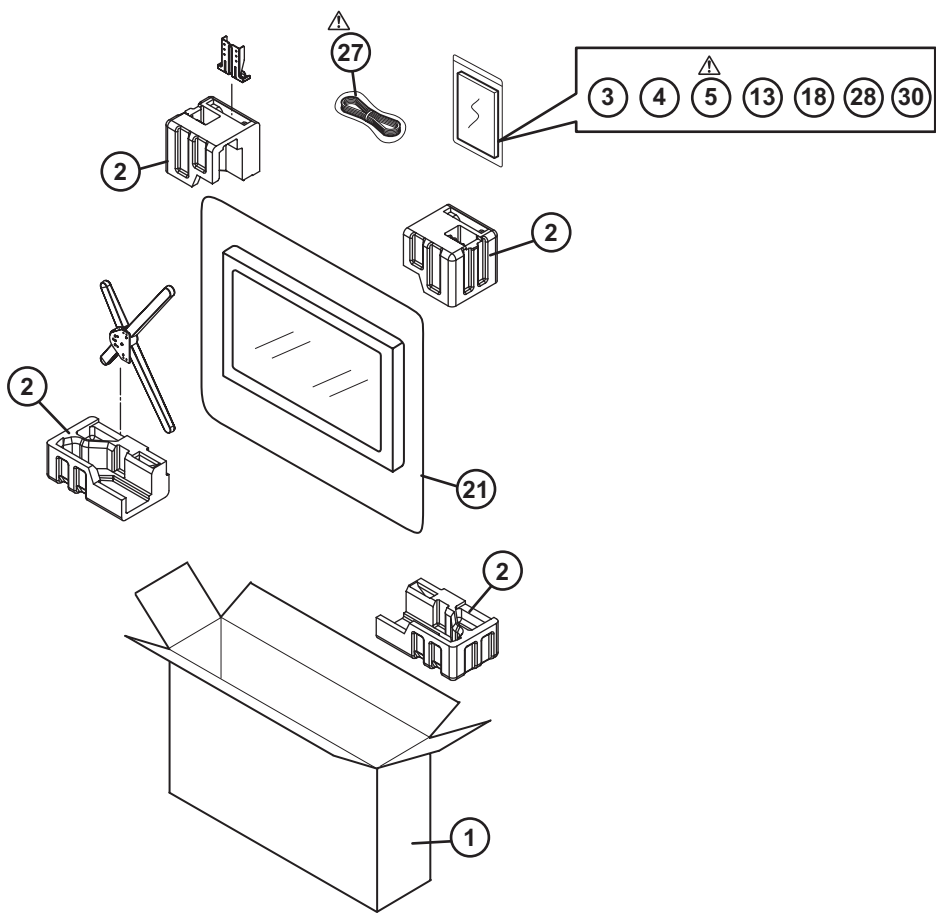
IR P.W. BOARD ASS'Y (HU-72200001)

△Ref No.	Part No.	Part Name	Description	Local
U1	HU-006050110	REMOCON SENSOR		
D1	HU-006020000	LED		
C1	HU-001060288	C CAPACITOR	1uF 25V	
C2	HU-001060288	C CAPACITOR	1uF 25V	
C3	HU-0010900002	TA CAPACITOR	220uF 10V	
R2	HU-002000390	MG RESISTOR	20Ω	
RV1	HU-002110004	VARISTOR	100pF 5.6V	
RV2	HU-002110004	VARISTOR	100pF 5.6V	

KEY P.W. BOARD ASS'Y (HU-72200002)

△Ref No.	Part No.	Part Name	Description	Local
R5	HU-002000500	MG RESISTOR	27Ω	
R6	HU-002000500	MG RESISTOR	27Ω	
R7	HU-002000453	MG RESISTOR	470Ω	
R8	HU-002000453	MG RESISTOR	470Ω	
R9	HU-002000405	MG RESISTOR	1kΩ	
R11	HU-002001050	MG RESISTOR	2.7kΩ	
R12	HU-002000405	MG RESISTOR	1kΩ	
R13	HU-002001050	MG RESISTOR	2.7kΩ	
RV3	HU-002110004	VARISTOR	100pF 5.6V	
RV4	HU-002110004	VARISTOR	100pF 5.6V	
S1	HU-008020050	TACT SW	TV/AV	
S2	HU-008020050	TACT SW	PROGRAM+	
S3	HU-008020050	TACT SW	MENU/OK	
S4	HU-008020050	TACT SW	PROGRAM-	
S5	HU-008020050	TACT SW	VOL-	
S6	HU-008020050	TACT SW	POWER ON/OFF	
S7	HU-008020050	TACT SW	VOL+	

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	-----	CARTON BOX	Not supply	
	2	-----	CUSHION	Not supply	
	3	HU-0320200008	REMOTE CONTROL UNIT	RM-C2111B	
	4	-----	BATTERY	AA/R6(x2)	
⚠	5	HU-2000000128	INST BOOK	English	LT-26DE1BJAX
⚠	5	HU-2000000129	INST BOOK	Portuguese/German/Spanish/Italian/Greek/Dutch/Czech/French	LT-26DE1BUAX
	13	-----	WARRANTY CARD	HU-2030000021	LT-26DE1BJAX
	13	-----	WARRANTY CARD	HU-2030000014PT	LT-26DE1BUAX
	18	HU-2000700098	CAUTION SHEET		LT-26DE1BJAX
	21	-----	POLY BAG	Not supply	
⚠	27	HU-0130000045	POWER CORD		LT-26DE1BJAX
⚠	27	HU-0130000030	POWER CORD		LT-26DE1BUAX
	28	HU-2001100006	SHEET		LT-26DE1BJAX
	30	HU-M1010400817	SCREW	M4x8 for STAND(x4)	

JVC

SCHEMATIC DIAGRAMS

INTEGRATED DIGITAL TERRESTRIAL LCD TELEVISION

LT-26DE1BJ/AX, LT-26DE1BU/AX

DVD-ROM No.SML2009Q1



DVB[®]
Digital Video
Broadcasting
HD
ready
HDMI[™]
HIGH-DEFINITION MULTIMEDIA INTERFACE
HDD PVR

LT-26DE1BJ/AX, LT-26DE1BU/AX

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the \triangle symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

● Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply



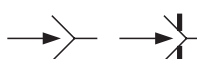
-  : B1  : B2 (12V)
-  : 9V  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

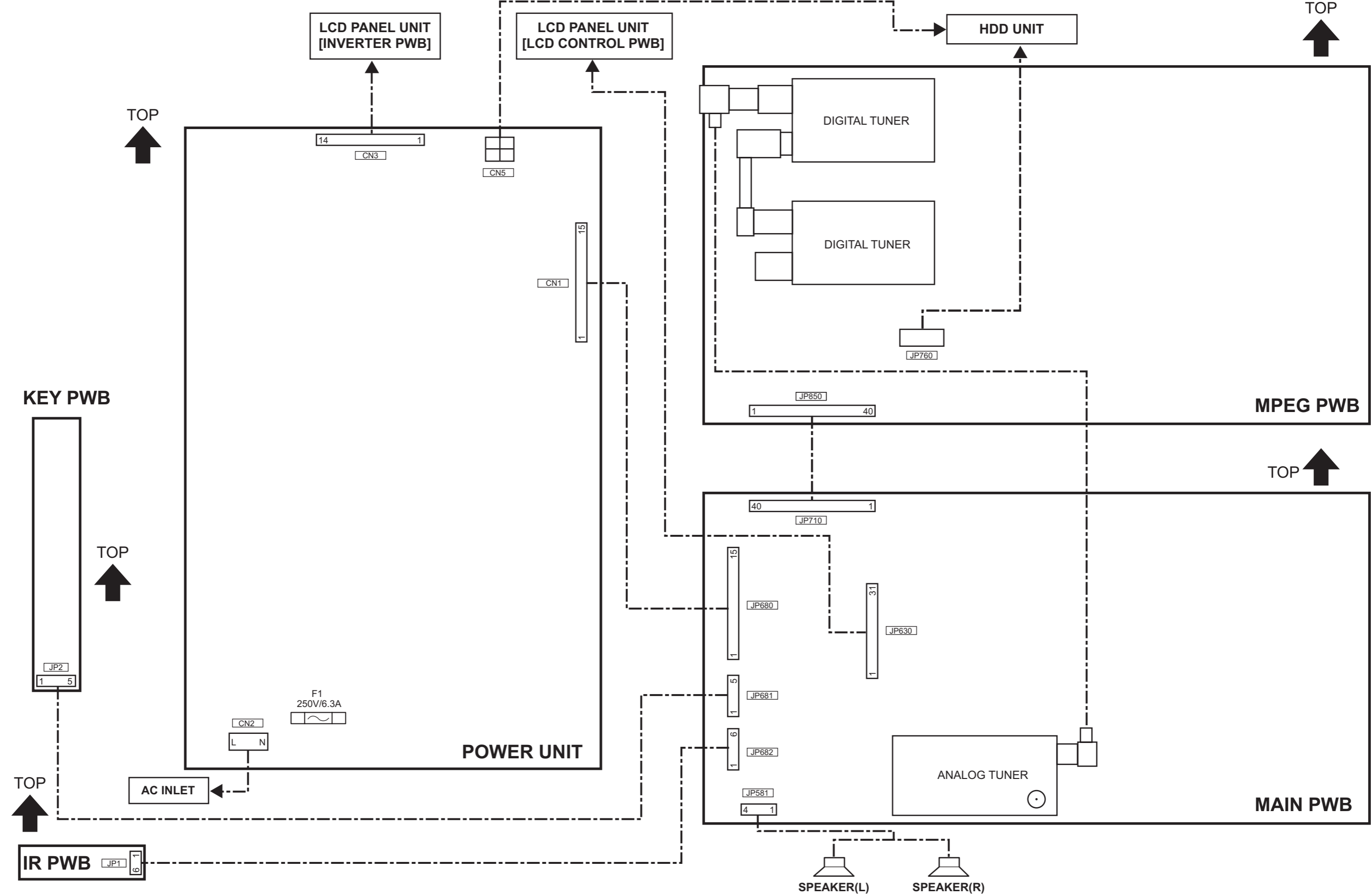
◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

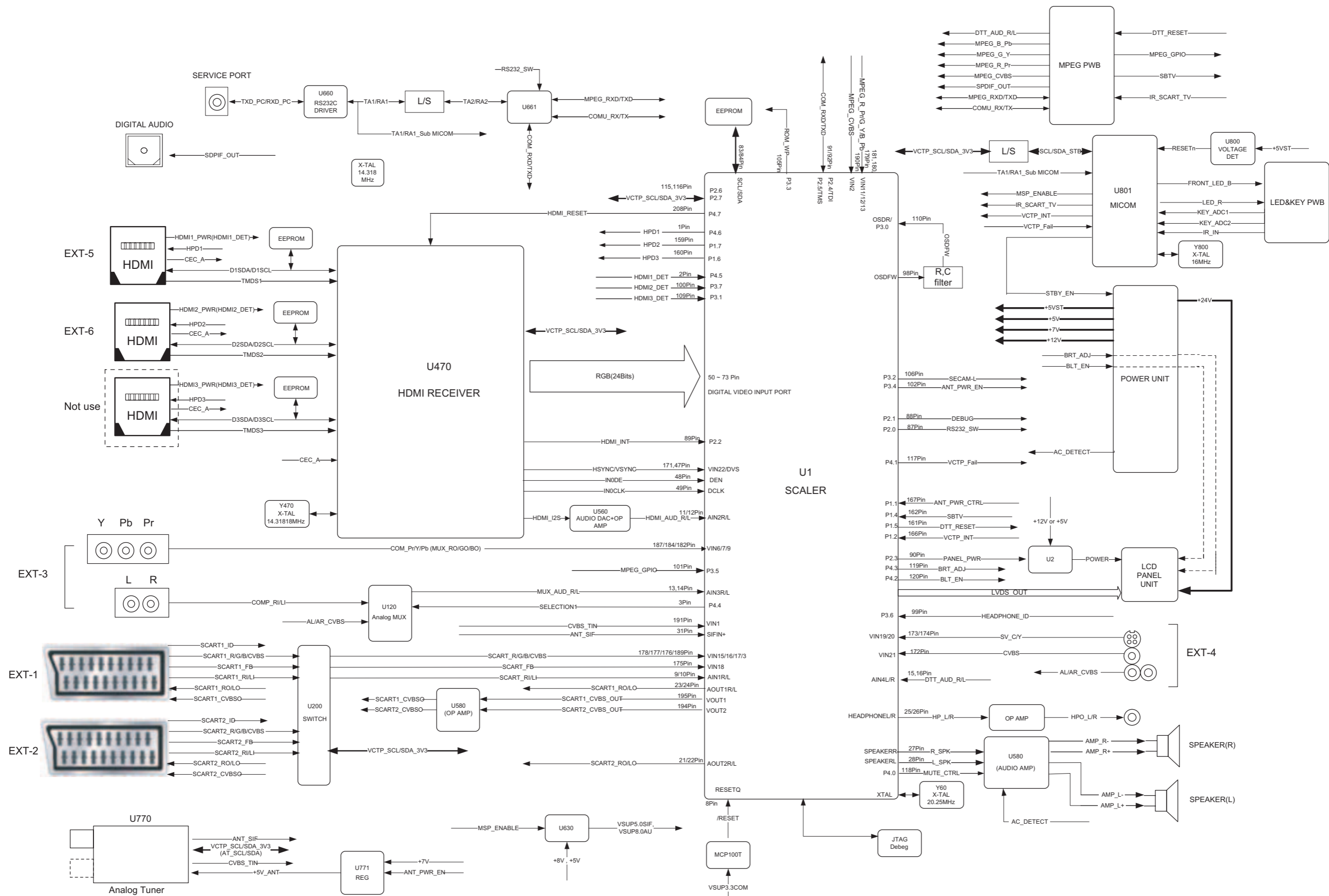
◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

WIRING DIAGRAM



BLOCK DIAGRAM



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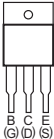
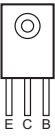

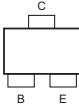
 KEY PWB PATTERN 2-107

USING P.W. BOARD


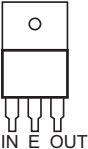
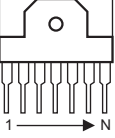
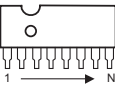
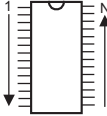
P.W.B ASS' Y name	LT-26DE1BJ/AX	LT-26DE1BU/AX
MAIN P.W. BOARD	HU-71100007	←
MPEG P.W. BOARD	HU-71100010	←
IR P.W. BOARD	HU-72200001	←
KEY P.W. BOARD	HU-72200002	←

SEMICONDUCTOR SHAPES

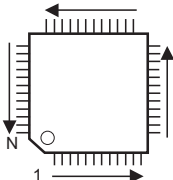
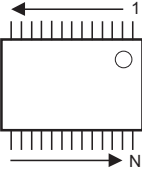
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

IC

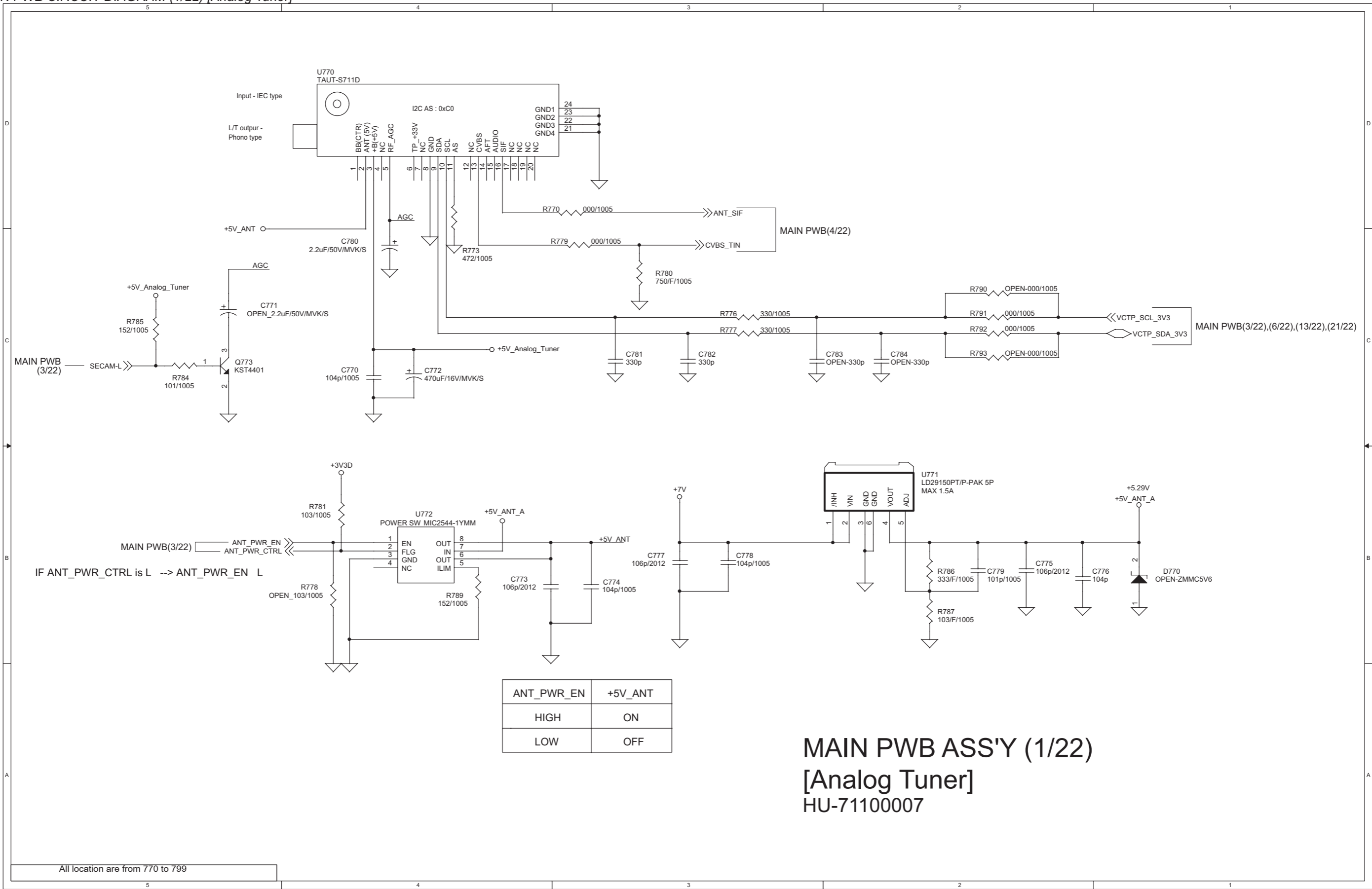
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

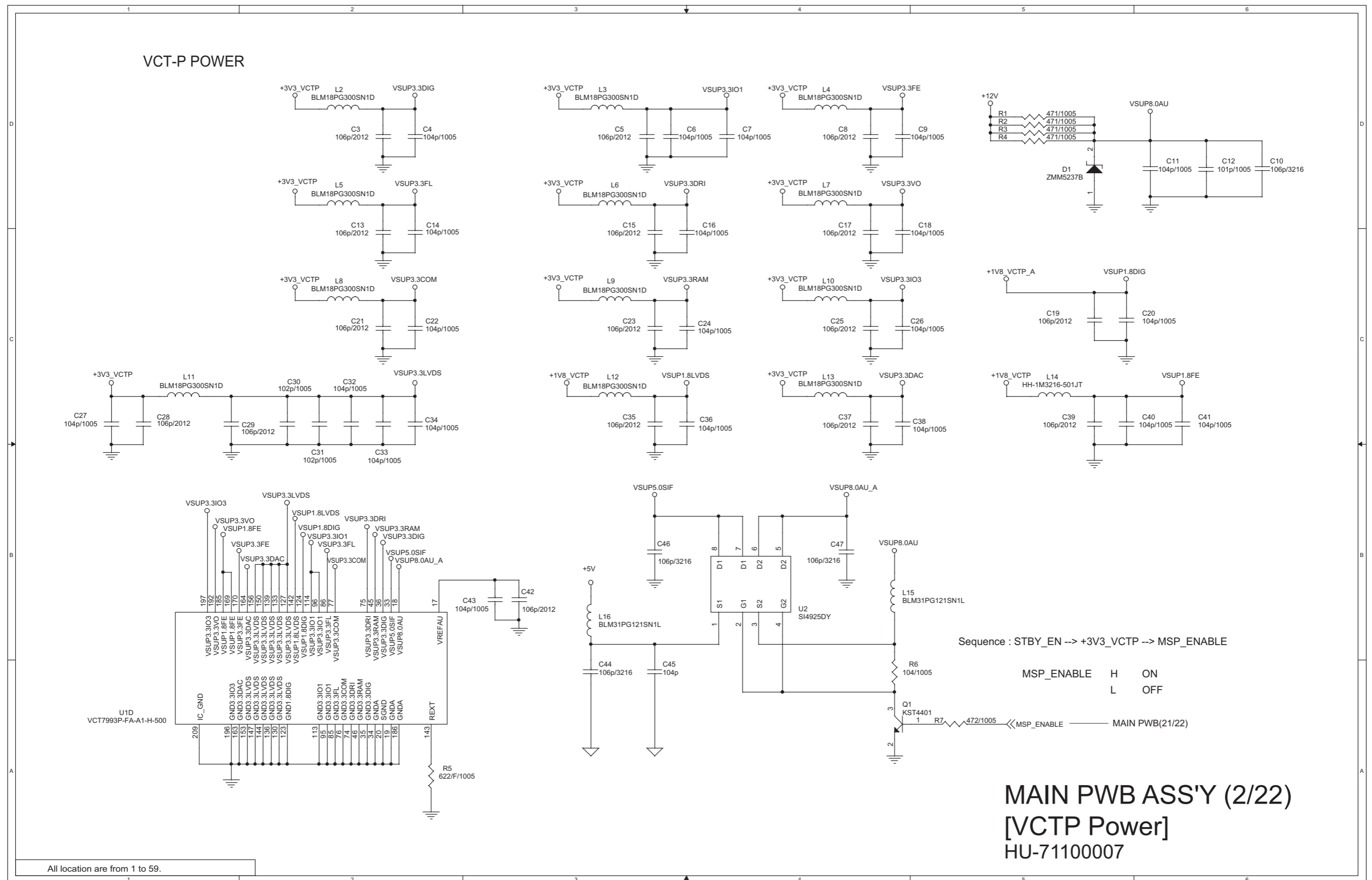
CHIP IC

TOP VIEW		
		

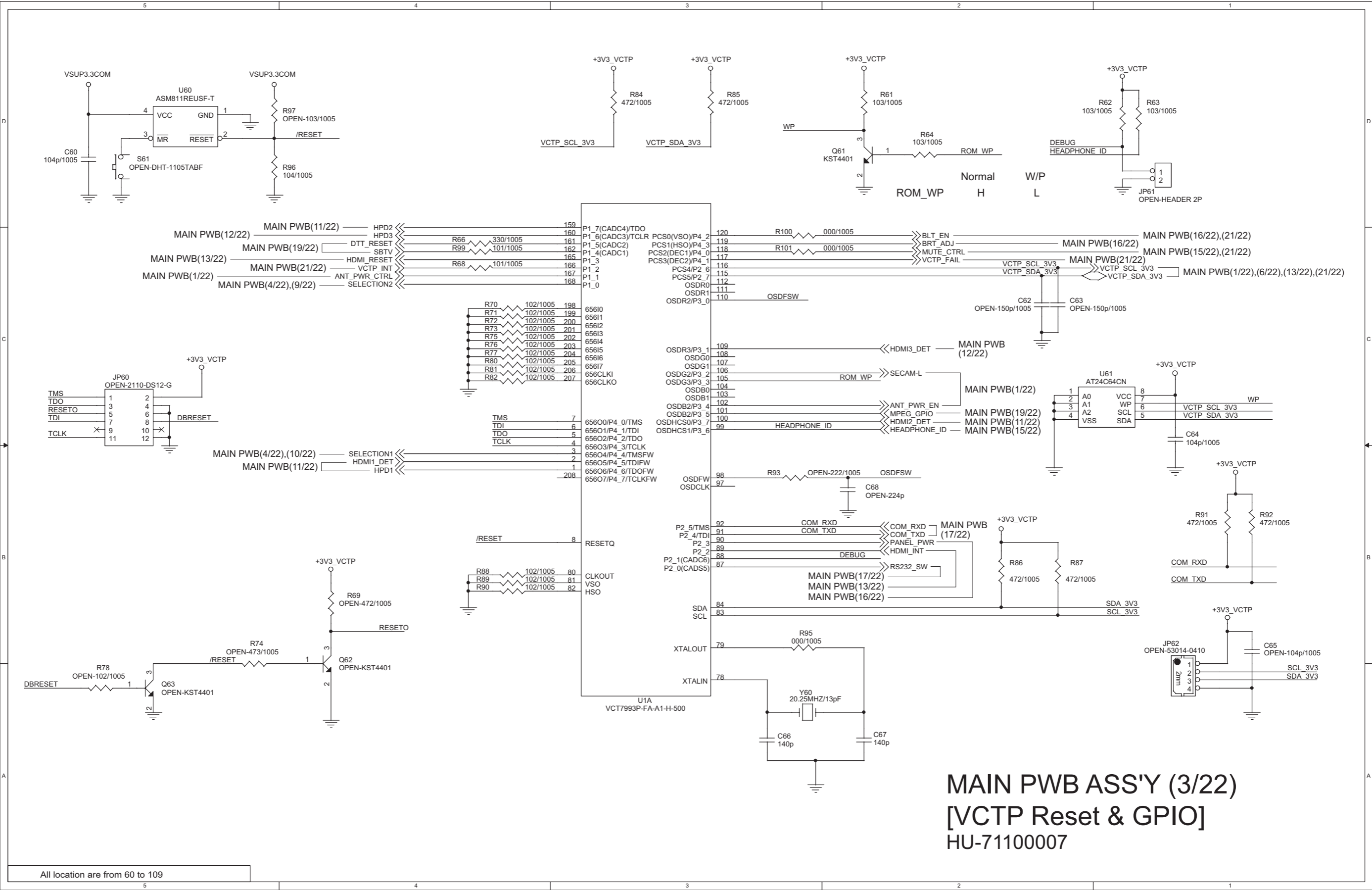
CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/22) [Analog Tuner]





