

TCL

SERVICE MANUAL

32E5300 MS82S-AP

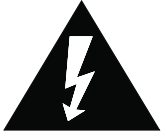
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This manual is the latest at the time of printing, and does not include the modification which may be made after the printing, by the constant improvement of product

1. CAUTION

CAUTION:

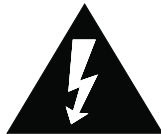
Use of controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.



CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN.



CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lighting flash with arrowhead symbol, with an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the person.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION:

Read all of these instructions. Save these instructions for later use. Follow all Warnings and Instructions marked on the audio equipment.

1. Read Instructions- All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions- The safety and operating instructions should be retained for future reference.
3. Heed Warnings- All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions- All operating and use instructions should be followed.

FOR YOUR PERSONAL SAFETY

1. When the power cord or plug is damaged or frayed, unplug this television set from the wall outlet and refer servicing to qualified service personnel.
2. Do not overload wall outlets and extension cords as this can result in fire or electric shock.
3. Do not allow anything to rest on or roll over the power cord, and do not place the TV where power cord is subject to traffic or abuse. This may result in a shock or fire hazard.
4. Do not attempt to service this television set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
5. Never push objects of any kind into this television set through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the television set.
6. If the television set has been dropped or the cabinet has been damaged, unplug this television set from the wall outlet and refer servicing to qualified service personnel.
7. If liquid has been spilled into the television set, unplug this television set from the wall outlet and refer servicing to qualified service personnel.
8. Do not subject your television set to impact of any kind. Be particularly careful not to damage the picture tube surface.
9. Unplug this television set from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 10.1. Do not place this television set on an unstable cart, stand, or table. The television set may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only with a cart or stand recommended by the manufacturer, or sold with the television set. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.
- 10.2. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



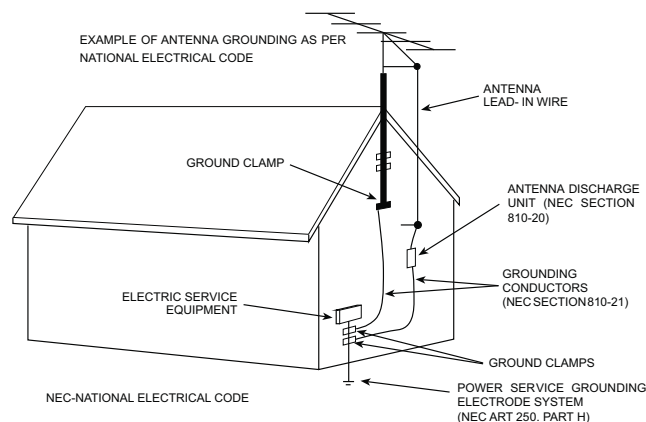
PROTECTION AND LOCATION OF YOUR SET

11.
 - Do not use this television set near water ... for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
 - Never expose the set to rain or water. If the set has been exposed to rain or water, unplug the set from the wall outlet and refer servicing to qualified service personnel.
12. Choose a place where light (artificial or sunlight) does not shine directly on the screen.
13. Avoid dusty places, since piling up of dust inside TV chassis may cause failure of the set when high humidity persists.
14. The set has slots, or openings in the cabinet for ventilation purposes, to provide reliable operation of the receiver, to protect it from overheating. These openings must not be blocked or covered.
 - Never cover the slots or openings with cloth or other material.
 - Never block the bottom ventilation slots of the set by placing it on a bed, sofa, rug, etc.
 - Never place the set near or over a radiator or heat register.
 - Never place the set in a "built-in" enclosure, unless proper ventilation is provided.

PROTECTION AND LOCATION OF YOUR SET

- 15.1. If an outside antenna is connected to the television set, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges, Section 810 of the National Electrical Code, NFPA No. 70-1975, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrode, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE INSTRUCTIONS



- 15.2. Note to CATV system installer : (Only for the television set with CATV reception)

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

16. An outside antenna system should not be located in the vicinity of overhead power lines or other electric lights or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
17. For added protection for this television set during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage due to lightning and power-line surges.

OPERATION OF YOUR SET

18. This television set should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply at your home, consult your television dealer or local power company. For television sets designed to operate from battery power, refer to the operating instructions.
19. If the television set does not operate normally by following the operating instructions, unplug this television set from the wall outlet and refer servicing to qualified service personnel. Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the television set to normal operation.
20. When going on a holiday : If your television set is to remain unused for a period of time, for instance, when you go on a holiday, turn the television set " off " and unplug the television set from the wall outlet.

