

SHARP SERVICE MANUAL

No. S70M452T-C32/42BG1X (H)



LED BACKLIGHT TV

MODEL :2T-C32BG1X :2T-C42BG1X

For HongKong

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Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SAFETY PRECAUTION

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IMPORTANT SERVICE SAFETY PRECAUTION

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

WARNING

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

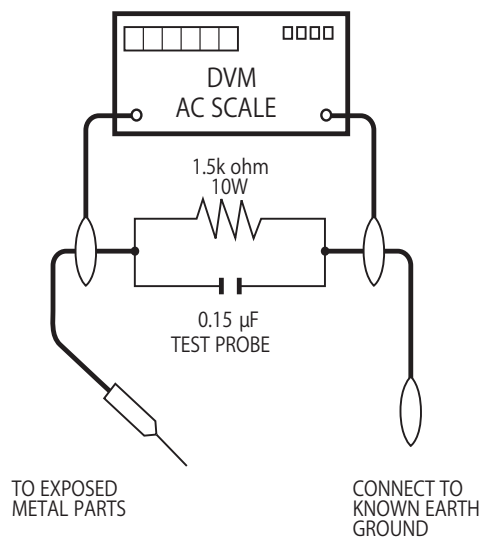
BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

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

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110-240 volt AC outlet.
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
 - Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
 - Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.74 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

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

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

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

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

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

PRECAUTIONS FOR USING LEAD-FREE SOLDER

Employing lead-free solder

- “PWBs” of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:



Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.



Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

PARTS CODE	PRICE RANK	PART DELIVERY	DESCRIPTION
ZHNDai123250E	BL	J	0.3mm 250g (1roll)
ZHNDai126500E	BK	J	0.6mm 500g (1roll)
ZHNDai12801KE	BM	J	1.0mm 1kg (1roll)

CHAPTER 1. OUTLINE**[1] MAJOR SERVICES PARTS****OUTLINE****MAJOR SERVICE PARTS**

No	Part Code	Description	Note
PRINTED WIRING BOARD ASSEMBLIES			
	2T-C32BG1X (H)		
N	DKEYMG985FM15	MAIN UNIT (FOR HK)	
N	DUNTKG800FM03	POWER UNIT	
N	DUNTKG811FM02	LED/IR UNIT	
N	RUNTKB753WJN1	WIFI UNIT	
N	KSETLA754WJ81	DTMB UNIT	
N	QCNW-R188WJPZ	LED BL WIRE	
N	QCNW-R201WJPZ	LED IR WIRE	
N	QCNW-R202WJPZ	PD WIRE	
N	QCNW-R794WJPZ	LVDS FFC	
N	QCNW-R994WJPZ	WIFI WIRE	
N	QCNW-R996WJPZ	5V WIRE	
N	QCNW-R997WJPZ	DTMB FFC	
N	QCNW-S002WJPZ	RF WIRE	
	2T-C42BG1X (H)		
N	DKEYMG985FM35	MAIN UNIT (FOR HK)	
N	RUNTKB752WJQZ	POWER UNIT	
N	DUNTKG677FM03	LED/IR UNIT	
N	RUNTKB753WJN1	WIFI UNIT	
N	KSETLA754WJ81	DTMB UNIT	
N	QCNW-R909WJPZ	LED BL WIRE	
N	QCNW-P415WJN1	LED IR WIRE	
N	QCNW-R915WJPZ	PD WIRE	
N	QCNW-R916WJPZ	LVDS FFC	
N	QCNW-R994WJPZ	WIFI WIRE	
N	QCNW-R996WJPZ	5V WIRE	
N	QCNW-R998WJPZ	DTMB FFC	
N	QCNW-S002WJPZ	RF WIRE	

LCD PANEL MODULE UNIT			
	2T-C32BG1X (H)		
N	R1LK315T3HC60T	TFT LCD OPEN CELL	
N	CLCDTA700WEA2	PANEL ASSEMBLY	
N	RUNTKB594WJN1	LED BAR	
	2T-C42BG1X (H)		
N	R1JE415D3HA00S	TFT LCD OPEN CELL	
N	CLCDTA575WEA2	PANEL ASSEMBLY	
N	RUNTKB767WJZZ	LED BAR	

CHAPTER 2. SPECIFICATION**[1] SPECIFICATION****Specifications**

Item		Model	2T-C32BG1X	2T-C42BG1X
LCD panel			80 cm	105 cm
Resolution			1,049,088 pixels (1366 × 768)	2,073,600 pixels (1920 × 1080)
Video colour system			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60	
TV Function	TV-standard	Analogue	PAL: B/G, D/K, I SECAM: B/G, D/K, K/K1 NTSC: M	
		Digital	DTMB	
	Receiving Channel	VHF/UHF	44.25—863.25 MHz	
		CATV	S1—S41 ch (including Hyperband)	
		DTV	52.50—866.00 MHz	
	TV-tuning system		Auto Preset	
STEREO/BILINGUAL		NICAM: B/G, I, D/K A2 stereo: B/G MTS: M		
Audio amplifier			7.5 W × 2	
Terminals	ANT (Antenna input)	Analogue	UHF/VHF 75 Ω DIN type	
		Digital		
	SERVICE ONLY		φ 3.5 mm jack	
	INPUT 1 HDMI		HDMI (HDMI input)	
	INPUT 2 HDMI		HDMI (HDMI input)	
	AV IN		AUDIO in, VIDEO in	
	USB 1		USB (DC5V 0.5A output)	
	USB 2		USB (DC5V 1.5A output)	
	LAN (10/100 BASE-T)		Network connector	
OUTPUT		Headphone (φ 3.5 mm stereo)		
OSD language		English/Simplified Chinese/Traditional Chinese/Hong Kong Chinese/ Arabic/French/Portuguese/Russian/Persian/Thai/Vietnamese/Indonesia/ Hebrew/Hindi/Malay		
		English/Simplified Chinese/Traditional Chinese (For DTV-HK)		
Power requirement		AC 110 – 240 V, 50/60 Hz		
Power consumption		57 W (0.5 W Standby)	88 W (0.5 W Standby)	
Dimensions	without stand	731 (W) × 466 (H) × 75 (D) mm	956 (W) × 569 (H) × 81 (D) mm	
	with stand	731 (W) × 519 (H) × 195 (D) mm	956 (W) × 607 (H) × 239 (D) mm	
Weight without stand (with stand)		5.0 kg (5.1 kg)	7.8 kg (8.0 kg)	
Operating temperature		0°C to + 40°C		

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

CAUTION

- Installing the Liquid Crystal Television requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. SHARP bears no responsibility for improper mounting or mounting that results in accident or injury.
- Carefully read the instructions that come with the bracket before beginning work.

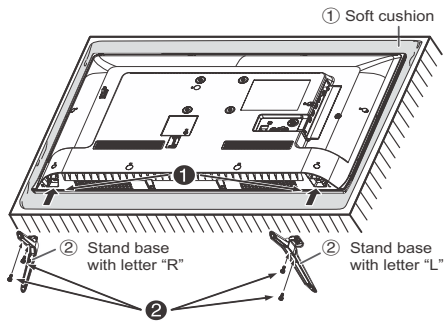
CHAPTER 3. OPERATION

[1] OPERATION

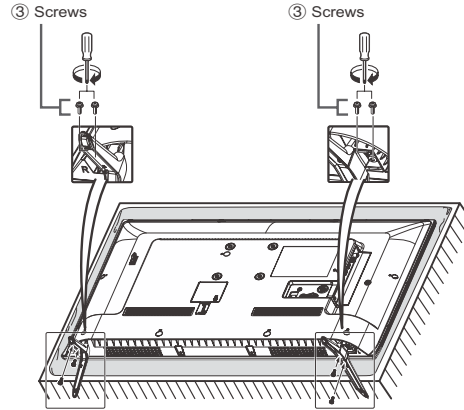
Attaching the stand unit

■ 2T-C32BG1X

1

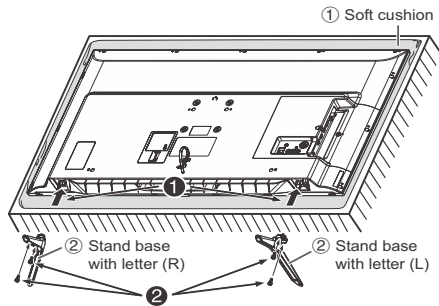


2

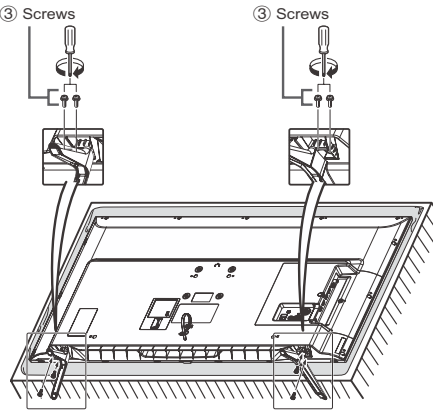


■ 2T-C42BG1X

1



2



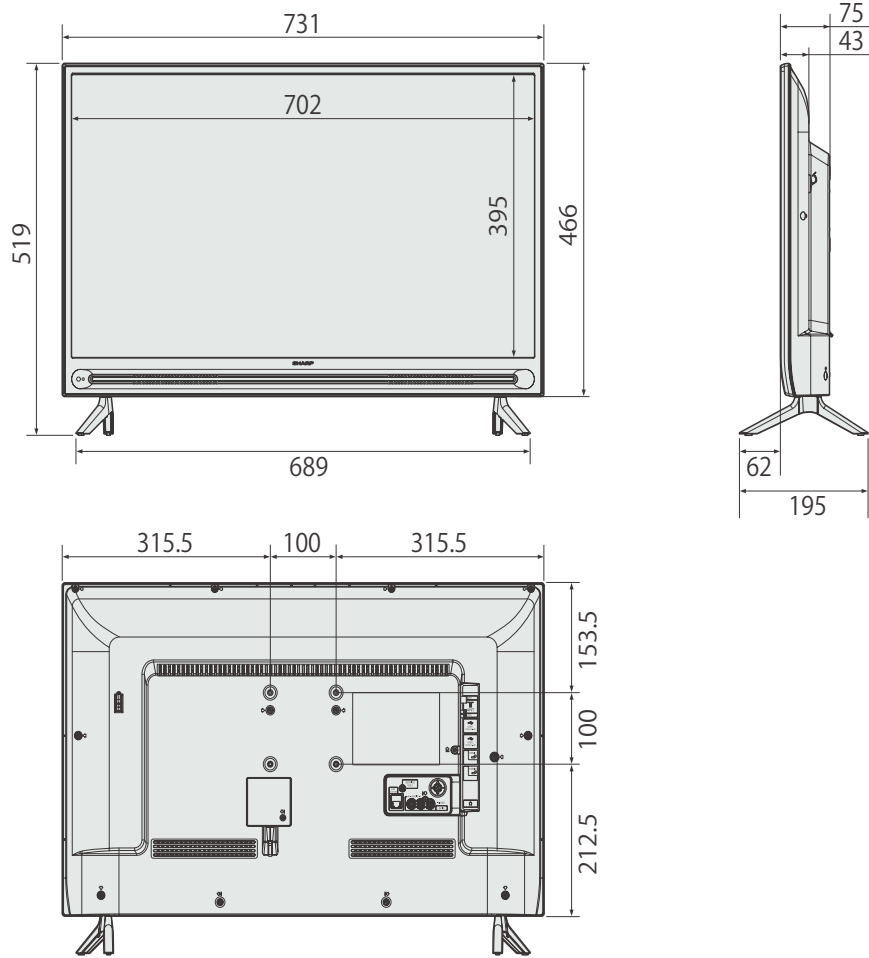
CHAPTER 4. DIMENSION

[1] DIMENSION

Dimensional Drawing

2T-C32BG1X

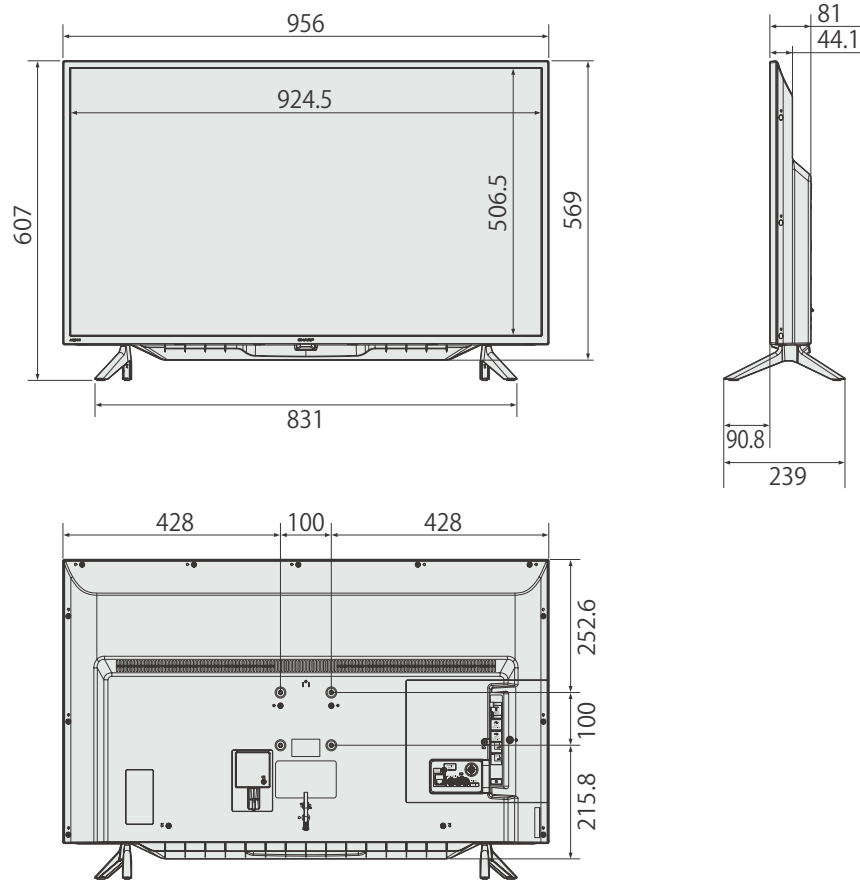
Unit : mm



Dimensional Drawing (Continued)

2T-C42BG1X

Unit : mm



CHAPTER 5. ADJUSTMENT

[1] ADJUSTMENT

[1] ADJUSTMENT PROCEDURE

1. Entering and cancel the adjustment process mode

- 1) Plug in the AC cord to turn on the power. Press the tools button at R/C.
- 2) At TV option, select advanced option and press special code "8678", it will enter to factory service menu.
- 3) To exit, just press << button.

2. Remote controller key operation and description of display in adjustment process mode.

1. key operation

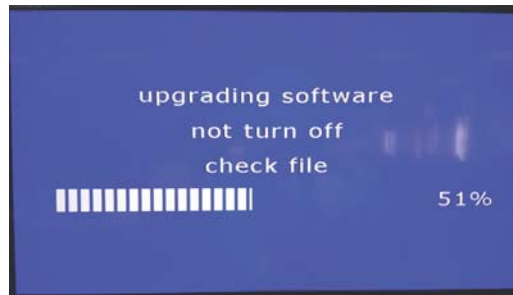
Remote controller key	Main unit key	Function
CH (▲/▼)	CH (▲/▼)	Changing channel (UP/DOWN)
VOL (+/-)	VOL (+/-)	Changing Volume (UP/DOWN)
Cursor (▲/▼)		Turning a page (PREVIOUS/ NEXT)
Cursor (◀/▶)		Changing a selected line setting (+10/-10)
INPUT button on remote controller	INPUT Button	Input source switching (toggle switching) (DTV - ATV - Co,mposite HDMI1-HDMI 2- HDMI 3
ENTER		Execute item function

* Input mode is switched automatically when relevant adjustment is started so far as the necessary input signal is available.

3. Software Upgrading

Software upgrading using USB.

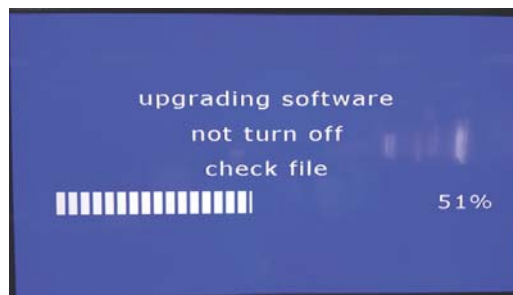
- 1) Plug OFF the LCD TV.
- 2) Insert the USB device to the USB terminal at the LCD TV.
- 3) Plug ON the LCD TV.
- 4) A few second later, the software upgrading will start automatically.



- 5) TV will automatically restart when software is successfully installed.
- 6) LCD TV is running with the latest software.

Software upgrading using Remote Control.

- 1) Make sure LCD TV is turn ON.
- 2) Insert the USB device to the USB terminal at the LCD TV.
- 3) Use below menu procedure to start upgrading software version.
 - I. Tools(R/C button) >> Setting >> Device Preference >> About >> System Update
 - II. Insert the USB memory device containing the software update file >> OK
- 4) A few second later, the software upgrading will start automatically.



- 5) TV will automatically restart when software is successfully installed.
- 6) LCD TV is running with the latest software.

LCD-TV ADJUSTMENT ITEM

1. MICON SOFTWARE DATA INPUT

- (1) Main MICON/Monitor MICON Software Data Input.
- (2) VCOM ADJUSTMENT.

2. SOFTWARE VERSION

3. WHITE BALANCE/GAMMA ADJUSTMENT

- (1) White Balance Adjustment / GAMMA ADJUSTMENT
 - a) Setting (R/C, COM)
 - b) Auto Adjustment (R/C, COM)

4. KEY DATA INPUT

- (1) MAC ADDRESS DATA INPUT
- (2) Widevine,
- (3) HDCP1.4,
- (4) HASH KEY, KEY MASTER
- (5) PLAYREADY
- (6) NETFLIX MGK ID
- (7) SERIAL NO

5. WRITING THE PANEL SIZE

6. POWER CONSUMPTION

7. INSTRUCTION TO PRODUCTION FOR HONG KONG DTV DONGLE RESET

8. FACTORY SETTING

LCD TV ADJUSTMENT ITEM

1. MICON SOFTWARE DATA INPUT

1) Main MICON/Monitor MICON Software Data Input (Main PWB : QPWBXG985WJZZ)

	ITEM	CONDITION	PROCEDURE
1	Main MICON Data Input (Main PWB)	Checker adjustment File version confirmation	1. Data input by Gang Programmer IC: RH-IXE159WJQZQ Input Data: .bin file (filename will be decided by Software Development Dept.) 2. At checker, confirm the version and perform operation inspection.

2) VCOM ADJUSTMENT

- i. Enter service mode key and go to VCOM/TEST PATTERN Page
- ii. Press “Enter” key (at VCOM)
- iii. Adjust the flicker effect by pressing “CH up/down” of RC key
- iv. Press “Enter” key after get the best value

2. SOFTWARE VERSION

Confirmation on Software version will be done during meeting.

Model	Software Package
2T-C32BG1X(H)	Upgrade_kiwi_vX.XX_no_tvcertificate_user_release.pkg

Main Software Filename : XXXX is Software version

If any changes of software, will be informed by MARUHEN

3. WHITE BALANCE ADJUSTMENT/ GAMMA ADJUSTMENT

(1) White Balance Adjustment / Gamma Adjustment

NO.	ITEM	CONDITION	PROCEDURE	
a)	Setting	AV Mode : DYNAMIC Backlight : MAX Set the luminance meter on the centre of the screen	For the details of white balance adjustment procedure, please refer to white balance adjustment spec for Kameyama model. 1. Confirm the set condition. 2. Connect the white balance jig. i. 3.5mm H/P Jack. (4 Pole Pin) ii. RS-232 Cross cable (2 pcs) + Convert wire from RS-232 D-Sub (9 pin to 3.5mm H/P Jack (4 Pole Pin). 3. Through RS-232C command, adjustment mode screen is displayed.	
b)	Auto Adjustment [command] Adjustment Mode KRSW0001 KKT10037 Setting OSDS0001 SBSL0016 Multi point adj. Mode MSET0000 WBI20255 Adj Point 2 WBI20229 MG2G**** MG2B**** MG2R**** Adj Point 1 WBI10064 MG1G**** MG1B**** MG1R**** Set Max.Level MGMG**** MGMR**** MGMB****	Initial setting (1) Measurement (2) Set (3) Measurement (4) Measurement (5) Calculation (6) Calculation (7) Calculation (8) Calculation R/G/B_HIGH (9) Set R/G/B_HIGH (10) Original WB adjustment is performed (HIGH) Set the specified gradation for point 2, fix the most faint colour to get reference value, adjust others 2 colours to minus adjustment for reference value of point 2. (11) Measurement (Set) HIGH Brightness R_HIGH= G_HIGH G_HIGH= G_HIGH B_HIGH= G_HIGH (12) Calculation MAX luminance after WB ADJ set to $\gamma = 2.2$ (kHG) (13) Set R/G/B_MAX (14) Calculation LOW luminance ($\gamma = 2.2$) (15) Calculation R/G/B_LOW (16) Set Initial setting of R/G/B_LOW (17) Original WB adjustment is performed (LOW). Adjust RB to the reference value of point 1.	Panel Contrast R/G/B_MAX R/G/B_HIGH R/G/B_LOW	$C_{nt} = 3000:1(\text{InnoLux})$ $C_{nt} = 5000:1(\text{G8 GOA})$ $WB_{MAX} = 4080$ $WB_H = 3664/4080$ $WB_L = 1024/4080$ $L_{max} = 305.7 \text{ cd/m}^2$ $L_{min} = L_{max}/C_{nt} = 0.102$ $L_{XH} = 235.1 \text{ cd/m}^2$ $L_{XL} = 2.06 \text{ cd/m}^2$ $H \gamma = \text{LOG}((L_{XH} - L_{min}) / (L_{max} - L_{min})) / \text{LOG}(WB_H / WB_{MAX}) = 2.44$ $L \gamma = \text{LOG}((L_{XL} - L_{min}) / (L_{max} - L_{min})) / \text{LOG}(WB_L / WB_{MAX}) = 2.73$ $L_{H22} = (L_{max} - L_{min}) \times (WB_H / WB_{MAX})^{2.2} + L_{min} = 241.31$ $WB_{HX} = WB_{MAX} \times ((L_{H22} - L_{min}) / (L_{max} - L_{min}))^{(1/H \gamma)} = 3703$ $R_HIGH = WB_{HX}' = 3703$ $G_HIGH = WB_{HX}' = 3703$ $B_HIGH = WB_{HX}' = 3703$ $R_HIGH = 3702$ $G_HIGH = 3641$ $B_HIGH = 3703$ $R_HIGH = 3641$ $G_HIGH = 3641$ $B_HIGH = 3641$ } $L_{XH} = 231.3$ $L_{XMX} = L_{XH} / ((WB_H / WB_{MAX})^{2.2}) = 293.04$ $R_MAX = G_MAX * (R_HIGH / G_HIGH) = 4078$ $G_MAX = WB_{MAX} \times ((L_{XMX} - L_{min}) / (L_{max} - L_{min}))^{(1/H \gamma)} = 4010$ $B_MAX = G_MAX * (B_HIGH / G_HIGH) = 4078$ $L_{XLX} = (L_{XMX} - L_{min}) \times (WB_L / WB_{MAX})^{2.2} + L_{min} = 5.08$ $WB_{LX} = WB_{MAX} \times ((L_{XLX} - L_{min}) / (L_{max} - L_{min}))^{(1/L \gamma)} = 901$ $R_LOW = WB_{LX} = 901$ $G_LOW = WB_{LX} = 901$ $B_LOW = WB_{LX} = 901$ $R_LOW = 921$ $G_LOW = 901$ $B_LOW = 971$

	<p>Write MSET0003</p>	<p>(18) Adjusted value is writing at [command] MSET0003</p> <p>(19) Shut down the AC power. ※Initial value at RGB 2 point : 3664 ※Initial value at RGB 1 point : 1024</p> <p>[Adjustment value] ☆Teaching set send by engineering dept is set as reference.</p> <p>[Reference values for adjustment reference] Equipment : Luminance meter [Minolta CS-2000]</p> <table border="1" data-bbox="440 747 873 953"> <thead> <tr> <th></th> <th>Level</th> <th>Spec Data</th> <th>Adj. Spec.</th> <th>Inspection Spec.</th> </tr> </thead> <tbody> <tr> <td>Point 2 ref. values</td> <td>229</td> <td>x=0.2685 y=0.2670</td> <td>0.0010</td> <td>0.0020</td> </tr> <tr> <td>Point 1 ref. values</td> <td>64</td> <td>x=0.2685 y=0.2670</td> <td>0.0045</td> <td>0.0090</td> </tr> </tbody> </table> <p>Ref. : For Adjustment, set the LCD TV as below. AV MODE : [DYNAMIC] (Reset) Aging Time : Minimum 30 minutes</p>		Level	Spec Data	Adj. Spec.	Inspection Spec.	Point 2 ref. values	229	x=0.2685 y=0.2670	0.0010	0.0020	Point 1 ref. values	64	x=0.2685 y=0.2670	0.0045	0.0090	
	Level	Spec Data	Adj. Spec.	Inspection Spec.														
Point 2 ref. values	229	x=0.2685 y=0.2670	0.0010	0.0020														
Point 1 ref. values	64	x=0.2685 y=0.2670	0.0045	0.0090														

WB Step2 mod. Adjustment]

1. To get the standard value of high gradation, set gradation to specified high gradation, fix one of the RGB and adjust the balance 2 changing color in minus direction.