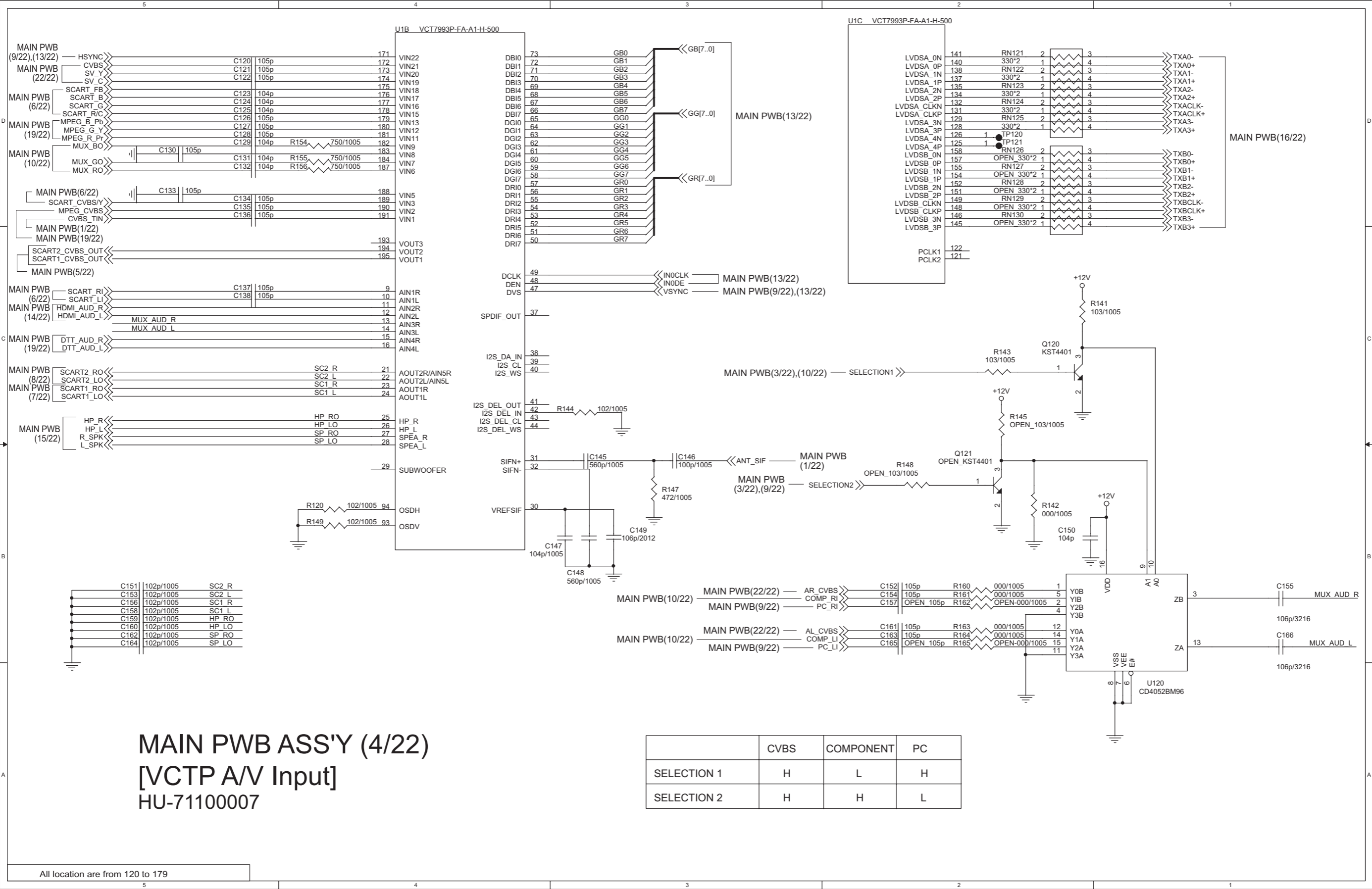
MAIN PWB CIRCUIT DIAGRAM (3/22) [VCTP Reset & GPIO]

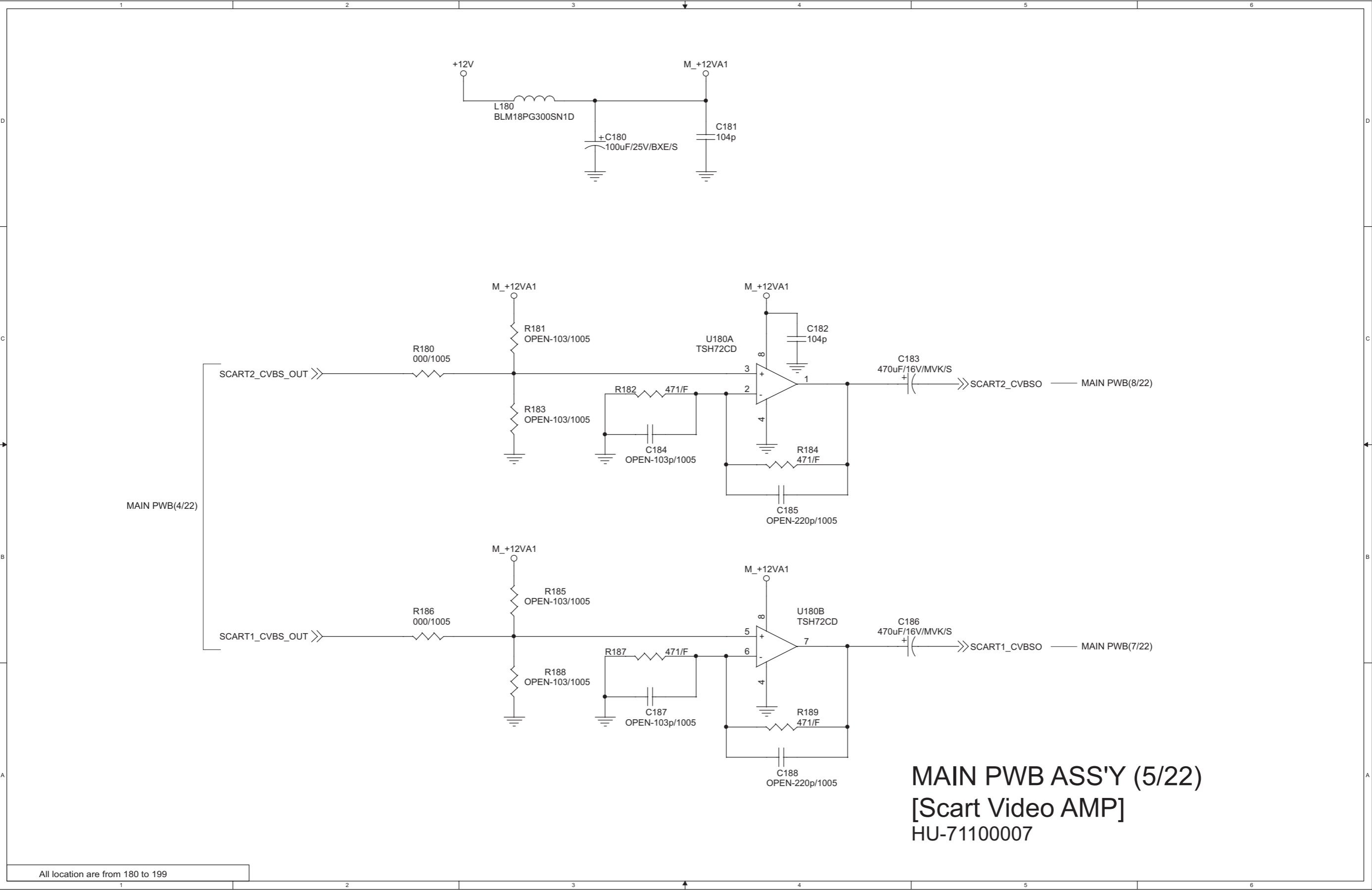


MAIN PWB ASS'Y (3/22)
[VCTP Reset & GPIO]
HU-71100007

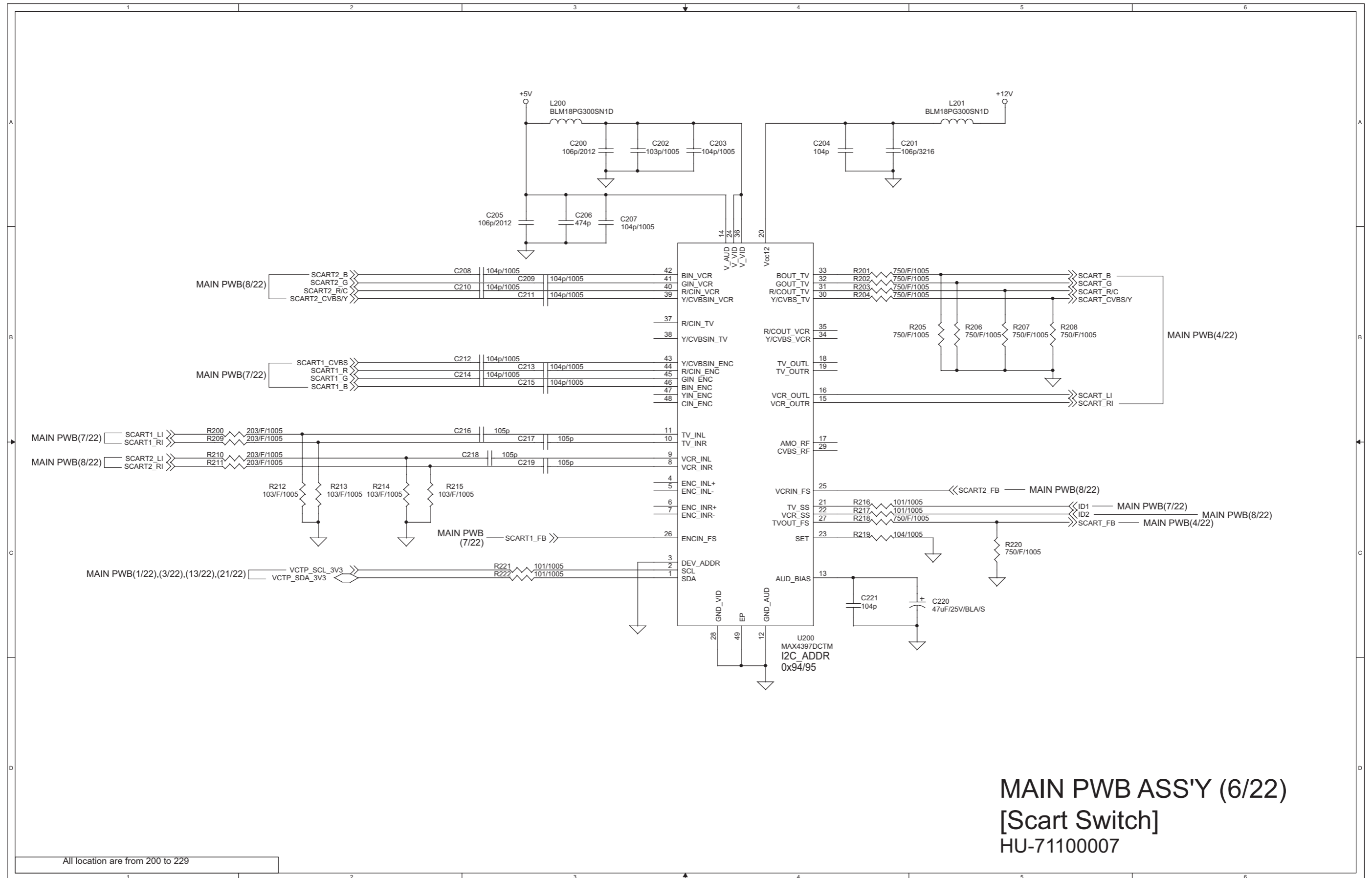
All location are from 60 to 109

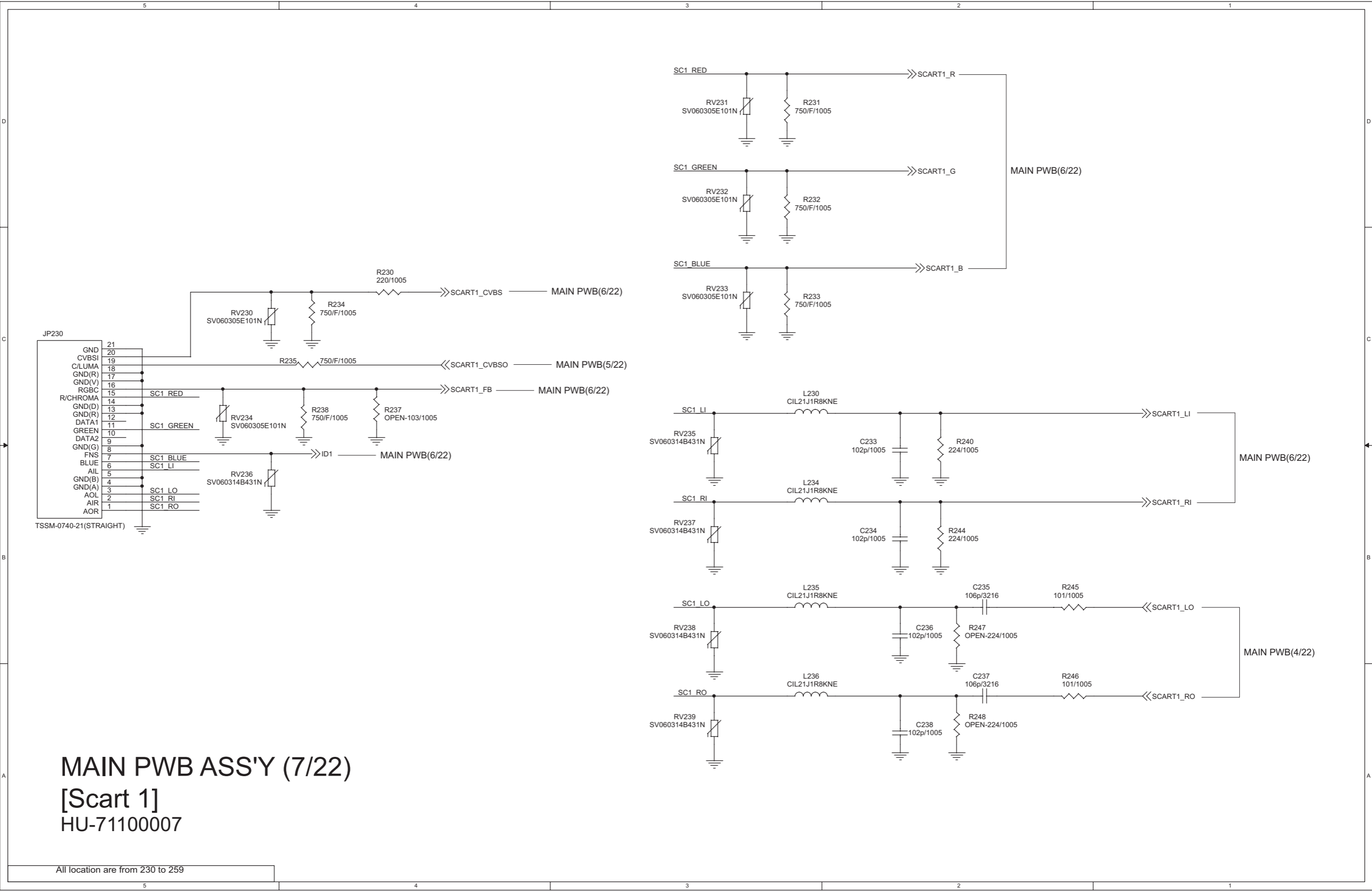
MAIN PWB CIRCUIT DIAGRAM (4/22) [VCTP A/V Input]





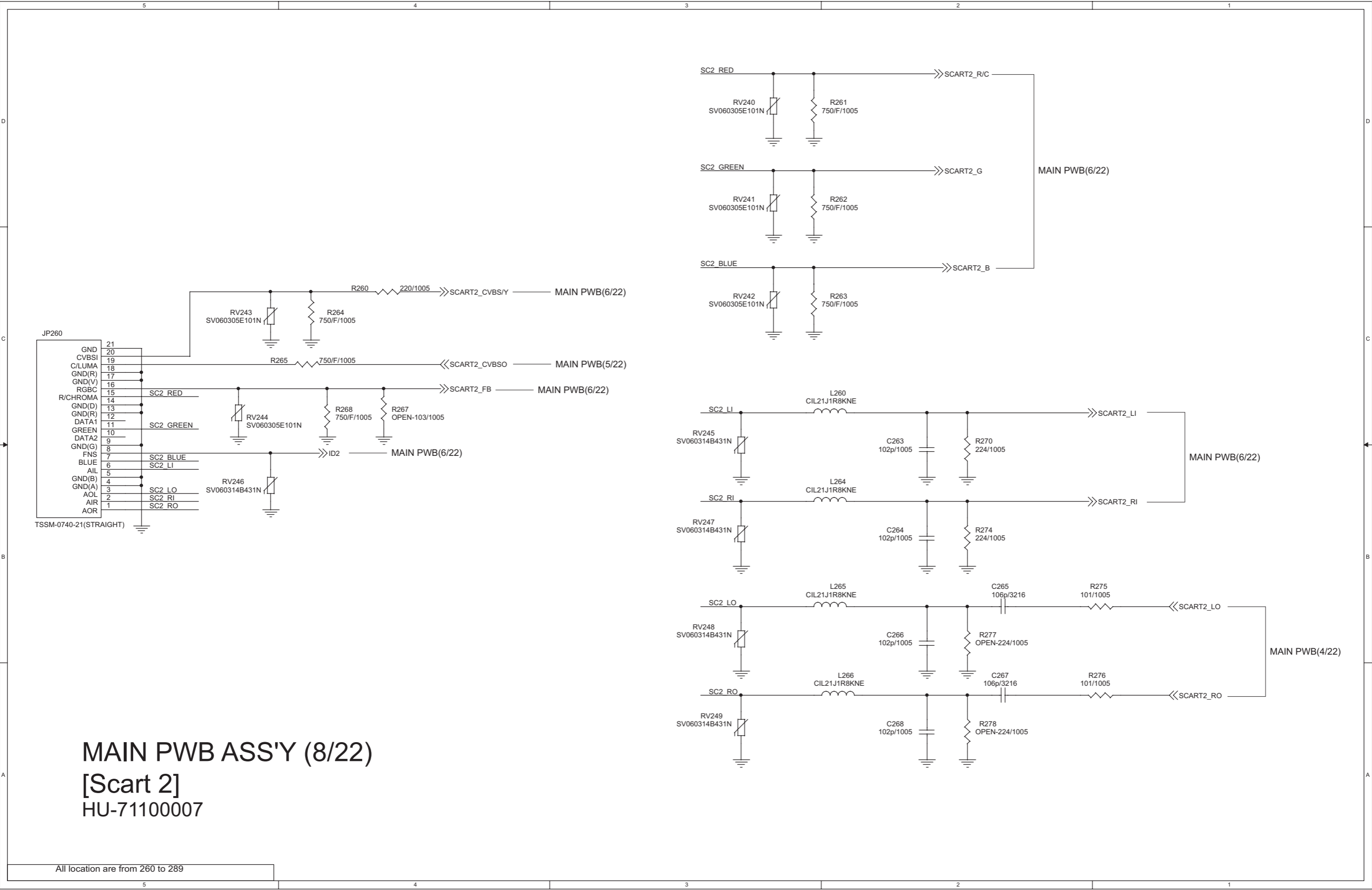
MAIN PWB CIRCUIT DIAGRAM (6/22) [Scart Switch]



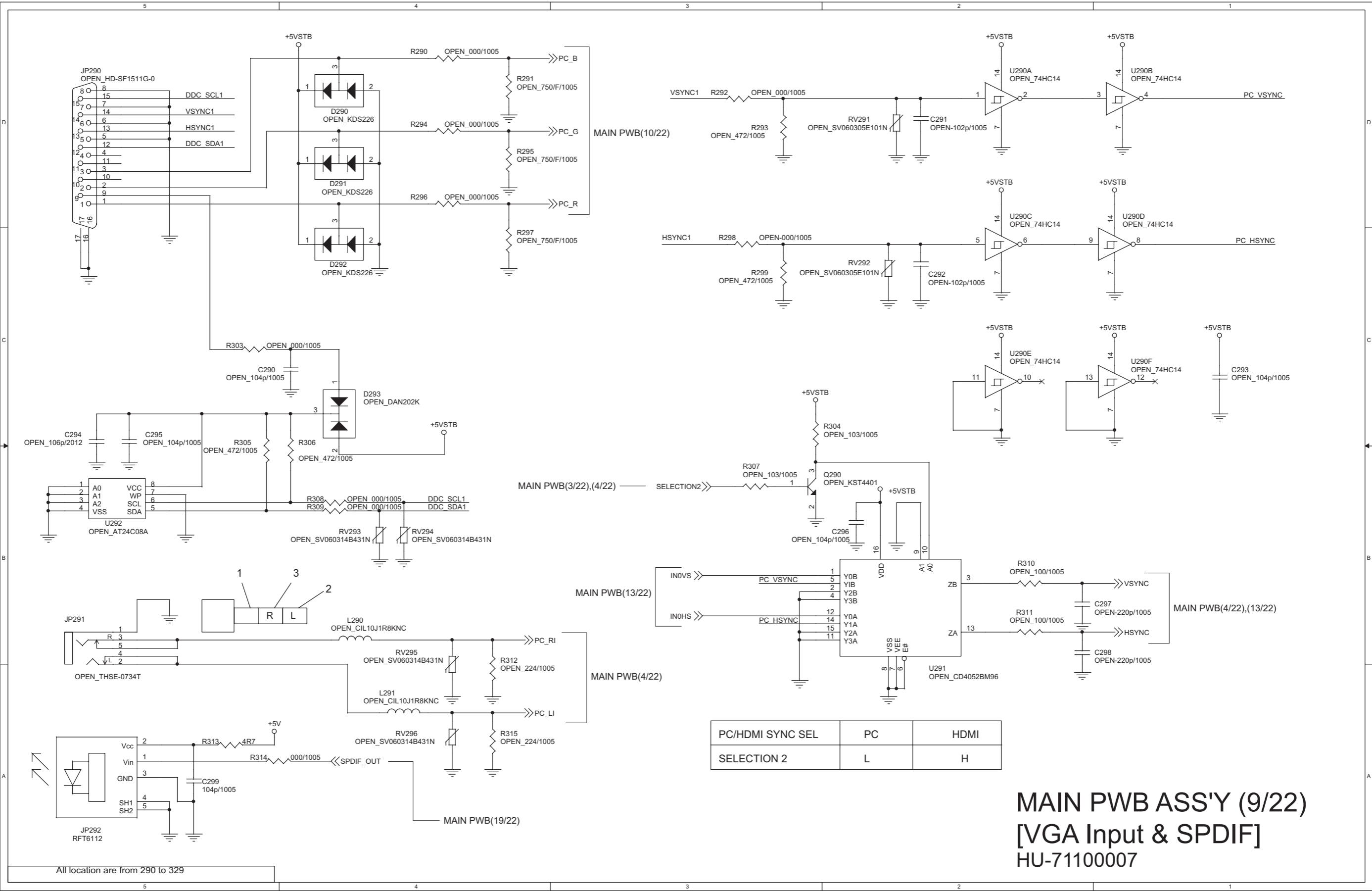


MAIN PWB ASS'Y (7/22)
[Scart 1]
HU-71100007

All location are from 230 to 259

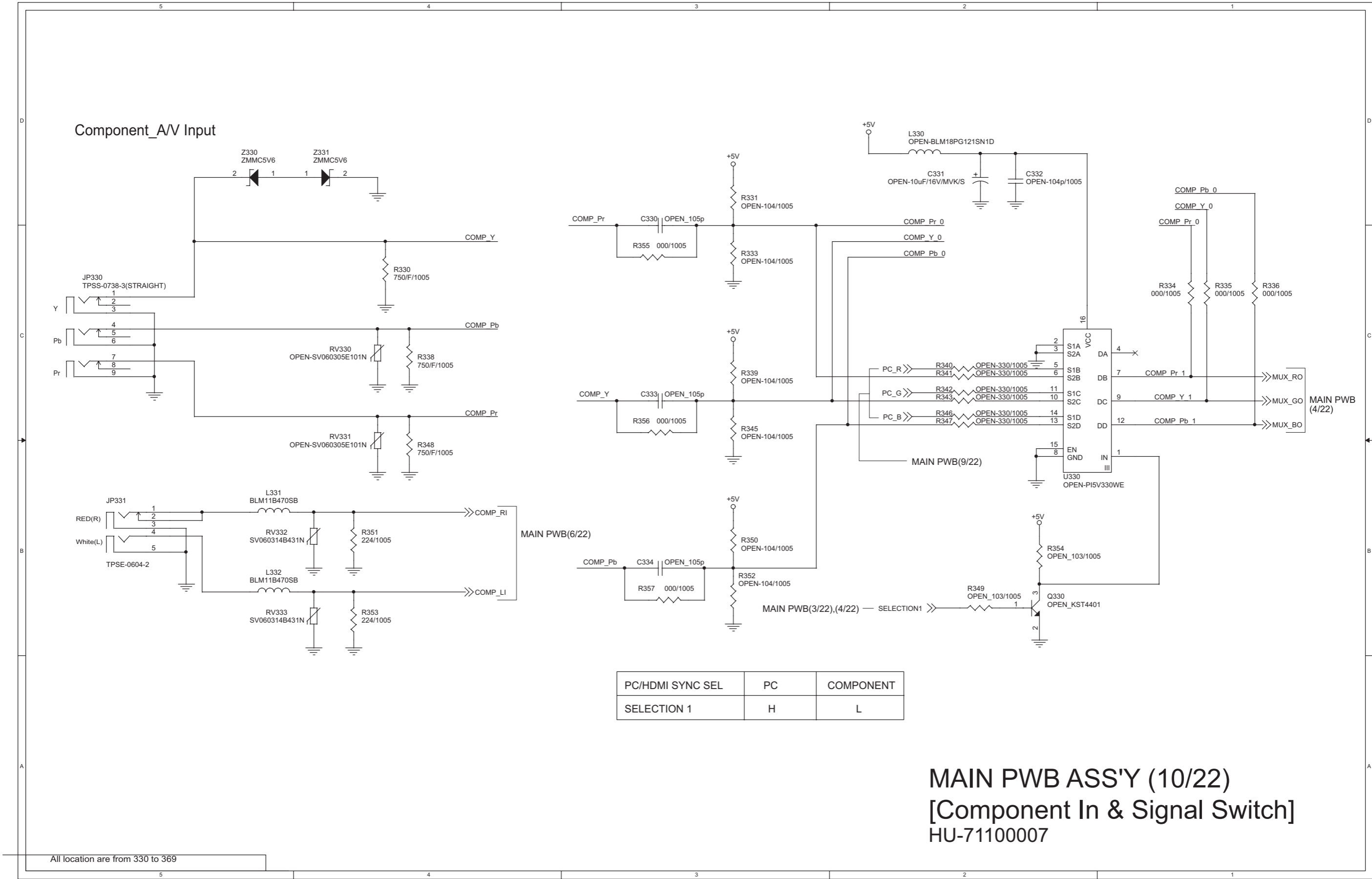


MAIN PWB CIRCUIT DIAGRAM (9/22) [VGA Input & SPDIF]