IF THE SET DOES NOT OPERATE PROPERLY

21. If you are unable to restore normal operation by following the detailed procedure in your operating instructions, do not attempt any further adjustment. Unplug the set and call your dealer or service technician.
22. Whenever the television set is damaged or fails, or a distinct change in performance indicates a need for service, unplug the set and have it checked by a professional service technician.
23. It is normal for some TV sets to make occasional snapping or popping sounds, particularly when being turned on or off. If the snapping or popping is continuous or frequent, unplug the set and consult your dealer or service technician.

FOR SERVICE AND MODIFICATION

24. Do not use attachments not recommended by the television set manufacturer as they may cause hazards.
25. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
26. Upon completion of any service or repairs to the television set, ask the service technician to perform routine safety checks to determine that the television is in safe operating condition.



EM BUSINESS CENTER
FTV PRODUCT MANAGEMENT DEPT.

SPECIFICATION RELEASE

Version: V1.0

Issued Date: 2012.02.22

Model: L32E5300/MS82S-AP/CSTM E3

PICTURE

Category	LCDTV
Naturalight Technology	Yes (Natural Light Engine II)
Dynamic Contrast	Yes
Color Temperature	Warm / Normal / Cold
Backlight Adjustable	Yes
Scale Mode	Standard,Full, Subtitle, Wide Screen, Zoom,Expand,Original,Natural
Picture Effect	Standard, Bright, Soft, Personal
Film Mode (3:2 pull down)	AUTO
VGA Dot to Dot Display	Yes (Natural)
Light Sensor	--

Picture Enhancement

Comb Filter	3D
Adaptive Deinterlacing	3D
Blue Stretch	Yes
Black Stretch	Yes
Motion Compensation	Yes
DLTI	Yes
DCTI	Yes
Dynamic Skin Correction	Yes

PANEL SPECIFICATION

Back light Unit	LED
Panel supplier	CSOT Open cell+TCL BLU
Aspect Ratio	16:9
Panel Size (inch)	32"
Display Resolution	1366*768
Brightness (cd/m2)	280
Contrast Ratio	4000:1
Response Time Tr/Tf	6.5ms
Viewing Angle (H/V)	178°/178°
Life Time	30,000hrs
Color	16.7M

SOUND

Speakers	Integrated speakers (Bottom side)
Audio Power Output	2×8W
Woofer Power Output	--
Smart Volume	Yes
Sound Effect	Stereo, Music, Movie, News,Personal
Sound Control	Balance, Sound EQ Adjust;
Sound Features	MTS (NICAM)
	Scene Selecting (DeskTop mode and HangUp mode)

FUNCTION

OSD Language	English/French/Thai/Vietnamese/Russian Portuguese/Arabic/Farsi/Hebrew/Mongolian
OSD Features	Motion Bmp Style
Source in OSD	Source Bmp Icon Selecting,Source Jack Layout Display
Teletext	Yes
Clock/Sleep Timers	Yes
Wake up/Turn off time	Yes
Wake up Source/Chanel	Yes
Watch Time Limit	Yes
Startup Setting	Yes(User can set a picture for turning on Logo display)
Smart Switch	Yes(Signal Auto Detecting and Changing Source)
Picture Freeze	Yes
DNR (Dynamic Noise Reduction)	Off、Low、Middle、High
Hotel Menu	In factory mode
USB Connection	Movie: Support H.264、RM/RMVB、XVID、FLV DivX、MPEG2、MPEG2、MPEG4、VC1 Photo: Support JPEG、BMP、PNG; Music: support MP3、WMA、M4A;

Design and specifications are subject to change without notice!



SIGNAL FORMAT CAPABILITY

Component Video Format	Y,Pb/Cb,Pr/Cr:up to 1080P
DVI Video Format	Up to XGA for HDMI-PC
HDMI Video Format	up to 1080P
PC Compatibility	Up to SXGA

TERMINALS

AV1 Input (Composite)	Audio/CVBS---R/L+ Video in side
AV2 Input (Composite)	Video Share with Y and Audio share with YPbPr Audio
YPbPr Input	1---Downward
Audio Input for YPbPr	1---Downward
YCbCr Input	Share with "YPbPr"
Audio Input for YCbCr	Share with Audio for "YPbPr"
VGA(PC) Input	1 (D-Sub,15 Pins)---Downward
Audio Input for VGA(PC)	Share with Audio for "YPbPr"
HDMI	3 (HDMI1,HDMI2,HDMI3) ---in side
CVBS Output (Composite)	1 (Φ3.5mm,need a adapter cable) ---Downward
SPDIF Output	1 (coaxial digital audio output)---Downward
Headphone Output	1 (Φ3.5mm)---Downward
RF Input(Antenna)	1 (IEC Type)---Downward
USB	1 (Standard) ---in side

BASIC INFO.