[WB Step2 mod. adjustment]

After high gradation adjustment, measure luminance Y_{wb_high} .

- (i) If $Y_{wb_high} \geq Y_{th}$, go to step 2.
- (ii) $Y_{wb_high} < Y_{th}$

(a) If $R_{High} = R_{High}$ standard value,

$Gain = (Y_{br}/Y_{wb_high})^{1/2}$ (If $GAIN > G_{gain_limit}$, set $GAIN = G_{gain_limit}$)

$G_{High}' = GAIN \times G_{High}$ (If $G_{High}' > \text{High grad.std. value}$,
 G_{High}' set High grad std. value)

$B_{High}' = GAIN \times (G_{High}' / G_{High})$ (If $B_{High}' > \text{High grad.std. value}$,
 B_{High}' set High grad.std. value)

Set G_{high} , B_{high} values G_{High}' , B_{High}' and go to step 2.

(b) Else if $B_{High} = B_{High}$ standard value, or $R_{High} = B_{High}$,

$Gain = (Y_{br}/Y_{wb_high})^{1/2}$ (If $GAIN > G_{gain_limit}$, set $GAIN = G_{gain_limit}$)

$G_{High}' = GAIN \times G_{High}$ (If $G_{High}' > \text{High grad.std. value}$,
 G_{High}' set High grad std. value)

$R_{High}' = GAIN \times (G_{High}' / G_{High})$ (If $R_{High}' > \text{High grad.std. value}$,
 R_{High}' set High grad.std. value)

Set G_{high} , R_{high} values G_{High}' , R_{High}' and go to step 2.

1. To get the standard value of low gradation, set gradation to specified low gradation, adjust the 2 changing R and B by setting value of G Low Gradation.
 $G \text{ Initial Value of Low Gradation} \times (\text{Adjustment value of G High Gradation} / \text{Standard Value of High Gradation})$
 (Fraction is round off)
 Initial value of RGB High Gradation : High Gradation Reference Value
 Initial value of RGB Low Gradation : Setting Value of G Low Gradation

※ Threshold and gain limit
 $Y_{th} = 130$ (@1A=13000), $Y_{br} = 135$ (@1D=13500),
 $G_{gain_limit} = 1.10$ (multiplying factor) (@1B=11000)

※ High adj. std. value: 3664/4080
 ※ Low adj. std. value: 1024/4080

4. KEY DATA INPUT

- (1) MAC Address Data Input (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (2) Widevine, (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (3) HDCP1.4, (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (4) HASH KEY, KEY MASTER (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (5) PLAYREADY (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (6) NETFLIX MGK ID (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (7) SERIAL NO (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production

Display format (example)

Service Menu	
Software Version	0.85
Build	xxxxxxxxxxxxxx
Factory Menu	
Development Menu	
Panel Version	01
Temp Sensor	151
Error Standby Cause [1]	1
[2]	1
[3]	1
[4]	1
[5]	1
Wifi Region	Group 2

Factory Menu

Dimmer/Key	
Dimmer PT1	50
Dimmer PT2	50
Dimmer PD1	50
Dimmer PD2	50
MAC ADDRESS	95:26:48:95:25:03
WIFI MAC ADDRESS	UNKNOWN
NETFLIX MGK ID	UNKNOWN
WIDEVINE DEVICE ID	UNKNOWN
PLAY READY	UNKNOWN
HDCP1.4	UNKNOWN
HDCP2.2	UNKNOWN
HDCP2.2 RECEIVER ID	UNKNOWN
HASH KEY	UNKNOWN
KEY MASTER	UNKNOWN
SERIAL NO	UNKNOWN

5. WRITING PANEL SIZE

- 1) Enter the Factory Menu mode
- 2) Point the cursor to [PANEL SETTING] and press [enter] key
- 3) Select Panel Size and press [enter] key

Panel Setting	
PANEL SELECTION	32_G8_ASIA
VCON ADJ	100
TEST PATTERN	1

** Wifi Region setting in Factory Menu for each destinations model as below:

MODEL (2T-C32BG1X(H))	DESTINATION	DESTINATION SETTING
A3KLBG1SH	SAS	GROUP 12

6. POWER CONSUMPTION

Power Consumption Measurement Method

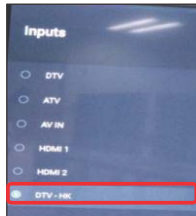
- ① Aging time : minimum 30 minutes
- ② Signal : Color Bar
- ③ Audio frequency : 400 Hz
- ④ AV Mode : Dynamic
- ⑤ Picture Setting : Backlight/ Brightness/ Contrast : MAX;
- ⑥ Audio Output (400 Hz) : 1/8 of Maximum Audio Output (7.5W + 7.5W) ;
- ⑦ AC Input: 99VAC ~ 264VAC 50Hz
- ⑧ Wol (Wake UP LAN) : Off

Model	2T-C32BG1X(H)	
Power Consumption Specification (IEC600657)	Standard Value	Limit Value
Power Consumption	(40) W	+10%
Power Consumption at Stand-by Operating	(0.40) W	0.3W ~ 0.6W

7. Instruction to Production For Hong Kong DTV Dongle Reset

- i) Subject : Please **RESET** Hong Kong DTV Dongle before Shipment setting.
- ii) Steps to reset as below :

1. Select **DTV-HK Channel** in Input.



2. Press RC button **B**

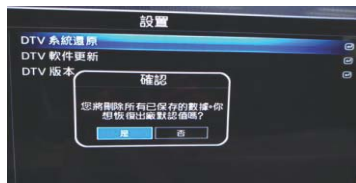
3. Then, select  **[Settings]** as shown below.



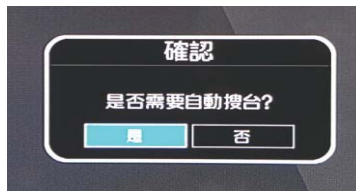
4. After that, select the **DTV 系統還原** [DTV Factory Reset].



5. Lastly, select **是** [Yes]



6. Appear OSD of CH-Search



Power OFF/ON by Remote control within 3 ~ 5 seconds,
confirm back OSD of CH-Search appear or not.
If No appear, please re-do DTV Dongle Reset.

7. No need power off,can directly proceed " Factory Setting " (Next step as below item No.8)

8. FACTORY SETTING

AC power is plug off after shipment setting is done.

Caution: Do not plug on again after shipment setting is done. If do, please re-do the shipment setting. Do not off with remote control.

ITEM	CONDITION	PROCEDURE
Factory setting	AC power off to exit the factory setting.	1. Setting is done with test remote control. 2. Press the 'Factory Setting' key on the remote control continuously. 3. When Green background appears on screen and 'K' mark disappears, setting is completed.
		The followings are initialised to factory setting: 1) User setting 2) Channel data (e.g. broadcast frequencies) 3) Manufacturer's option settings 4) Password data 5) Setting values are set based on model destination

Model Name	Factory Setting Key Name	Remote Control Code	S-System Setting	OSD Language Setting
A3KLG1SH	GENERAL	10000 0111 0111 10	MULTI	14 LANGUAGES

LCD-TV ADJUSTMENT ITEM

1. MICON SOFTWARE DATA INPUT
 - (1) Main MICON/Monitor MICON Software Data Input.

2. SOFTWARE VERSION

3. WHITE BALANCE/GAMMA ADJUSTMENT
 - (1) White Balance Adjustment / GAMMA ADJUSTMENT
 - a) Setting (R/C, COM)
 - b) Auto Adjustment (R/C, COM)

4. KEY DATA INPUT
 - (1) MAC ADDRESS DATA INPUT
 - (2) Widevine,
 - (3) HDCP1.4,
 - (4) HASH KEY, KEY MASTER
 - (5) PLAYREADY
 - (6) NETFLIX MGK ID
 - (7) SERIAL NO

5. WRITING THE PANEL SIZE

6. POWER CONSUMPTION

7. INSTRUCTION TO PRODUCTION FOR HONG KONG DTV DONGLE RESET

8. FACTORY SETTING

LCD TV ADJUSTMENT ITEM

1. MICON SOFTWARE DATA INPUT

1) Main MICON/Monitor MICON Software Data Input (Main PWB : [QPWBXG985WJZZ](#))

	ITEM	CONDITION	PROCEDURE
1	Main MICON Data Input (Main PWB)	Checker adjustment File version confirmation	1. Data input by Gang Programmer IC: RH-IXE159WJQZQ Input Data: .bin file (filename will be decided by Software Development Dept.) 2. At checker, confirm the version and perform operation inspection.

2. SOFTWARE VERSION

Confirmation on Software version will be done during meeting.

Model	Software Package
2T-C42BG1X(H)	Upgrade_kiwi_vX.XX_no_tvcertificate_user_release.pkg

Main Software Filename : XXXX is Software version

If any changes of software, will be informed by MARUHEN

3. WHITE BALANCE ADJUSTMENT/ GAMMA ADJUSTMENT

(1) White Balance Adjustment / Gamma Adjustment

NO.	ITEM	CONDITION	PROCEDURE	
a)	Setting	AV Mode : DYNAMIC Backlight : MAX Set the luminance meter on the centre of the screen	For the details of white balance adjustment procedure, please refer to white balance adjustment spec for Kameyama model. 1. Confirm the set condition. 2. Connect the white balance jig. i. 3.5mm H/P Jack. (4 Pole Pin) ii. RS-232 Cross cable (2 pcs) + Convert wire from RS-232 D-Sub (9 pin to 3.5mm H/P Jack (4 Pole Pin). 3. Through RS-232C command, adjustment mode screen is displayed.	
b)	Auto Adjustment [command] Adjustment Mode KRSW0001 KKT10037 Setting OSDS0001 SBSL0016 Multi point adj. Mode MSET0000 WBI20255 Adj Point 2 WBI20229 MG2G**** MG2B**** MG2R**** Adj Point 1 WBI10051 MG1G**** MG1B**** MG1R**** Set Max.Level MGMG**** MGMR**** MGMB****	Initial setting (1) Measurement (2) Set (3) Measurement (4) Measurement (5) Calculation (6) Calculation (7) Calculation R/G/B_HIGH (9) Set R/G/B_HIGH (10) Original WB adjustment is performed (HIGH) Set the specified gradation for point 2, fix the most faint colour to get reference value, adjust others 2 colours to minus adjustment for reference value of point 2. (11) Measurement (Set) R_HIGH= G_HIGH G_HIGH= G_HIGH B_HIGH= G_HIGH (12) Calculation MAX luminance after WB ADJ set to $\gamma = 2.2$ (LHG) (13) Set R/G/B_MAX (14) Calculation LOW luminance ($\gamma = 2.2$) (15) Calculation R/G/B_LOW (16) Set Initial setting of R/G/B_LOW (17) Original WB adjustment is performed (LOW). Adjust RB to the reference value of point 1.	Panel Contrast R/G/B_MAX R/G/B_HIGH R/G/B_LOW MAX Brightness MIN Brightness HIGH Brightness LOW Brightness H γ L γ HIGH luminance ($\gamma = 2.2$) Initial setting of Initial setting of HIGH Brightness R_HIGH= G_HIGH G_HIGH= G_HIGH B_HIGH= G_HIGH MAX luminance after WB ADJ set to $\gamma = 2.2$ (LHG) R/G/B_MAX LOW luminance ($\gamma = 2.2$) Initial setting of Set Initial setting of R/G/B_LOW Original WB adjustment is performed (LOW). Adjust RB to the reference value of point 1.	$C_{nt} = 4000:1$ $WB_{MAX} = 4080$ $WB_H = 3664/4080$ $WB_L = 816/4080$ $L_{max} = 305.7 \text{ cd/m}^2$ $L_{min} = L_{max}/C_{nt} = 0.102$ $L_{XH} = 235.1 \text{ cd/m}^2$ $L_{XL} = 2.06 \text{ cd/m}^2$ $H \gamma = \text{LOG}((L_{XH} - L_{min}) / (L_{max} - L_{min})) / \text{LOG}(WB_H / WB_{MAX}) = 2.44$ $L \gamma = \text{LOG}((L_{XL} - L_{min}) / (L_{max} - L_{min})) / \text{LOG}(WB_L / WB_{MAX}) = 2.73$ $LH_{22} = (L_{max} - L_{min}) \times (WB_H / WB_{MAX})^{\gamma 2.2} + L_{min} = 241.31$ $WB_{HX} = WB_{MAX} \times ((LH_{22} - L_{min}) / (L_{max} - L_{min}))^{(1/H \gamma)} = 3703$ $R_HIGH = WB_{HX}' = 3703$ $G_HIGH = WB_{HX}' = 3703$ $B_HIGH = WB_{HX}' = 3703$ $R_HIGH = 3702$ $G_HIGH = 3641$ $B_HIGH = 3703$ $R_HIGH = 3641$ $G_HIGH = 3641$ $B_HIGH = 3641$ $L_{XH} = 231.3$ $L_{XMX} = L_{XH} / ((WB_H / WB_{MAX})^{\gamma 2.2}) = 293.04$ $R_MAX = G_MAX * (R_HIGH / G_HIGH) = 4078$ $G_MAX = WB_{MAX} \times ((L_{XMX} - L_{min}) / (L_{max} - L_{min}))^{(1/H \gamma)} = 4010$ $B_MAX = G_MAX * (B_HIGH / G_HIGH) = 4078$ $L_{XLX} = (L_{XMX} - L_{min}) \times (WB_L / WB_{MAX})^{\gamma 2.2} + L_{min} = 5.08$ $WB_{LX} = WB_{MAX} \times ((L_{XLX} - L_{min}) / (L_{max} - L_{min}))^{(1/L \gamma)} = 901$ $R_LOW = WB_{LX} = 901$ $G_LOW = WB_{LX} = 901$ $B_LOW = WB_{LX} = 901$ $R_LOW = 921$ $G_LOW = 901$ $B_LOW = 971$

Example for adjustment method
(be careful of INT setting)

RESULT

RESULT

	Write MSET0003	<p>(18) Adjusted value is writing at [command] MSET0003</p> <p>(19) Shut down the AC power. ※Initial value at RGB 2 point : 3664 ※Initial value at RGB 1 point : 816</p> <p>[Adjustment value] ☆Teaching set send by engineering dept is set as reference.</p> <p>[Reference values for adjustment reference] Equipment : Luminance meter [Minolta CS-2000]</p> <table border="1" data-bbox="440 779 899 974"> <thead> <tr> <th></th> <th>Level</th> <th>Spec Data</th> <th>Adj. Spec.</th> <th>Inspection Spec.</th> </tr> </thead> <tbody> <tr> <td>Point 2 ref. values</td> <td>229</td> <td>x=0.2685 y=0.2670</td> <td>0.0010</td> <td>0.0020</td> </tr> <tr> <td>Point 1 ref. values</td> <td>51</td> <td>x=0.2685 y=0.2670</td> <td>0.0045</td> <td>0.0090</td> </tr> </tbody> </table> <p>Ref. : For Adjustment, set the LCD TV as below. AV MODE : [DYNAMIC] (Reset) Aging Time : Minimum 30 minutes</p>		Level	Spec Data	Adj. Spec.	Inspection Spec.	Point 2 ref. values	229	x=0.2685 y=0.2670	0.0010	0.0020	Point 1 ref. values	51	x=0.2685 y=0.2670	0.0045	0.0090	
	Level	Spec Data	Adj. Spec.	Inspection Spec.														
Point 2 ref. values	229	x=0.2685 y=0.2670	0.0010	0.0020														
Point 1 ref. values	51	x=0.2685 y=0.2670	0.0045	0.0090														

[WB Step2 mod. Adjustment]

- To get the standard value of high gradation, set gradation to specified high gradation, fix one of the RGB and adjust the balance 2 changing color in minus direction.

[WB Step2 mod. adjustment]

After high gradation adjustment, measure luminance Y_{wb_high} .

- If $Y_{wb_high} \geq Y_{th}$, go to step 2.
- $Y_{wb_high} < Y_{th}$

a) If $R_{High} = R_{High \text{ standard value}}$,
 $Gain = (Y_{br}/Y_{wb_high})^{1/2}$ (If $GAIN > G_{gain_limit}$, set $GAIN = G_{gain_limit}$)
 $G_{High}' = GAIN \times G_{High}$ (If $G_{High}' > \text{High grad.std. value}$,
 G_{High}' set High grad std. value)
 $B_{High}' = GAIN \times (G_{High}' / G_{High})$ (If $B_{High}' > \text{High grad.std. value}$,
 B_{High}' set High grad.std. value)
 Set G_{high} , B_{high} values G_{High}' , B_{High}' and go to step 2.

b) Elseif $B_{High} = B_{High \text{ standard value}}$, or $R_{High} = B_{High}$,
 $Gain = (Y_{br}/Y_{wb_high})^{1/2}$ (If $GAIN > G_{gain_limit}$, set $GAIN = G_{gain_limit}$)
 $G_{High}' = GAIN \times G_{High}$ (If $G_{High}' > \text{High grad.std. value}$,
 G_{High}' set High grad std. value)
 $R_{High}' = GAIN \times (G_{High}' / G_{High})$ (If $R_{High}' > \text{High grad.std. value}$,
 R_{High}' set High grad.std. value)
 Set G_{high} , R_{high} values G_{High}' , R_{High}' and go to step 2.

- To get the standard value of low gradation, set gradation to specified low gradation, adjust the 2 changing R and B by setting value of G Low Gradation.

G Initial Value of Low Gradation x (Adjustment value of G High Gradation / Standard Value of High Gradation)
 (Fraction is round off)

Initial value of RGB High Gradation : High Gradation Reference Value
 Initial value of RGB Low Gradation : Setting Value of G Low Gradation

※Threshold and gain limit

$Y_{th} = 195$ (@1A=19500), $Y_{br} = 200$ (@1D=20000),
 $G_{gain_limit} = 1.10$ (multiplying factor) (@1B=11000)

- ※ High adj. std. value: 3664/4080
- ※ Low adj. std. value: 816/4080

[Adjustment value]

☆Teaching set send by engineering dept is set as reference.

[Reference values for adjustment reference]

Equipment : Luminance meter [Minolta CS-2000]

	Level	Spec Data	Adjustment Spec.	Inspection Spec.
Point 2 ref. values	229	x= 0.2685 y= 0.2670	0.0010	0.0020
Point 1 ref. values	51	x= 0.2685 y= 0.2670	0.0045	0.0090

Ref. : For inspection, set the LCD TV as below.

- AV MODE : [DYNAMIC] (Reset)
- Aging Time : Minimum 30 minutes

4. KEY DATA INPUT

- (1) MAC Address Data Input (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (2) Widevine, (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (3) HDCP1.4, (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (4) HASH KEY, KEY MASTER (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (5) PLAYREADY (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (6) NETFLIX MGK ID (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production
- (7) SERIAL NO (Main PWB: QPWBXG985WJZZ)
Please refer to Caution Item for Production

Display format (example)

Service Menu	
Software Version	0.85
Build	xxxxxxxxxxxxxx
Factory Menu	
Development Menu	
Panel Version	01
Temp Sensor	1
Error Standby Cause [1]	1
[2]	1
[3]	1
[4]	1
[5]	1
Wifi Region	Group 2

Dimmer/Key	
Dimmer PT1	50
Dimmer PT2	50
Dimmer PD1	50
Dimmer PD2	50
MAC ADDRESS	95:26:48:95:26:44
WIFI MAC ADDRESS	UNKNOWN
NETFLIX MGK ID	UNKNOWN
WIDEVINE DEVICE ID	UNKNOWN
PLAYREADY	UNKNOWN
HDCP1.4	UNKNOWN
HDCP2.2	UNKNOWN
HDCP2.2 RECEIVER ID	UNKNOWN
HASH KEY	UNKNOWN
KEY MASTER	UNKNOWN
SERIAL NO	UNKNOWN

5. WRITING PANEL SIZE

- 1) Enter the Factory Menu mode
- 2) Point the cursor to [PANEL SETTING] and press [enter] key
- 3) Select Panel Size and press [enter] key

Panel Setting	
PANEL SELECTION	42_SDP_ASIA
VCON ADJ	100
TEST PATTERN	1

** Wifi Region setting in Factory Menu for each destinations model as below:

MODEL (2T-C42BG1X(H))	DESTINATION	DESTINATION SETTING
A3KLBG1SH	SAS	GROUP 12

6. POWER CONSUMPTION

Power Consumption Measurement Method

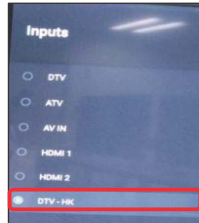
- ① Aging time : minimum 30 minutes
- ② Signal : Color Bar
- ③ Audio frequency : 400 Hz
- ④ AV Mode : Dynamic
- ⑤ Picture Setting : Backlight/ Brightness/ Contrast : MAX;
- ⑥ Audio Output (400 Hz) : 1/8 of Maximum Audio Output (7.5W + 7.5W) ;
- ⑦ AC Input: 99VAC ~ 264VAC 50Hz
- ⑧ WoI(Wake UP LAN) : Off

Model	2T-C42BG1X(H)	
Power Consumption Specification (IEC600657)	Standard Value	Limit Value
Power Consumption	(62) W	+10%
Power Consumption at Stand-by Operating	(0.40) W	0.3W ~ 0.6W

7. Instruction to Production For Hong Kong DTV Dongle Reset

- i) Subject : Please **RESET** Hong Kong DTV Dongle before Shipment setting.
- ii) Steps to reset as below :

1. Select **DTV-HK Channel** in Input.



2. Press RC button 

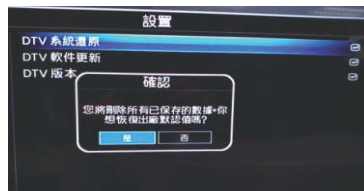
3. Then, select  **[Settings]** as shown below.



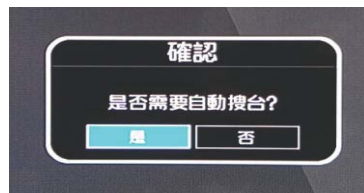
4. After that, select the **DTV 系統還原 [DTV Factory Reset]**.



5. Lastly, select  **[Yes]**



6. Appear OSD of CH-Search



Power OFF/ON by Remote control within 3 ~ 5 seconds, confirm back OSD of CH-Search appear or not. If No appear, please re-do DTV Dongle Reset.

7. No need power off,can directly proceed " Factory Setting " (Next step as below item No.8)

8. FACTORY SETTING

AC power is plug off after shipment setting is done.