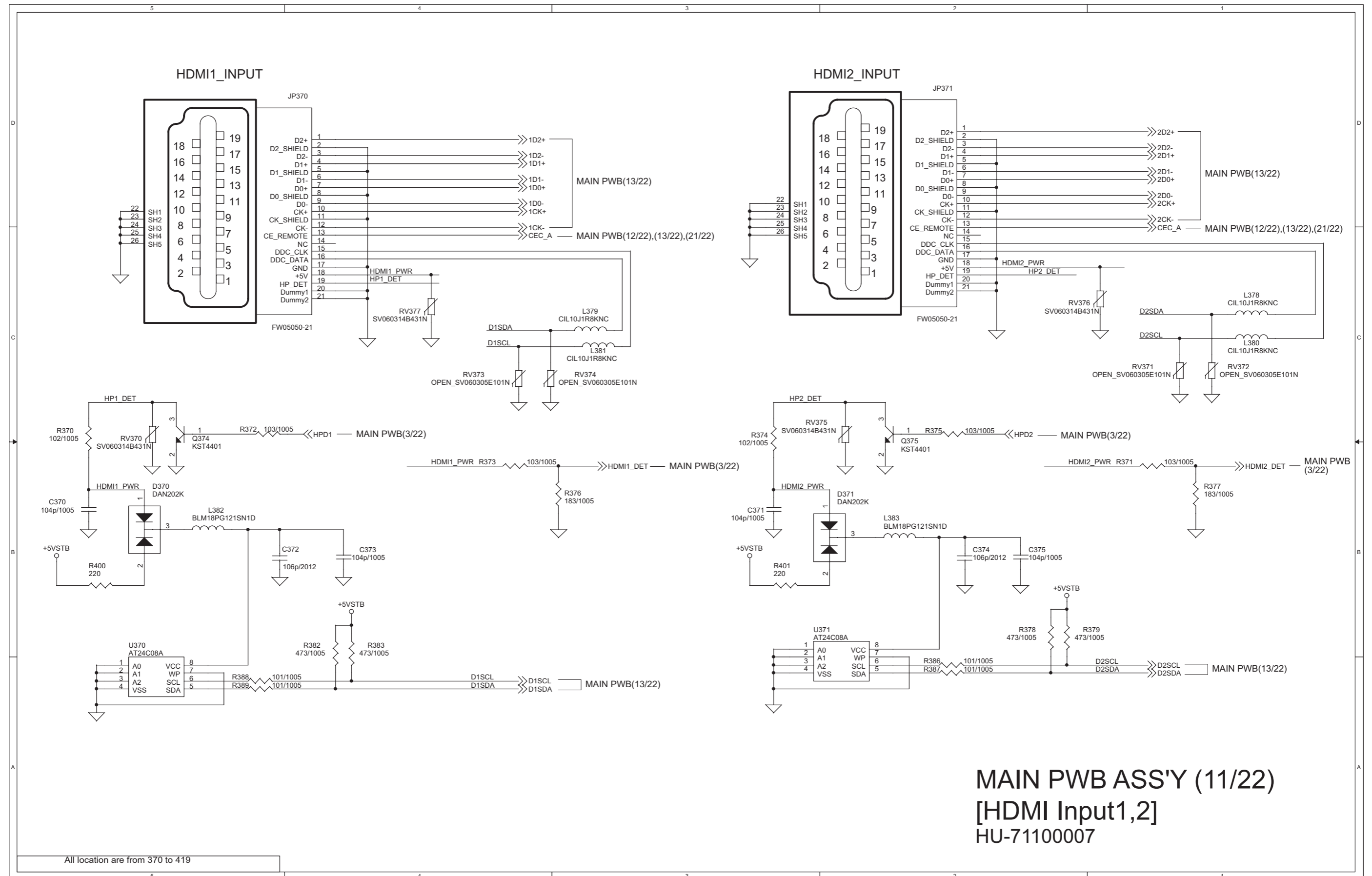


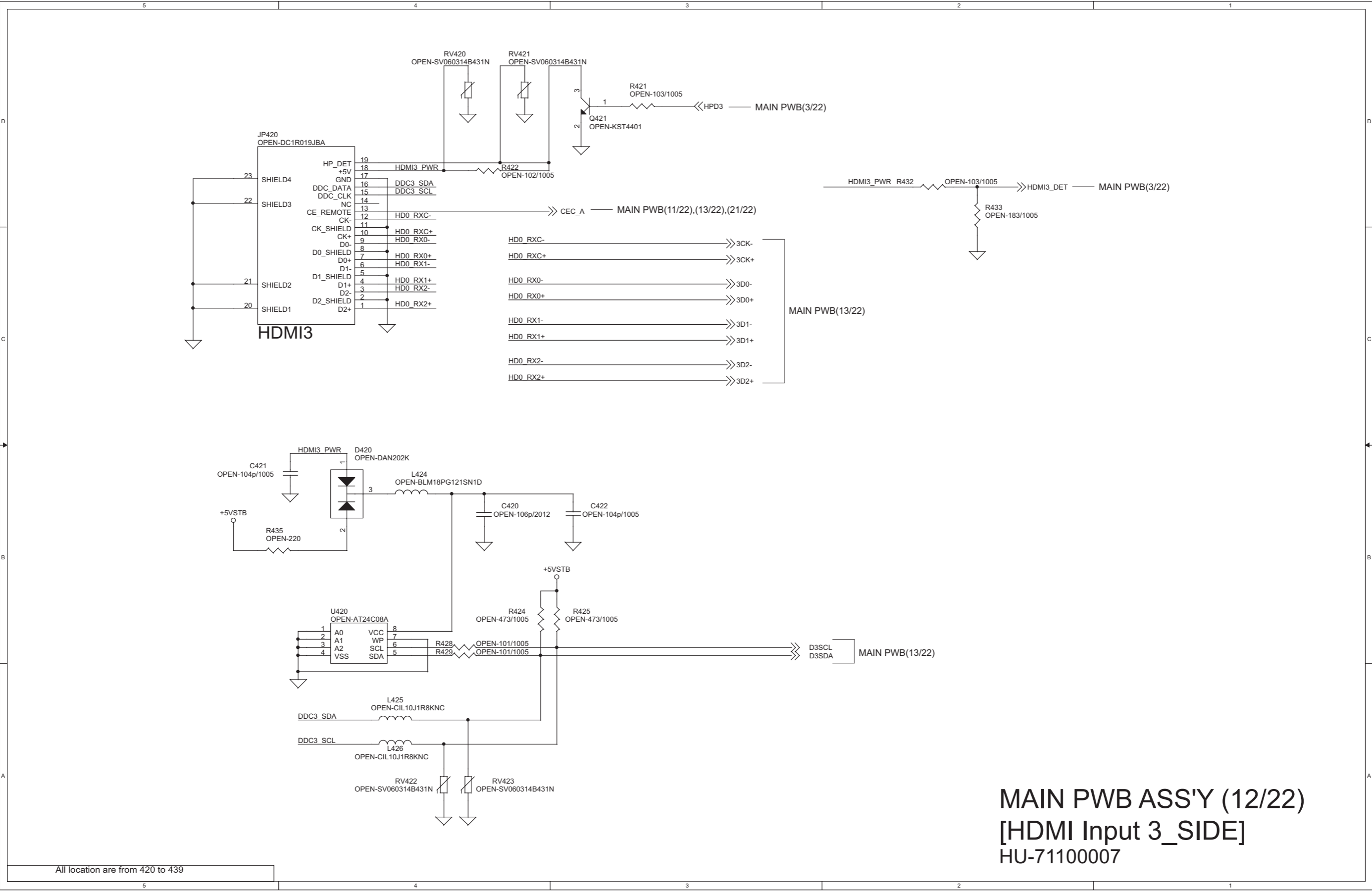
PC/HDMI SYNC SEL	PC	HDMI
SELECTION 2	L	H

MAIN PWB ASS'Y (9/22)
[VGA Input & SPDIF]
HU-71100007

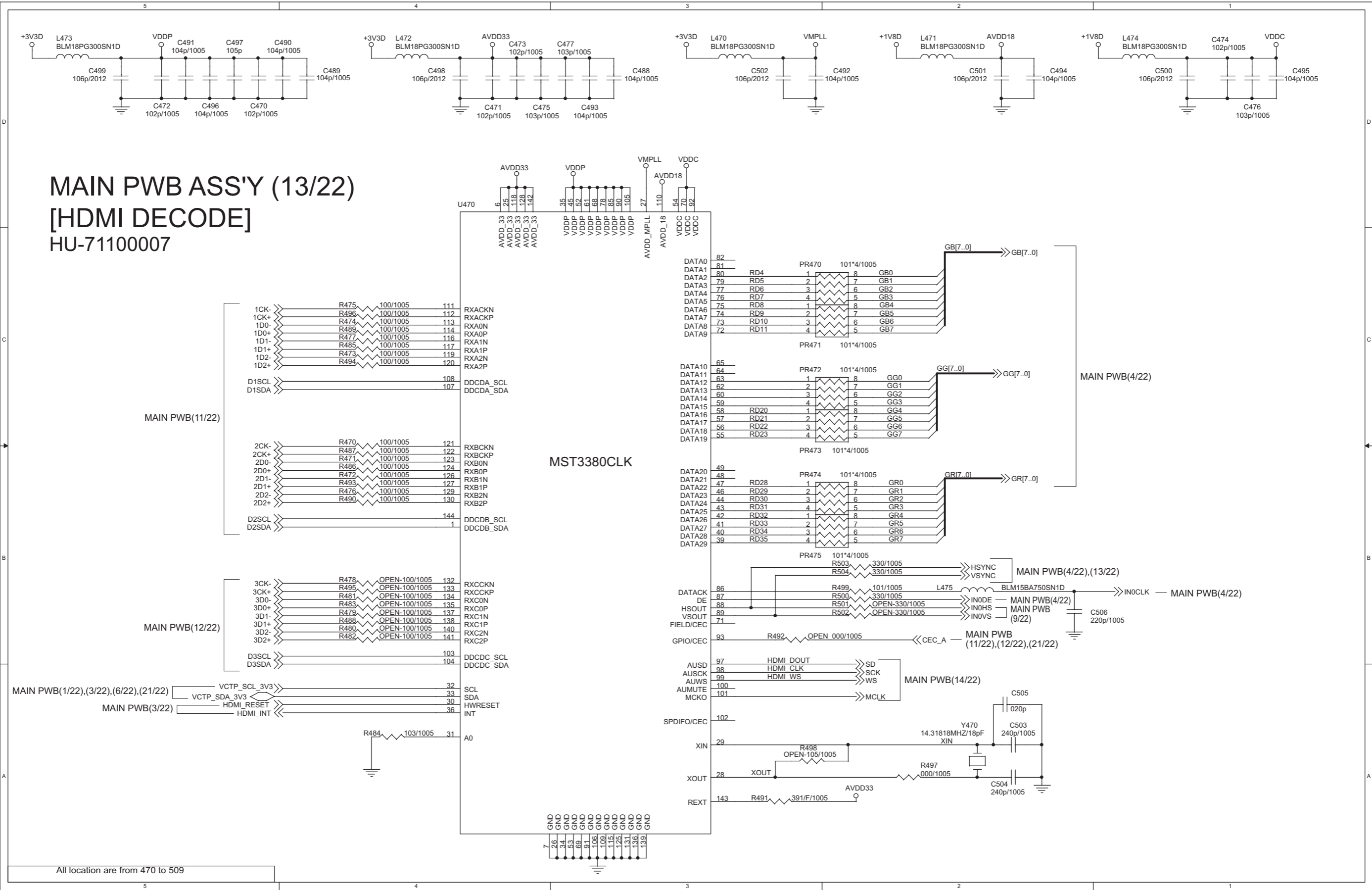


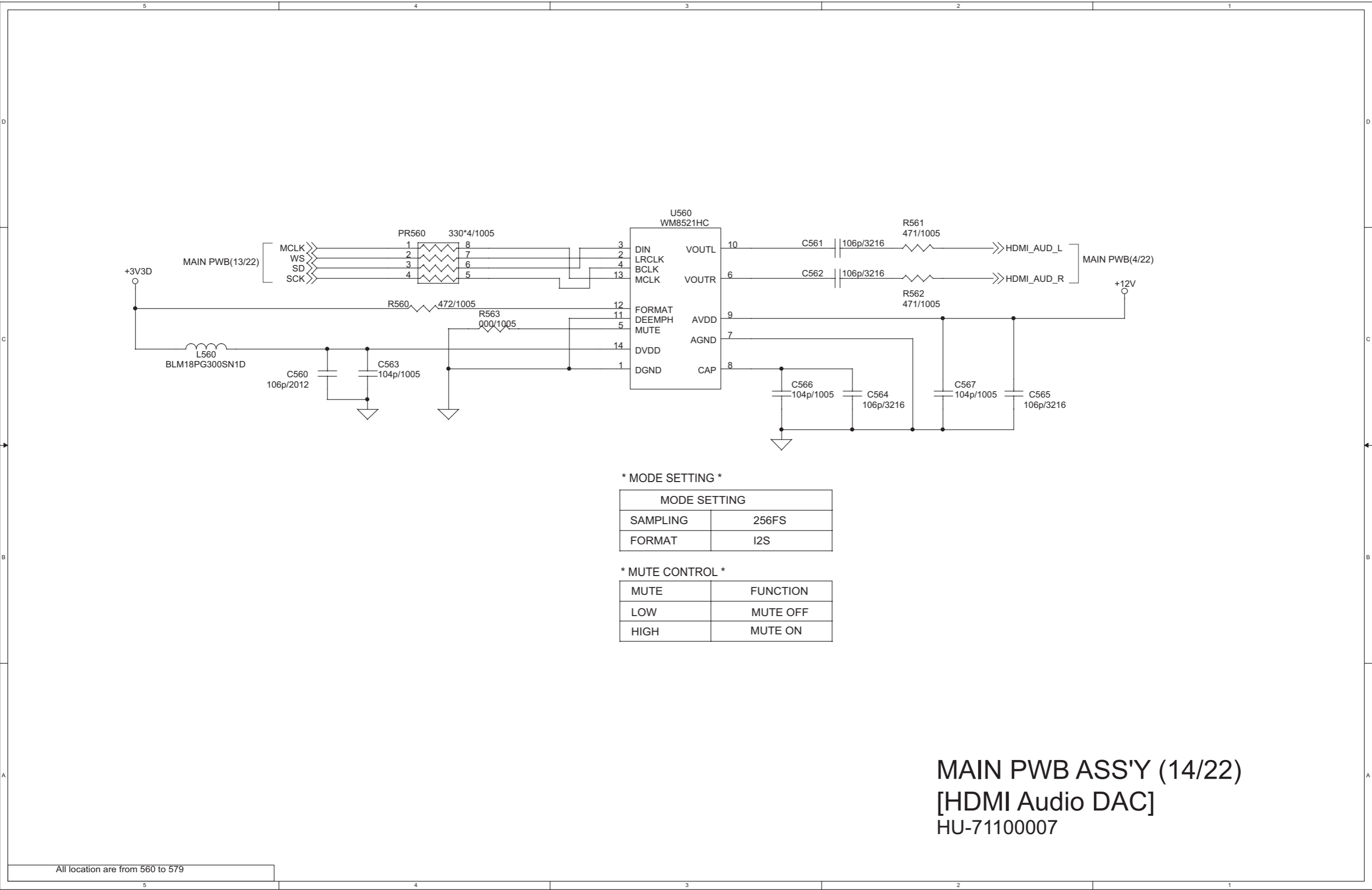
MAIN PWB CIRCUIT DIAGRAM (11/22) [HDMI Input1,2]

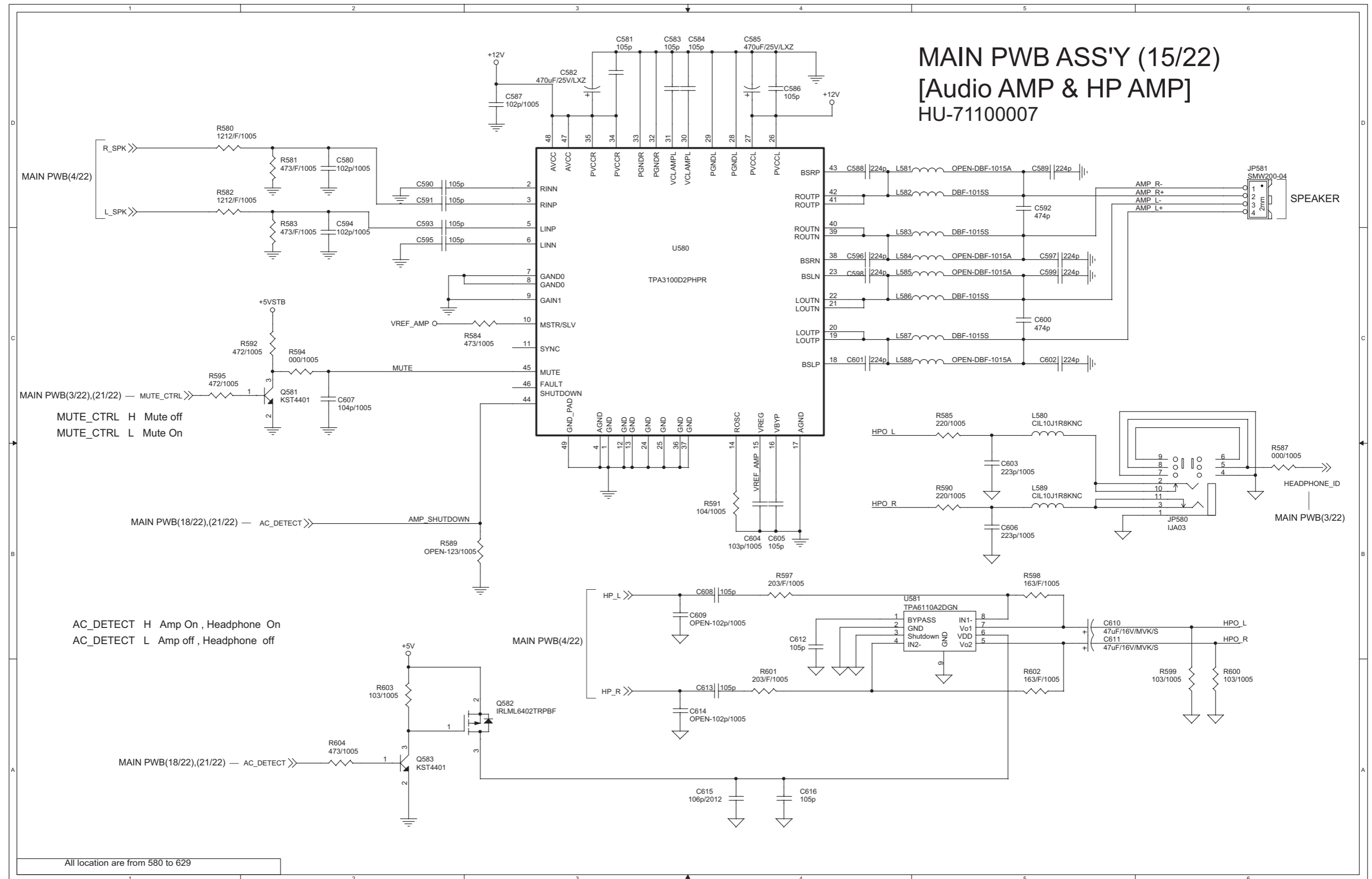




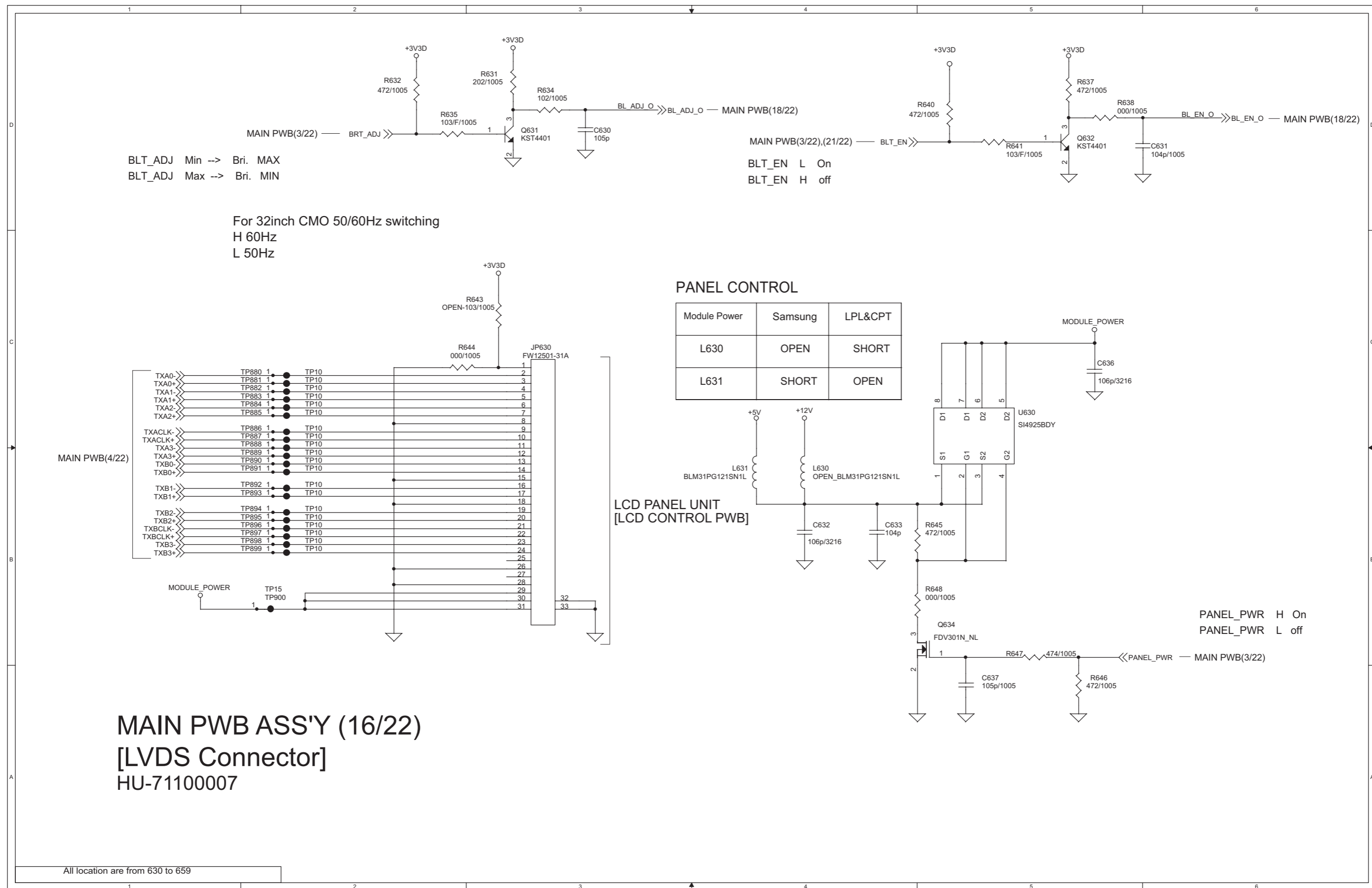
MAIN PWB ASS'Y (12/22)
[HDMI Input 3_SIDE]
HU-71100007