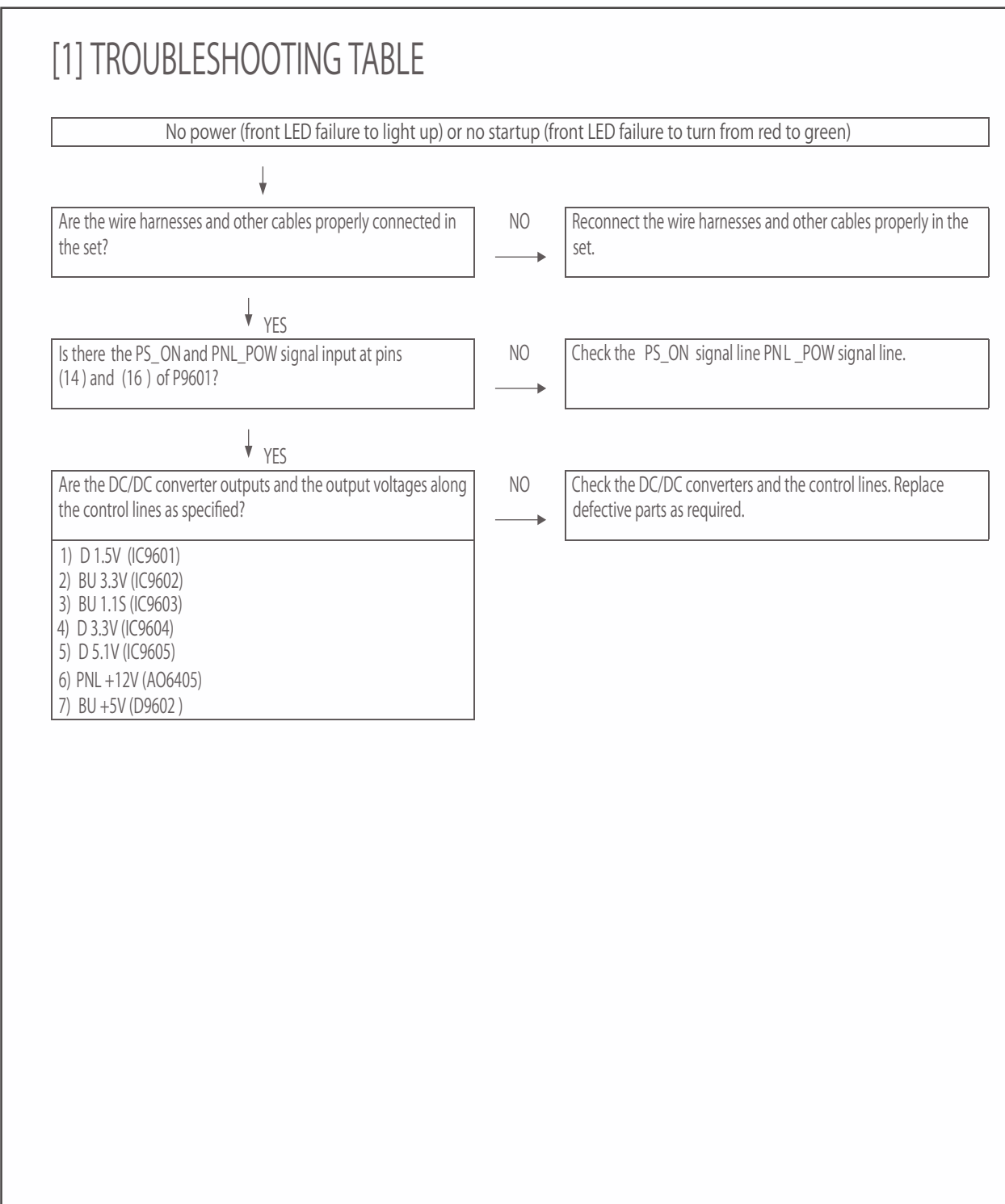
Caution: Do not plug on again after shipment setting is done. If do, please re-do the shipment setting. Do not off with remote control.

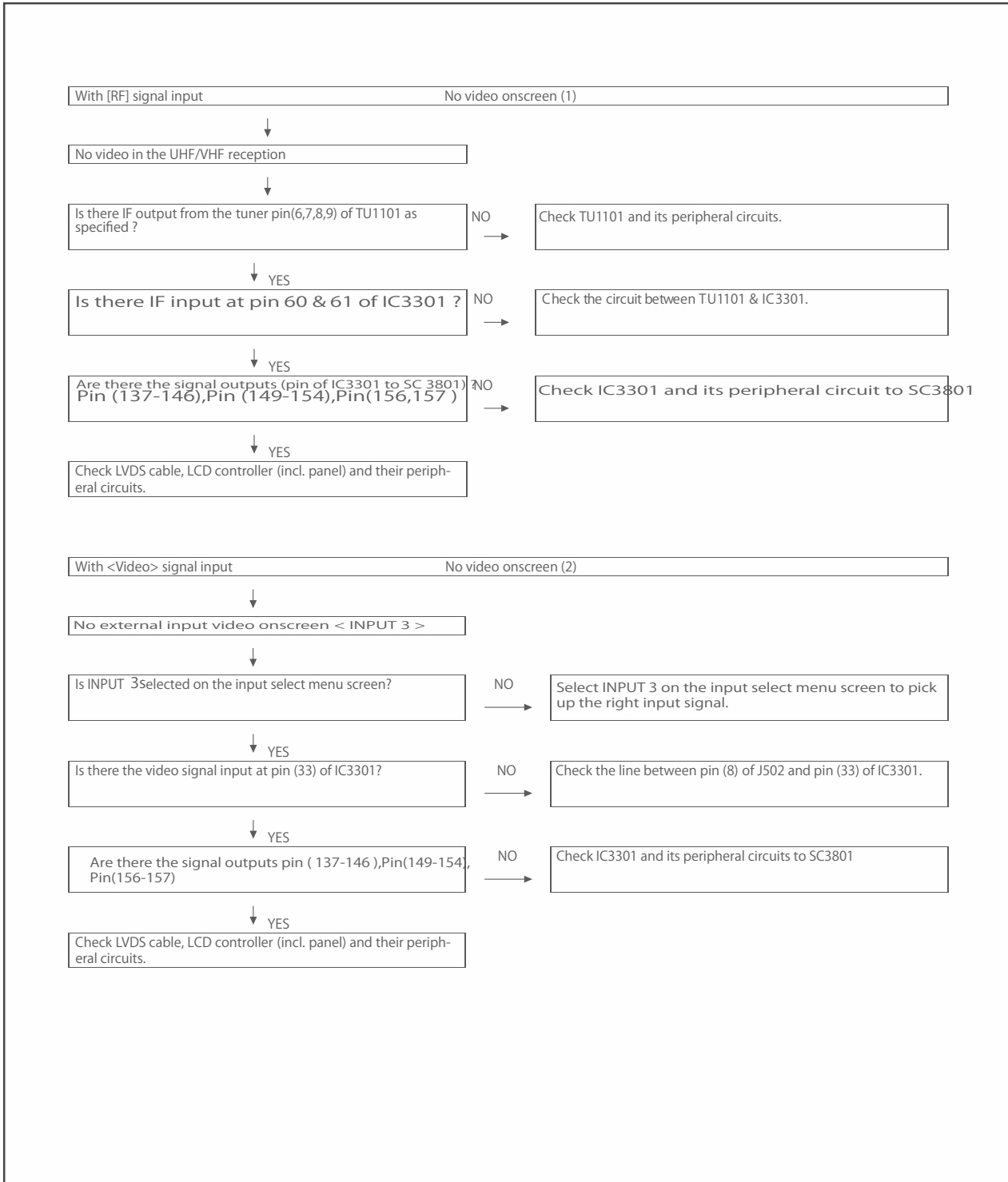
ITEM	CONDITION	PROCEDURE
Factory setting	AC power off to exit the factory setting.	1. Setting is done with test remote control. 2. Press the 'Factory Setting' key on the remote control continuously. 3. When Green background appears on screen and 'K' mark disappears, setting is completed.
		The followings are initialised to factory setting: 1) User setting 2) Channel data (e.g. broadcast frequencies) 3) Manufacturer's option settings 4) Password data 5) Setting values are set based on model destination

Model Name	Factory Setting Key Name	Remote Control Code	S-System Setting	OSD Language Setting
A3KLKBG1SH	GENERAL	10000 0111 0111 10	MULTI	14 LANGUAGES

CHAPTER 6. TROUBLESHOOTING

[1] TROUBLESHOOTING





With <Component> signal input No video onscreen (3)



No external input video onscreen <INPUT3>



Is INPUT 3 selected on the input select menu screen ?



Select INPUT 3 on the input select menu screen to pick up the right input signal .



Are there the Y, CB and CR signal inputs at pins (29), (28) and (31) of IC 3301 respectively?



Check the line between pins (8)/(10)/(13) of J502 and pins (28/ (29) /(31) of IC3301.



Are there the signal outputs Pins (137-146),Pins (149-154),Pins (156,157)



Check IC3301 and its peripheral circuits.



Check LVDS cable, LCD controller (incl. panel) and their peripheral circuits.

With <HDMI1/HDMI2> signal input No video onscreen (4)



No external input video onscreen HDMI1 /HDMI2



Is <HDMI 1/HDMI2 > selected on the menu screen ?



Select <HDMI1 / HDMI2 > select menu screen to pick up the right signal input



Are there signal outputs from SC1501/SC1502 to IC3301 ?



Select <HDMI1/HDMI2> select menu screen to pick up the right signal input



Are there the signal outputs Pins (137-146),Pins (149-154), Pins (156,157),



Check IC3301 and its peripheral circuits.



Check LVDS cable, LCD controller (incl. panel) and their peripheral circuits.

No audio heard (2)



No external audio heard

< INPUT 3 >

Is there the L-ch audio signal input from pin (6) of input terminal J502 to pin (46) of IC3301?
Is there the R-ch audio signal input from pin (3) of input terminal J502 to pin (47) of IC3301?



Is there the I²S signal output at pin (72,159,160,161) of IC3301 ?



Check IC3301 and its peripheral circuits.



Is there I²S signal input at pin (5,6,7,8) of IC1702?



Check connection between IC3301 and IC1702 and its peripheral circuits.



Is the L-ch audio signal output at pin(26), (27) ,(30),(31) of IC1702 normal ?



Check IC1702 and its peripheral circuits.

Is the R-ch audio signal output at pin(10), (11),(14),(15) of IC1702 normal ?



Are the audio signal L-ch and R-ch output at (3)/(4) and (1)/(2) of P1701 normal?



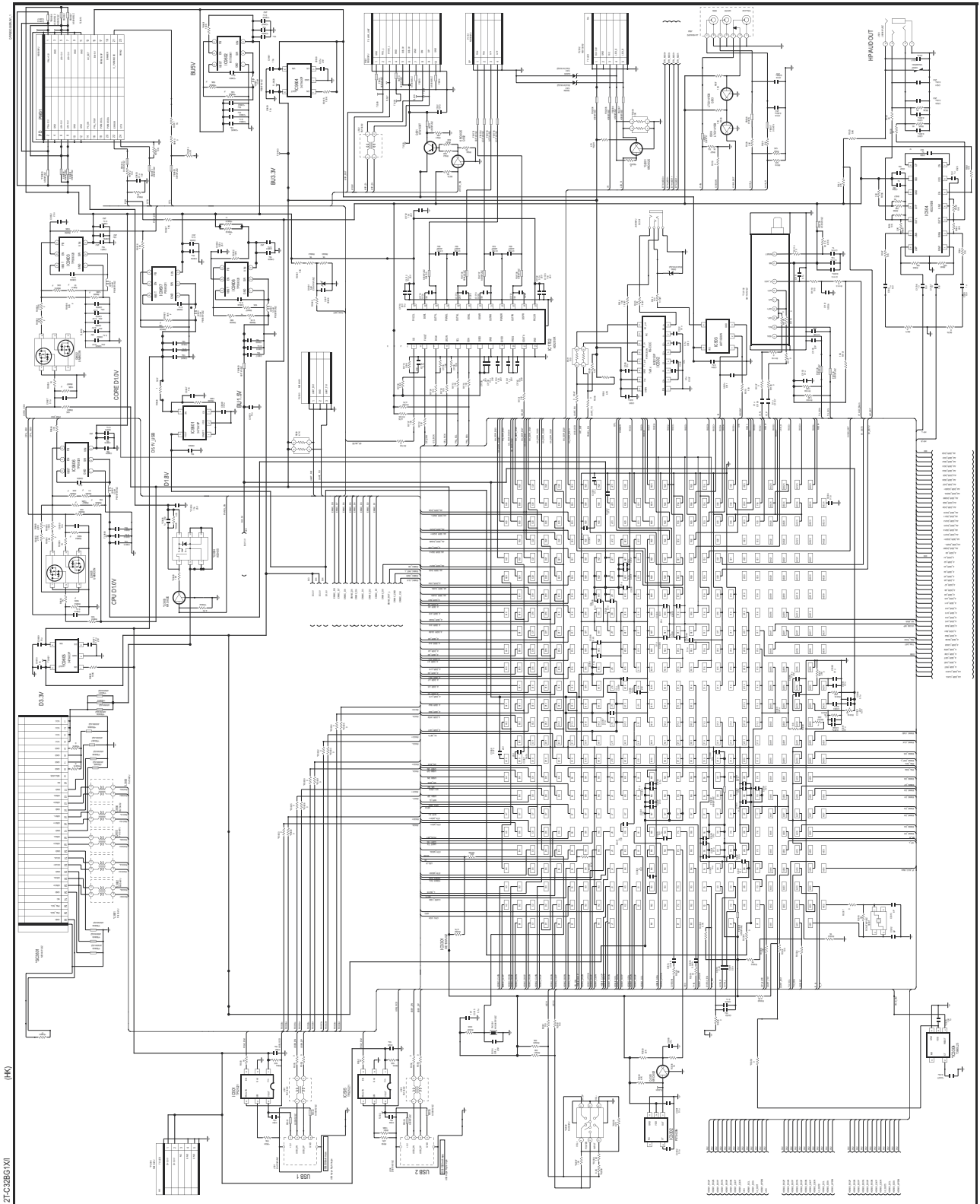
Check circuit between IC1702 & P1701.

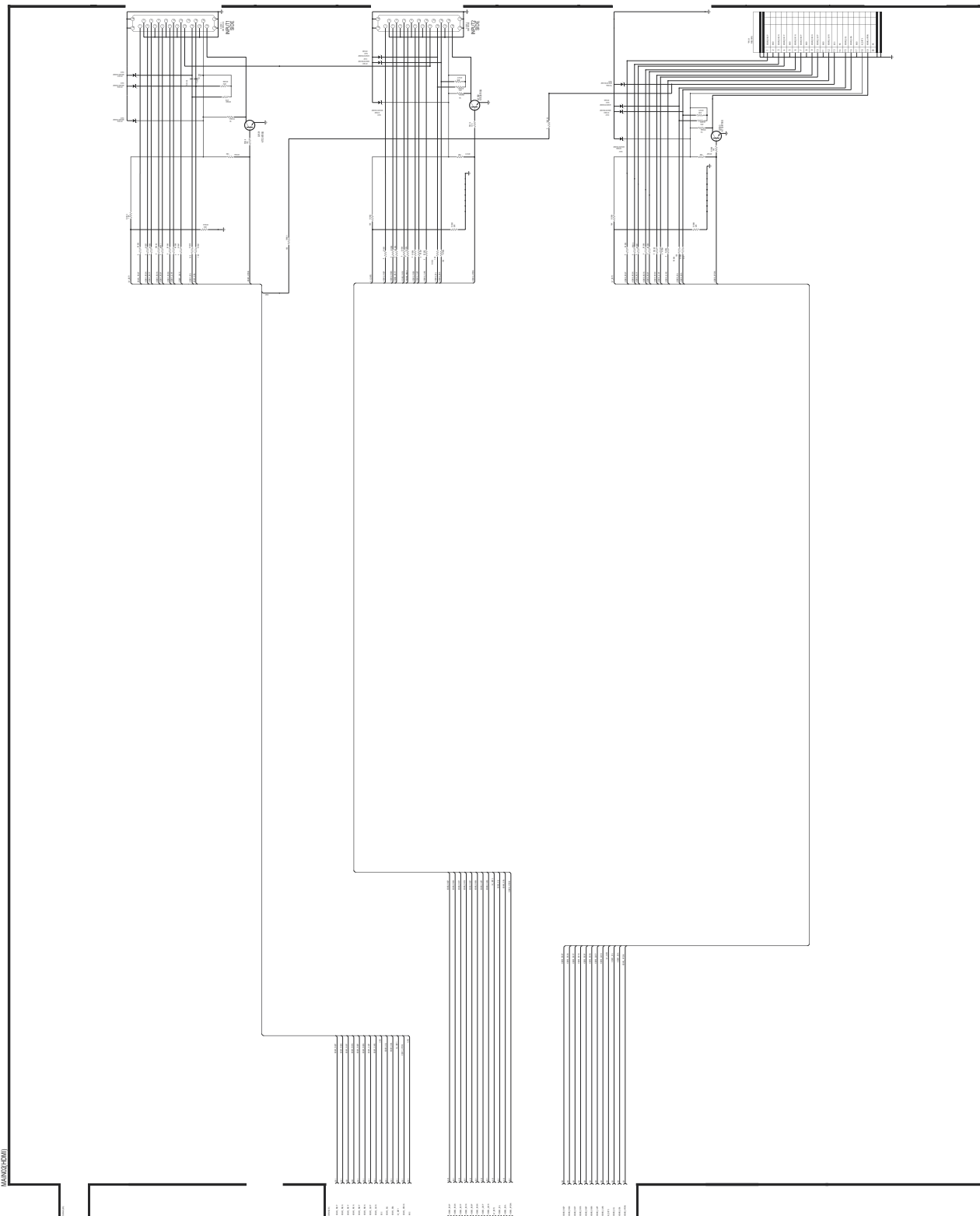


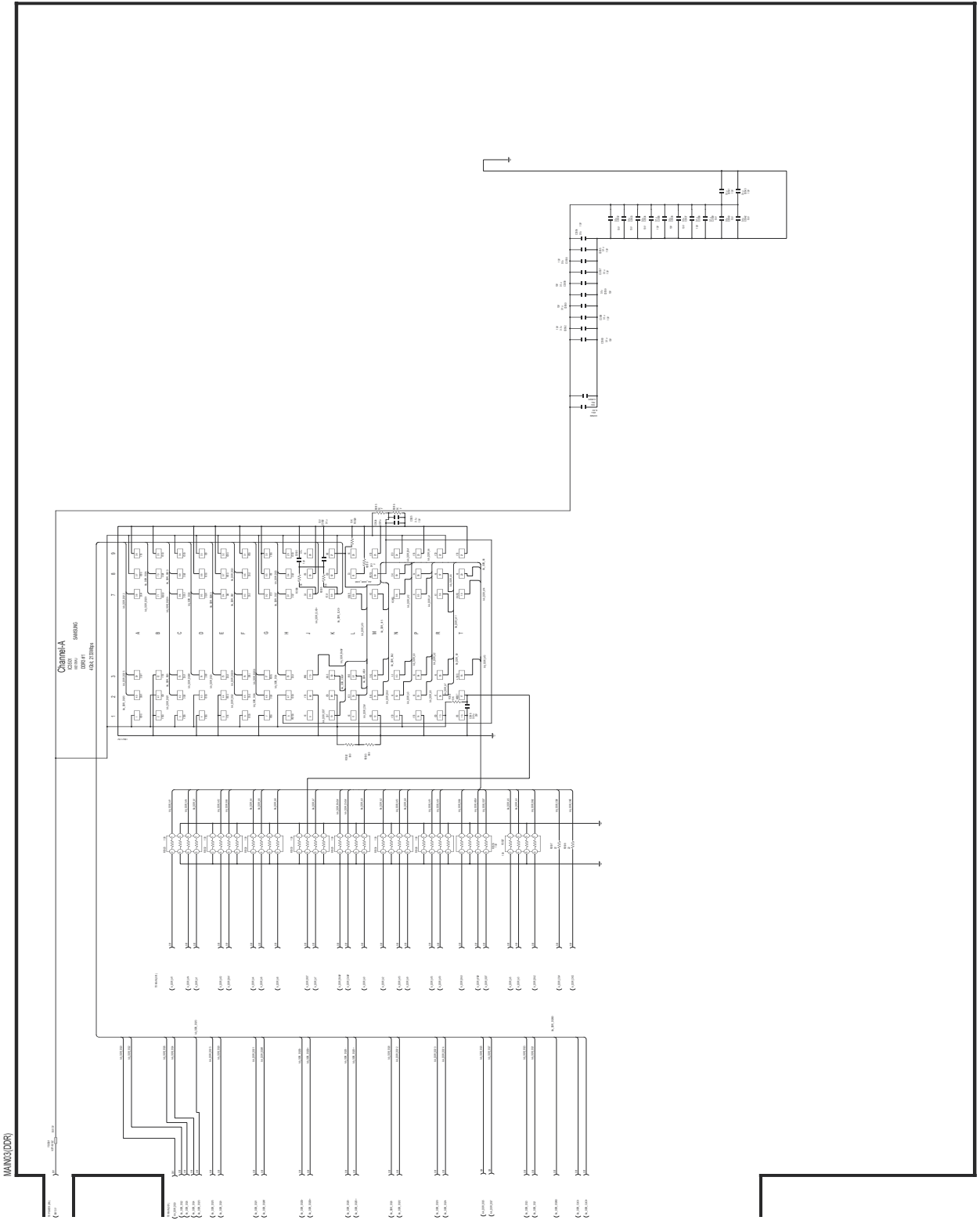
Check speakers and their peripheral circuits.

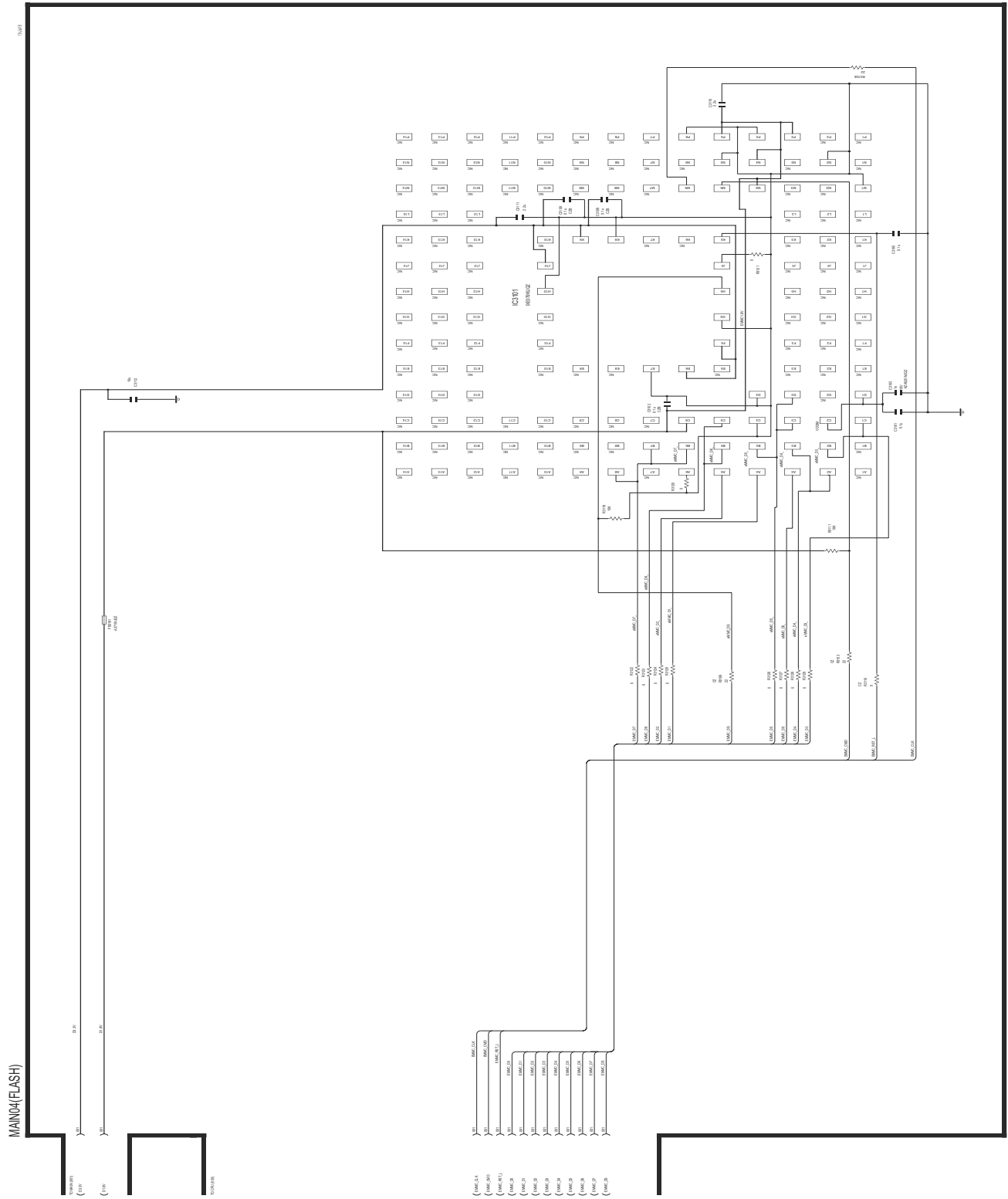
CHAPTER 7. DESCRIPTION OF SCHEMATIC DIAGRAM

[1] DESCRIPTION OF SCHEMATIC DIAGRAM

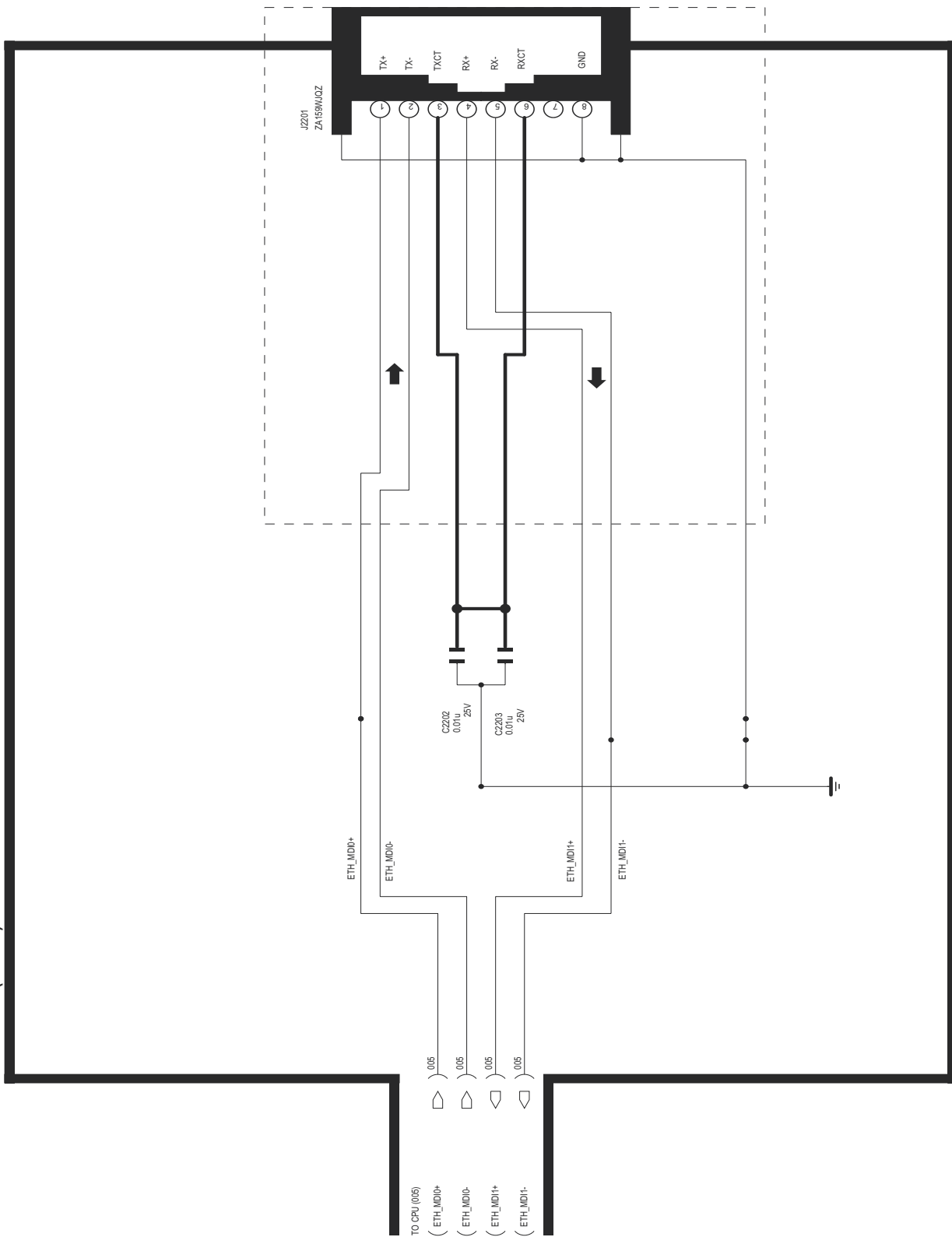




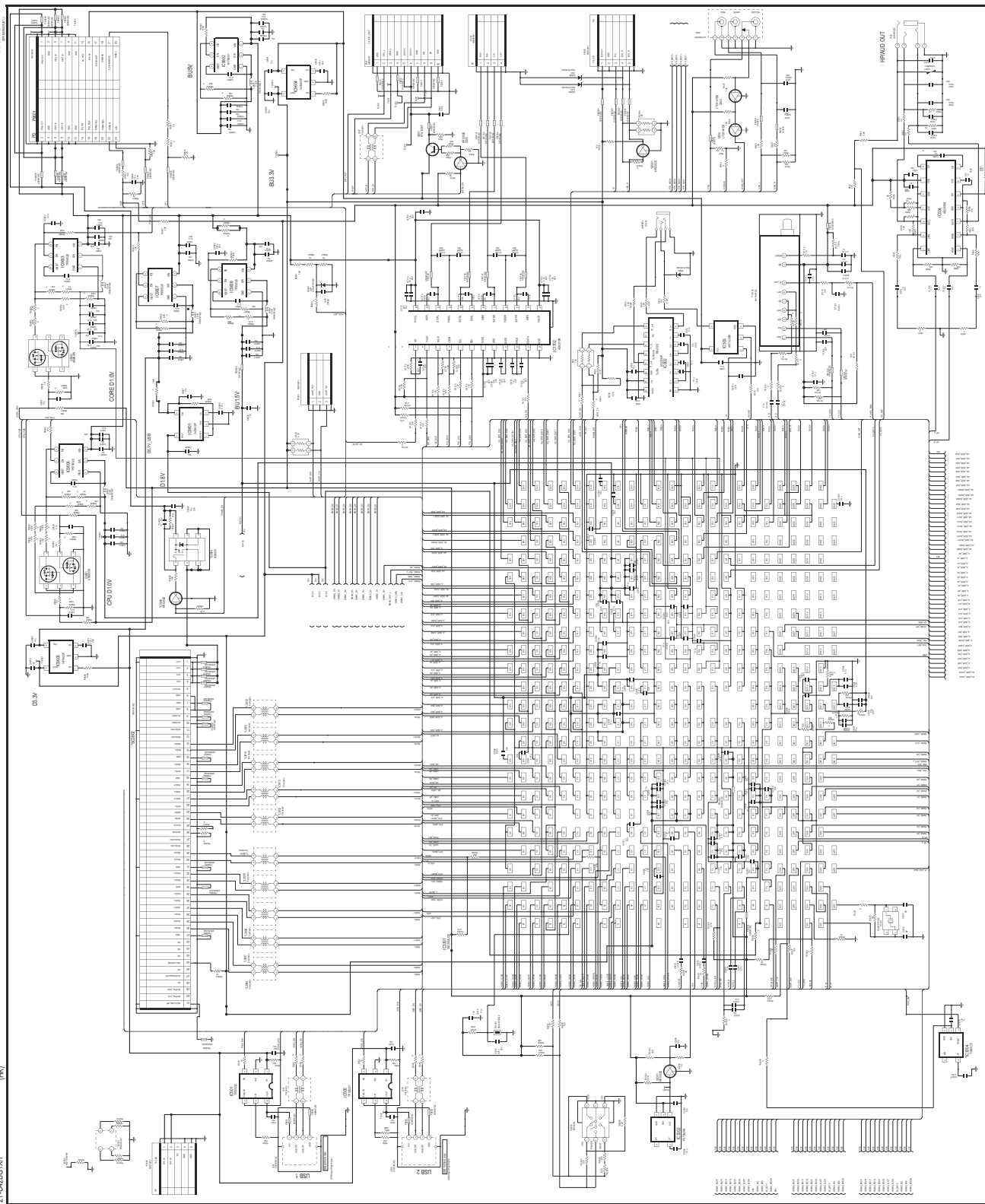


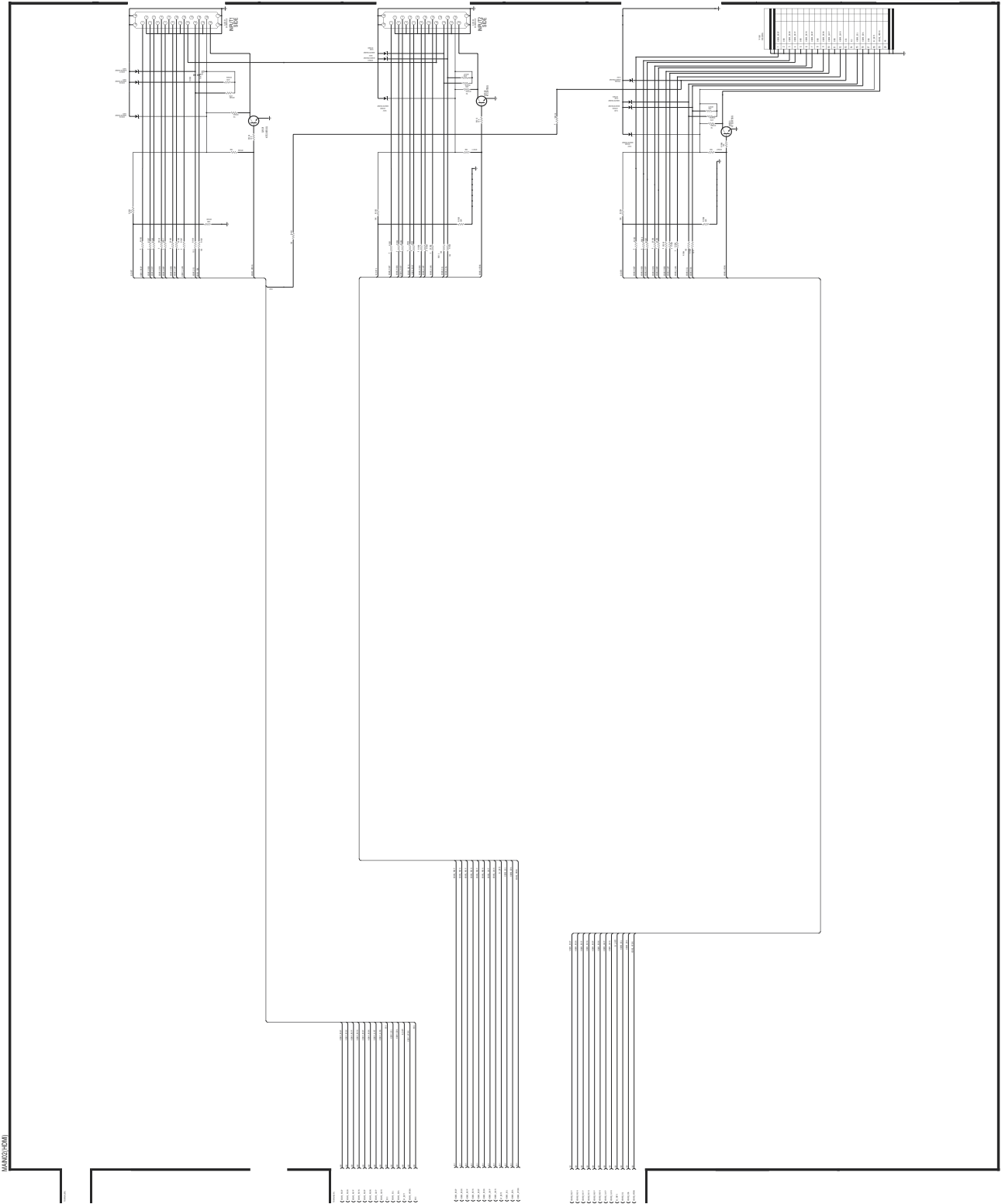


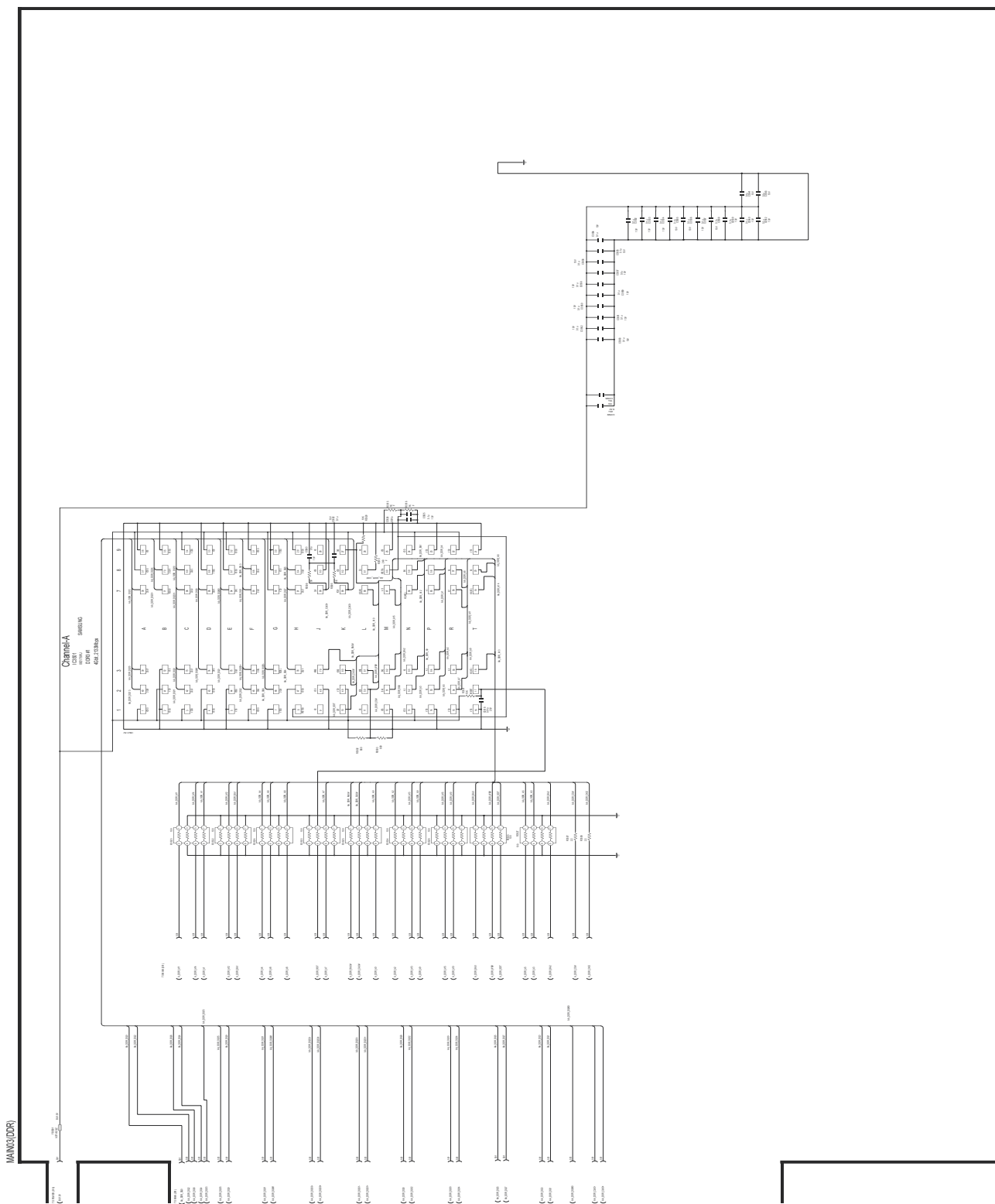
MAIN05(ETH)

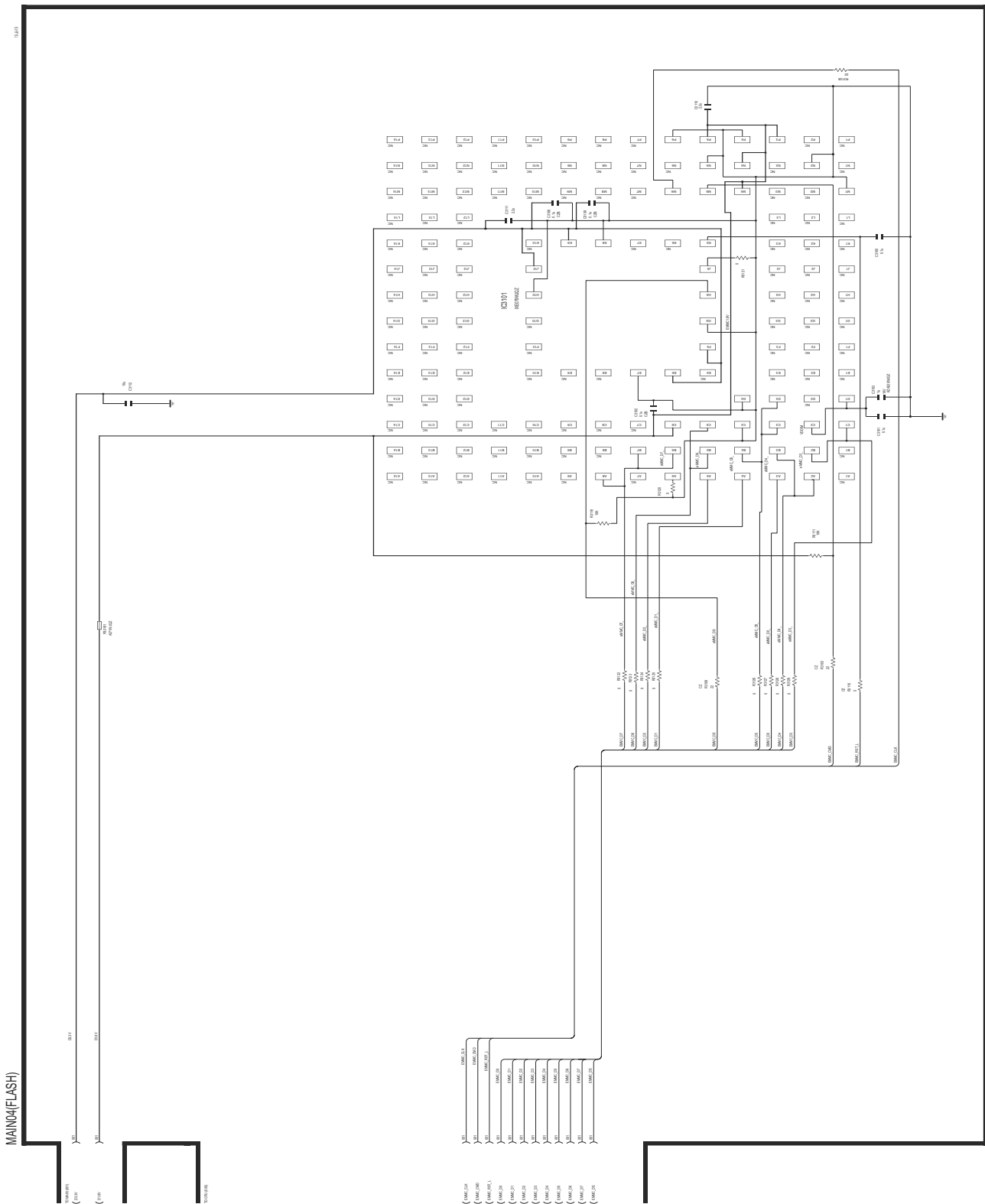


2T-C32/42BG1X(H)

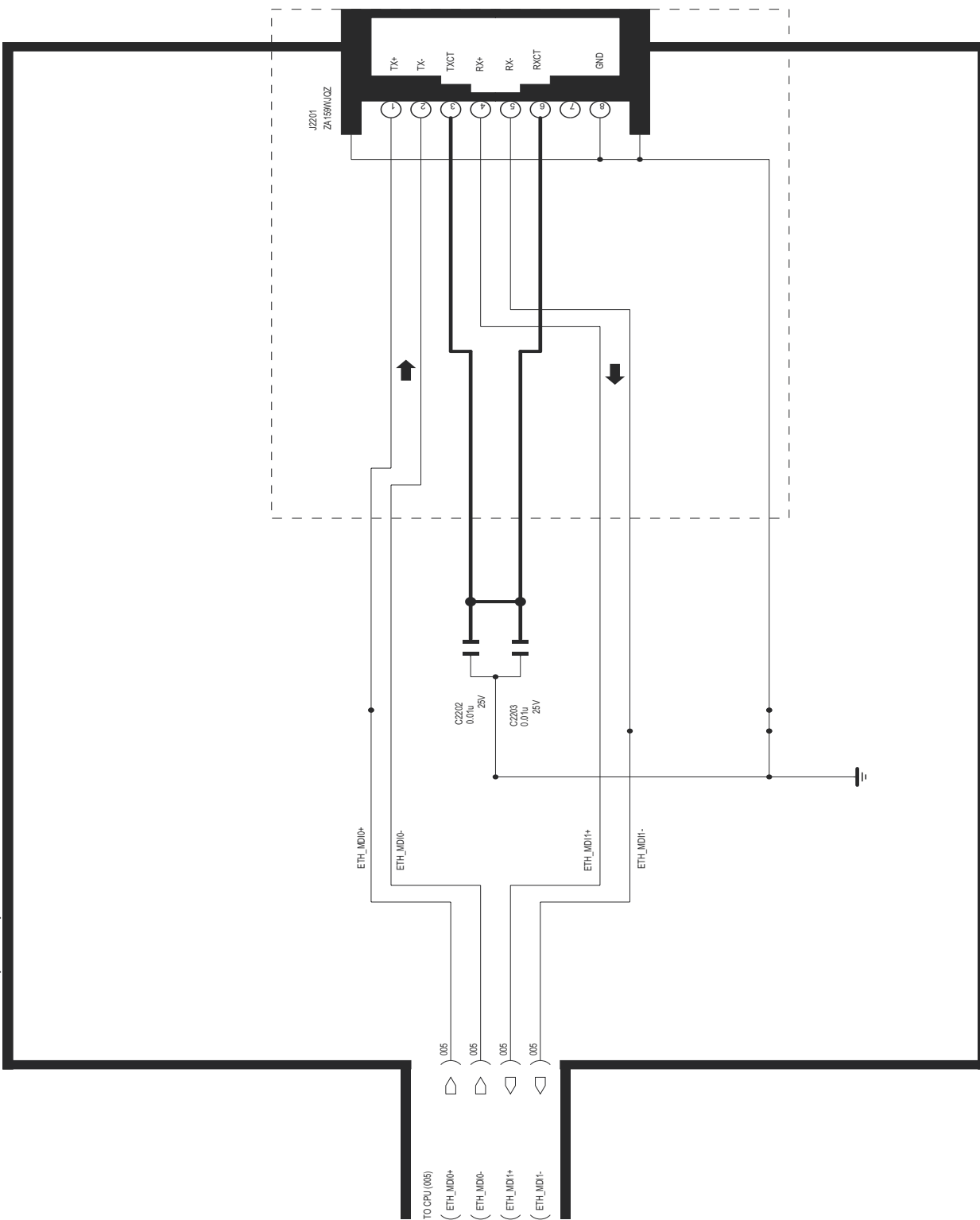




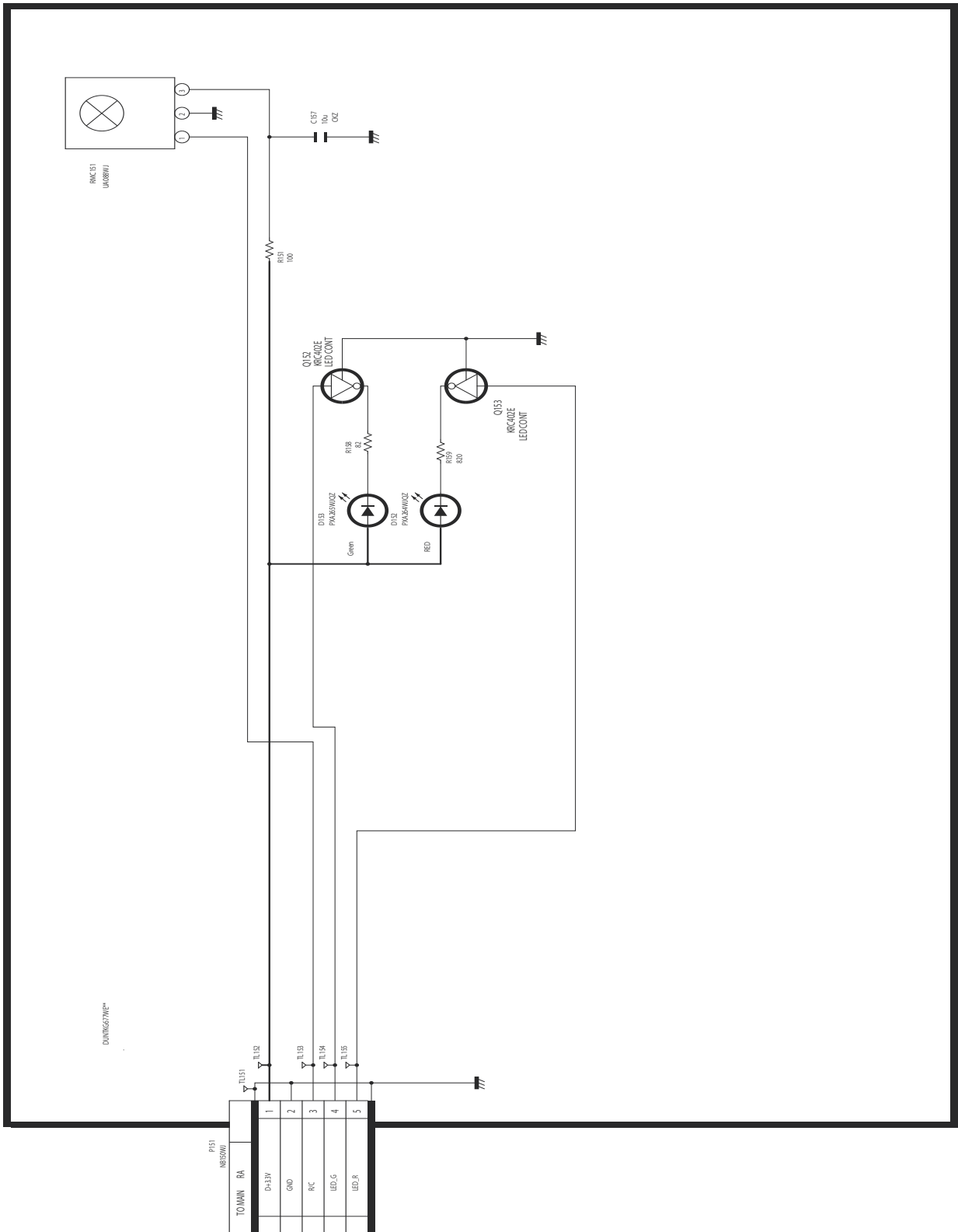




MAIN05(ETH)