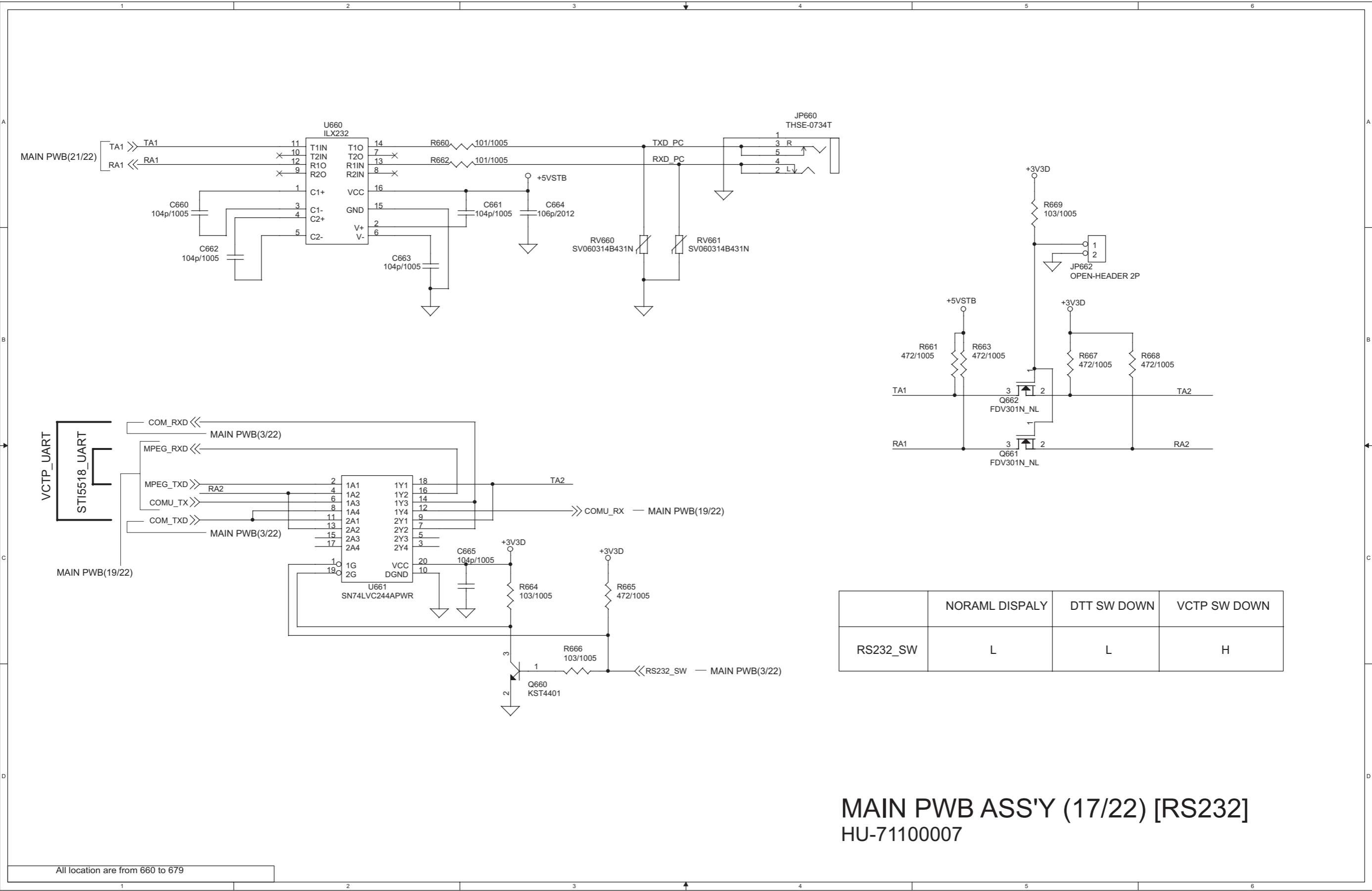






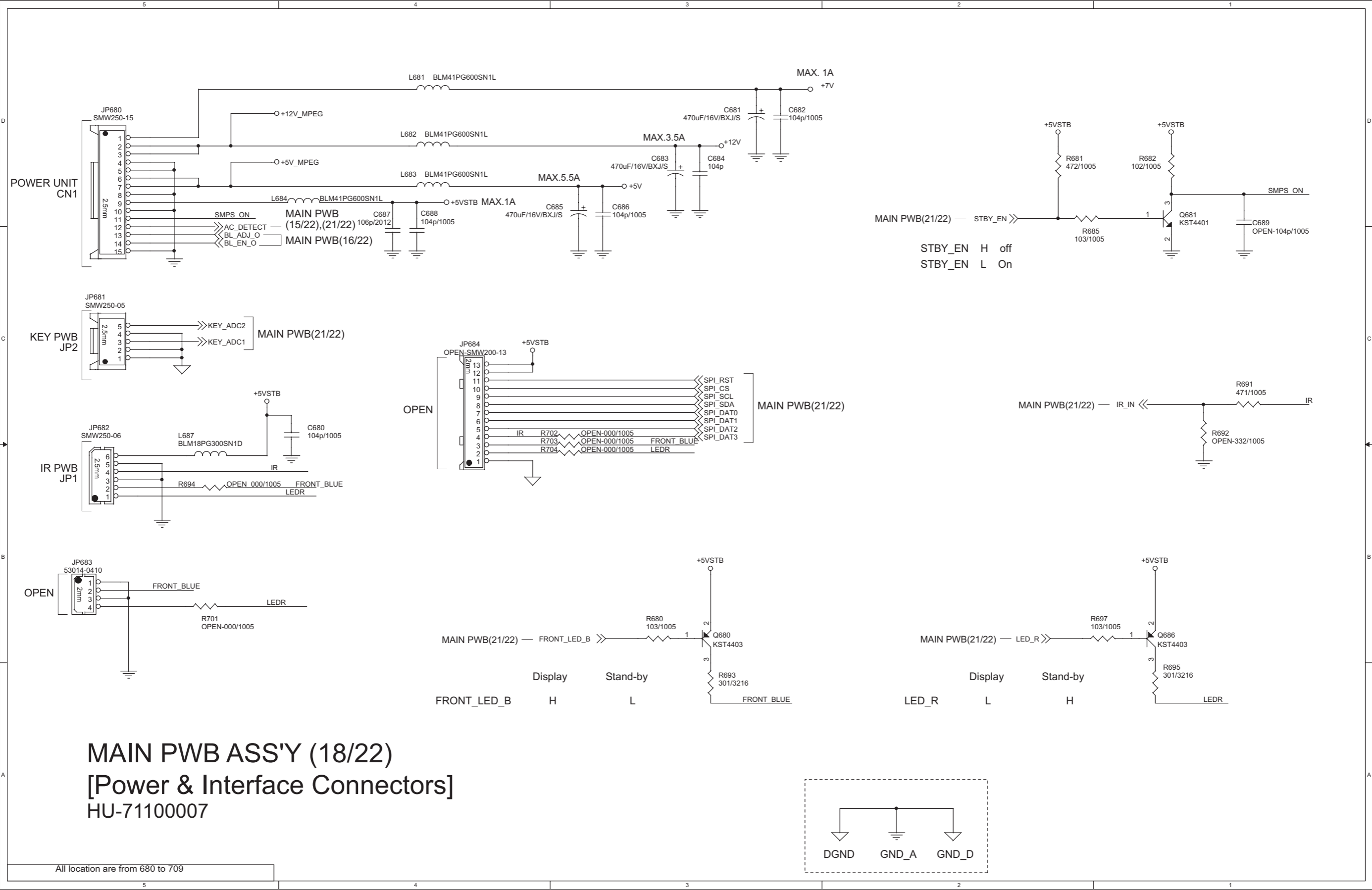
MAIN PWB CIRCUIT DIAGRAM (16/22) [LVDS Connector]

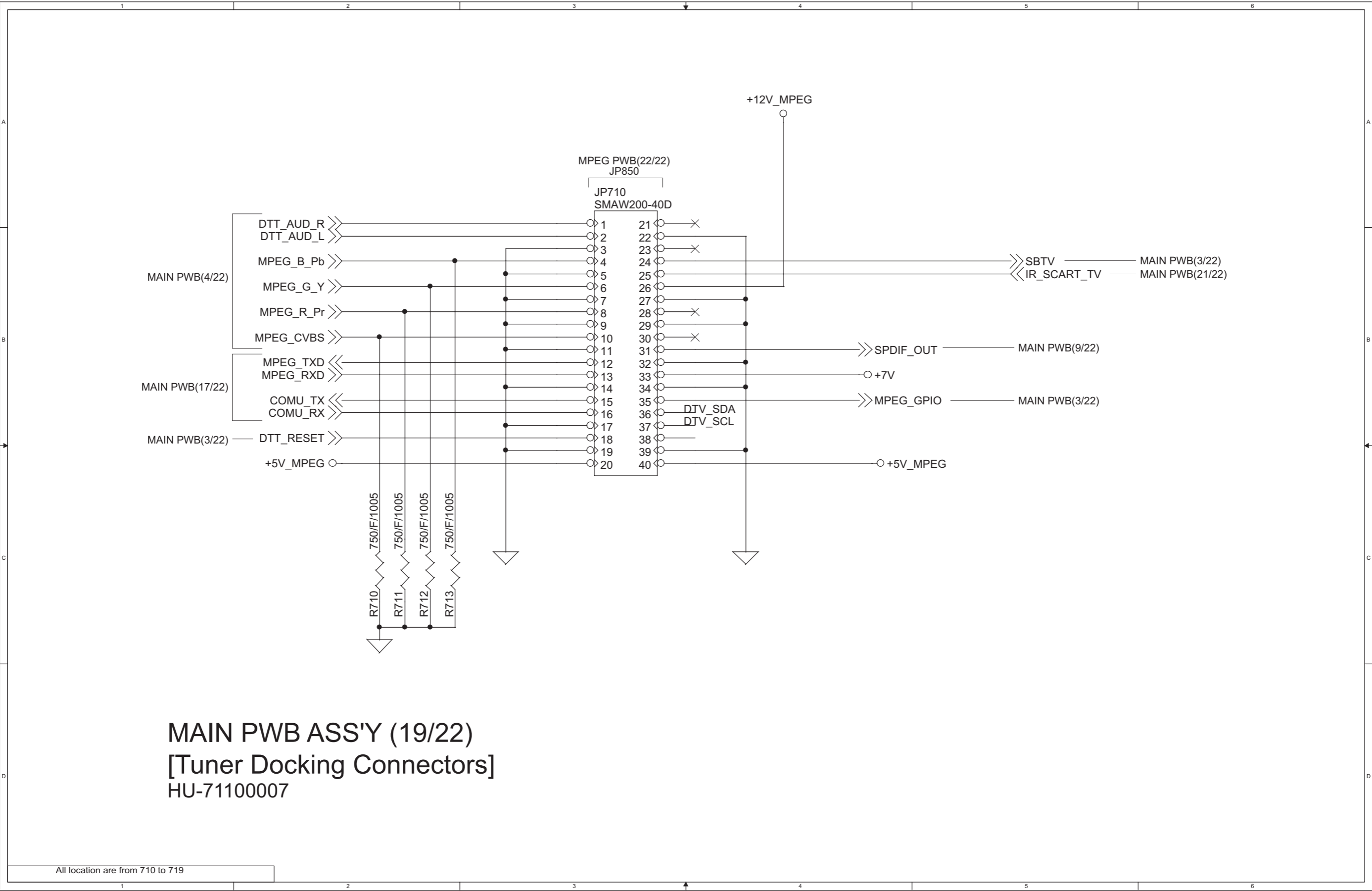


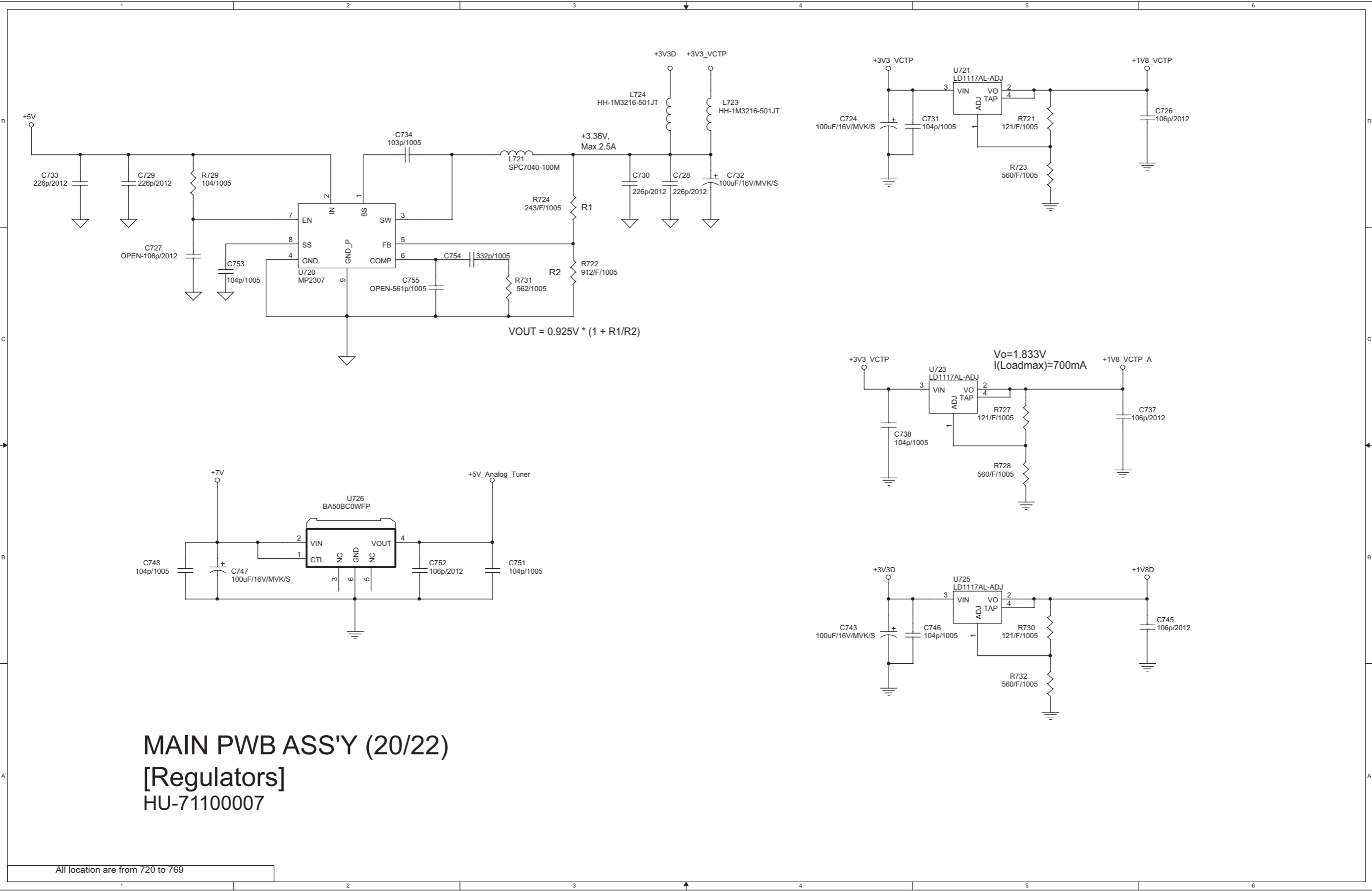


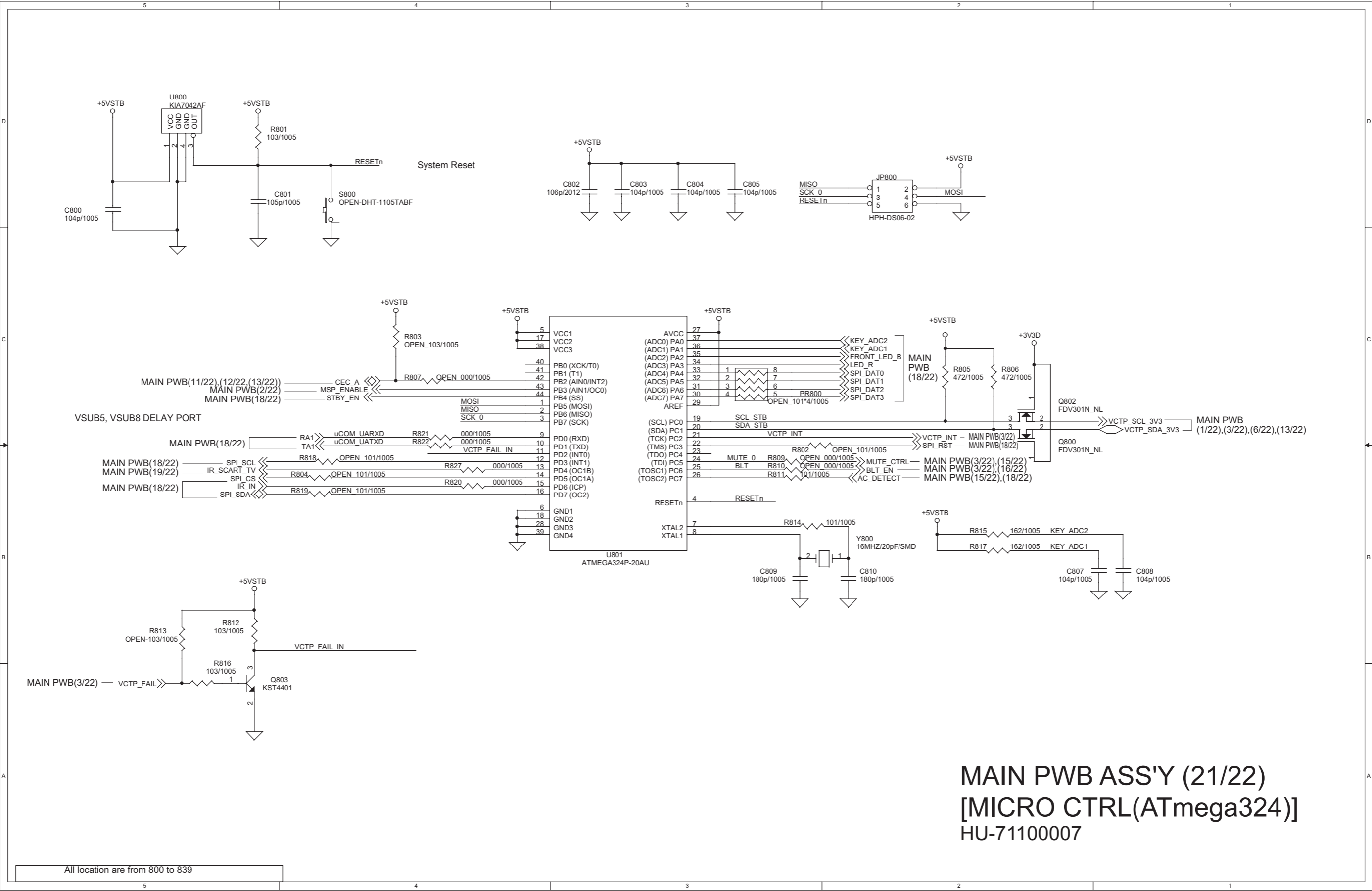
MAIN PWB ASS'Y (17/22) [RS232]
HU-71100007

All location are from 660 to 679









5 4 3 2 1

D

C

B

A

JP840
DUA E-9619

5 SGND
6 SGND
7 SGND
8 SGND

C Y
3
1 GND
2 GND

RV840
SV060305E101N

RV841
SV060305E101N

R840
220/1005

R841
750/F/1005

R842
220/1005

R843
750/F/1005

SV_C

SV_Y

MAIN PWB(4/22)

JP841
IJBH3-SYNPH

CVBS

1
2
3

4
5
6

7
8
9

AL

AR

RV842
SV060305E101N

RV843
SV060314B431N

RV844
SV060314B431N

L840
CIL21J1R8KNE

L841
CIL21J1R8KNE

C840
102p/1005

C841
102p/1005

R844
220/1005

R845
750/F/1005

R846
102/1005

R847
224/1005

R848
102/1005

R849
224/1005

CVBS

AL_CVBS

AR_CVBS

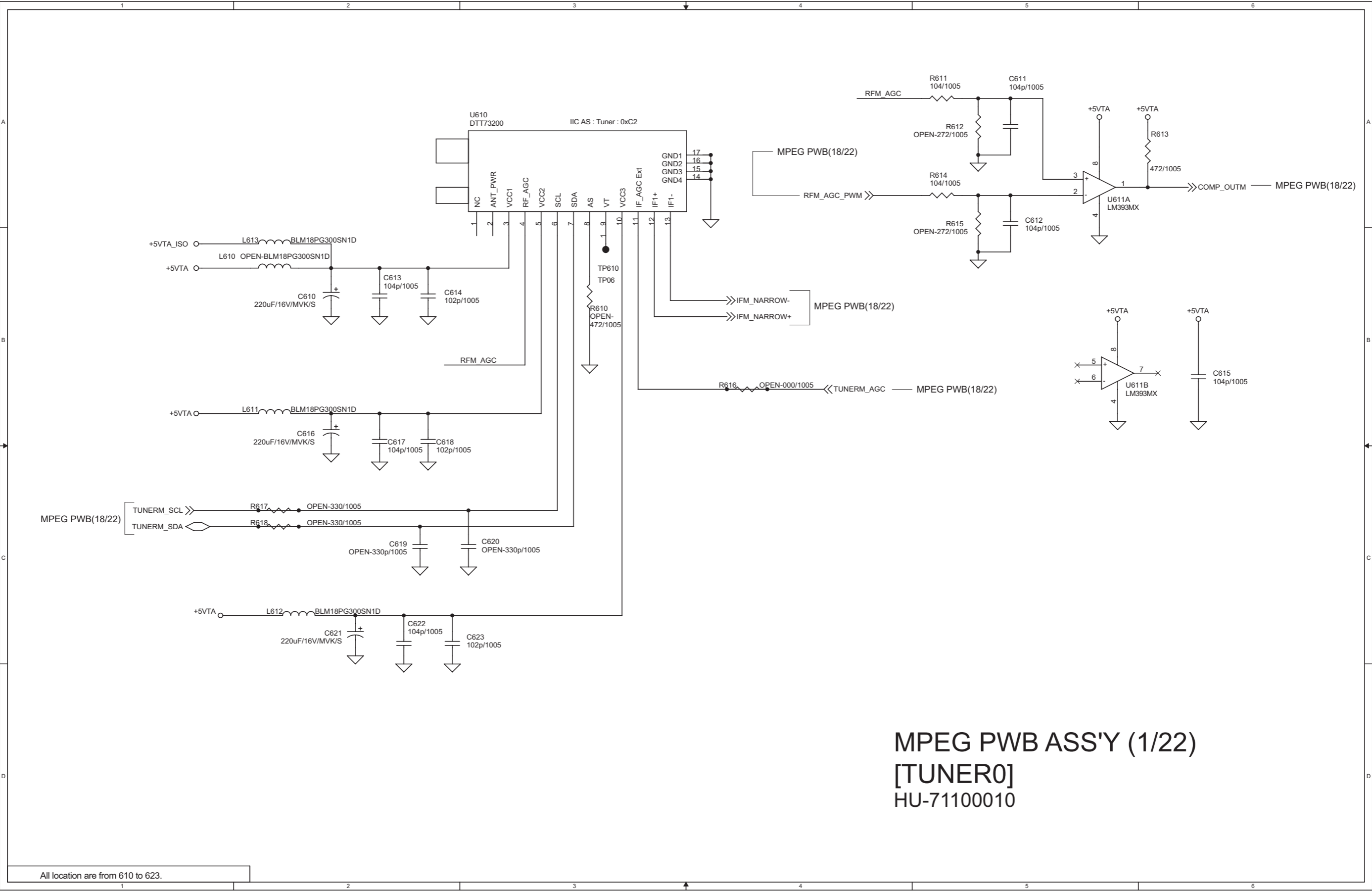
MAIN PWB(4/22)