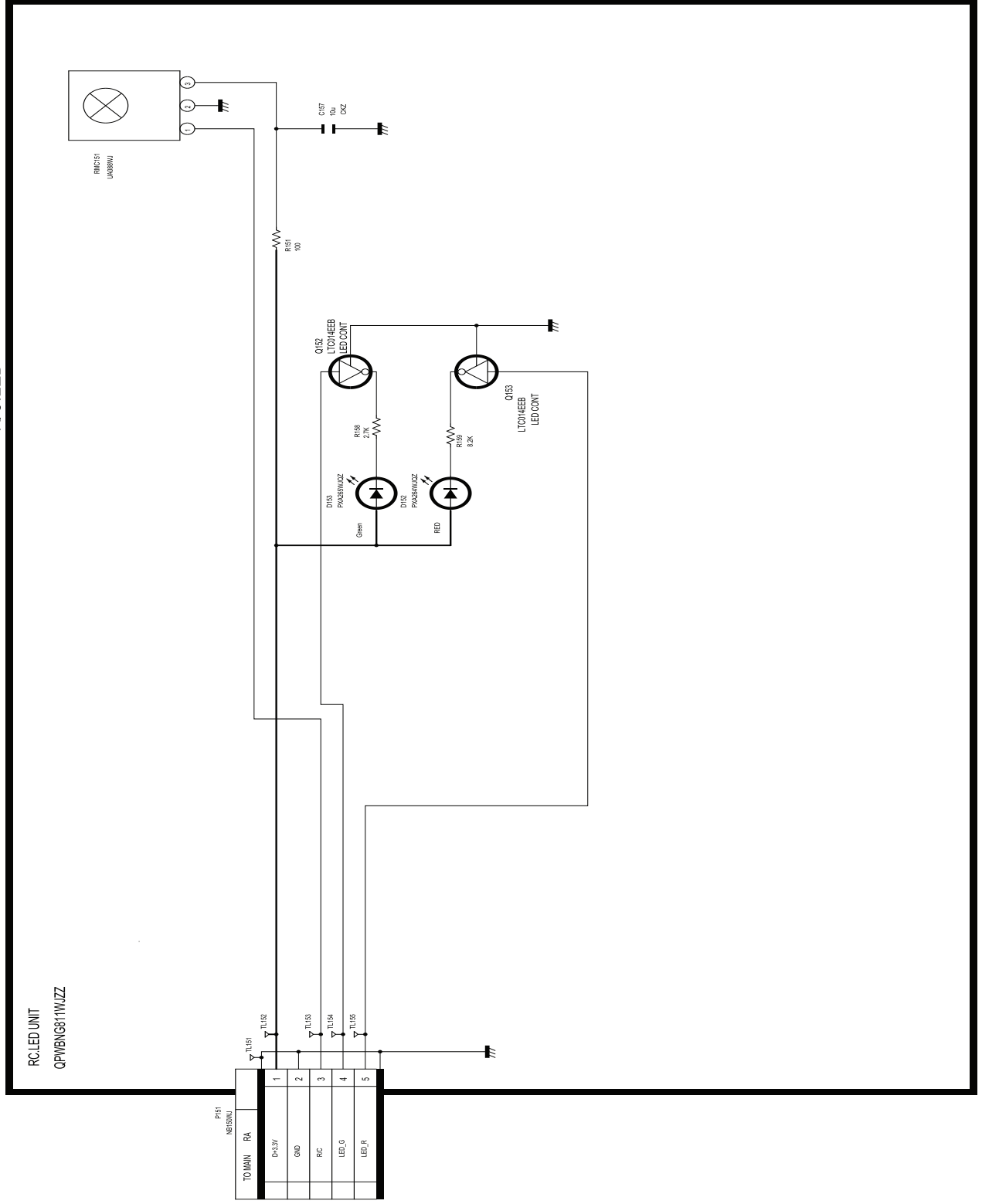


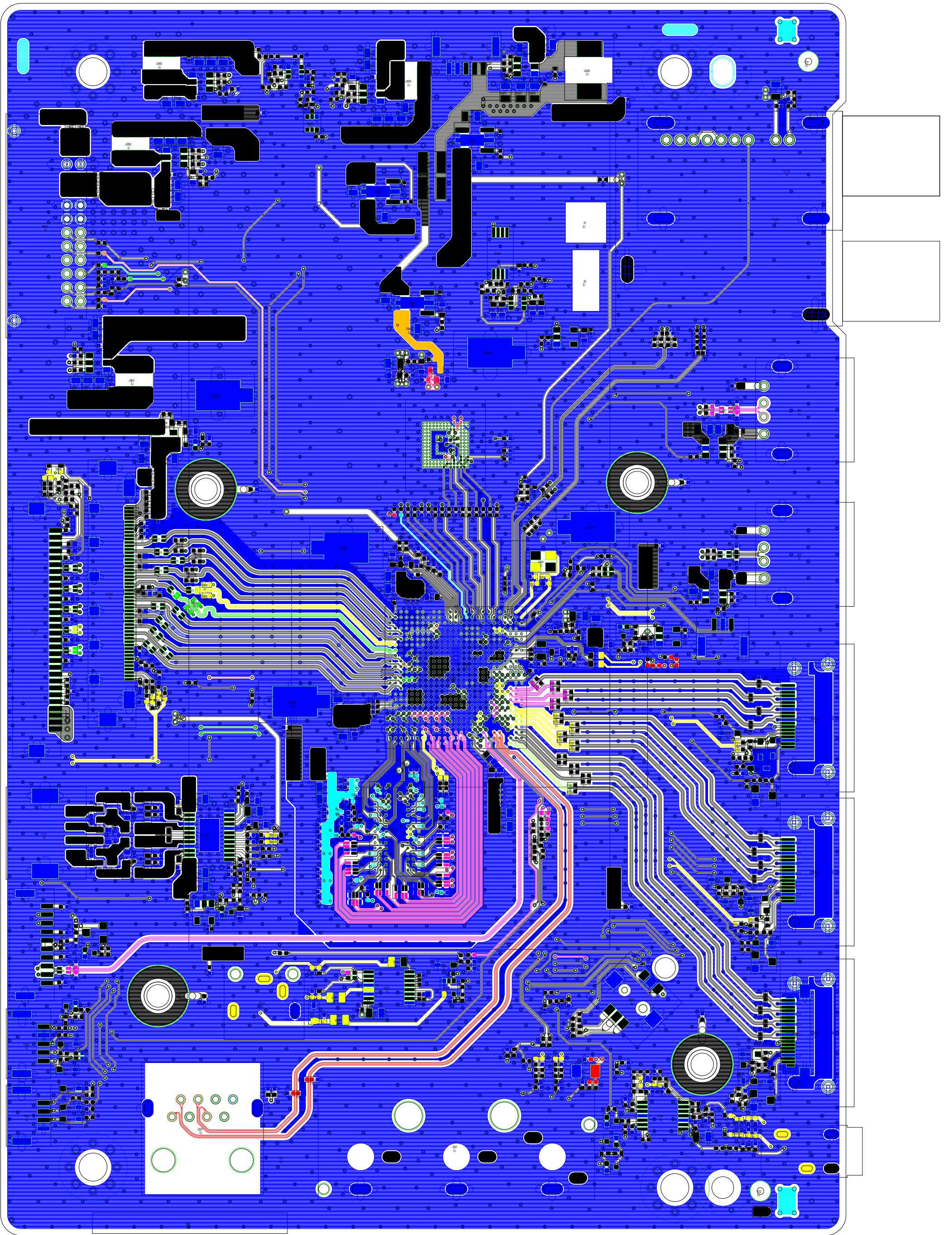
MP 20190510Z

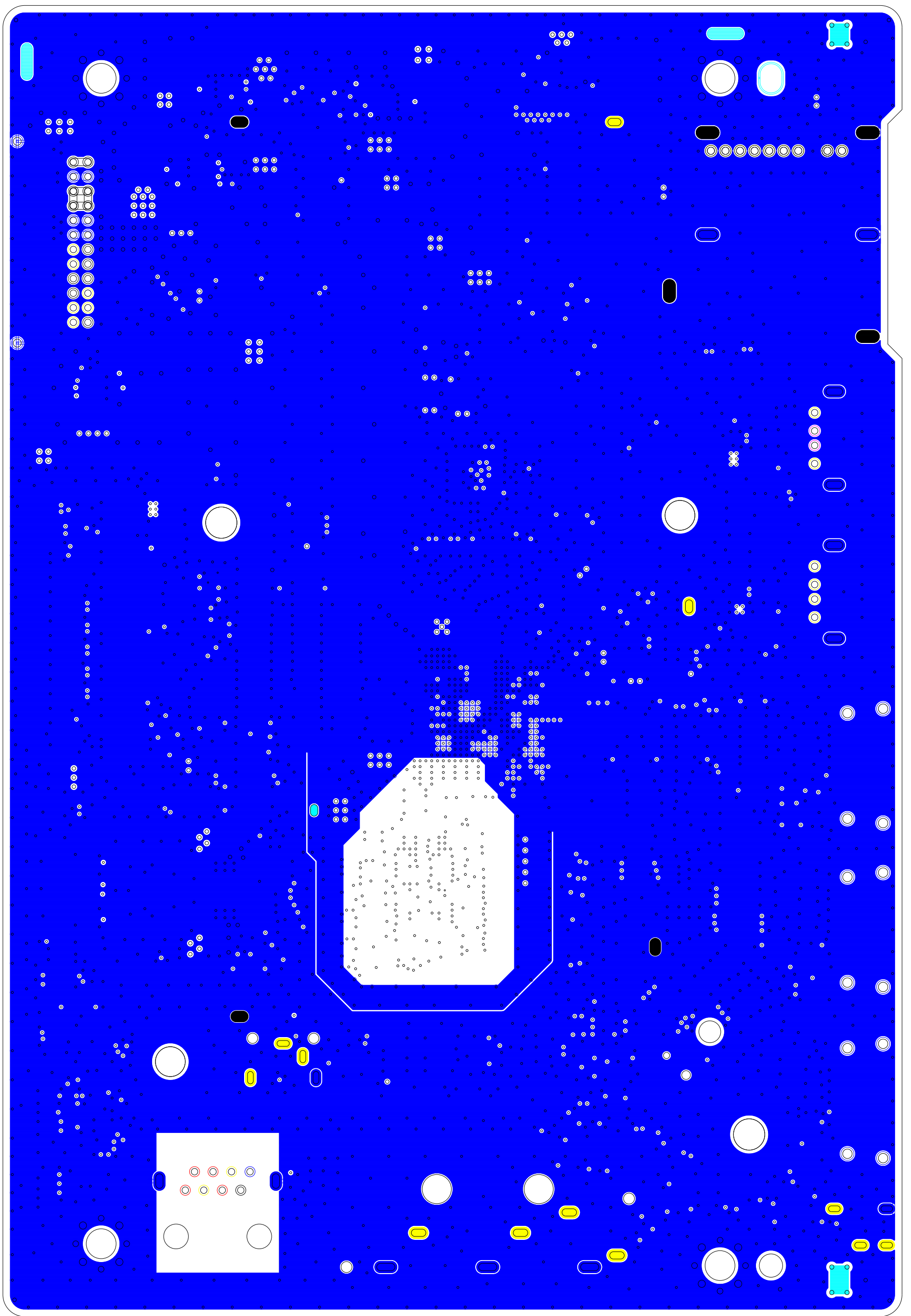


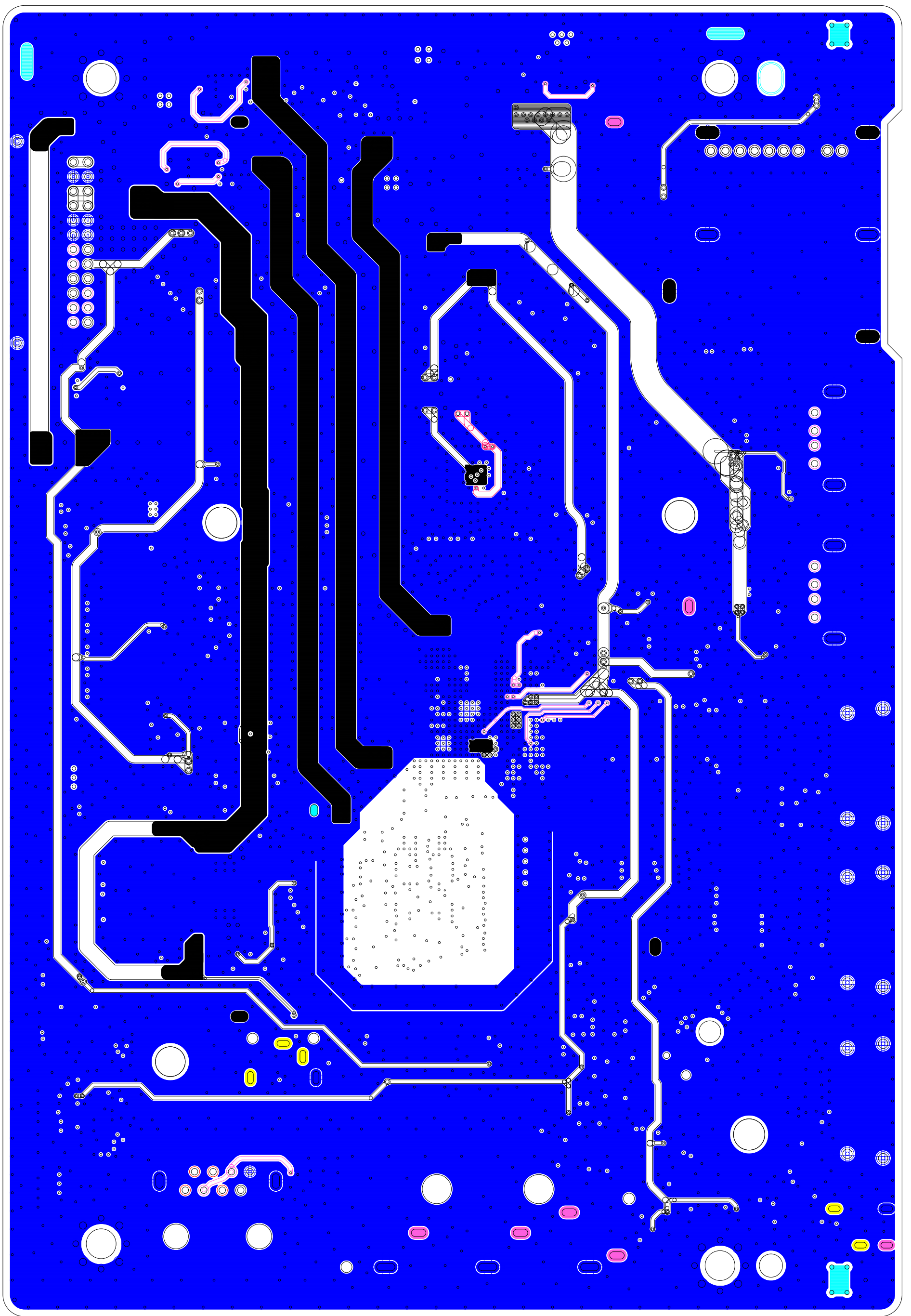
R/C LED

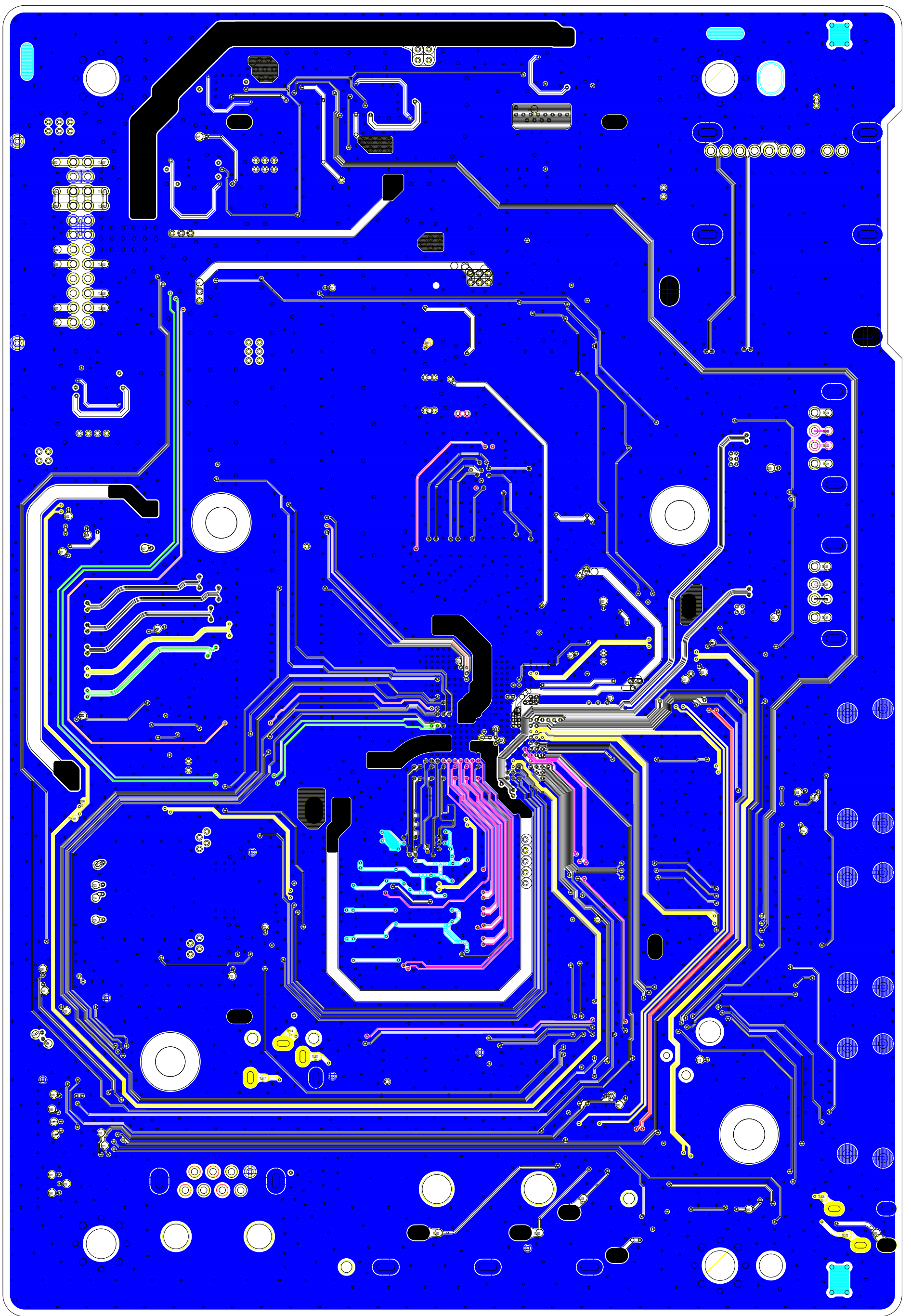
(2017.10.26)











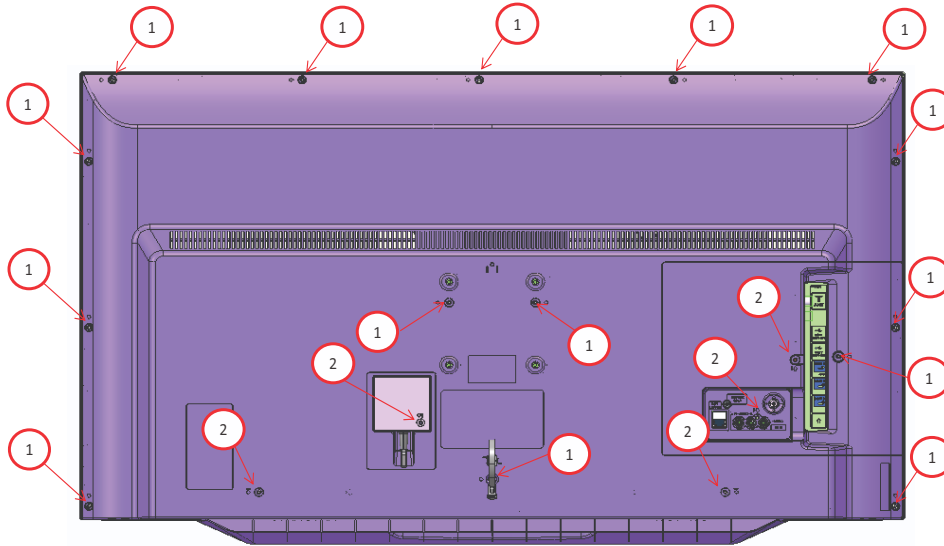
CHAPTER 8. MAJOR REMOVING PARTS

[1] MAJOR REMOVING PARTS

2T-C42BG1X-HK

[1] REMOVING BACK COVER & AC CORD COVER.

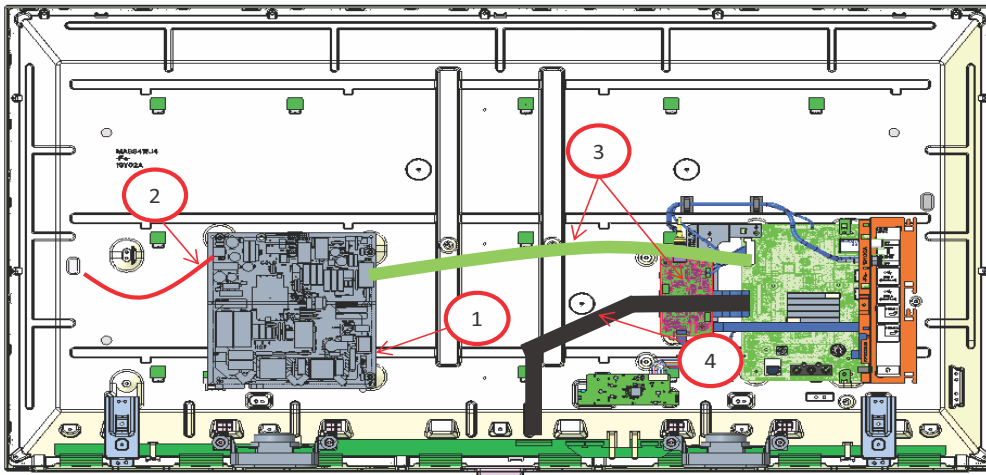
1. Remove the 14 screws ① and 5 screws ②.