MAIN PWB ASS'Y (22/22) [Side jack]
HU-71100007

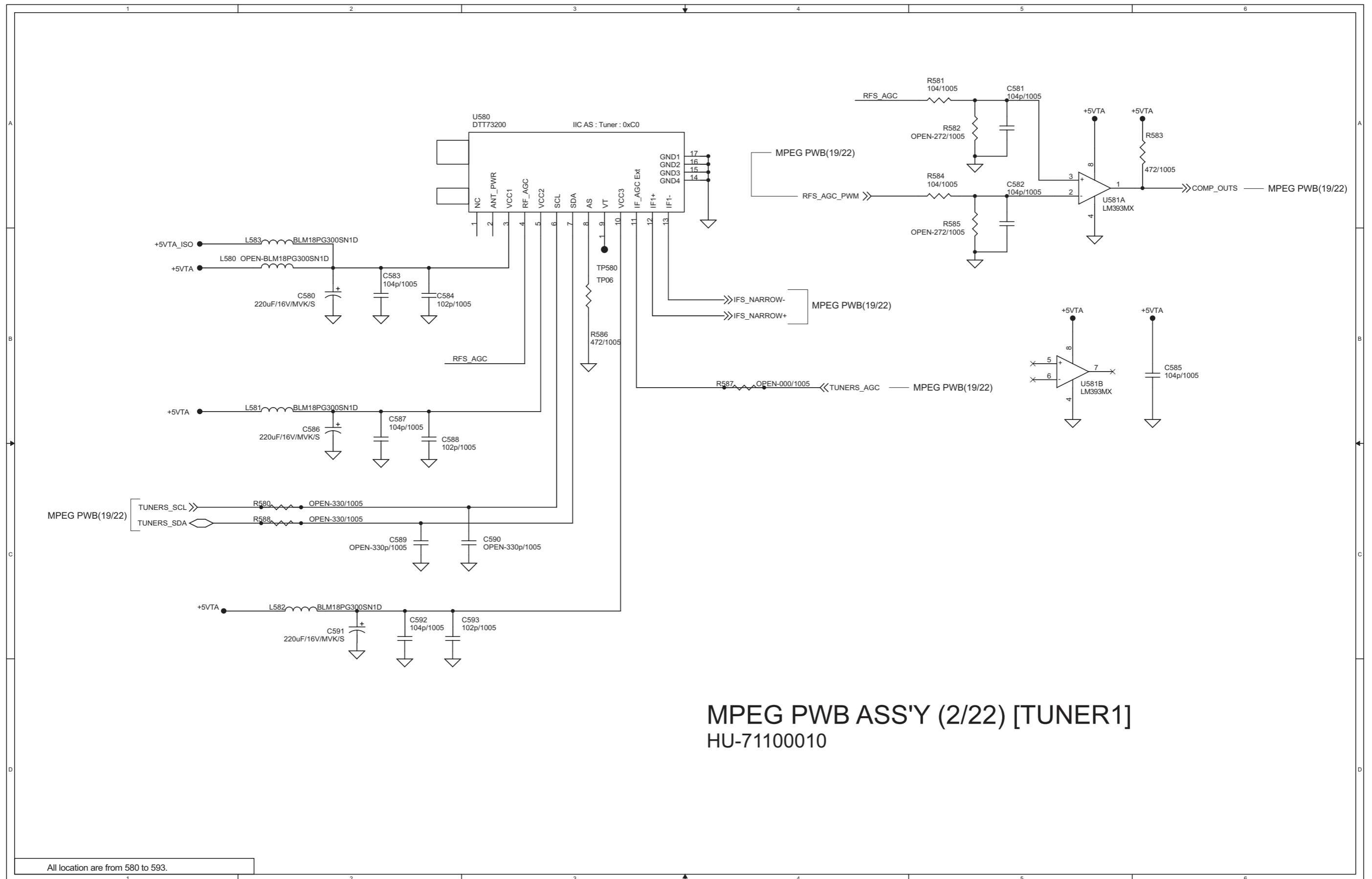
All location are from 840 to 859

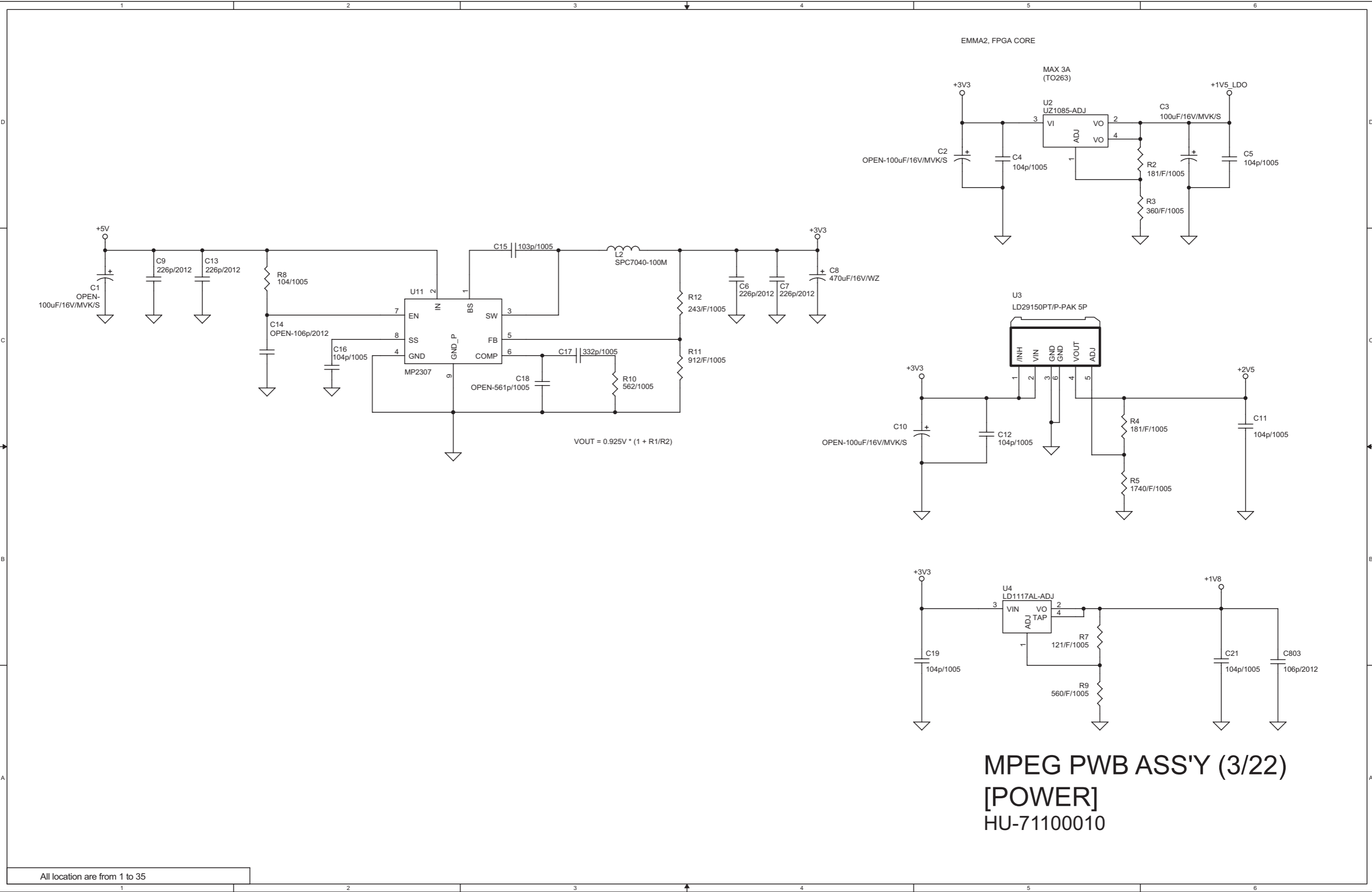
5 4 3 2 1

	All location are from 840 to 859
--	----------------------------------

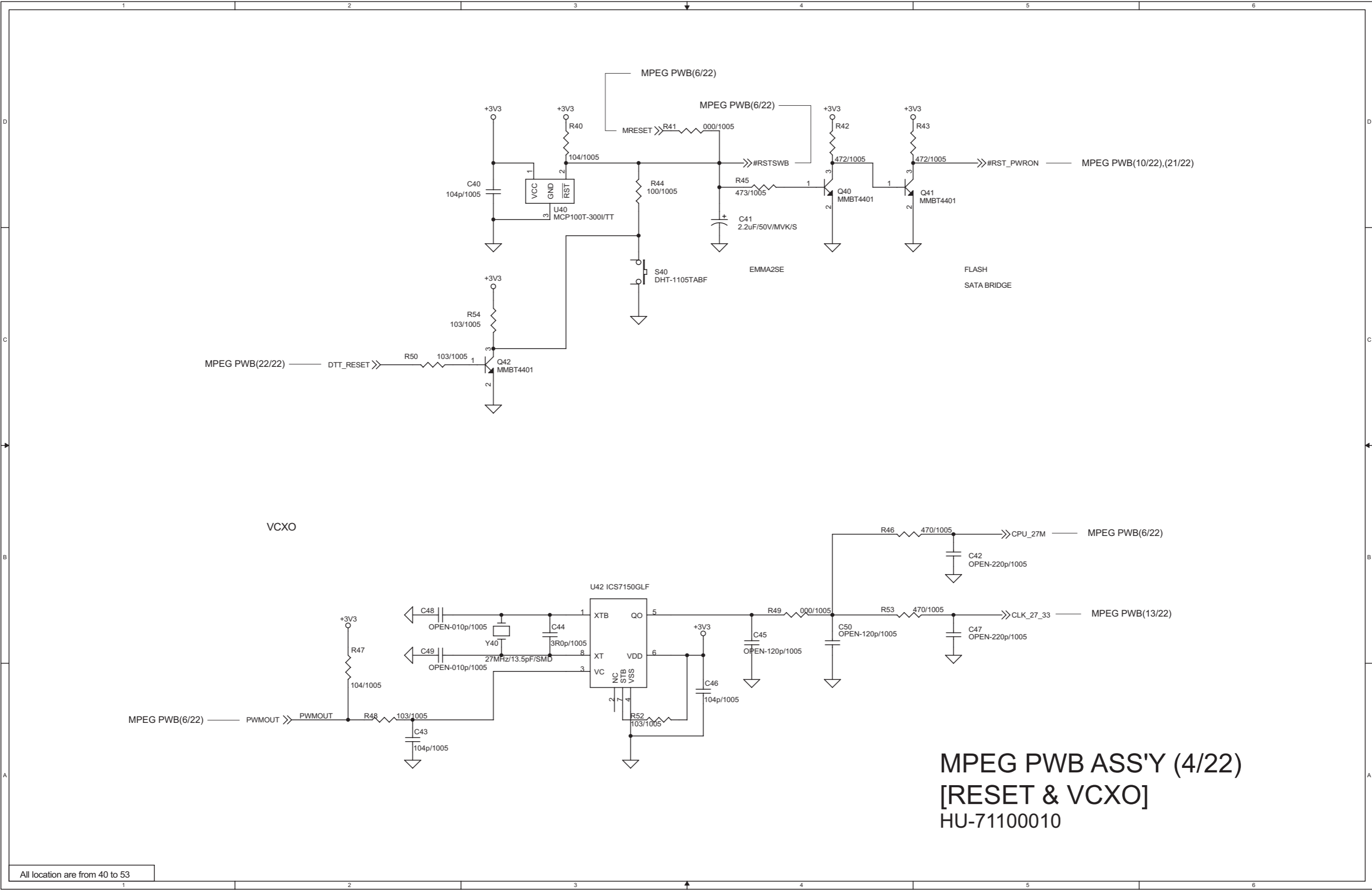


All location are from 610 to 623.

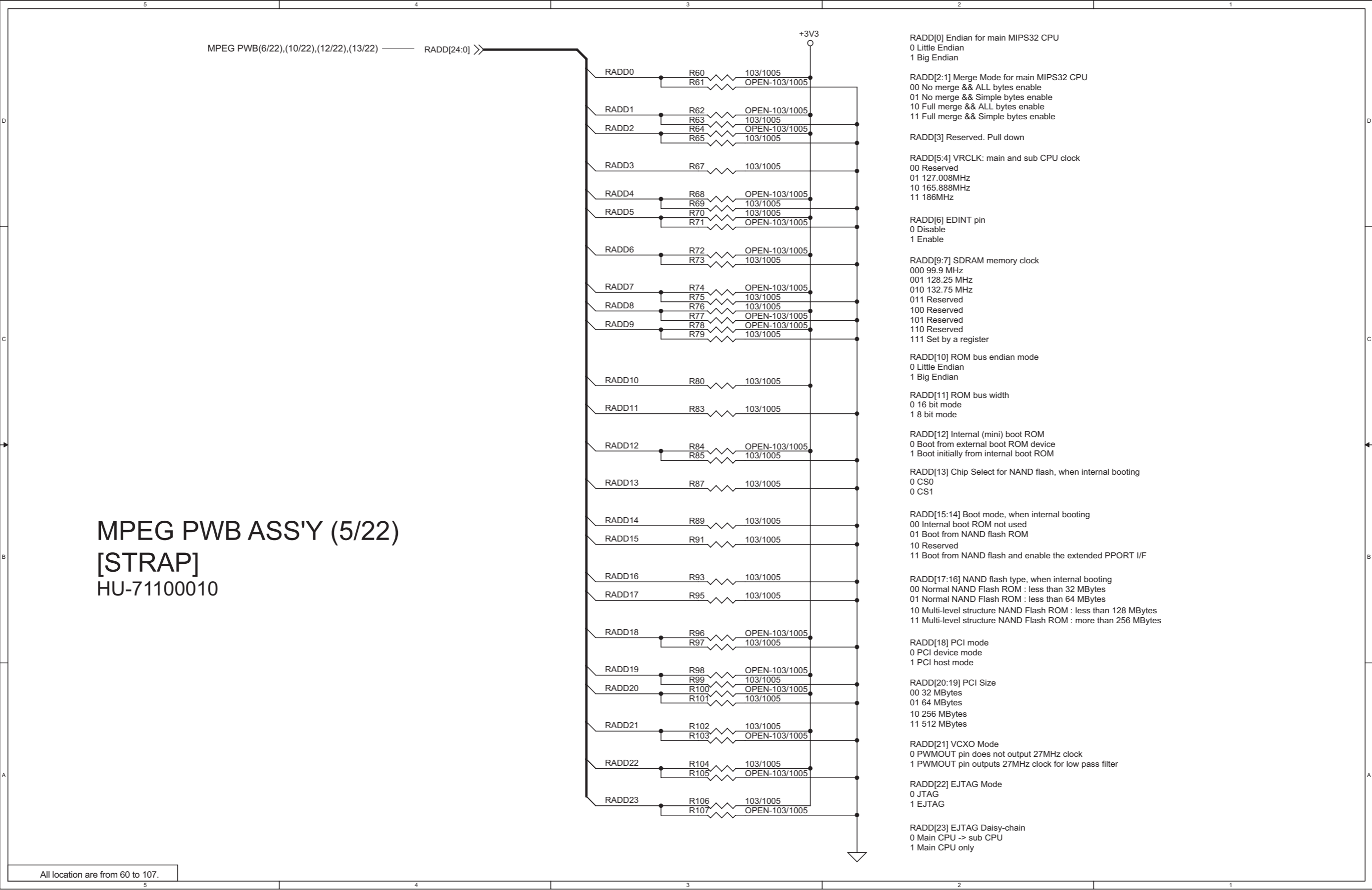


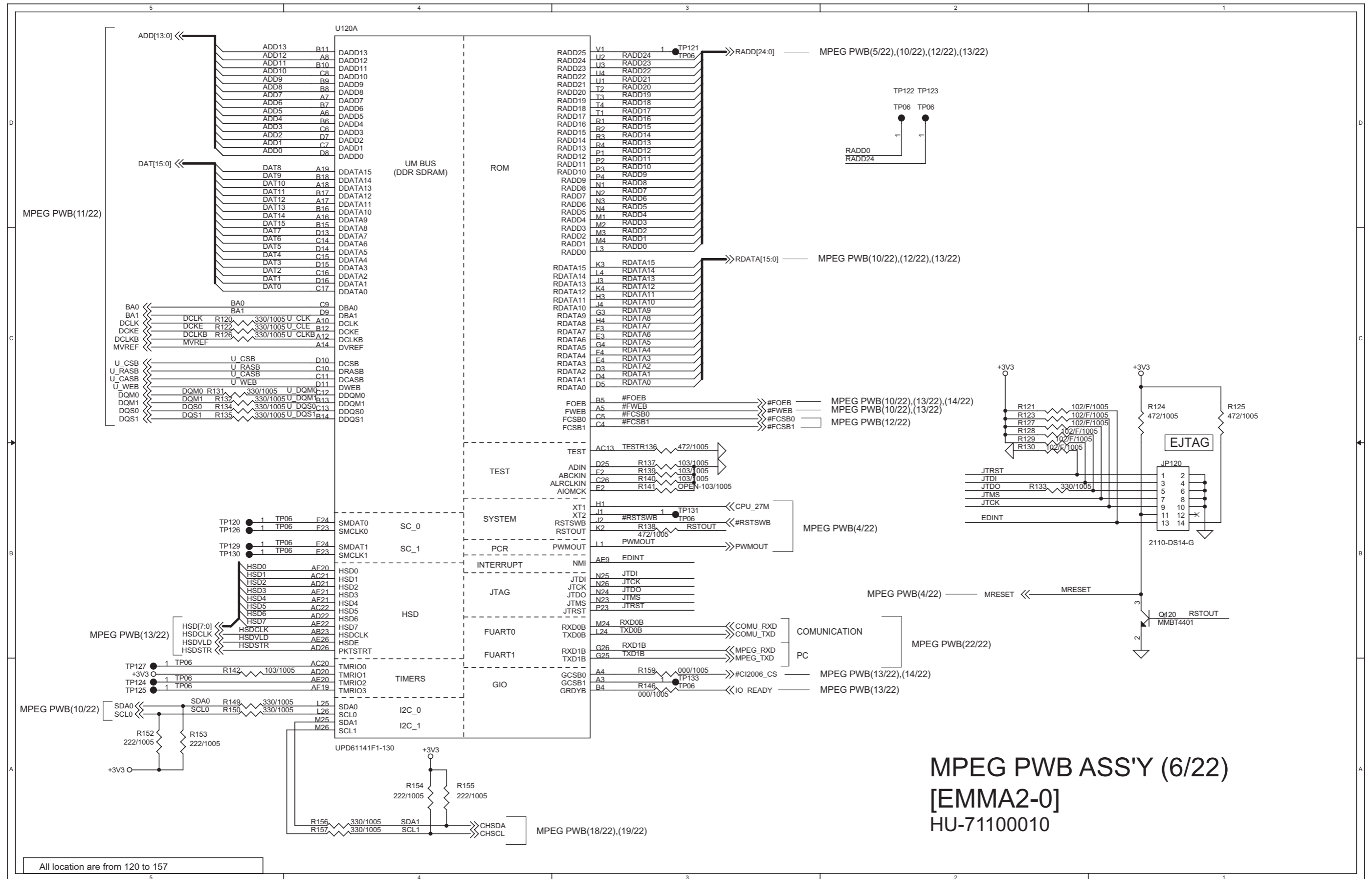


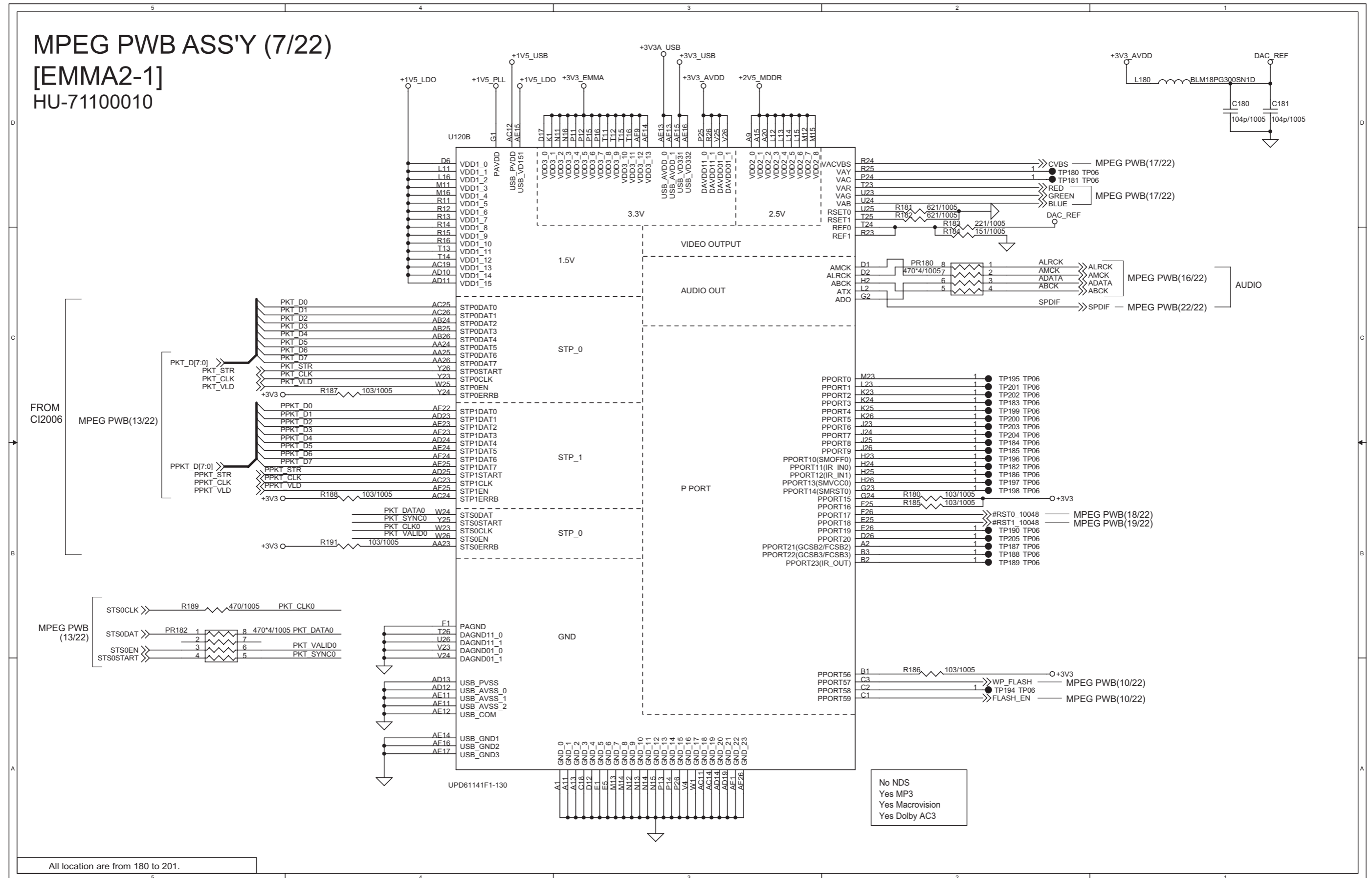
All location are from 1 to 35

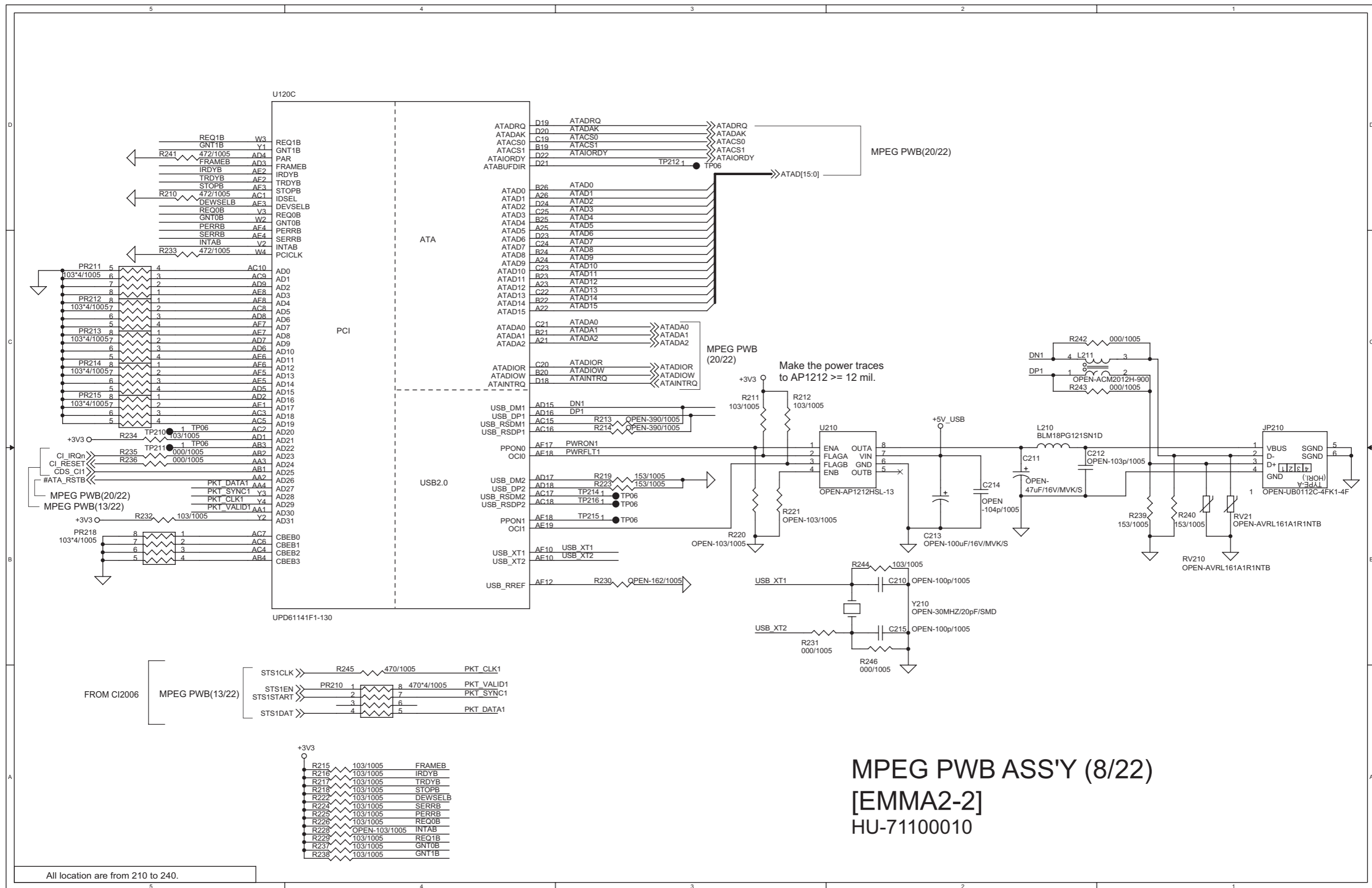


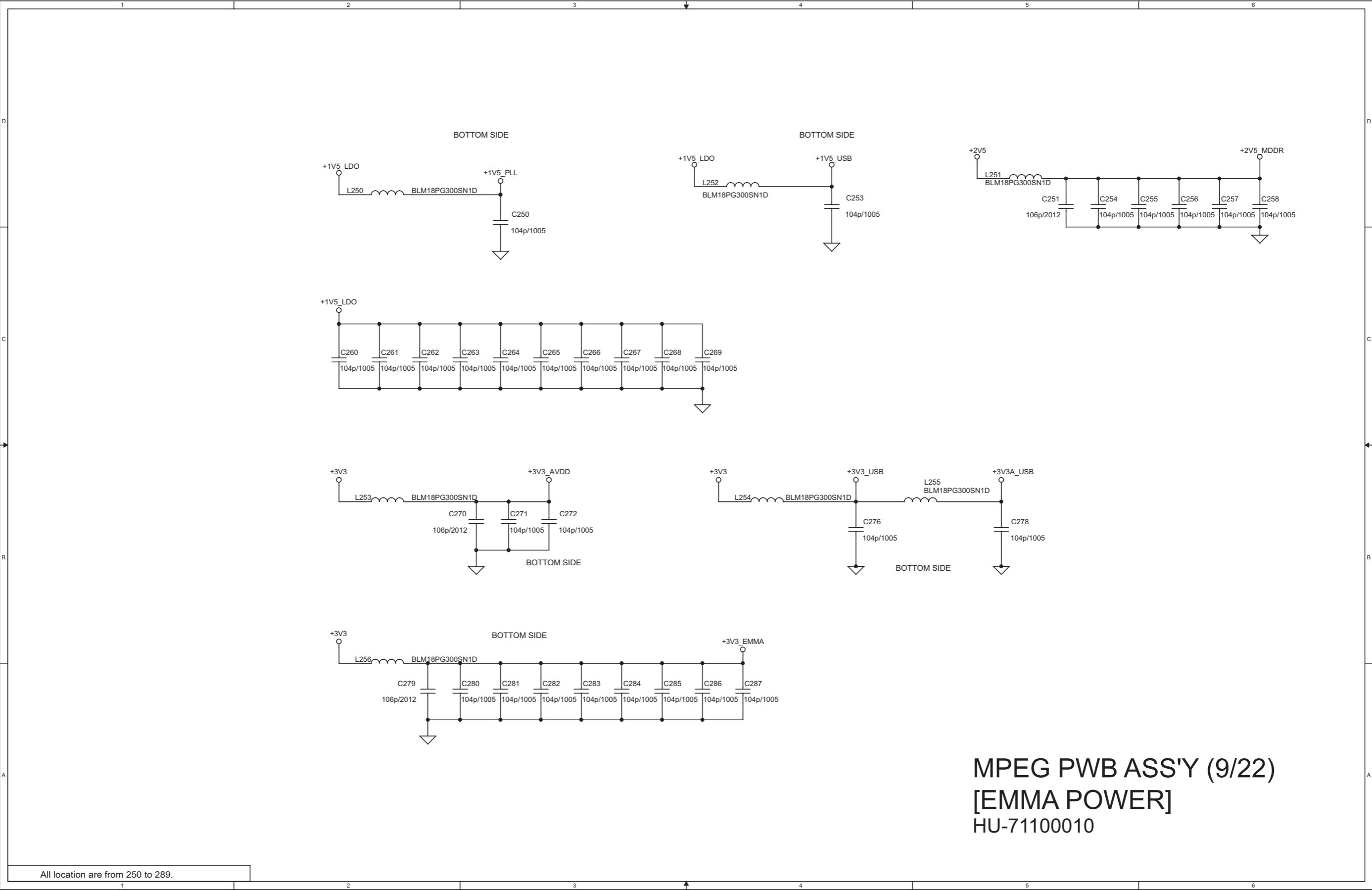
MPEG PWB ASS'Y (4/22)
[RESET & VCXO]
HU-71100010



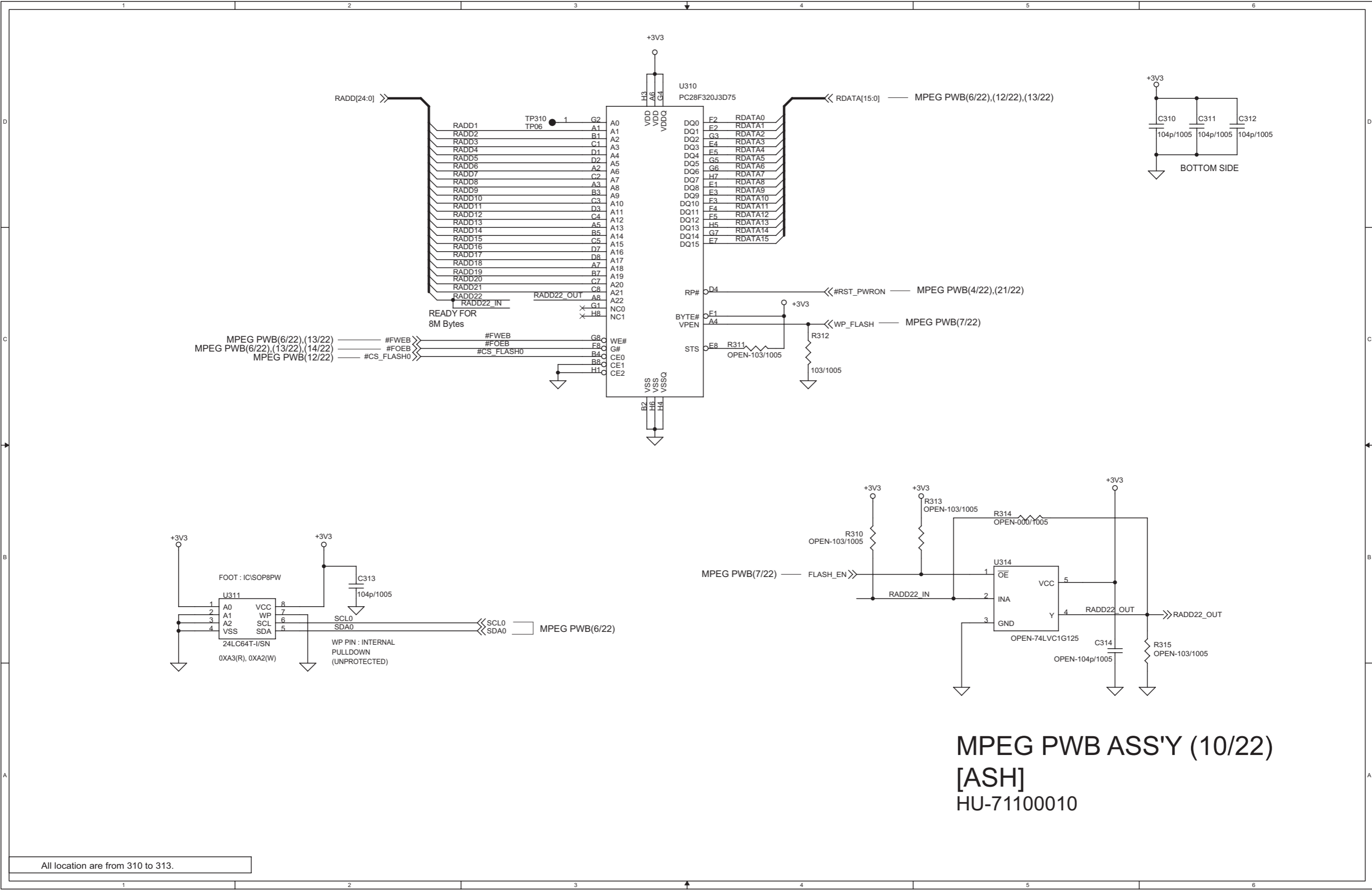


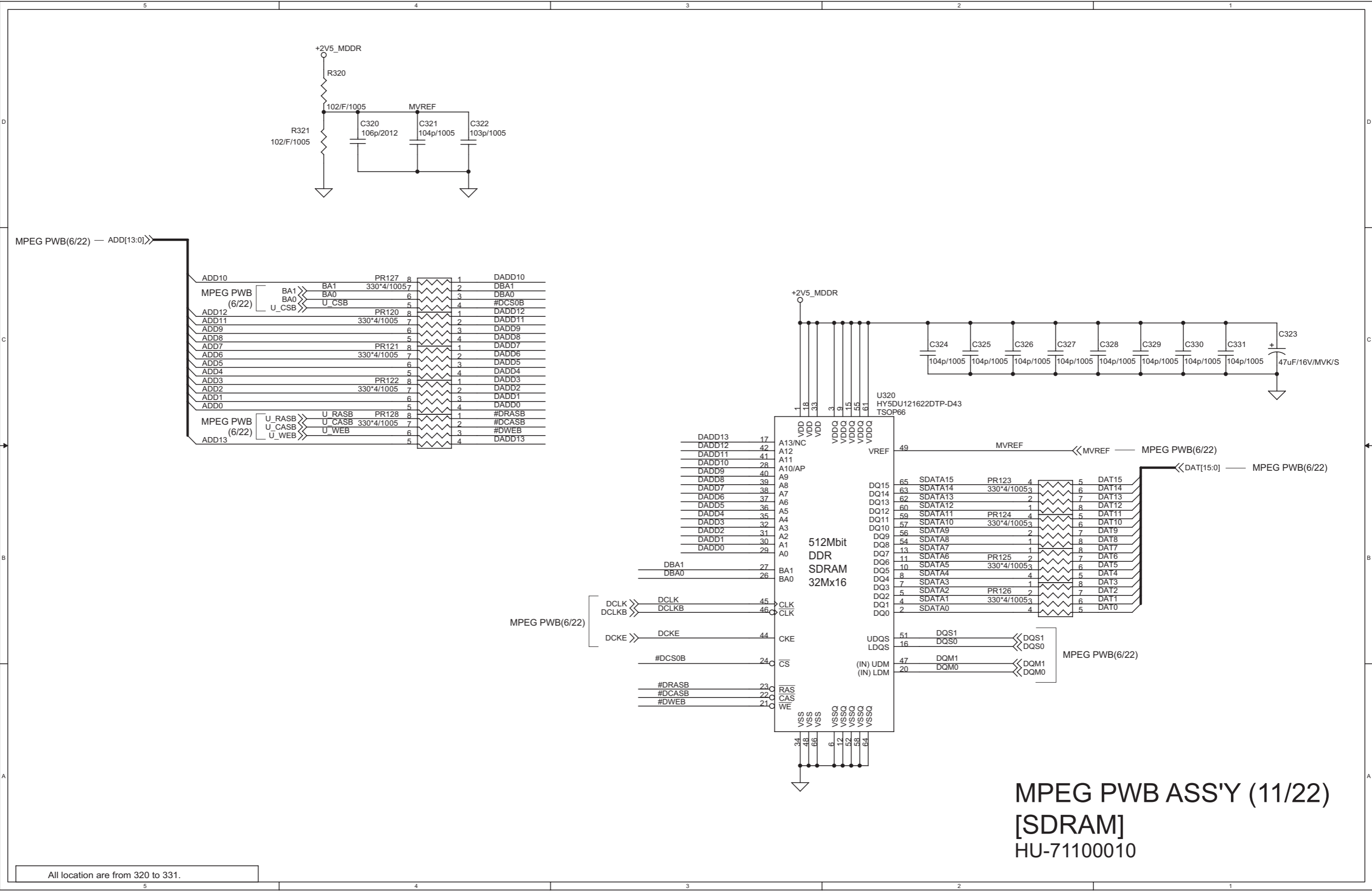




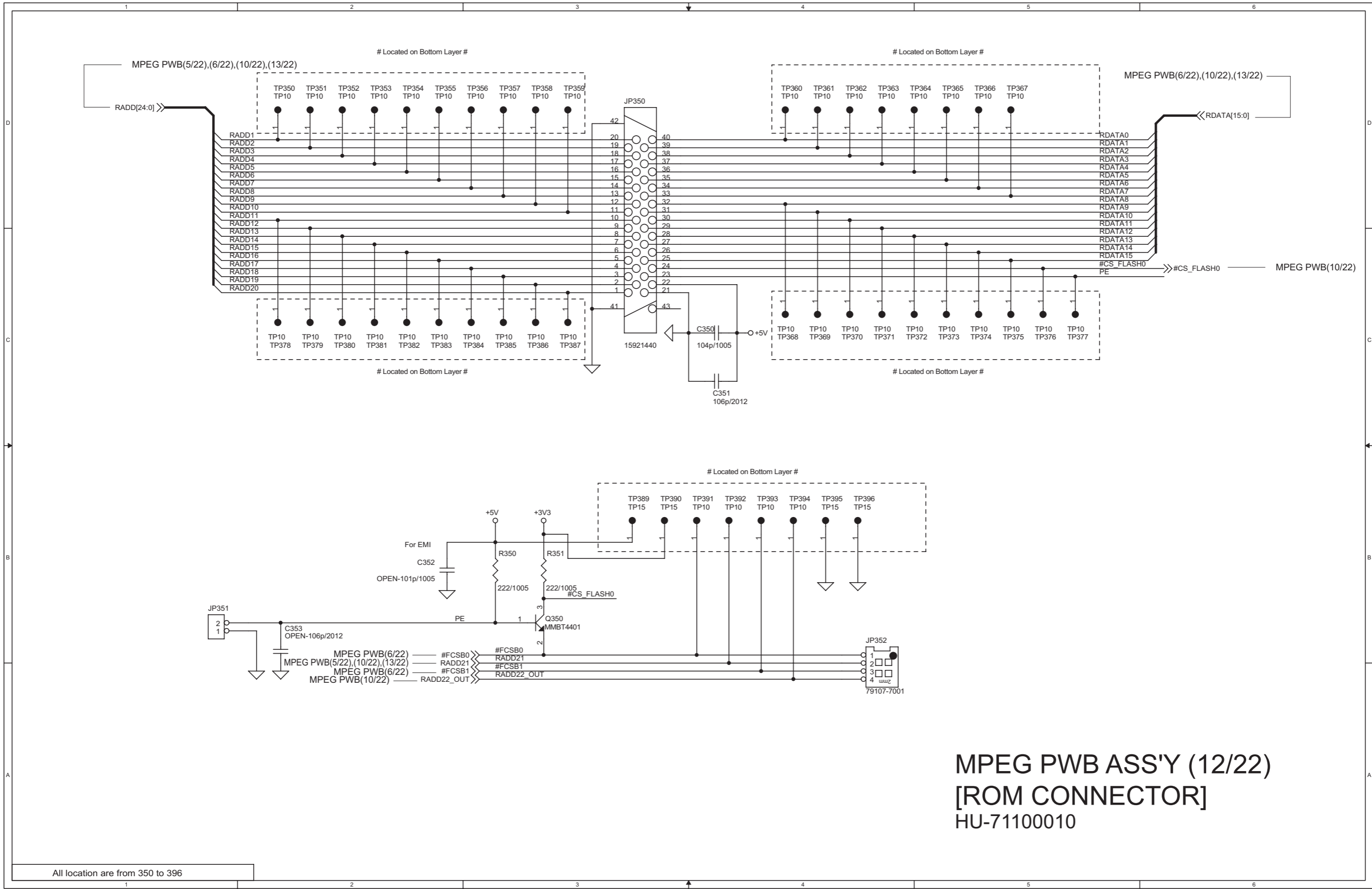


MPEG PWB ASS'Y (9/22)
[EMMA POWER]
HU-71100010



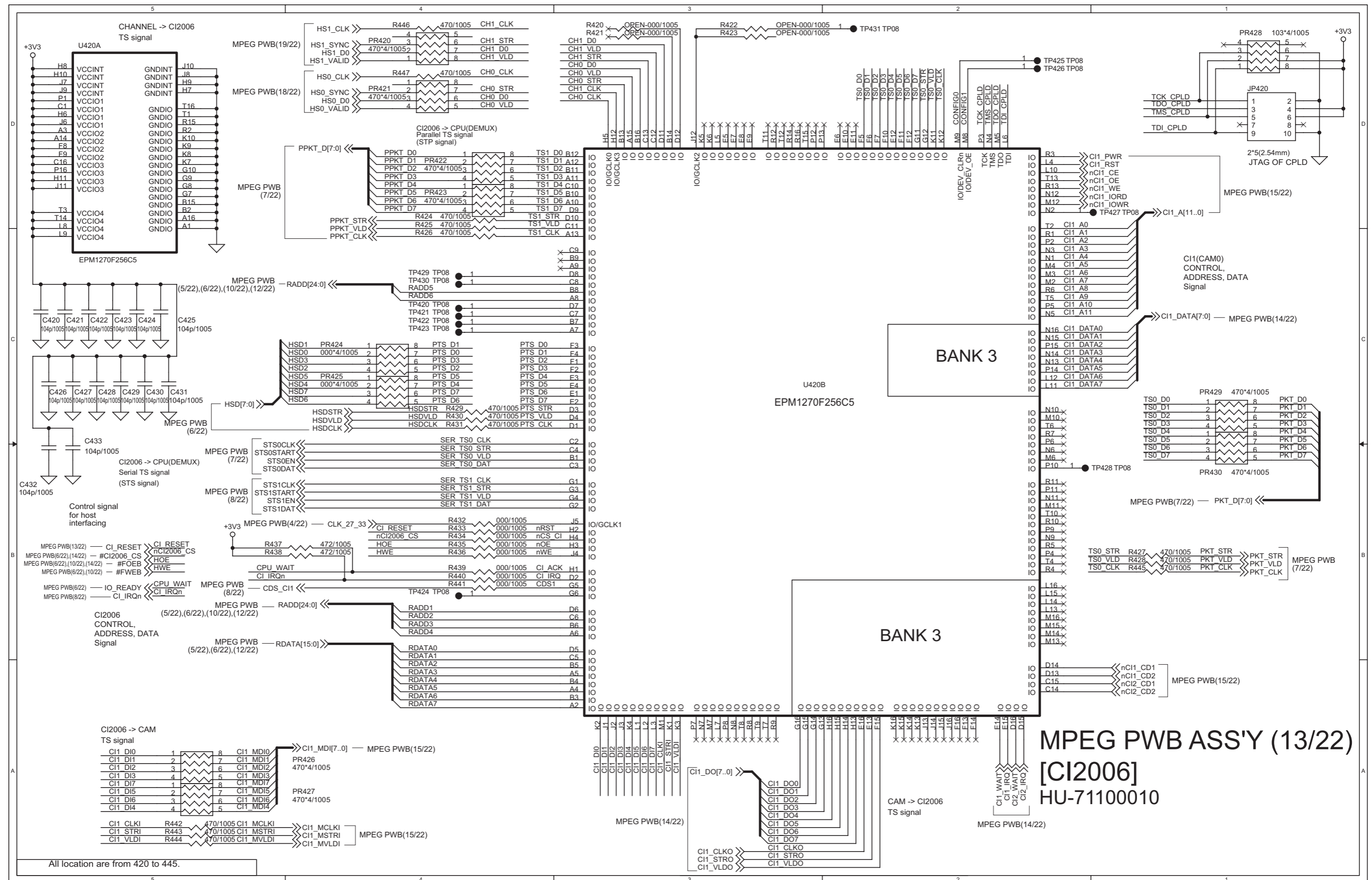


MPEG PWB ASS'Y (11/22)
[SDRAM]
HU-71100010

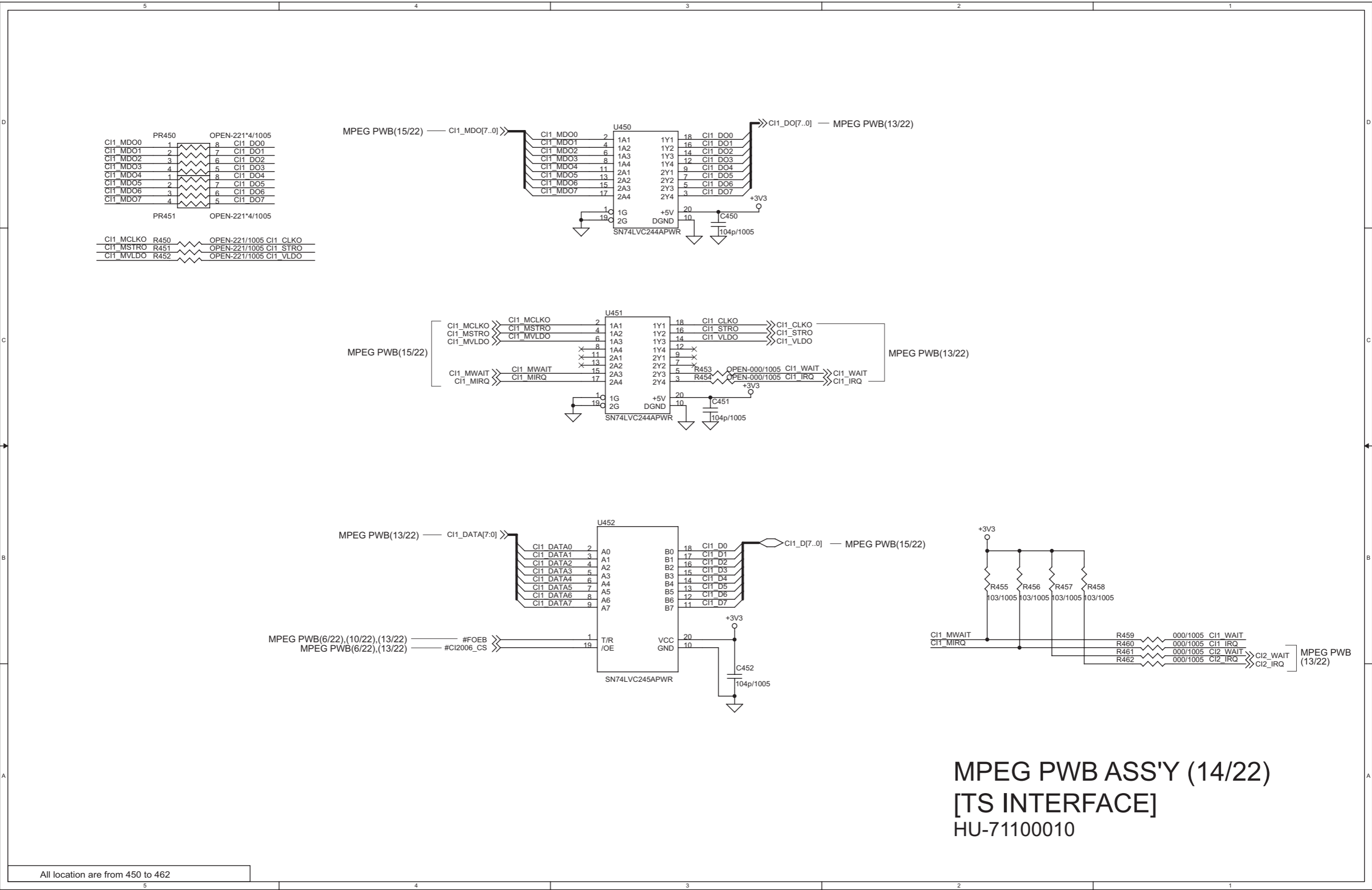


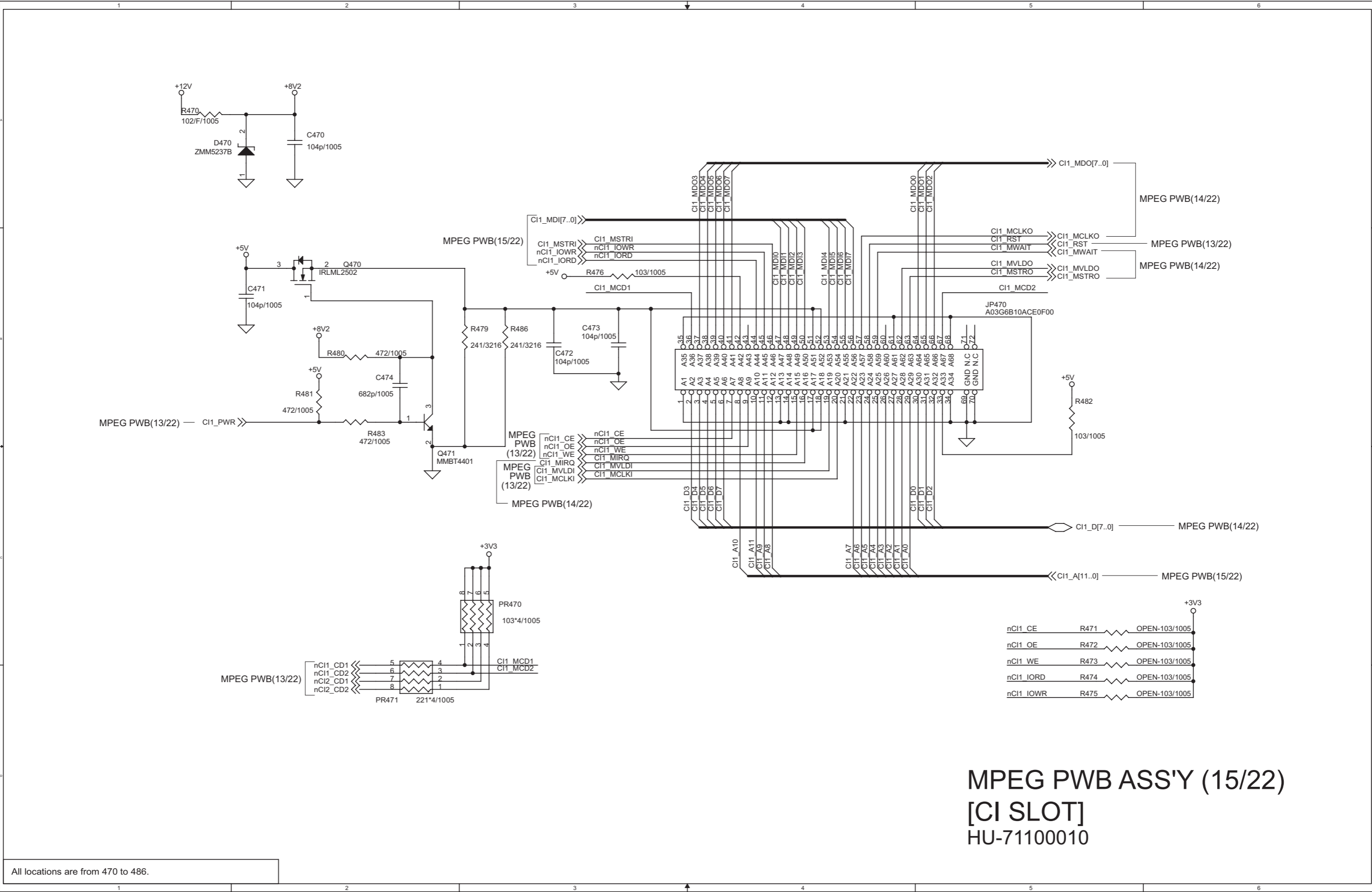
MPEG PWB ASS'Y (12/22)
[ROM CONNECTOR]
HU-71100010

MPEG PWB CIRCUIT DIAGRAM (13/22) [CI2006]



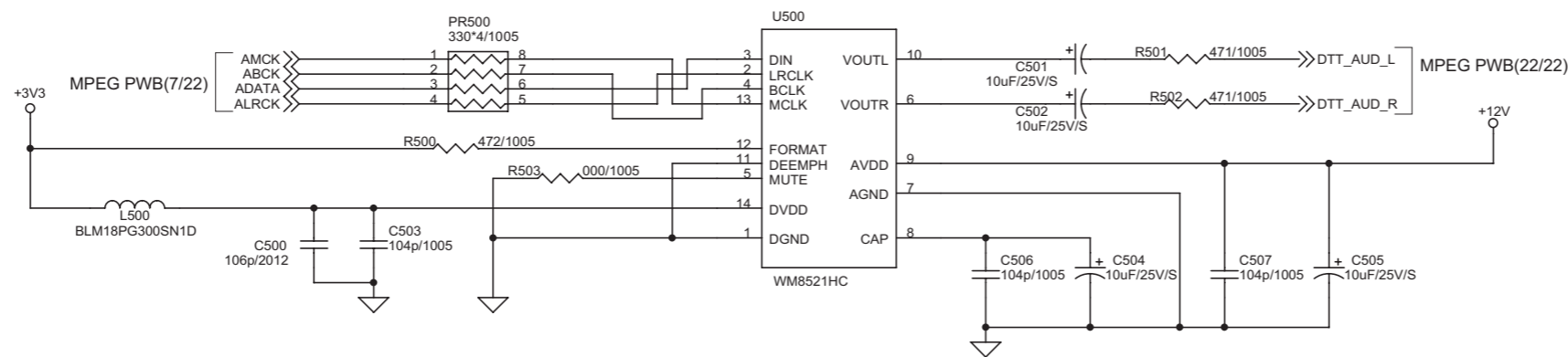
MPEG PWB CIRCUIT DIAGRAM (14/22) [TS INTERFACE]





MPEG PWB ASS'Y (15/22)
[CI SLOT]
HU-71100010

All locations are from 470 to 486.