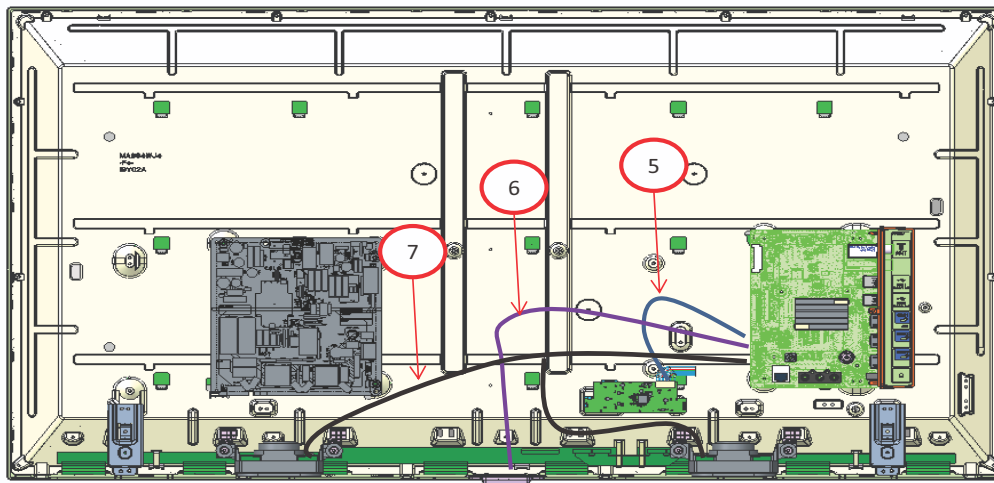
2T-C42BG1X-HK

[2] REMOVING PWB, SPEAKER AND WIRE HARNESS PARTS

1. Disconnect and remove AC Cord ① & LED BL Wire ②.
2. Disconnect and remove Dongle Unit & PD WIRE ③.
3. Disconnect and remove LVDS FFC ④.

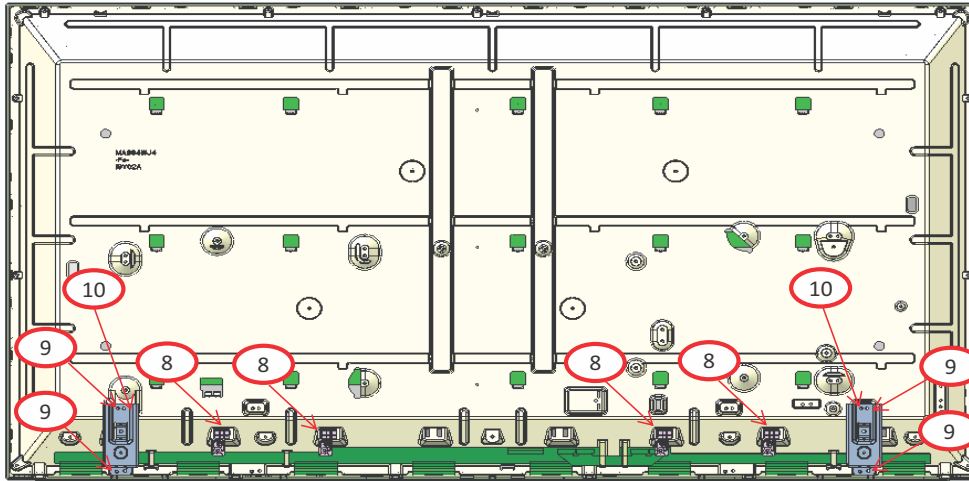


4. Disconnect Wifi wire & remove wifi holder ⑤.
5. Disconnect IR wire & remove KS RC Unit ⑥.
6. Disconnect and remove the speaker set ⑦.

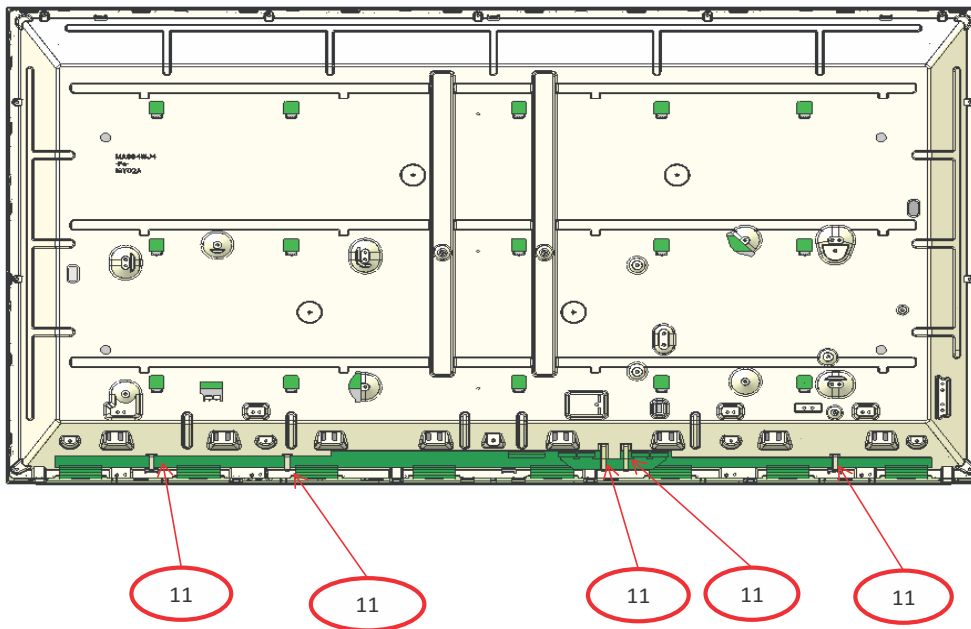


7. Remove speaker holder (8).

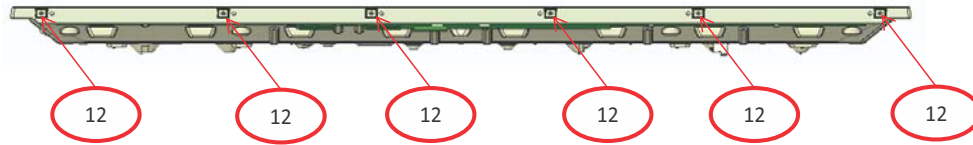
8. Remove 4 screws (9) and remove bottom bracket (10).



9. Open 5 WH (11) & take out the panel source PWB.



10. Remove 5 screws (12).



11. Remove KS Cab-A (13).

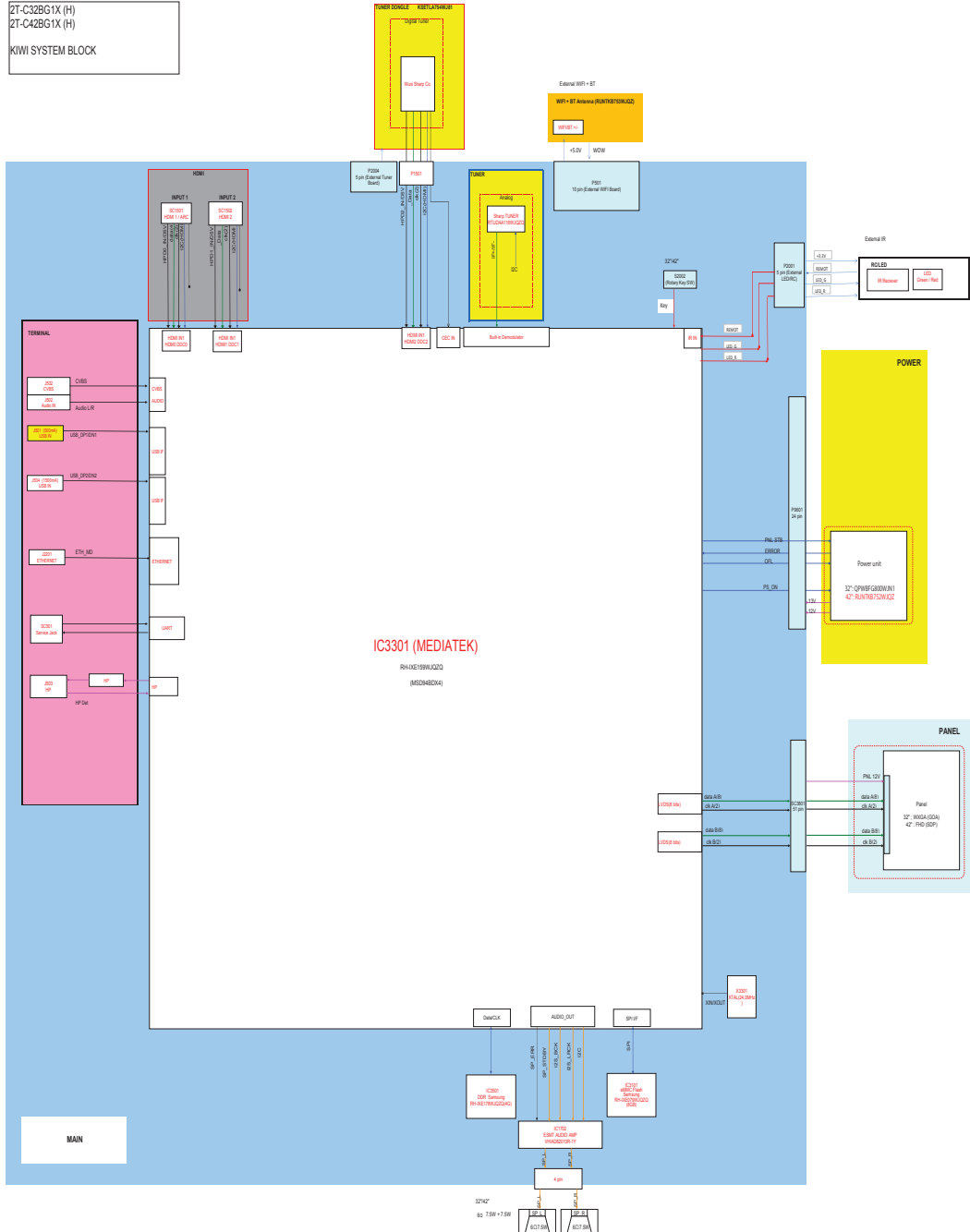


CHAPTER 9. SYSTEM BLOCK DIAGRAM

2T-C32/42BG1X(H)

[1] SYSTEM BLOCK DIAGRAM

2T-C32BG1X (H)
2T-C42BG1X (H)
KIWI SYSTEM BLOCK



SHARP PARTS GUIDE

No. S70M452T-C32/42BG1X(H)



LED BACKLIGHT TV

MODEL :2T-C32BG1X
:2T-C42BG1X

For HongKong

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| [2] LCD PANEL | [8] SUPPLIED ACCESSORIES (2T-C32BG1X) |
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Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

[1] PRINTED WIRING BOARD ASSEMBLIES

N	DKEYMG985FM15	CC	V	MAIN UNIT (FOR HK) (32")
N	DUNTKG800FM03	BH	V	POWER UNIT (32")
N	DUNTKG811FM02	AH	V	LED/IR UNIT (32")
N	RUNTKB753WJN1	BM	V	WIFI UNIT (32")
N	KSETLA754WJ81	BW	V	DTMB UNIT (32")
N	QCNW-R188WJPZ		V	LED BL WIRE (32")
N	QCNW-R201WJPZ		V	LED IR WIRE (32")
N	QCNW-R202WJPZ	AN	V	PD WIRE (32")
N	QCNW-R794WJPZ	AL	V	LVDS FFC (32")
N	QCNW-R994WJPZ	AP	V	WIFI WIRE (32")
N	QCNW-R996WJPZ		V	5V WIRE (32")
N	QCNW-R997WJPZ		V	DTMB FFC (32")
N	QCNW-S002WJPZ		V	RF WIRE (32")
N	DKEYMG985FM35		V	MAIN UNIT (FOR HK) (42")
N	RUNTKB752WJQZ	BH	V	POWER UNIT (42")
N	DUNTKG677FM03	AP	V	LED/IR UNIT (42")
N	RUNTKB753WJN1	BM	V	WIFI UNIT (42")
N	KSETLA754WJ81	BW	V	DTMB UNIT (42")
N	QCNW-R909WJPZ		V	LED BL WIRE (42")
N	QCNW-P415WJN1		V	LED IR WIRE (42")
N	QCNW-R915WJPZ	AQ	V	PD WIRE (42")
N	QCNW-R916WJPZ	AQ	V	LVDS FFC (42")
N	QCNW-R994WJPZ	AP	V	WIFI WIRE (42")
N	QCNW-R996WJPZ		V	5V WIRE (42")
N	QCNW-R998WJPZ		V	DTMB FFC (42")
N	QCNW-S002WJPZ		V	RF WIRE (42")

[2] LCD PANEL

N	R1LK315T3HC60T	BW	V	TFT LCD OPEN CELL (32")
N	CLCDA700WEA2	CA	V	PANEL ASSEMBLY (32")
N	RUNTKB594WJN1	AV	V	LED BAR (32")
N	R1JE415D3HA00S	CF	V	TFT LCD OPEN CELL (42")
N	CLCDA575WEA2	CK	V	PANEL ASSEMBLY (42")
N	RUNTKB767WJZZ	AW	V	LED BAR (42")

[3] MAIN UNIT (DKEYMG985FM15/35)

IC 3101	RH-iXE079WJQZQ		V	KLM8G1GETF-B041006
P 1501	QCNCWB239WJZZY		V	CONNECTOR
J 0503	QJAKJA054WJQZY	AD	V	JACK
SC 0501	QJAKJA056WJZZQ	AE	V	JACK
J 2201	QJAKZA159WJQZQ	AR	V	JACK
P 1701	QPLGNB092WJZZY	AD	V	PLUG
P 2003	QPLGNB148WJZZY	AC	V	PLUG
P 2002	QPLGNB150WJZZY	AC	V	PLUG
P 2004	QPLGNB150WJZZY	AC	V	PLUG
P 0501	QPLGNB260WJZZY	AC	V	PLUG
P 9601	QPLGNB360WJZZY	AD	V	PLUG
SC 3801	QSOCNB144WJQZY	AF	V	SOCKET
J 0501	QSOCZA370WJQZY	AD	V	SOCKET
J 0504	QSOCZA370WJQZY	AD	V	SOCKET
SC 1501	QSOCZA390WJQZY	AE	V	SOCKET
SC 1502	QSOCZA390WJQZY	AE	V	SOCKET
S 2002	QSW-KA053WJZZY	AK	V	SWITCH
J 0502	QTANJA159WJQZQ	AF	V	TERMINAL
FB 0506	RBLN-0104TAZZY	AB	V	BALUN
FB 0507	RBLN-0104TAZZY	AB	V	BALUN
FB 0503	RBLN-0244TAZZY	AB	V	BALUN
FB 1701	RBLN-A371WJQZY	AB	V	BALUN
FB 1702	RBLN-A371WJQZY	AB	V	BALUN
FB 1703	RBLN-A371WJQZY	AB	V	BALUN
FB 1704	RBLN-A371WJQZY	AB	V	BALUN
FB 3191	RBLN-A371WJQZY	AB	V	BALUN
FB 3501	RBLN-A371WJQZY	AB	V	BALUN
FB 9620	RBLN-A371WJQZY	AB	V	BALUN
FB 1705	RBLN-A384WJQZY		V	BALUN
FB 1706	RBLN-A384WJQZY		V	BALUN
FB 1707	RBLN-A384WJQZY		V	BALUN
FB 1708	RBLN-A384WJQZY		V	BALUN
FB 0501	RBLN-A589WJQZY	AA	V	BALUN
FB 0502	RBLN-A589WJQZY	AA	V	BALUN
FB 0504	RBLN-A589WJQZY	AA	V	BALUN
FB 0505	RBLN-A589WJQZY	AA	V	BALUN
FB 0511	RBLN-A589WJQZY	AA	V	BALUN
FB 9601	RBLN-A589WJQZY	AA	V	BALUN
FB 9602	RBLN-A589WJQZY	AA	V	BALUN
FB 9604	RBLN-A589WJQZY	AA	V	BALUN
FB 9606	RBLN-A589WJQZY	AA	V	BALUN
FB 9607	RBLN-A589WJQZY	AA	V	BALUN
FB 9616	RBLN-A589WJQZY	AA	V	BALUN
FB 3301	RBLN-A592WJQZY	AH	V	BALUN
FB 3302	RBLN-A592WJQZY	AH	V	BALUN
FB 0510	RBLN-A593WJQZY	AA	V	BALUN
FB 0512	RBLN-A593WJQZY	AA	V	BALUN
FB 0513	RBLN-A593WJQZY	AA	V	BALUN
FB 0514	RBLN-A593WJQZY	AA	V	BALUN
FB 1104	RBLN-A593WJQZY	AA	V	BALUN
FB 1105	RBLN-A593WJQZY	AA	V	BALUN

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
FB 1106	RBLN-A593WJQZY	AA		V	BALUN
FB 2004	RBLN-A593WJQZY	AA		V	BALUN
FB 2005	RBLN-A593WJQZY	AA		V	BALUN
FB 2006	RBLN-A593WJQZY	AA		V	BALUN
FB 2007	RBLN-A593WJQZY	AA		V	BALUN
FB 3802	RBLN-A593WJQZY	AA		V	BALUN
FB 3803	RBLN-A593WJQZY	AA		V	BALUN
FB 3804	RBLN-A593WJQZY	AA		V	BALUN
FB 3805	RBLN-A593WJQZY	AA		V	BALUN
FB 3806	RBLN-A593WJQZY	AA		V	BALUN
FB 3807	RBLN-A593WJQZY	AA		V	BALUN
FB 3808	RBLN-A593WJQZY	AA		V	BALUN
FB 3809	RBLN-A593WJQZY	AA		V	BALUN
FB 3810	RBLN-A593WJQZY	AA		V	BALUN
FB 3811	RBLN-A593WJQZY	AA		V	BALUN
FB 9603	RBLN-A593WJQZY	AA		V	BALUN
FB 9614	RBLN-A593WJQZY	AA		V	BALUN
FB 9615	RBLN-A593WJQZY	AA		V	BALUN
C 3379	RC-KZA520WJQZY	AA		V	CAPACITOR
C 1713	RC-KZA709WJQZY	AA		V	CAPACITOR
C 1716	RC-KZA709WJQZY	AA		V	CAPACITOR
C 1718	RC-KZA709WJQZY	AA		V	CAPACITOR
C 1721	RC-KZA709WJQZY	AA		V	CAPACITOR
C 9654	RC-KZA709WJQZY	AA		V	CAPACITOR
C 3360	RC-KZA936WJZZY	AA		V	CAPACITOR
C 3364	RC-KZA936WJZZY	AA		V	CAPACITOR
C 3365	RC-KZA936WJZZY	AA		V	CAPACITOR
C 3367	RC-KZA936WJZZY	AA		V	CAPACITOR
C 3368	RC-KZA936WJZZY	AA		V	CAPACITOR
C 3377	RC-KZB032WJZZY	AA		V	CAPACITOR
C 1738	RC-KZB125WJQZY	AD		V	CAPACITOR
C 1741	RC-KZB125WJQZY	AD		V	CAPACITOR
C 3826	RC-KZB125WJQZY	AD		V	CAPACITOR
C 3326	RC-KZB127WJQZY	AC		V	CAPACITOR
C 3336	RC-KZB127WJQZY	AC		V	CAPACITOR
C 3349	RC-KZB127WJQZY	AC		V	CAPACITOR
C 3599	RC-KZB127WJQZY	AC		V	CAPACITOR
C 9623	RC-KZB127WJQZY	AC		V	CAPACITOR
C 9658	RC-KZB127WJQZY	AC		V	CAPACITOR
C 9659	RC-KZB127WJQZY	AC		V	CAPACITOR
C 9660	RC-KZB127WJQZY	AC		V	CAPACITOR
C 0501	RC-KZB134WJQZY	AA		V	CAPACITOR
C 0502	RC-KZB134WJQZY	AA		V	CAPACITOR
C 0506	RC-KZB134WJQZY	AA		V	CAPACITOR
C 0524	RC-KZB134WJQZY	AA		V	CAPACITOR
C 0525	RC-KZB134WJQZY	AA		V	CAPACITOR
C 0527	RC-KZB134WJQZY	AA		V	CAPACITOR
C 1114	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3112	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3301	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3324	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3327	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3337	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3355	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3372	RC-KZB134WJQZY	AA		V	CAPACITOR
C 3595	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9602	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9603	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9605	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9611	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9613	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9617	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9619	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9639	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9641	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9643	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9645	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9646	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9647	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9669	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9670	RC-KZB134WJQZY	AA		V	CAPACITOR
C 9679	RC-KZB134WJQZY	AA		V	CAPACITOR
C 1702	RC-KZB135WJQZY	AB		V	CAPACITOR
C 1710	RC-KZB135WJQZY	AB		V	CAPACITOR
C 1723	RC-KZB135WJQZY	AB		V	CAPACITOR
C 1740	RC-KZB135WJQZY	AB		V	CAPACITOR
C 3824	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9607	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9608	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9616	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9628	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9629	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9636	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9650	RC-KZB135WJQZY	AB		V	CAPACITOR
C 9651	RC-KZB135WJQZY	AB		V	CAPACITOR

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
C 0507	RC-KZB146WJQZY	AA		V	CAPACITOR
C 0508	RC-KZB146WJQZY	AA		V	CAPACITOR
C 0509	RC-KZB146WJQZY	AA		V	CAPACITOR
C 0510	RC-KZB146WJQZY	AA		V	CAPACITOR
C 0512	RC-KZB146WJQZY	AA		V	CAPACITOR
C 1102	RC-KZB146WJQZY	AA		V	CAPACITOR
C 1107	RC-KZB146WJQZY	AA		V	CAPACITOR
C 1108	RC-KZB146WJQZY	AA		V	CAPACITOR
C 1111	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3303	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3304	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3305	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3307	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3308	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3315	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3320	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3321	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3330	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3331	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3332	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3334	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3335	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3338	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3339	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3340	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3347	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3348	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3351	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3352	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3353	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3357	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3359	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3362	RC-KZB146WJQZY	AA		V	CAPACITOR
C 3373	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9604	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9612	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9614	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9618	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9622	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9627	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9630	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9633	RC-KZB146WJQZY	AA		V	CAPACITOR
C 9644	RC-KZB146WJQZY	AA		V	CAPACITOR
C 0505	RC-KZB310WJQZY			V	CAPACITOR
C 0517	RC-KZB310WJQZY			V	CAPACITOR
C 0520	RC-KZB310WJQZY			V	CAPACITOR
C 0521	RC-KZB310WJQZY			V	CAPACITOR
C 3316	RC-KZB310WJQZY			V	CAPACITOR
C 3363	RC-KZB310WJQZY			V	CAPACITOR
C 9638	RC-KZB310WJQZY			V	CAPACITOR
C 9649	RC-KZB310WJQZY			V	CAPACITOR
C 9671	RC-KZB310WJQZY			V	CAPACITOR
C 3110	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3111	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3302	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3310	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3311	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3322	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3328	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3350	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3356	RC-KZC748WJQZY	AB		V	CAPACITOR
C 3361	RC-KZC748WJQZY	AB		V	CAPACITOR
C 9652	RC-KZC748WJQZY	AB		V	CAPACITOR
C 0503	RC-KZC803WJQZY			V	CAPACITOR
C 0526	RC-KZC803WJQZY			V	CAPACITOR
C 0528	RC-KZC803WJQZY			V	CAPACITOR
C 0529	RC-KZC803WJQZY			V	CAPACITOR
C 0530	RC-KZC803WJQZY			V	CAPACITOR
C 1115	RC-KZC803WJQZY			V	CAPACITOR
C 1706	RC-KZC803WJQZY			V	CAPACITOR
C 1707	RC-KZC803WJQZY			V	CAPACITOR
C 3103	RC-KZC803WJQZY			V	CAPACITOR
C 3369	RC-KZC803WJQZY			V	CAPACITOR
C 3370	RC-KZC803WJQZY			V	CAPACITOR
C 3371	RC-KZC803WJQZY			V	CAPACITOR
L 0501	RCiLFA154WJZZY	AC		V	COIL
L 0502	RCiLFA154WJZZY	AC		V	COIL
L 0503	RCiLFA154WJZZY	AC		V	COIL
L 3801	RCiLFA154WJZZY	AC		V	COIL
L 3802	RCiLFA154WJZZY	AC		V	COIL
L 3803	RCiLFA154WJZZY	AC		V	COIL
L 3804	RCiLFA154WJZZY	AC		V	COIL
L 3805	RCiLFA154WJZZY	AC		V	COIL
L 9601	RCiLPB087WJQZY	AC		V	COIL
L 9602	RCiLPB087WJQZY	AC		V	COIL