* MODE SETTING *

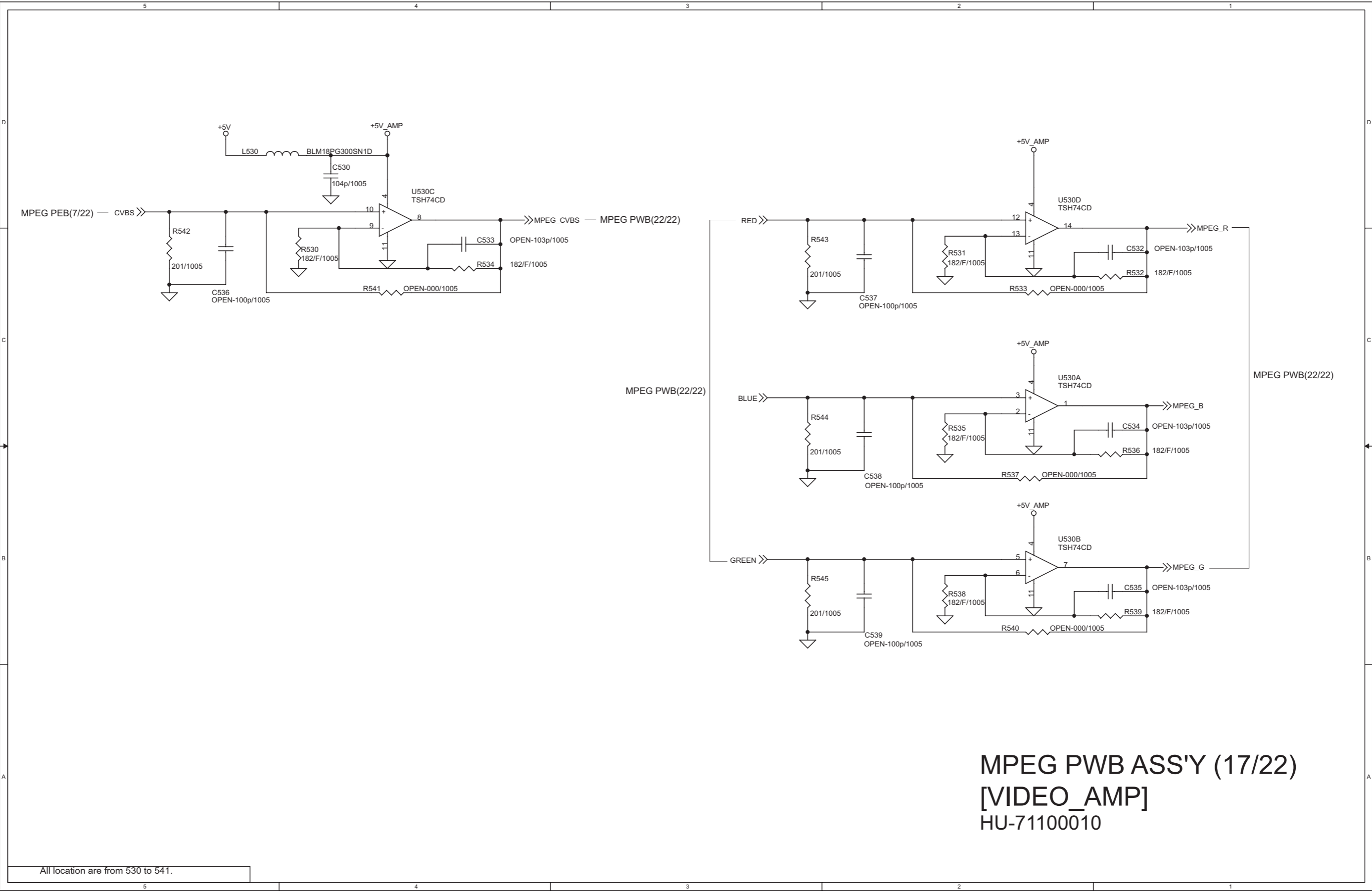
MODE SETTING	
SAMPLING	256FS
FORMAT	I2S

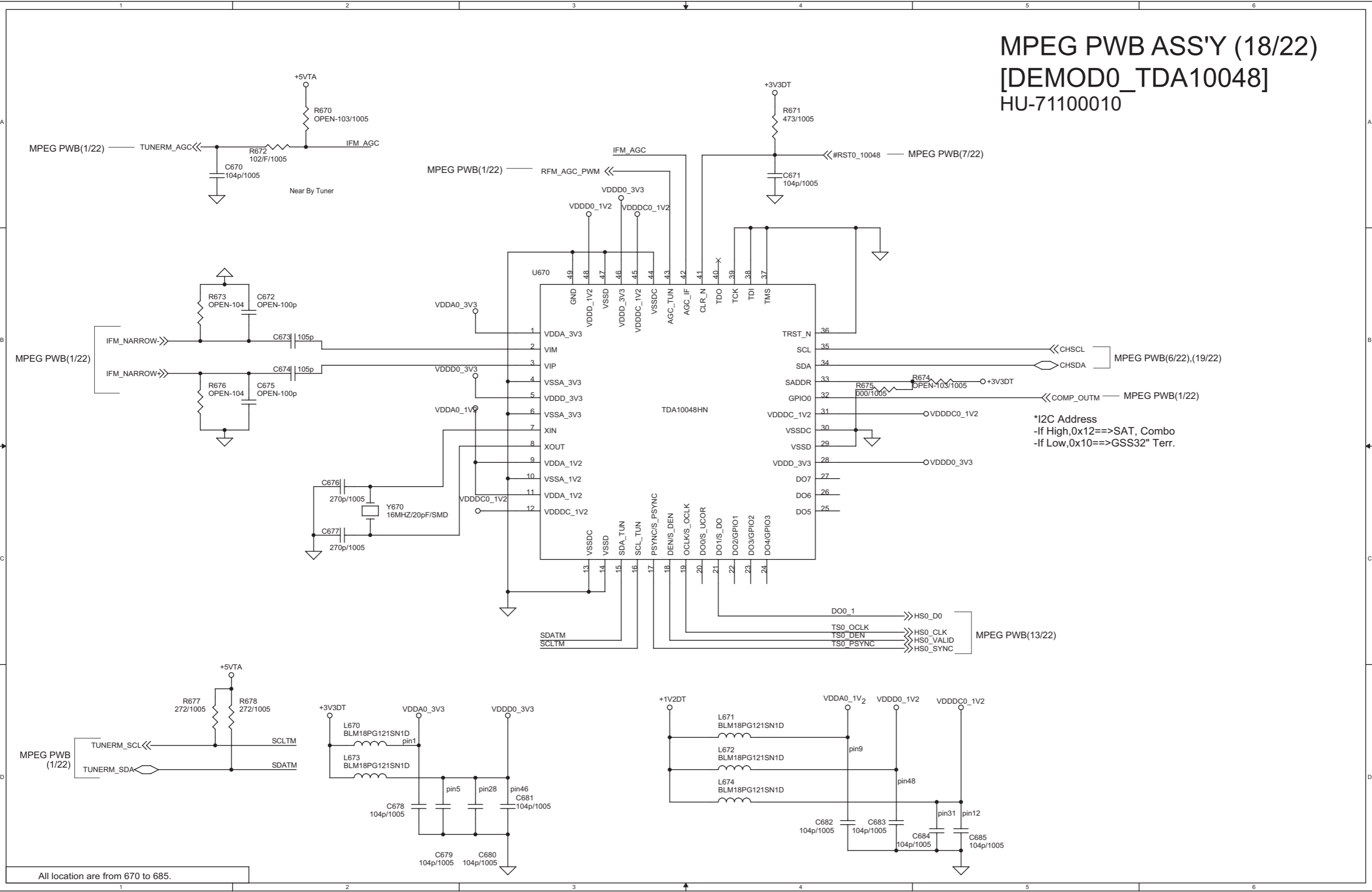
* MUTE CONTROL *

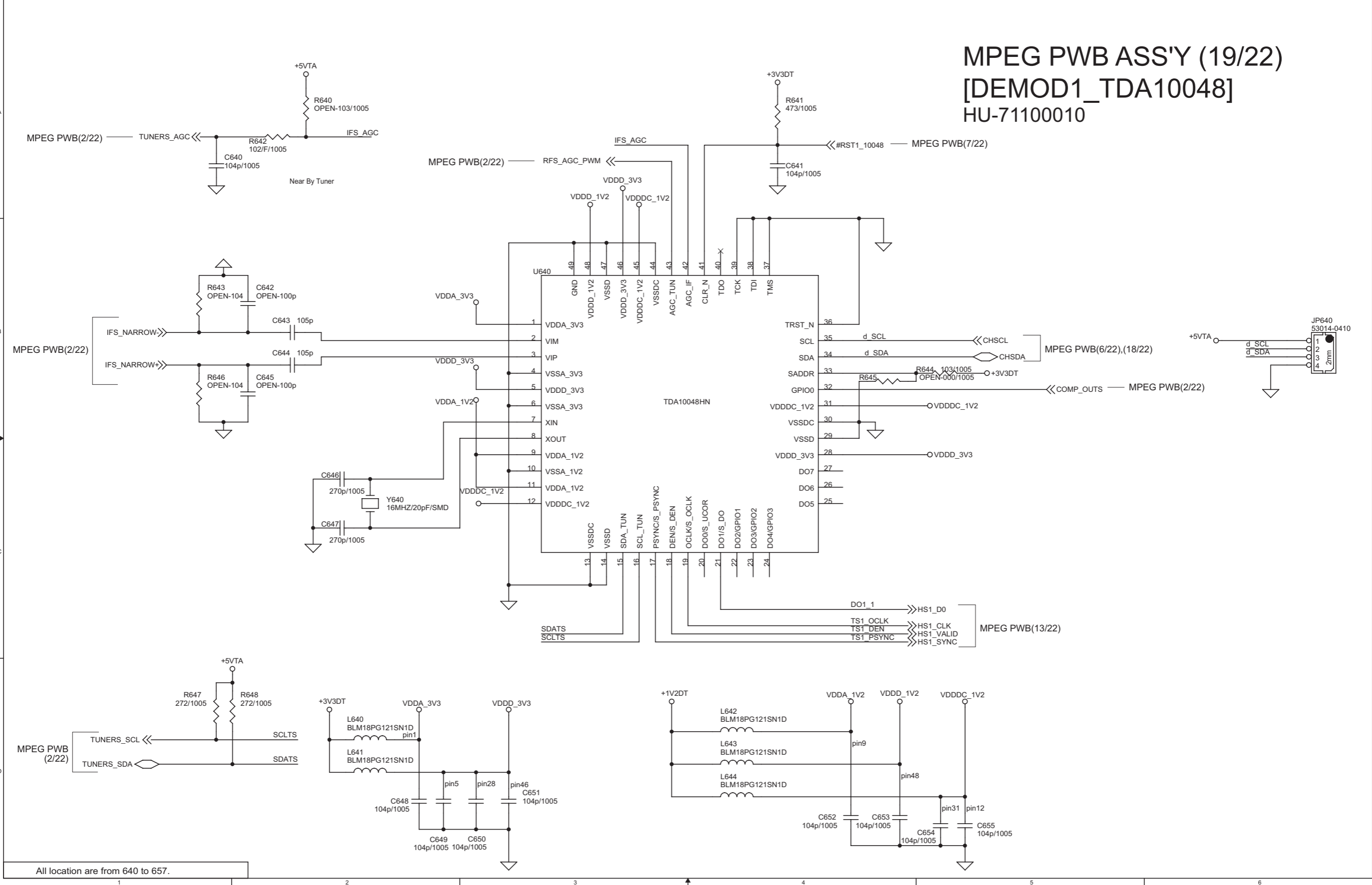
MUTE	FUNCTION
LOW	MUTE OFF
HIGH	MUTE ON

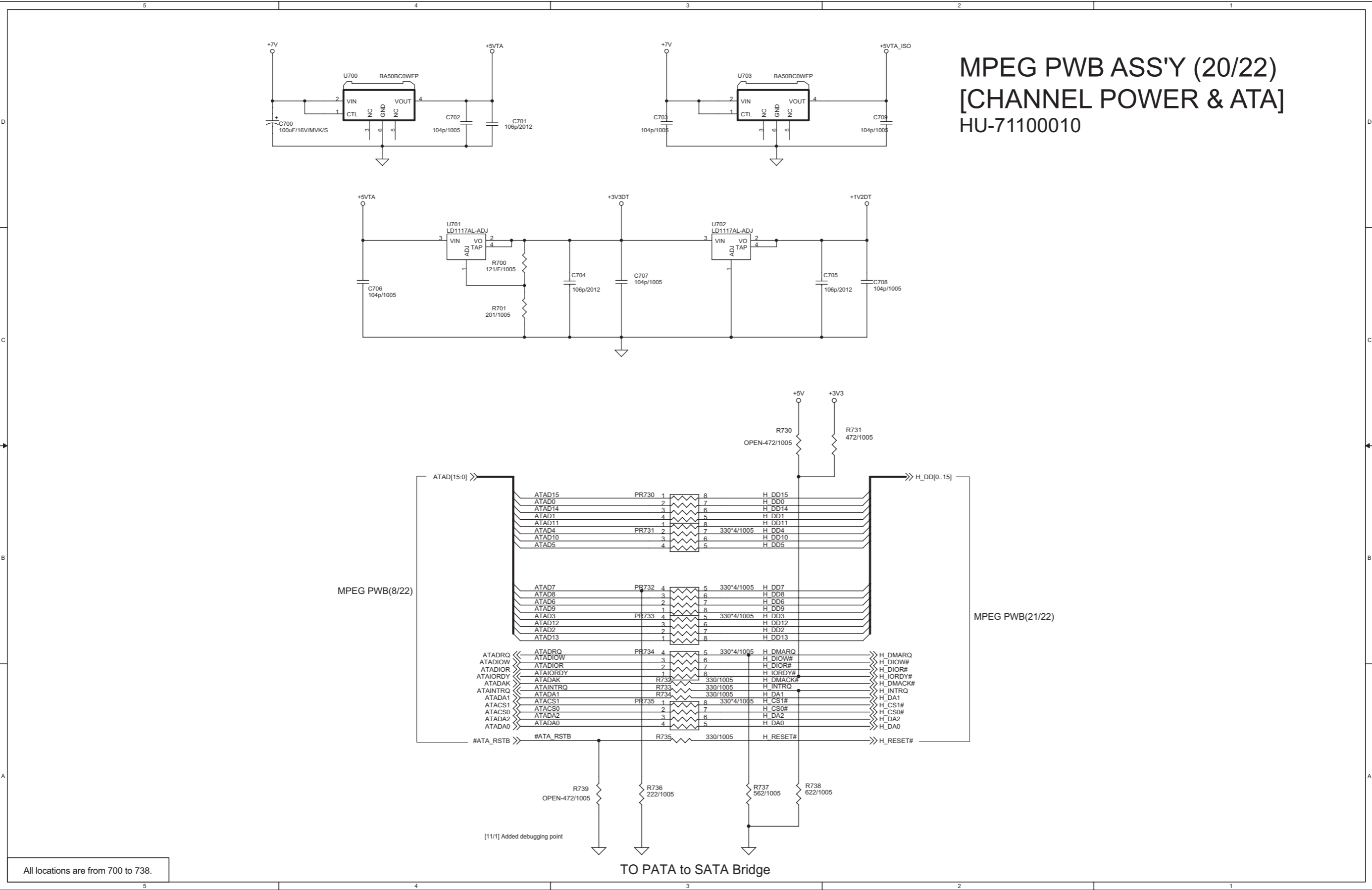
MPEG PWB ASS'Y (16/22)
[AUDIO DAC]
HU-71100010

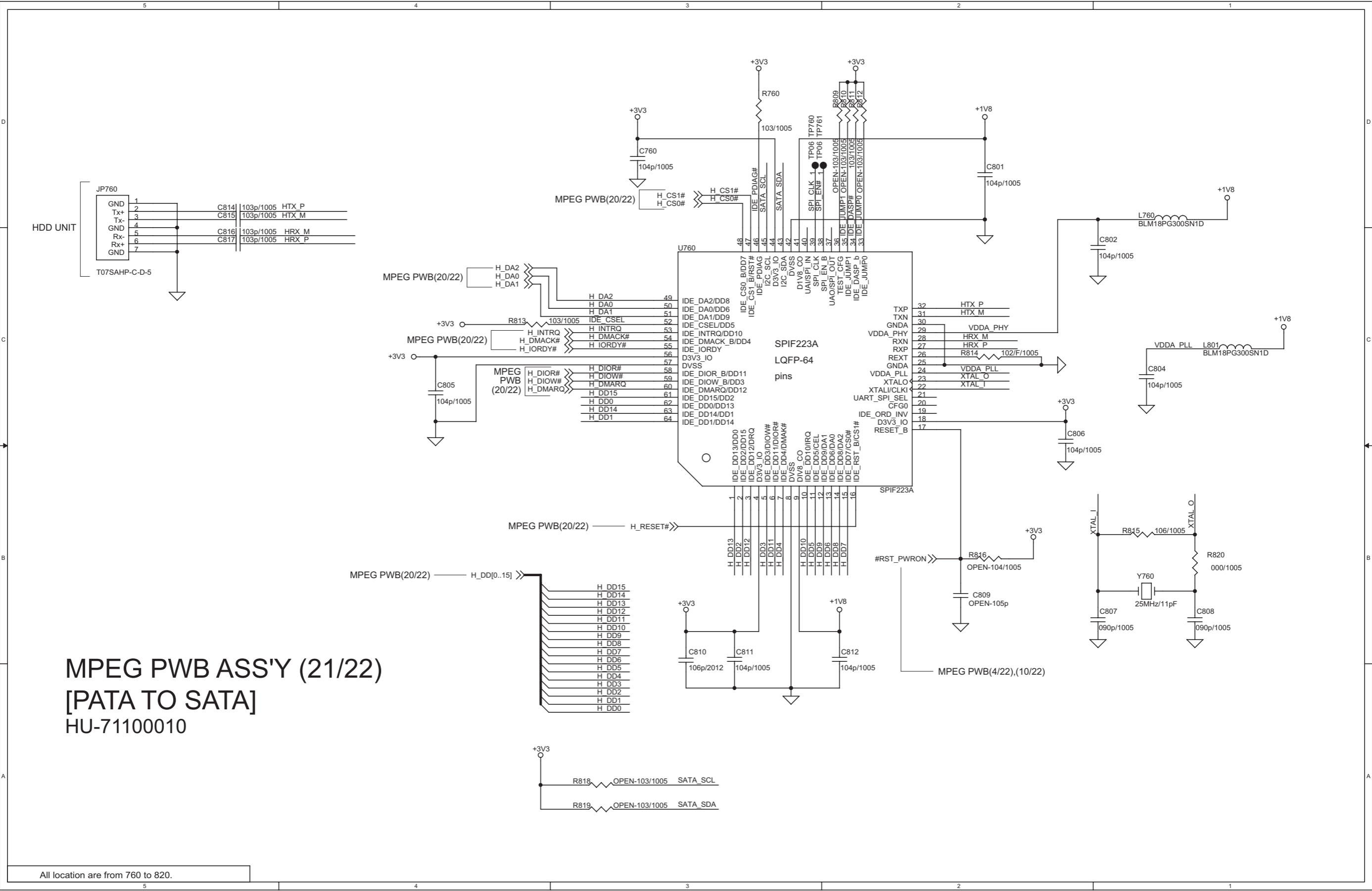
All location are from 500 to 507.

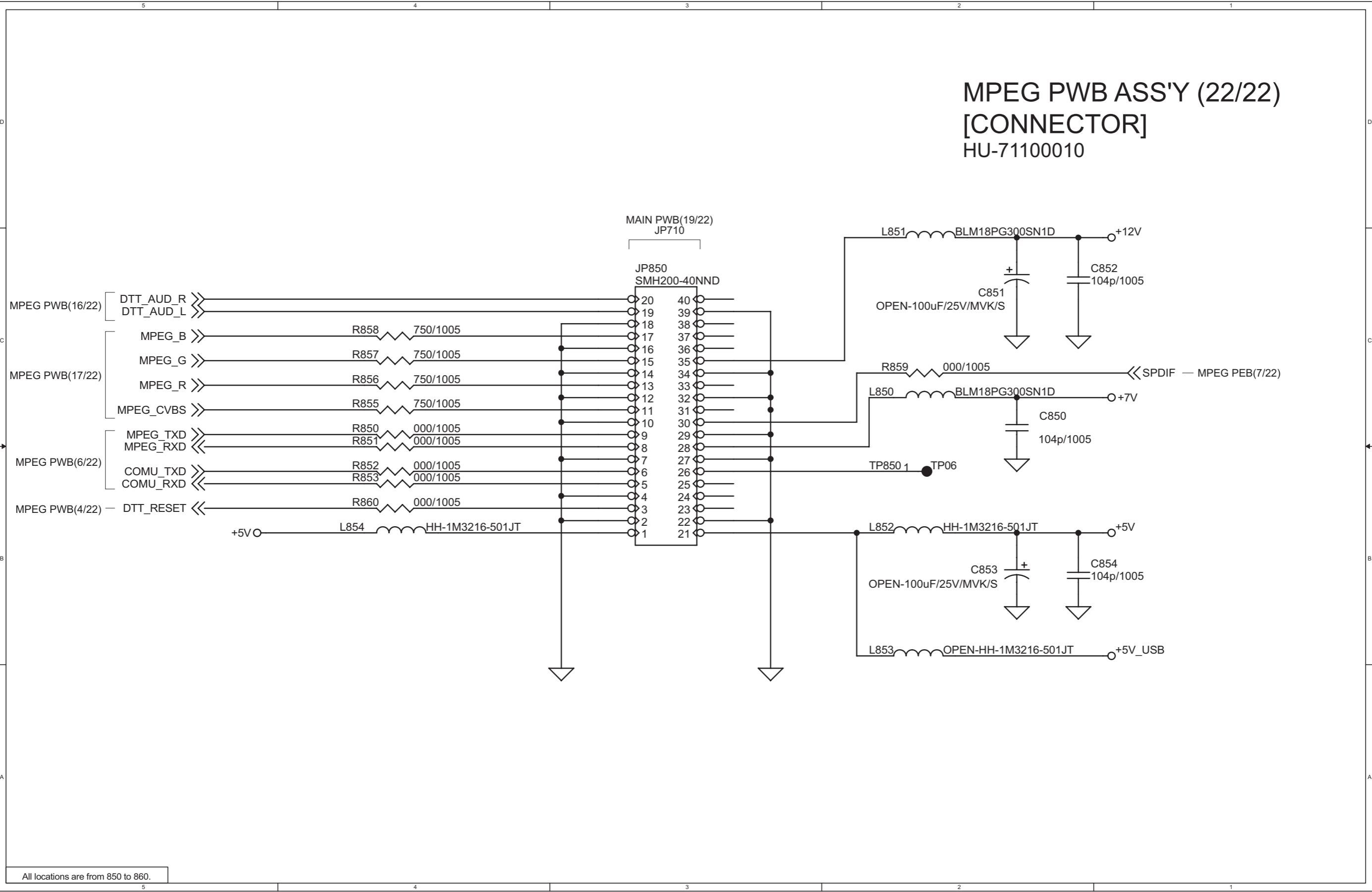


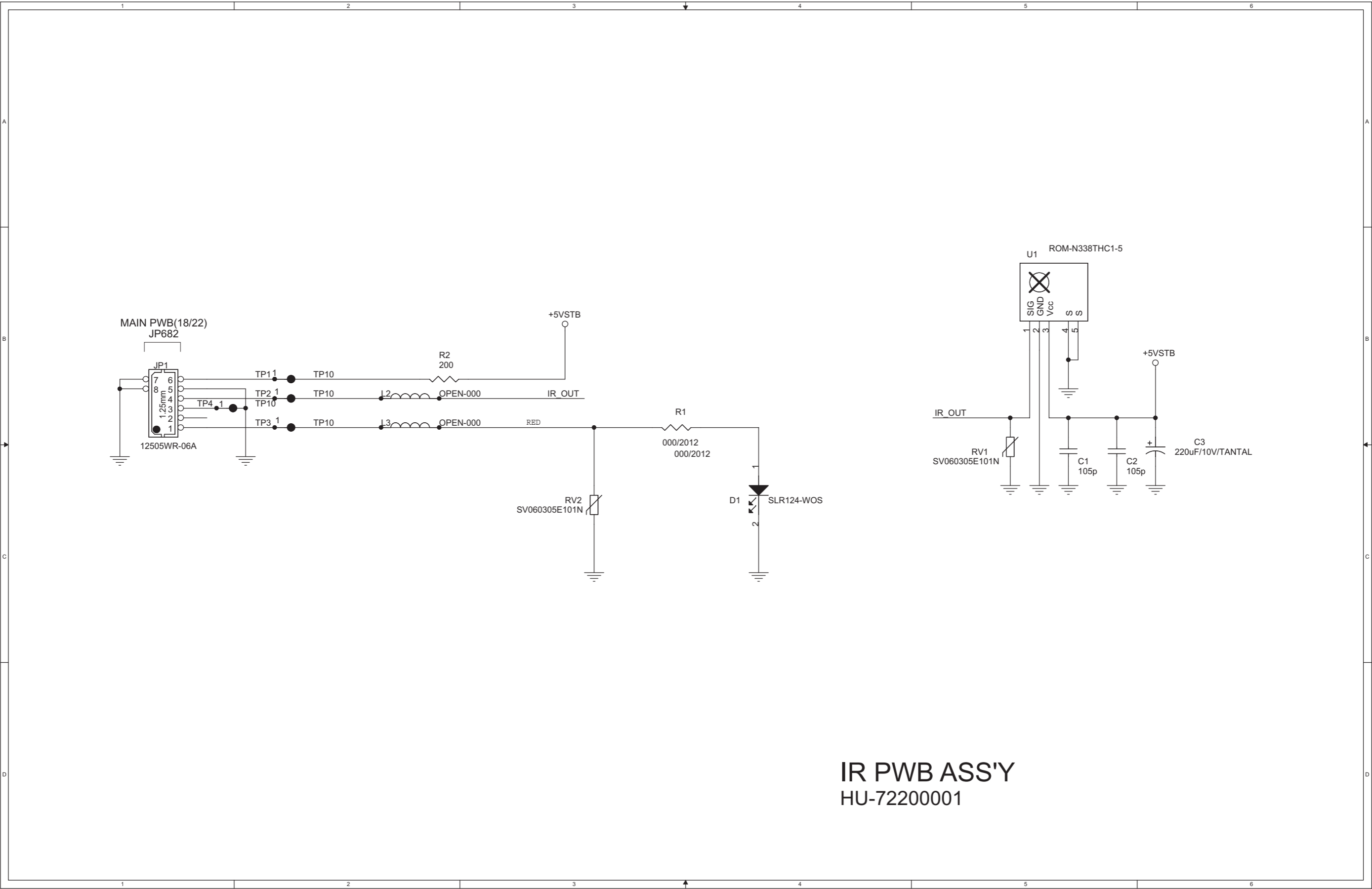






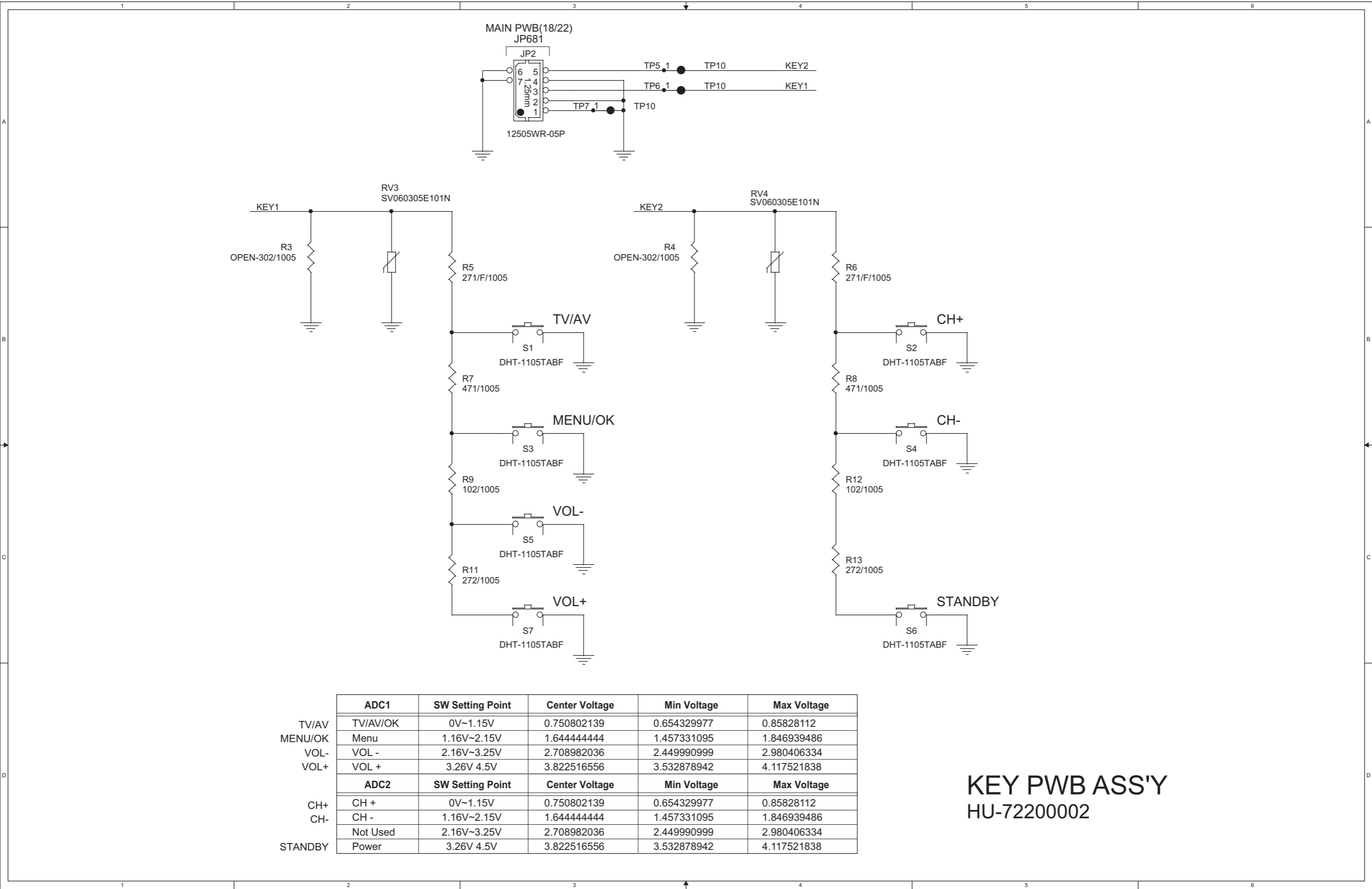






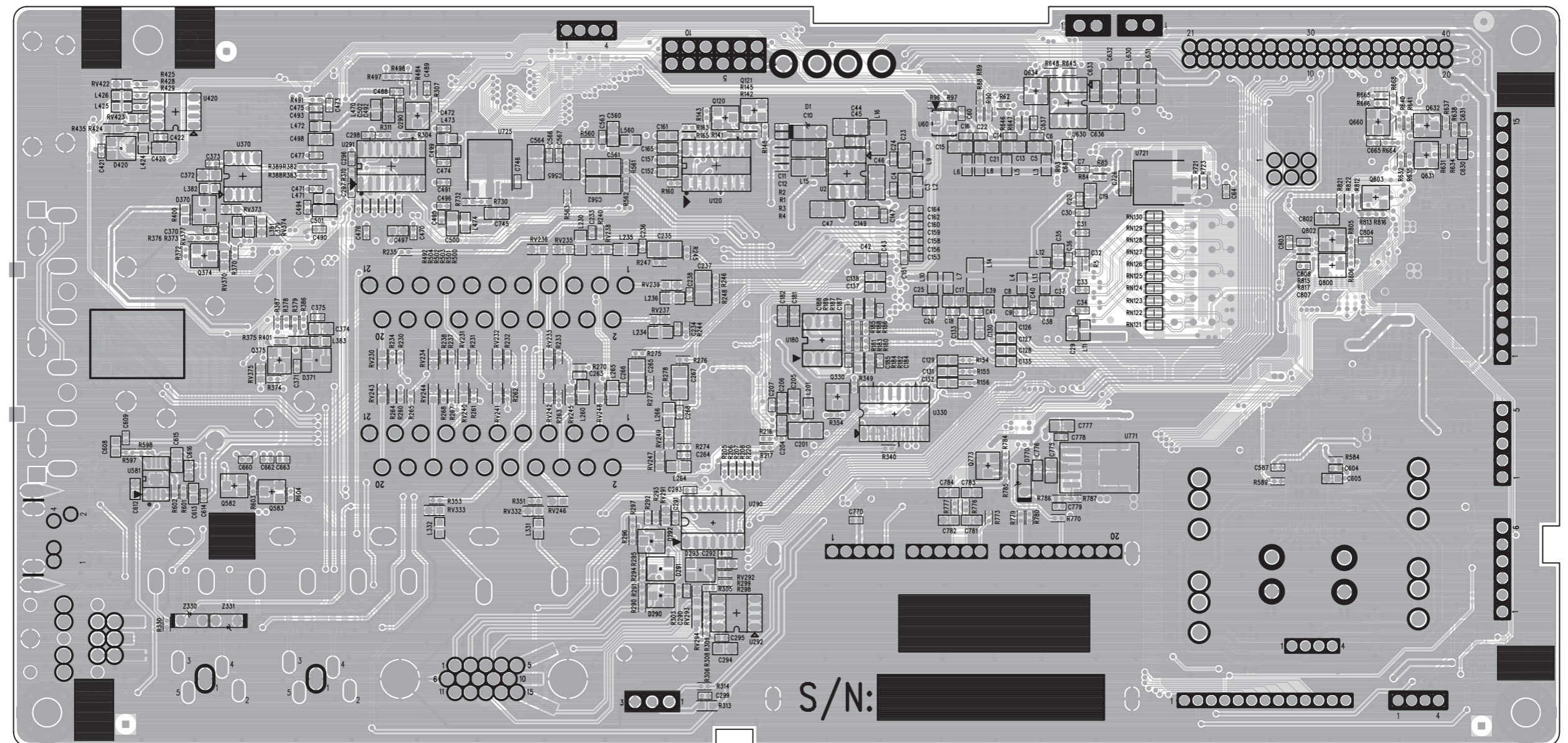
IR PWB ASS'Y
HU-72200001

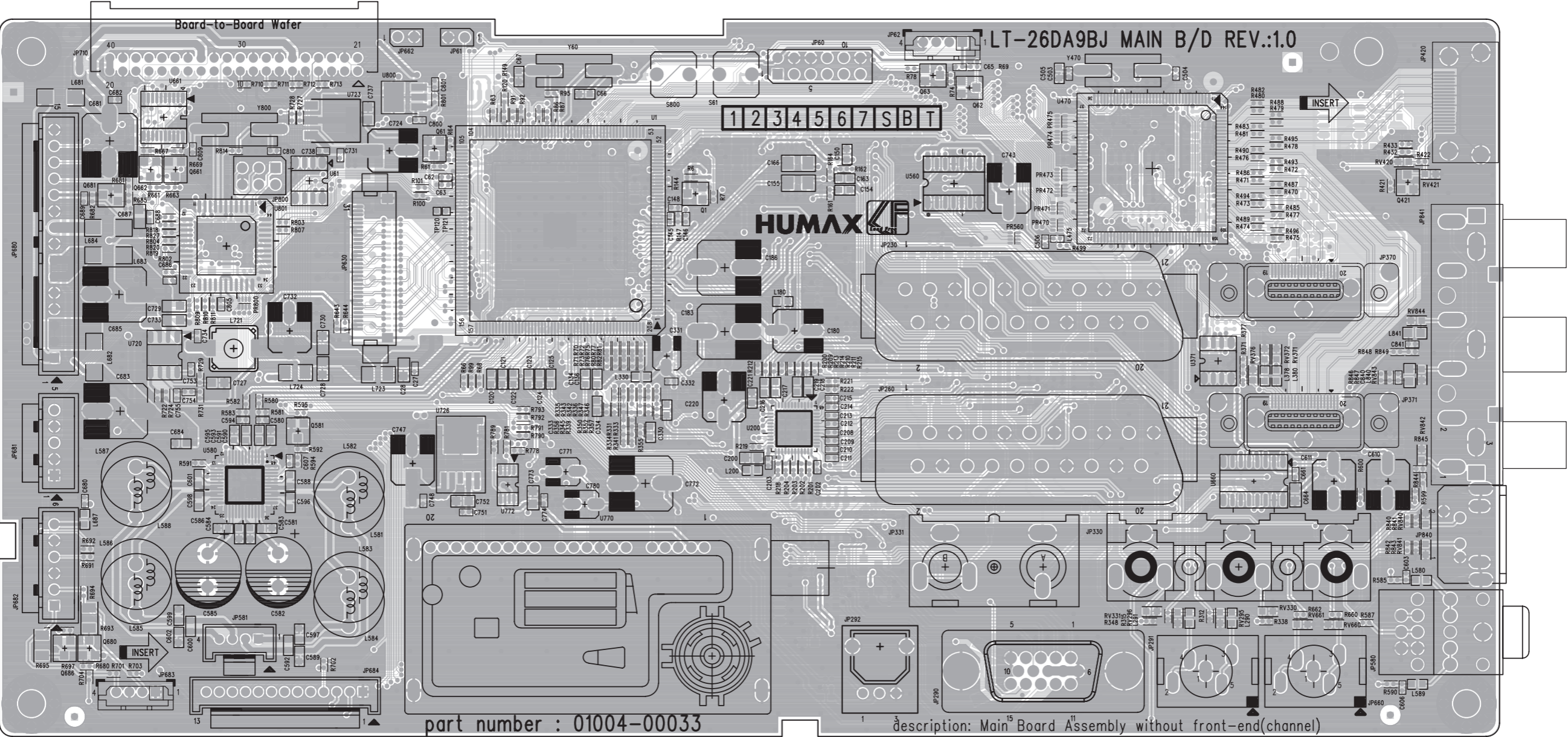
KEY PWB CIRCUIT DIAGRAM



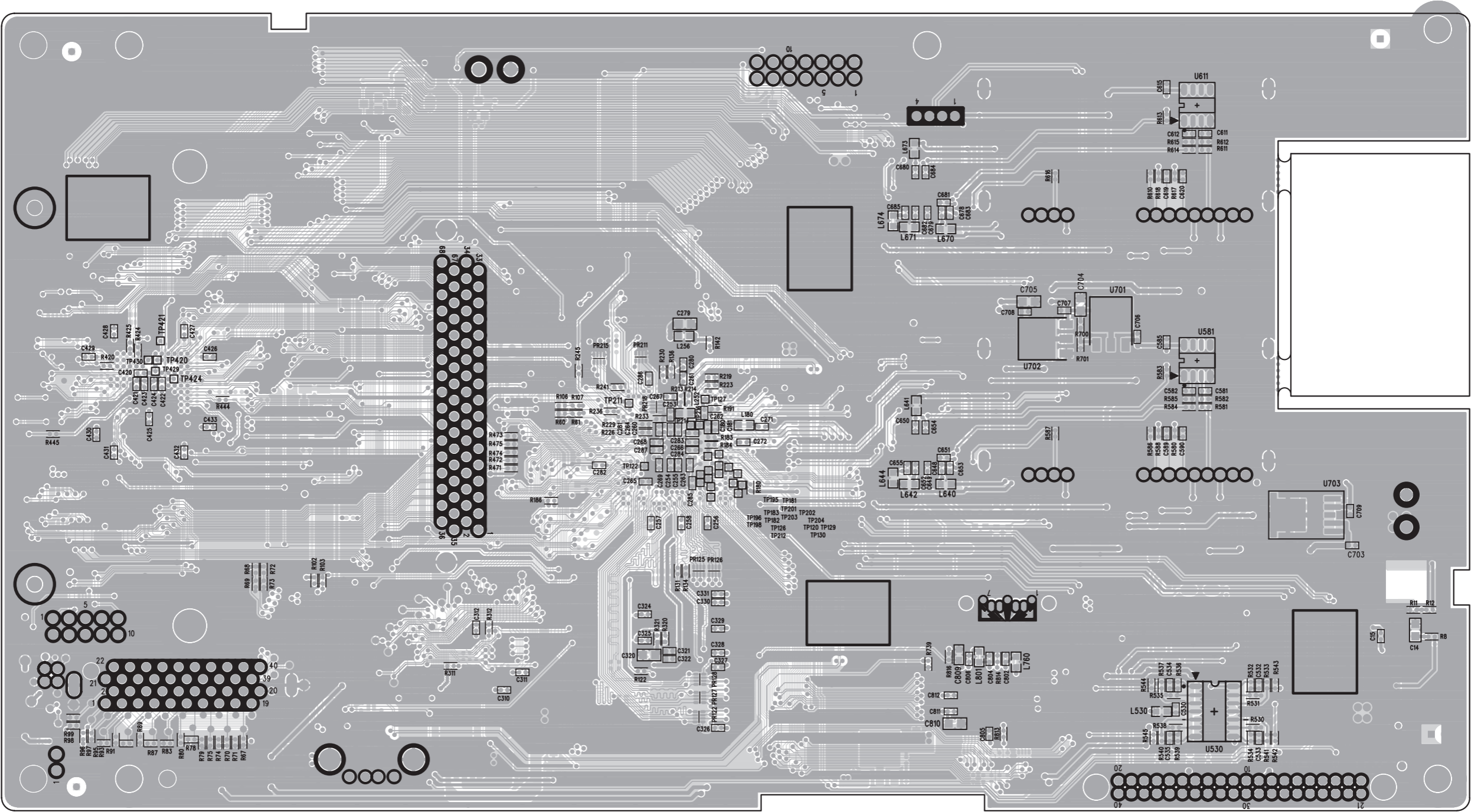
KEY PWB ASS'Y
HU-72200002

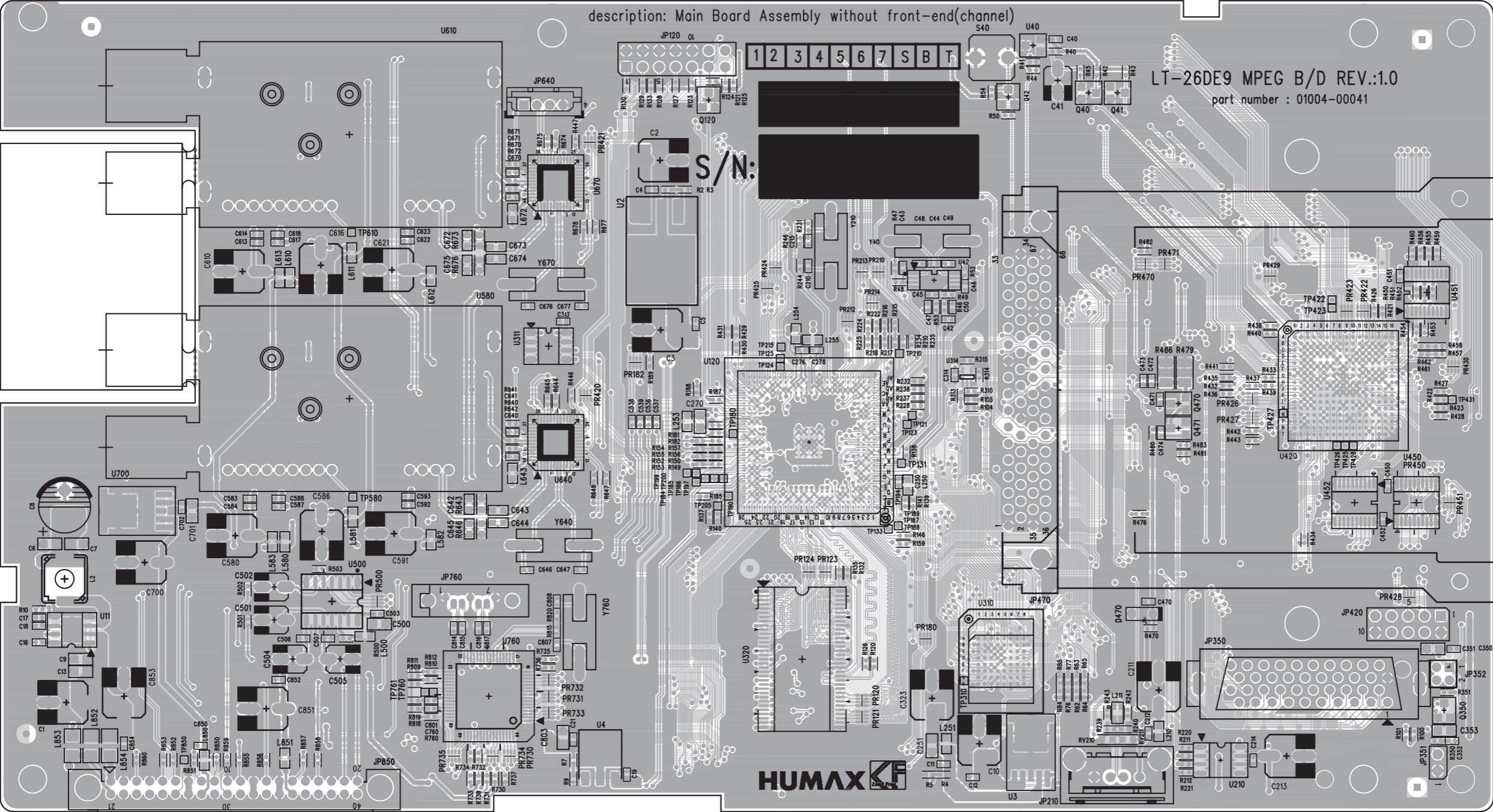
MAIN PWB PATTERN [SOLDER SIDE]





TOP
↑





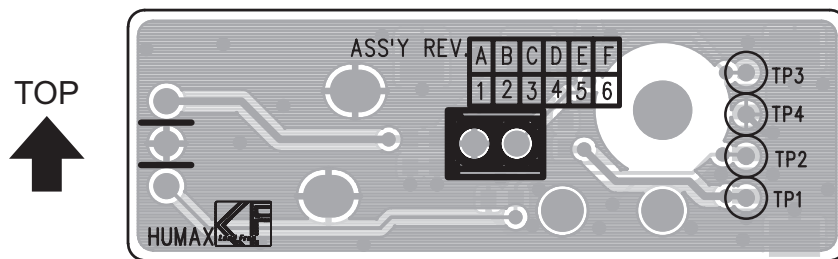
description: Main Board Assembly without front-end(channel)

LT-26DE9 MPEG B/D REV.:1.0
part number : 01004-00041

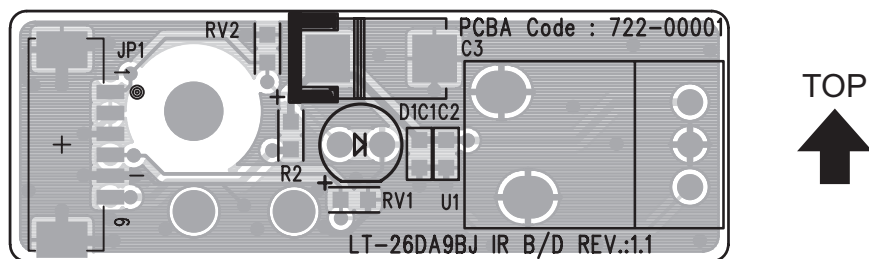
TOP
↑

Board-to-Board Housing

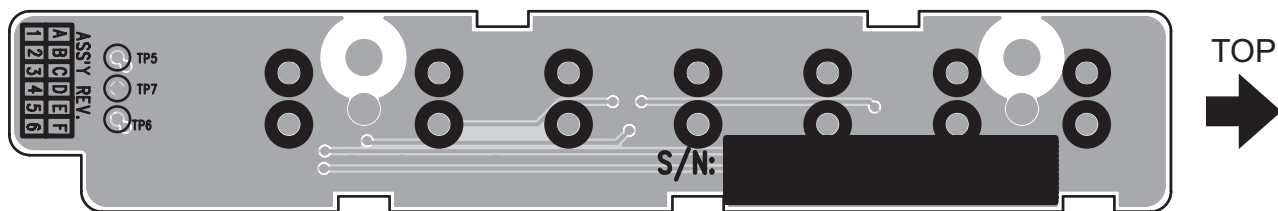
IR PWB PATTERN [SOLDER SIDE]



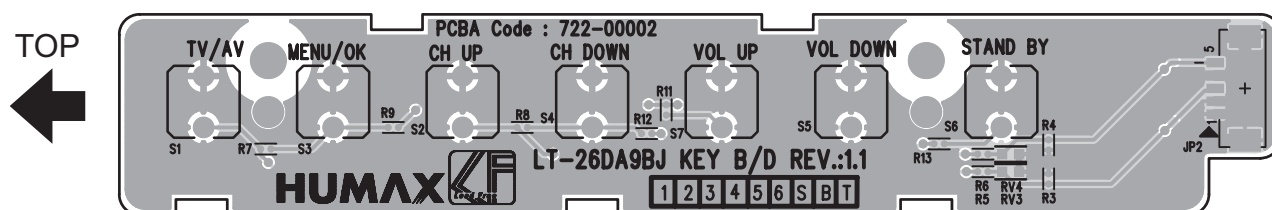
IR PWB PATTERN [PARTS SIDE]



KEY PWB PATTERN [SOLDER SIDE]



KEY PWB PATTERN [PARTS SIDE]





Victor Company of Japan, Limited
Display Division 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

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