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
L 9604	RCiLPB087WJQZY	AC		V	COIL
L 9605	RCiLPB087WJQZY	AC		V	COIL
L 9603	RCiLPB557WJQZY	AD		V	COIL
X 3301	RCRSCA274WJQZY	AE		V	CRYSTAL
D 0502	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1517	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1518	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1519	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1520	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1521	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1522	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1523	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1524	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1525	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 1536	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 2004	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 2005	RH-EXA741WJQZY	AB		V	DZ2J056M0L
D 9601	RH-EXA741WJQZY	AB		V	DZ2J056M0L
TH 3301	RH-HXA047WJQZY	AB		V	NTCG103JF103HT
IC 3301	RH-iXE159WJQZQ			V	MSD94BDX4-3-0BIY
IC 3501	RH-iXE178WJQZQ			V	K4BG1646E-BCNB
VA 0507	RH-VXA005WJZZY	AA		V	AVR-M1005C270MTABB
TU 1102	RTUDAA116WJQZQ	AQ		V	TUNER
-	TLABNE421WJ01	AA		V	LABEL
C 1105	VGCCCZ1HH220JY	AB		V	22p 50V Ceramic
C 1106	VGCCCZ1HH220JY	AB		V	22p 50V Ceramic
C 9626	VGCCCZ1HH331JY	AA		V	330p 50V Ceramic
C 3312	VGCCCZ1HH8R0DY	AA		V	80p 50V Ceramic
C 3313	VGCCCZ1HH8R0DY	AA		V	80p 50V Ceramic
C 0511	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 0515	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 0516	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 0518	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 0519	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 1113	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 3346	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 3524	VCKYCD1EB102KY	AA		V	1000p 25V Ceramic
C 1724	VCKYCY1HB222KY	AA		V	2200p 50V Ceramic
C 1725	VCKYCY1HB222KY	AA		V	2200p 50V Ceramic
C 1726	VCKYCY1HB222KY	AA		V	2200p 50V Ceramic
C 1731	VCKYCY1HB222KY	AA		V	2200p 50V Ceramic
C 3101	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3102	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3105	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3108	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3109	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3391	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3392	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3393	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3502	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3503	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3525	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3532	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3533	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3534	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3535	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3536	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3537	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3538	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3539	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3540	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3541	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3542	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3543	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3554	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3555	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3556	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3557	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3558	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3559	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3560	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3561	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3562	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 3563	VCKYCY1AB104KY	AB		V	0.10 10V Ceramic
C 1121	VCKYCY1CB223KY	AC		V	0.022 16V Ceramic
C 3314	VCKYCY1CB473KY	AA		V	0.047 16V Ceramic
C 3318	VCKYCY1CB473KY	AA		V	0.047 16V Ceramic
C 0522	VCKYCY1EB103KY	AA		V	0.010 25V Ceramic
C 2202	VCKYCY1EB103KY	AA		V	0.010 25V Ceramic
C 2203	VCKYCY1EB103KY	AA		V	0.010 25V Ceramic
C 3518	VCKYCY1EB103KY	AA		V	0.010 25V Ceramic
C 1704	VCKYCY1EB104KY	AA		V	0.10 25V Ceramic
C 1712	VCKYCY1EB104KY	AA		V	0.10 25V Ceramic
C 1722	VCKYCY1EB104KY	AA		V	0.10 25V Ceramic
C 1739	VCKYCY1EB104KY	AA		V	0.10 25V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
C 1742	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9601	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9606	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9609	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9615	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9621	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9624	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9631	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9634	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9635	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
C 9640	VCKYCZ1EB104KY	AA		V	0.10 25V Ceramic
IC 9601	VHi3479A18P-1Y	AD		V	MM3479A18PRE
IC 9604	VHi3479A33P-1Y			V	MM3479A33PRE
IC 9605	VHi3479A33P-1Y			V	MM3479A33PRE
IC 0504	VHiAD22653B-1Y			V	AD22653B-QH14NAR
IC 1702	VHiAD82010R-1Y			V	AD82010-QG24NRR
IC 0503	VHiAHT1G08W-1Y	AD		V	74AHCT1G08GW/G,125
IC 0502	VHiM3221EiP-1Y	AK		V	MAX3221EIPWRG4
IC 9602	VHiN1708041-1Y			V	SN1708041DDCR
IC 9607	VHiPS565201-1Y	AG		V	TPS565201DDCR
IC 3302	VHiPST8429N-1Y	AB		V	IC-PST8429NR
IC 3304	VHiT3840L25-1Y			V	TPS3840PL25DBVR
IC 0501	VHiTPS25221-1Y	AD		V	TPS25221DBVR
IC 0505	VHiTPS25221-1Y	AD		V	TPS25221DBVR
IC 9603	VHiTPS56320-1Y	AE		V	TPS563200DDCR
IC 9606	VHiTPS56320-1Y	AE		V	TPS563200DDCR
IC 9608	VHiTPS56320-1Y	AE		V	TPS563200DDCR
R 0511	VRK-SA1JF101JY	AC		V	100 1/16W Metal Composition
R 2004	VRK-SA1JF103JY	AB		V	10k 1/16W Metal Composition
R 0539	VRK-SA1JF472JY	AA		V	4.7k 1/16W Metal Composition
R 3523	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3524	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3525	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3526	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3527	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3532	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3533	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3534	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 3535	VRK-SB1FF101JY	AA		V	100 1/32W Metal Composition
R 0505	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0506	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0518	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0547	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0548	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0554	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0555	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0570	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 0571	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1107	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1108	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1109	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1110	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1113	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1117	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1118	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1501	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1502	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1503	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1504	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1505	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1506	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1507	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1508	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1530	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1533	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1537	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1540	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1541	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1542	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1545	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1546	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1547	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1555	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1556	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1557	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1558	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1559	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1560	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1561	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1562	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1730	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 2012	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3110	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3120	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3121	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
R 3122	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3123	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3124	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3125	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3126	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3127	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3128	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3129	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3305	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3317	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3324	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3326	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3359	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3803	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3815	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3816	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3823	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3824	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3825	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3826	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3830	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3831	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3832	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3833	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3834	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 3835	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 9613	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 9631	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 9632	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 9640	VRS-CZ1JF000JY	AA		V	0 1/16W Metal Oxide
R 1114	VRS-CZ1JF100JY	AA		V	10 1/16W Metal Oxide
R 0510	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1119	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1513	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1519	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1521	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1524	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1531	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1564	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1565	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1712	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1713	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1714	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1721	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1723	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 1724	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 2001	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 2003	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 3336	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 3337	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 3339	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 9612	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 3314	VRS-CZ1JF102FY	AA		V	1.0k 1/16W Metal Oxide
R 3315	VRS-CZ1JF102FY	AA		V	1.0k 1/16W Metal Oxide
R 3515	VRS-CZ1JF102FY	AA		V	1.0k 1/16W Metal Oxide
R 3516	VRS-CZ1JF102FY	AA		V	1.0k 1/16W Metal Oxide
R 0503	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 0525	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 0526	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 0544	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 0552	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 0557	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 0573	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 1510	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 1523	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 1569	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 3322	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 3323	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 3334	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9617	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9621	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9642	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9643	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9653	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9656	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9665	VRS-CZ1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 9604	VRS-CZ1JF103FY	AB		V	10k 1/16W Metal Oxide
R 9607	VRS-CZ1JF103FY	AB		V	10k 1/16W Metal Oxide
C 1705	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
C 1708	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0504	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0528	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0529	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0536	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0537	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
R 0541	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0553	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0559	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0561	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0562	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0564	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0565	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0566	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 0567	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1101	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1511	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1512	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1528	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1534	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1552	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1553	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1554	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1567	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1568	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 1707	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 3111	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 3119	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 3309	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 3316	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 3501	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 3529	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9618	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9627	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9637	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9641	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9651	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9661	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9666	VRS-CZ1JF103JY	AA		V	10k 1/16W Metal Oxide
R 9652	VRS-CZ1JF104FY	AB		V	100k 1/16W Metal Oxide
R 9657	VRS-CZ1JF104FY	AB		V	100k 1/16W Metal Oxide
R 9664	VRS-CZ1JF104FY	AB		V	100k 1/16W Metal Oxide
R 0551	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 1709	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 9601	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 9615	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 9622	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 9630	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 9650	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 9658	VRS-CZ1JF104JY	AA		V	100k 1/16W Metal Oxide
R 3318	VRS-CZ1JF105FY	AA		V	1.0M 1/16W Metal Oxide
R 2006	VRS-CZ1JF123FY	AA		V	12k 1/16W Metal Oxide
R 2007	VRS-CZ1JF123FY	AA		V	12k 1/16W Metal Oxide
R 9620	VRS-CZ1JF123FY	AA		V	12k 1/16W Metal Oxide
R 0519	VRS-CZ1JF123JY	AA		V	12k 1/16W Metal Oxide
R 0522	VRS-CZ1JF123JY	AA		V	12k 1/16W Metal Oxide
R 9605	VRS-CZ1JF124FY	AA		V	120k 1/16W Metal Oxide
R 9647	VRS-CZ1JF124FY	AA		V	120k 1/16W Metal Oxide
R 0556	VRS-CZ1JF152JY	AA		V	1.5k 1/16W Metal Oxide
R 9648	VRS-CZ1JF153FY	AA		V	15k 1/16W Metal Oxide
R 9655	VRS-CZ1JF154FY	AA		V	150k 1/16W Metal Oxide
R 1103	VRS-CZ1JF182JY	AA		V	1.8k 1/16W Metal Oxide
R 1104	VRS-CZ1JF182JY	AA		V	1.8k 1/16W Metal Oxide
R 9654	VRS-CZ1JF183FY	AA		V	18k 1/16W Metal Oxide
R 3828	VRS-CZ1JF183JY	AA		V	18k 1/16W Metal Oxide
R 3103	VRS-CZ1JF220JY	AA		V	22 1/16W Metal Oxide
R 3108	VRS-CZ1JF220JY	AA		V	22 1/16W Metal Oxide
R 3109	VRS-CZ1JF220JY	AA		V	22 1/16W Metal Oxide
R 3507	VRS-CZ1JF220JY	AA		V	22 1/16W Metal Oxide
R 3508	VRS-CZ1JF220JY	AA		V	22 1/16W Metal Oxide
R 0560	VRS-CZ1JF223JY	AA		V	22k 1/16W Metal Oxide
R 0563	VRS-CZ1JF223JY	AA		V	22k 1/16W Metal Oxide
R 1522	VRS-CZ1JF223JY	AA		V	22k 1/16W Metal Oxide
R 1525	VRS-CZ1JF223JY	AA		V	22k 1/16W Metal Oxide
R 1566	VRS-CZ1JF223JY	AA		V	22k 1/16W Metal Oxide
R 3333	VRS-CZ1JF223JY	AA		V	22k 1/16W Metal Oxide
R 9660	VRS-CZ1JF224FY	AA		V	220k 1/16W Metal Oxide
R 9663	VRS-CZ1JF224FY	AA		V	220k 1/16W Metal Oxide
R 1710	VRS-CZ1JF224JY	AA		V	220k 1/16W Metal Oxide
R 3310	VRS-CZ1JF241FY	AB		V	240 1/16W Metal Oxide
R 3311	VRS-CZ1JF241FY	AB		V	240 1/16W Metal Oxide
R 3519	VRS-CZ1JF241FY	AB		V	240 1/16W Metal Oxide
R 9659	VRS-CZ1JF274FY	AA		V	270k 1/16W Metal Oxide
R 9662	VRS-CZ1JF274FY	AA		V	270k 1/16W Metal Oxide
R 0532	VRS-CZ1JF330JY	AA		V	33 1/16W Metal Oxide
R 0533	VRS-CZ1JF330JY	AA		V	33 1/16W Metal Oxide
R 3319	VRS-CZ1JF330JY	AA		V	33 1/16W Metal Oxide
R 9610	VRS-CZ1JF333FY	AA		V	33k 1/16W Metal Oxide
R 9646	VRS-CZ1JF333FY	AA		V	33k 1/16W Metal Oxide
R 0558	VRS-CZ1JF333JY	AA		V	33k 1/16W Metal Oxide
R 3321	VRS-CZ1JF333JY	AA		V	33k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[3] MAIN UNIT (DKEYMG985FM15/35)					
R 3329	VRS-CZ1JF333JY	AA		V	33k 1/16W Metal Oxide
R 2011	VRS-CZ1JF471JY	AA		V	470 1/16W Metal Oxide
R 1705	VRS-CZ1JF472FY	AA		V	4.7k 1/16W Metal Oxide
R 1706	VRS-CZ1JF472FY	AA		V	4.7k 1/16W Metal Oxide
R 0508	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 0509	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 3302	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 3306	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 3332	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 3338	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 3340	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 3844	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 9614	VRS-CZ1JF472JY	AA		V	4.7k 1/16W Metal Oxide
R 0512	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 0550	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1509	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1517	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1518	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1520	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1570	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1571	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 3829	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 9644	VRS-CZ1JF473JY	AA		V	47k 1/16W Metal Oxide
R 1115	VRS-CZ1JF474JY	AA		V	470k 1/16W Metal Oxide
R 9611	VRS-CZ1JF510FY	AA		V	51 1/16W Metal Oxide
R 9645	VRS-CZ1JF510FY	AA		V	51 1/16W Metal Oxide
R 3505	VRS-CZ1JF560JY	AA		V	56 1/16W Metal Oxide
R 3506	VRS-CZ1JF560JY	AA		V	56 1/16W Metal Oxide
R 0523	VRS-CZ1JF562JY	AA		V	5.6k 1/16W Metal Oxide
R 9602	VRS-CZ1JF563FY	AA		V	56k 1/16W Metal Oxide
R 3320	VRS-CZ1JF680JY	AB		V	68 1/16W Metal Oxide
R 9608	VRS-CZ1JF681FY	AA		V	680 1/16W Metal Oxide
R 3502	VRS-CZ1JF681JY	AA		V	680 1/16W Metal Oxide
R 3503	VRS-CZ1JF681JY	AA		V	680 1/16W Metal Oxide
R 3307	VRS-CZ1JF682FY	AA		V	6.8k 1/16W Metal Oxide
R 9623	VRS-CZ1JF683FY	AA		V	68k 1/16W Metal Oxide
R 0501	VRS-CZ1JF753FY	AA		V	75k 1/16W Metal Oxide
R 0542	VRS-CZ1JF821JY	AA		V	820 1/16W Metal Oxide
R 0543	VRS-CZ1JF821JY	AA		V	820 1/16W Metal Oxide
R 9606	VRS-CZ1JF822FY	AA		V	8.2k 1/16W Metal Oxide
R 2005	VRS-CZ1JF822JY	AA		V	8.2k 1/16W Metal Oxide
R 2008	VRS-CZ1JF822JY	AA		V	8.2k 1/16W Metal Oxide
R 9609	VRS-CZ1JF912FY	AA		V	9.1k 1/16W Metal Oxide
R 0527	VRS-TQ2EF750JY	AA		V	75 1/4W Metal Oxide
R 0514	VRS-TV1JD101JY	AA		V	100 1/16W Metal Oxide
R 0515	VRS-TV1JD101JY	AA		V	100 1/16W Metal Oxide
R 0516	VRS-TV1JD101JY	AA		V	100 1/16W Metal Oxide
R 9628	VRS-TW2HF1R0JY	AA		V	1.0 1/2W Metal Oxide
Q 3804	VSAO6405+++1Y	AD		V	AO6405
Q 0502	VSKRC402E+++1Y	AB		V	
Q 2001	VSKRC402E+++1Y	AB		V	
Q 3301	VSKRC402E+++1Y	AB		V	
Q 3803	VSKRC402E+++1Y	AB		V	
Q 0501	VSKTA1535T+-1Y	AC		V	KTA1535T-RTK/P
Q 1501	VSKTC3875SG-1Y	AB		V	
Q 1502	VSKTC3875SG-1Y	AB		V	
Q 1503	VSKTC3875SG-1Y	AB		V	
Q 0503	VSLTC014YEB-1Y	AA		V	LTC014YEBFS8TL
Q 0504	VSLTC014YEB-1Y	AA		V	LTC014YEBFS8TL
Q 9601	VSUM6K33N+-1Y	AC		V	UM6K33NTN
Q 9602	VSUM6K33N+-1Y	AC		V	UM6K33NTN
-	ZHNDAL81-R01E			V	
-	ZHNDAL1127R01E			V	
[4] LED/IR UNIT					
P 0151	QPLGNB150WJZZY	AC		V	PLUG
-	QPWBN811WJZZ			V	PRINTED WIRING BOARD
C 0157	RC-KZB134WJQZY	AA		V	CAPACITOR
D 0152	RH-PXA264WJQZY			V	S191USR21-MTH-E
D 0153	RH-PXA265WJQZY			V	S191UYG21-MTH-E
-	TLABNE421WJ01	AA		V	LABEL
R 0151	VRS-CZ1JF101JY	AA		V	100 1/16W Metal Oxide
R 0158	VRS-CZ1JF272JY	AA		V	2.7k 1/16W Metal Oxide
R 0159	VRS-CZ1JF822JY	AA		V	8.2k 1/16W Metal Oxide
Q 0152	VSKRC402E+++1Y	AB		V	
Q 0153	VSKRC402E+++1Y	AB		V	
-	ZHNDALA7-R01E			V	
RMC0151	RRMUA088WJZZ	AE		V	REMOTE RECEIVER

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[5] POWER UNIT					
-	CRDARB271WE04			V	
-	LX-BZ3415GEFD	AA		V	SCREW
RDA7101	PRDARB271WJFW	AF		V	HEAT SINK
D 7103	VHDMBR20U20FG	AF		V	MBRF20U200CTA-U/P
-	LX-BZ3415GEFD	AA		V	SCREW
RDA7102	PRDARB271WJFW	AF		V	HEAT SINK
D 7107	VHDMBR20U20FG	AF		V	MBRF20U200CTA-U/P
-	LX-BZ3415GEFD	AA		V	SCREW
RDA7001	PRDARB271WJFW	AF		V	HEAT SINK
Q 7002	VSKPS15N65F-1			V	KPS15N65F-U/PF
HM 7002	LX-GZA010WJZZ	AB		V	SCREW
HM 7101	LX-GZA010WJZZ	AB		V	SCREW
HM 7001	LX-GZA011WJZZ	AB		V	SCREW
HM 7005	LX-GZA011WJZZ	AB		V	SCREW
HM 7006	LX-GZA011WJZZ	AB		V	SCREW
HM 7102	LX-GZA011WJZZ	AB		V	SCREW
HM 7103	LX-GZA011WJZZ	AB		V	SCREW
JA 7003	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7004	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7005	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7006	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7008	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7009	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7010	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7011	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7012	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7014	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7017	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7018	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7019	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7020	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7023	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7024	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7025	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7026	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7104	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7105	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7801	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7803	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7804	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7805	QJUM-0001AJFWY	AA		V	JUMPER WIRE
JA 7806	QJUM-0001AJFWY	AA		V	JUMPER WIRE
R 7003	QJUM-0001AJFWY	AA		V	JUMPER WIRE
-	QPWBF800WJN3			V	PRINTED WIRING BOARD
FB 7101	RBLN-A609WJQZY			V	BALUN
FB 7102	RBLN-A609WJQZY			V	BALUN
FB 7801	RBLN-A609WJQZY			V	BALUN
D 7011	RH-DX0321CEZZY	AC		V	EG01CV1
D 7005	RH-DXA095WJZZY	AB		V	1N4004G
D 7102	RH-DXA095WJZZY	AB		V	1N4004G
D 7001	RH-DXA198WJZZY	AE		V	GPP20M
D 7002	RH-DXA198WJZZY	AE		V	GPP20M
D 7003	RH-DXA198WJZZY	AE		V	GPP20M
D 7004	RH-DXA198WJZZY	AE		V	GPP20M
R 7016	RR-HZ0014GEZZY	AE		V	RESISTOR
R 7001	RR-HZ0041CEZZY	AB		V	RESISTOR
-	TLABNE421WJ01	AA		V	LABEL
R 7008	VRD-RA2BE102JY	AA		V	1.0k 1/8W Carbon
R 7018	VRD-RA2BE1R0JY	AA		V	1.0 1/8W Carbon
R 7005	VRD-RA2BE224JY	AA		V	220k 1/8W Carbon
R 7006	VRD-RA2BE224JY	AA		V	220k 1/8W Carbon
R 7007	VRD-RA2BE224JY	AA		V	220k 1/8W Carbon
R 7121	VRD-RM2HD100JY	AA		V	10 1/2W Carbon
R 7105	VRD-RM2HD471JY	AA		V	470 1/2W Carbon
R 7116	VRD-RM2HD471JY	AA		V	470 1/2W Carbon
R 7014	VRN-VV3ABR27JY			V	0.27 1W Metal Film
R 7015	VRN-VV3ABR27JY			V	0.27 1W Metal Film
LUG7001	QEARPA210WJQZ+	AB		V	GROUND-PART
LUG7002	QEARPA210WJQZ+	AB		V	GROUND-PART
LUG7003	QEARPA210WJQZ+	AB		V	GROUND-PART
C 7133	RC-EZA169WJZZ+	AD		V	CAPACITOR
C 7031	RC-EZB326WJZZ+	AB		V	CAPACITOR
C 7131	RC-EZB384WJZZ+	AE		V	CAPACITOR
C 7831	RC-EZB384WJZZ+	AE		V	CAPACITOR
C 7011	RC-KZB072WJQZ+			V	CAPACITOR
C 7116	RC-KZB117WJZZ+	AD		V	CAPACITOR
C 7111	RC-KZB160WJZZ+			V	CAPACITOR
C 7112	RC-KZB160WJZZ+			V	CAPACITOR
L 7801	RCiLPB672WJQZ+	AE		V	COIL
C 7103	VCCSPA2HL220K+	AB		V	22p 500V Ceramic
C 7117	VCCSPA2HL220K+	AB		V	22p 500V Ceramic
C 7101	VCKYPA2HB471K+	AA		V	470p 500V Ceramic
R 7010	VRS-RG3DB473J+	AB		V	47k 2W Metal Oxide
R 7011	VRS-RG3DB473J+	AB		V	47k 2W Metal Oxide
RJ 7002	RBLN-A371WJQZY	AB		V	BALUN

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[5] POWER UNIT					
FB 7802	RBLN-A600WJQZY			V	BALUN
C 7809	RC-KZA416WJZZY	AC		V	CAPACITOR
C 7812	RC-KZB149WJZZY			V	CAPACITOR
C 7802	RC-KZC794WJQZY			V	CAPACITOR
C 7806	RC-KZC794WJQZY			V	CAPACITOR
C 7807	RC-KZC794WJQZY			V	CAPACITOR
C 7808	RC-KZC794WJQZY			V	CAPACITOR
D 7007	RH-DXA251WJQZY	AD		V	DA2J10800L
D 7009	RH-DXA251WJQZY	AD		V	DA2J10800L
D 7010	RH-DXA251WJQZY	AD		V	DA2J10800L
D 7109	RH-EXA722WJQZY	AB		V	DZ2J160M0L
D 7006	RH-EXA726WJQZY			V	DZ2J200M0L
Q 7801	RH-TXA078WJZZY	AG		V	MDD1902RH
R 7820	RR-SZA268WJZZY	AB		V	RESISTOR
R 7805	RR-SZA294WJZZY	AB		V	RESISTOR
R 7806	RR-SZA294WJZZY	AB		V	RESISTOR
R 7818	RR-SZA297WJZZY			V	RESISTOR
R 7827	RR-SZA310WJZZY			V	RESISTOR
C 7805	VCCCCY1HH161JY	AB		V	160p 50V Ceramic
C 7810	VCCCCY1HH161JY	AB		V	160p 50V Ceramic
C 7003	VCCCCY1HH220JY	AA		V	22p 50V Ceramic
C 7006	VCCCCY1HH220JY	AA		V	22p 50V Ceramic
C 7113	VCCCCY1HH331JY	AA		V	330p 50V Ceramic
C 7108	VCKYCY1EB103KY	AA		V	0.010 25V Ceramic
C 7002	VCKYCY1HB102KY	AA		V	1000p 50V Ceramic
C 7801	VCKYCY1HB103KY	AA		V	0.010 50V Ceramic
C 7005	VCKYCY1HB121KY	AB		V	120p 50V Ceramic
C 7803	VCKYCY1HB121KY	AB		V	120p 50V Ceramic
C 7811	VCKYCY1HB221KY	AA		V	220p 50V Ceramic
C 7804	VCKYCY1HB473KY	AA		V	0.047 50V Ceramic
IC 7001	VHiNCP1251B-1Y	AG		V	NCP1251BSN65T1G
IC 7101	VHiTL431GAE/1Y	AC		V	TL431G-AE2-R
IC 7801	VHiTPS61197-1Y	AK		V	TPS61197DR
R 7019	VPDER220K1R0NY	AB		V	Peaking 22µH
R 7809	VRS-CY1JF100FY	AB		V	10 1/16W Metal Oxide
R 7002	VRS-CY1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 7830	VRS-CY1JF102JY	AA		V	1.0k 1/16W Metal Oxide
R 7012	VRS-CY1JF103JY	AA		V	10k 1/16W Metal Oxide
R 7812	VRS-CY1JF103JY	AA		V	10k 1/16W Metal Oxide
R 7814	VRS-CY1JF104JY	AA		V	100k 1/16W Metal Oxide
R 7104	VRS-CY1JF153FY	AA		V	15k 1/16W Metal Oxide
R 7101	VRS-CY1JF182JY	AA		V	1.8k 1/16W Metal Oxide
R 7113	VRS-CY1JF222JY	AA		V	2.2k 1/16W Metal Oxide
R 7813	VRS-CY1JF223JY	AA		V	22k 1/16W Metal Oxide
R 7102	VRS-CY1JF271JY	AA		V	270 1/16W Metal Oxide
R 7107	VRS-CY1JF273FY	AA		V	27k 1/16W Metal Oxide
R 7815	VRS-CY1JF301JY	AA		V	300 1/16W Metal Oxide
R 7004	VRS-CY1JF334JY	AA		V	330k 1/16W Metal Oxide
R 7106	VRS-CY1JF392FY	AA		V	3.9k 1/16W Metal Oxide
R 7017	VRS-CY1JF394JY	AA		V	390k 1/16W Metal Oxide
R 7114	VRS-CY1JF470JY	AA		V	47 1/16W Metal Oxide
R 7115	VRS-CY1JF470JY	AA		V	47 1/16W Metal Oxide
R 7118	VRS-CY1JF470JY	AA		V	47 1/16W Metal Oxide
R 7119	VRS-CY1JF470JY	AA		V	47 1/16W Metal Oxide
R 7801	VRS-CY1JF474JY	AA		V	470k 1/16W Metal Oxide
R 7802	VRS-CY1JF474JY	AA		V	470k 1/16W Metal Oxide
R 7804	VRS-CY1JF513JY	AA		V	51k 1/16W Metal Oxide
R 7803	VRS-CY1JF683JY	AA		V	68k 1/16W Metal Oxide
R 7108	VRS-CY1JF823JY	AA		V	82k 1/16W Metal Oxide
R 7817	VRS-TV1JD000JY	AA		V	0 1/16W Metal Oxide
RJ 7102	VRS-TV1JD000JY	AA		V	0 1/16W Metal Oxide
RJ 7801	VRS-TV1JD000JY	AA		V	0 1/16W Metal Oxide
RJ 7802	VRS-TV1JD000JY	AA		V	0 1/16W Metal Oxide
R 7020	VRS-TV1JD100JY	AA		V	10 1/16W Metal Oxide
R 7009	VRS-TV1JD181JY	AA		V	180 1/16W Metal Oxide
R 7811	VRS-TV1JD224JY	AA		V	220k 1/16W Metal Oxide
R 7810	VRS-TV1JD470JY	AA		V	47 1/16W Metal Oxide
Q 7803	VS2N7002KA+-1Y			V	2N7002KA-RTK/P
Q 7102	VSBC846BRTK-1Y			V	BC846BRTK-1Y
Q 7802	VSMDD4N20/-1Y	AE		V	MDD4N20YRH
F 7001	QFS-HA006WJQZ			V	FUSE
P 7001	QPLGNA997WJZZ	AD		V	PLUG
P 7801	QPLGNB195WJZZ			V	PLUG
P 7101	QPLGNB203WJZZ			V	PLUG
C 7134	RC-EZA172WJLA	AF		V	CAPACITOR
C 7135	RC-EZA172WJLA	AF		V	CAPACITOR
C 7132	RC-EZB381WJLA			V	CAPACITOR
C 7030	RC-EZC026WJZZ			V	CAPACITOR
C 7032	RC-EZC026WJZZ			V	CAPACITOR
C 7001	RC-FZA560WJN1			V	CAPACITOR
C 7004	RC-FZA560WJN1			V	CAPACITOR
C 7009	RC-FZA709WJQZ	AE		V	CAPACITOR
C 7012	RC-KZB009WJN1			V	CAPACITOR
C 7016	RC-KZB009WJN1			V	CAPACITOR
C 7017	RC-KZB009WJN1			V	CAPACITOR

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
[5] POWER UNIT					
C 7014	RC-KZB010WJN1			V	CAPACITOR
C 7015	RC-KZB010WJN1			V	CAPACITOR
L 7001	RCiLFA455WJQZ			V	COIL
L 7002	RCiLFA455WJQZ			V	COIL
L 7102	RCiLPB674WJQZ			V	COIL
D 7101	RH-DXA055WJZZ	AD		V	RU4JMG-48A-M24
IC 7002	RH-FXA021WJZZ	AD		V	TLP785F(D4-GRL F/C
TH 7001	RH-HXA013WJZZ+	AD		V	B57236-S0479-A003
VA 7001	RH-VXA263WJLA	AD		V	B72110S2421K902(S10KV681E2S25M4)
T 7001	RTRNWA502WJQZ			V	TRANSFORMER
D 7801	VHDSR5100// -1	AF		V	SR5100-45-A848
[6] CABINET & MECHANICAL PARTS (2T-C32BG1X)					
1	CCABAD293WJ46			V	KS CAB-A
1-1	GCABAD293WJ41			V	CAB-A
1-2	HDECPA306WJ41			V	DECO SHEET
1-3	HDECQC017WJ41	AD		V	RC/LED LENS
1-4	LANGKF839WJ41			V	GROUNDING ANGLE
1-5	PSLDMB995WJ41			V	COND TAPE L
1-6	PSLDMC031WJ41			V	COND TAPE S
1-7	PSPAGB433WJZZ			V	CON FOAM H
1-8	PSPAGB434WJZZ			V	CON FOAM V
1-9	ZSF iM-15T430E			V	PROTECT SHEET
1-10	ZSF iM-15T740E			V	PROTECT SHEET
1-11	ZSF iM-55T740E			V	PROTECT SHEET
2	CCABBC794WJ41			V	KS CAB-B
2-1	GCABBC794WJ41			V	CAB-B
2-2	LANGKE818WJ4W	AH		V	SMALL VESA ANG
2-3	LANGKF030WJ41	AE		V	BIG VESA ANGLE
3	CDA i-B230WJ46	AQ		V	KS STAND ASSY R
3-1	GCOVAF516WJ41			V	STD NECK COV R
3-2	GDA i-B230WJ41			V	STAND COVER R
3-3	LANGKF469WJ41			V	BASE ANG R
3-4	LX-EZA037WJF7	AC		V	SCREW
3-5	PSPA ZD688WJ41			V	LEG CUSHION
3-6	ZSF iM-90T200E			V	PROTECT SHEET
4	CDA i-B231WJ46	AQ		V	KS STAND ASSY L
4-1	GCOVAF517WJ41			V	STD NECK COV L
4-2	GDA i-B231WJ41			V	STAND COVER L
4-3	LANGKF470WJ41			V	BASE ANG L
4-4	LX-EZA037WJF7	AC		V	SCREW
4-5	PSPA ZD688WJ41			V	LEG CUSHION
4-6	ZSF iM-90T200E			V	PROTECT SHEET
5	CANGKF703WJ41			V	KS TERMINAL ANGLE
5-1	LANGKF703WJ41			V	TERMINAL ANGLE
5-2	HiNDPG193WJ41			V	SIDE TERMINAL LABEL
6	GCOVAF309WJ41			V	AC CORD COVER
7	JBTN-B063WJ41			V	JOY KEY
8	LANGKF383WJ41	AG		V	BTM BRACKET
9	LANGKF704WJ41			V	DONGLE ANGLE
10	LHLDWA409WJ42	AC		V	AC CORD HOOK
11	LHLDZC643WJ41			V	WIFI HOLDER
12	PSPA ZD358WJJKZ			V	COOLER PAD
13	XBPS730P06WS0	AA		V	PWB+BRAC
14	XBPS830P06WS0	AA		V	FOR CAB-B
15	XEBS830P08000	AA		V	FOR CAB-B
16	LX-EZA037WJF7	AC		V	FOR CAB-B
17	ZTAPEP109060E			V	FOR DONGLE ANGLE
[7] CABINET & MECHANICAL PARTS (2T-C42BG1X)					
1	CANGKF671WJ41			V	KS BOTTOM BRACKET
1-1	LANGKF671WJ41			V	BOTTOM BRACKET
1-2	LANGKF723WJ41			V	SUPPORT ANGLE
1-3	XBPS730P05WS0	AB		V	SCREW
2	CANGKF703WJ41			V	KS TERM ANG
2-1	HiNDPG193WJ41			V	SIDE TER-LABEL
2-2	LANGKF703WJ41			V	TERMINAL ANGLE
3	CCABAD303WJ41			V	KS CAB A
3-1	GCABAD303WJ41			V	CAB-A
3-2	LANGKF002WJ41			V	GROUNDING ANGLE
3-3	PSLDMC017WJ41			V	COND TAPE S
3-4	PSLDMC046WJ41			V	COND TAPE L
3-5	PSPAGB827WJ41			V	COND PORON H
3-6	PSPAGB828WJ41			V	COND PORON V
3-7	ZSF iM-13TB06E			V	PROTECT SHEET
3-8	ZSF iM-20TA10E			V	PROTECT SHEET
4	CCOVAF734WJ41			V	KS RC COVER
4-1	GCOVAF734WJ41			V	RC COVER
4-2	HDECQC071WJ41			V	IR LENS
5	CHLDZC644WJ44			V	KS P-FRAME
5-1	LHLDZC644WJ42			V	P-FRAME
5-2	PSPAGB898WJ41			V	PORON H
5-3	PSPAGB899WJ41			V	PORON V
5-4	PSPAGB945WJ41			V	PORON MS40S x3
6	LCHSMA884WJ43			V	B.L CHASSIS

[7] CABINET & MECHANICAL PARTS (2T-C42BG1X)**[7] CABINET & MECHANICAL PARTS (2T-C42BG1X)**

8	LHLDWA361WJUJZ	AD		V	WH x2
9	LHLDZC214WJ4B	AD		V	SUPPORT PIN x2
10	GCABBC766WJ41			V	CAB B
11	GCOVAF309WJ41			V	AC CORD COVER
12	JBTN-B063WJ41			V	JOG KEY
13	LANGKE818WJ4W	AH		V	SMALL VESA ANG x2
14	LANGKF030WJ41	AE		V	BIG VESA ANG x2
15	LANGKF704WJ41			V	DONGLE ANG
16	LHLDWA357WJKZ	AC		V	CABLE TIE
17	LHLDZC643WJ41			V	WIFI HOLDER
18	LHLDZC672WJ41			V	SPK HLD
19	XBPS730P06WS0	AA		V	SCREW M3x13
20	XBPS830P04WS0	AA		V	SCREW M3x24
21	XEBS830P10000	AA		V	SCREW M3x4
22	TLABMH448WJ41			V	MODEL LABEL
23	TLABZG514WJ41			V	JPN PANEL LABEL
24	TLABZG538WJ41			V	MEELS LABEL

[8] SUPPLIED ACCESSORIES (2T-C32BG1X)

1	RRMCGB336WJSA	BL		V	R/C
2	UBATAA024WJZZ	AE		V	BATTERY
3	TiNS-H317WJZZ			V	SETUP GUIDE
4	CDAi-B230WJ46	AQ		V	KS STAND ASSY R
5	CDAi-B231WJ46	AQ		V	KS STAND ASSY L
6	LX-BZA385WJF8	AB		V	STAND SCREW

[9] SUPPLIED ACCESSORIES (2T-C42BG1X)

X1	RRMCGB336WJSA	BL		V	REMOTE CONTROL
X2	UBATAA024WJZZ	AD		V	BATTERY (X2)
X3	CiNS-H317WE01			V	OM SET
X4	CDAi-B194WJ41	AQ		V	KS STAND L
X5	CDAi-B195WJ41	AQ		V	KS STAND R
X6	LX-BZA385WJF8	AB		V	SCREW FOR STAND (X4)

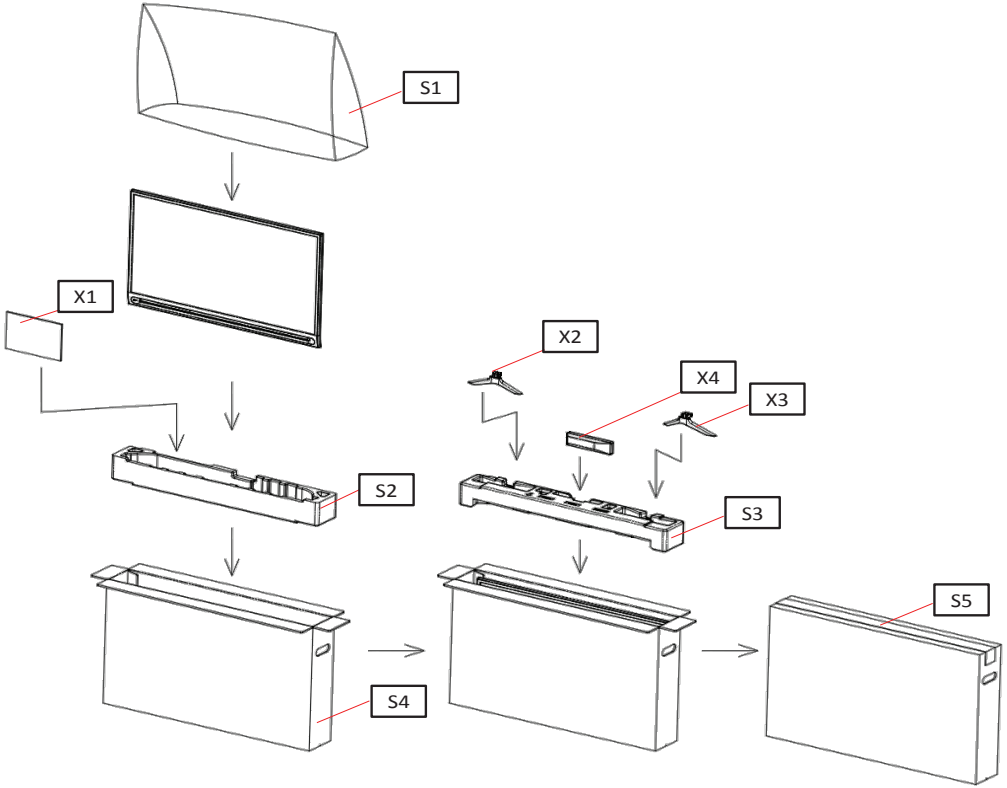
[10] PACKING (2T-C32BG1X)

S1	SPAKPB846WJ41			V	HOSO PP
S2	SPAKXF446WJ41			V	BOTTOM AD
S3	SPAKXF806WJ41			V	TOP AD
S4	SPAKCK370WJ41			V	PACKING CASE
S5	ZTAPEH48T940E			V	PACKING TAPE
X1	CiNS-H317WE01			V	MANUAL SET
X2	CDAi-B231WJ46	AQ		V	STAND UNIT L
X3	CDAi-B230WJ46	AQ		V	STAND UNIT R
X4	RRMCGB336WJSA	BL		V	R/C

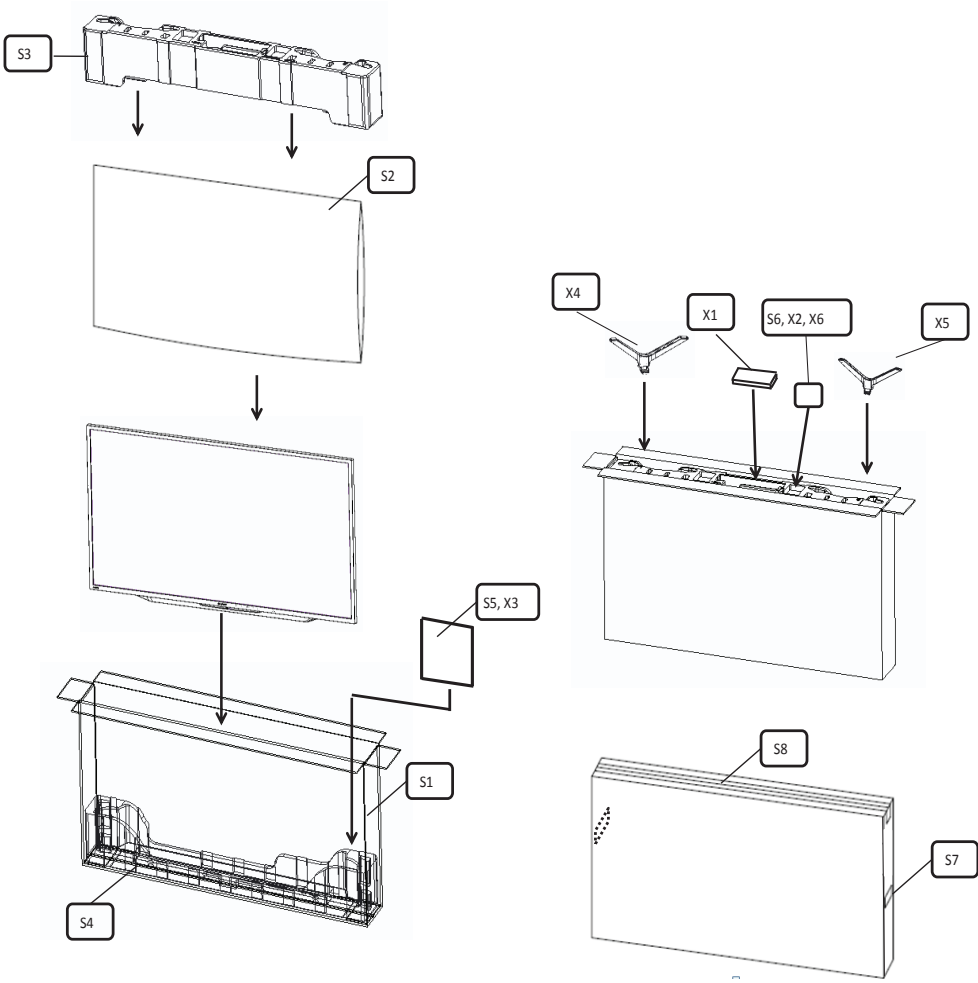
[11] PACKING (2T-C42BG1X)

S1	SPAKCK369WJ41			V	PACKING CASE
S2	SPAKPB590WJZZ	AF		V	HOSO PP
S3	SPAKXF769WJ41			V	TOP-AD
S4	SPAKXF770WJ41			V	BTM-AD
S5	SSAKA0001PEZZ	AA		V	POLYETHYLENE BAG
S6	CBATAA024WJ07			V	SCREW & BATTERY PACK
S7	TLABV0182AJZZ	AB		V	NO CARD
S8	ZTAPEH48TA18E			V	PP TAPE

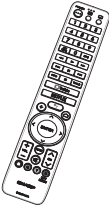

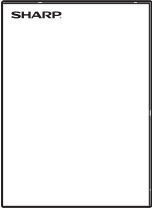
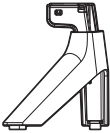
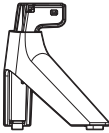

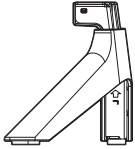
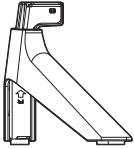

PACKING ASSEMBLY



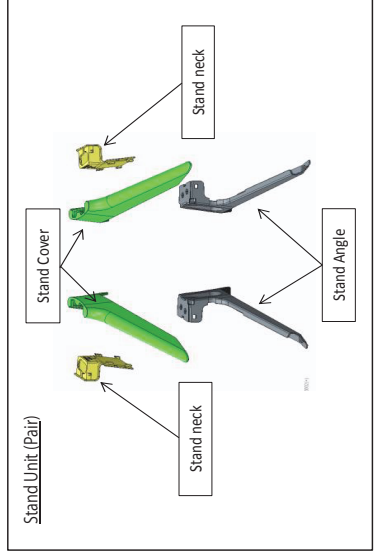
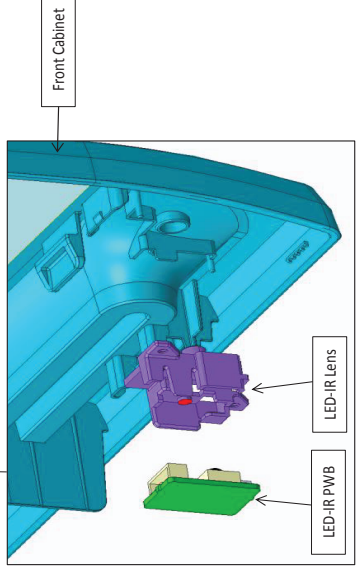
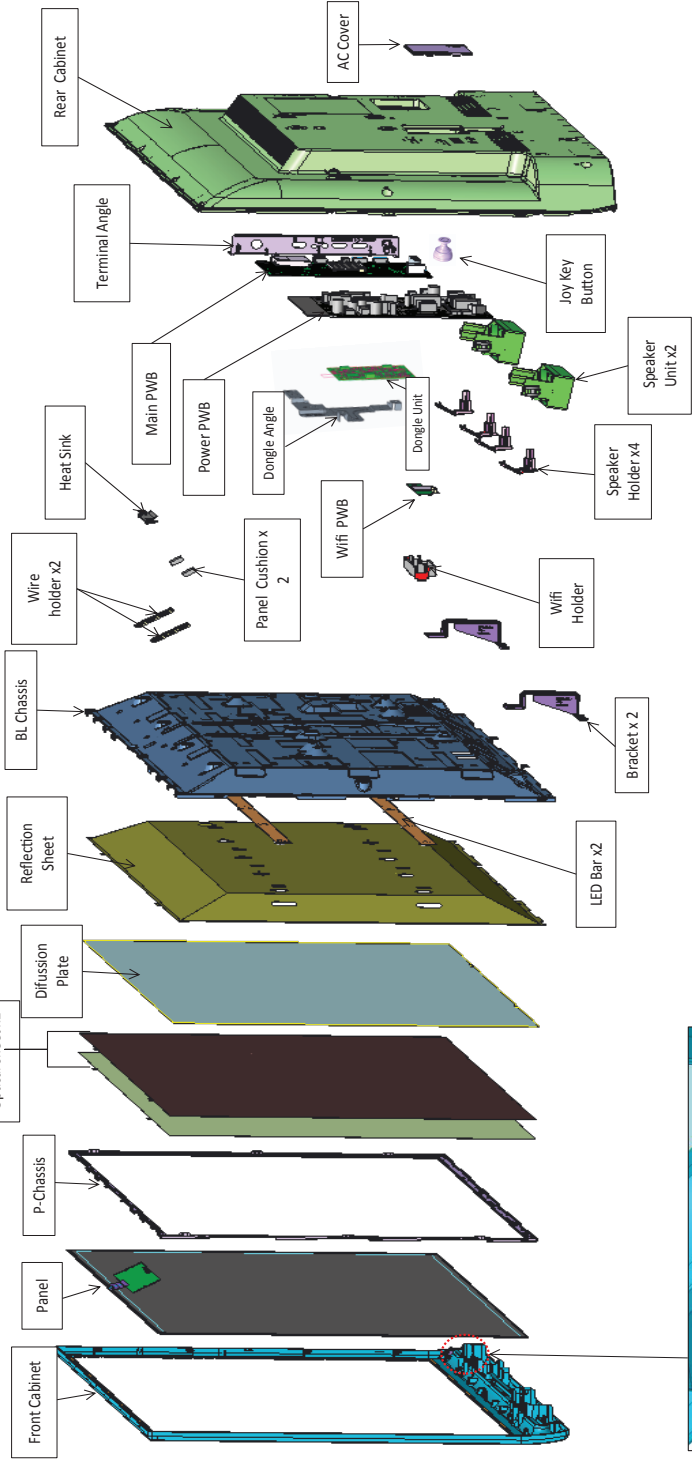
2T-C42BG1X (H) PACKING



Supplied accessories

<p>① Remote control unit (× 1)</p> 	<p>② "AAA" size battery (× 2)</p> 	<p>③ Initial setup guide</p> 
<p>④ Stand unit</p> <p>2T-C32BG1X</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>⑤ Stand base with letter "L"</p> </div> <div style="text-align: center;">  <p>⑥ Stand base with letter "R"</p> </div> <div style="text-align: center;">  <p>⑦ Screws (× 4)</p> </div> </div> <p>2T-C42BG1X</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>⑤ Stand base with letter "L"</p> </div> <div style="text-align: center;">  <p>⑥ Stand base with letter "R"</p> </div> <div style="text-align: center;">  <p>⑦ Screws (× 4)</p> </div> </div>		

2T-C32BG1X (HK) EXPLODED VIEW



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