TV System	PAL/SECAM B/G,D/K,I ,NTSC-M
AV System	PAL,NTSC,SECAM
Channels	199(1~199)
Chassis	MS82S-AP
Certification	CB
Power Supply	AC 100V-240V 50/60Hz
Power Consumption-TV on	70W
Power Consumption-Standby	≤1W
Default Color of Front Cabinet	Black
Keyboard Position	Side
Base Stand Detachable	Yes

PACKAGE INFO.

Unpackaged Dimension for Main Body (L*H*D) (mm)

With Base Stand (mm)	730.5*491*183
Without Base Stand (mm)	730.5*60.5*439.1

Packaged Dimension (L*H*D)

Main Body (mm)	878*566*184
Speaker Box	--
Base Stand	...
Net Weight (Kg)	8.3kg(With Base Stand)
Gross Weight (Kg)	10kg

Container Loading

20 feet	328
40 feet	676
40 feet high	785

ACCESSORIES

Operation Manual	English(Default)
Remote Control	For TV control (with two batteries)
Base Stand	Integrated Packaging
Speaker Box	Integrated
Wall Mount	WMB231 (Optional)
Others	AC Power cord, AV Adapter cable

Drafted by:

曾祥正 (HW) 2012-02-22

Checked by:

Approved by:

Alignment Procedure

MS82S-AP/LA Chassis



Version: 1.0

Release Date: 2011-9-6

PREPARED BY: Wise Zhang DATE: 2011-9-6

APPROVED BY: _____ DATE: _____

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History	Description of major changes	Release Date
V1.0		2011-9-7

	Chassis	Model
FHD	MS82S-AP/LA	L40D3260F etc
HD	MS82S-APLA	L32D3260, L32D3270 etc

1. General Description

MS82S-AP/LA is our latest design especially for LCDTV products selling in Asia Pacific (AP) and Latin America (LA) market. It features by its high integration, easy debugging as well as convenience in terms of maintenance. Fast software upgrade through USB disk facilitates both manufacture and after-sale service. Meantime, a variety of functions involved in Factory Main Menu can not only bring benefits for production, but also satisfy various demands of customer.

Note: Factory Main Menu (FMM) is divided into Factory Menu, Design Menu, Service Menu and Hotel Menu. Factory Menu covers all indispensable functions during manufacture such as White Balance Adjustment, ADC Calibration, USB Upgrading e.g., while the items under Design Menu is exclusively used by R&D engineer, anyone else shouldn't change the settings in the menu. When you wish to learn the product information like project ID, model name, chassis name, software version, release date, you can access to Service Menu. In addition, in Hotel Menu, we also provide a great deal of useful functions for specific applications in hotel.

2. Factory Menu

Main\Factory	
1-FAC HOTKEY	OFF
2-WARM UP	OFF
3-ADC	>>>
4-WHITE BALANCE	>>>
5-SHOP	DO
6-NVM RESET	DO
7-Set FAC CH	DO HZ
8-POWER ON MODE	Last
9-USB UPDATE	
SW NO.	V8-0MS8201-LF1V007
Project Name:	L32D3260_SS3_AP
SIACP Version:	V2.6
Date:	Sep 2 2011 08:05:18

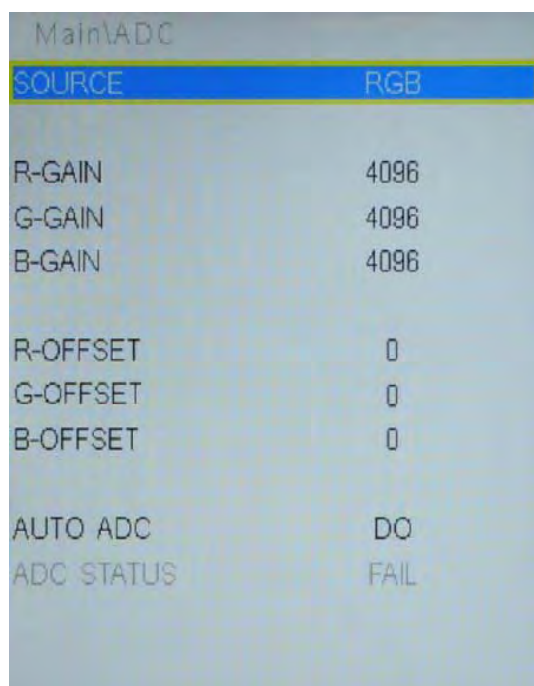
2.1 Accessing way:

- In the first place, press **Menu** button of remote control, then select **Contrast** item of **Picture** submenu. Finally, press **9, 7, 3, 5** consecutively.
- When the **FAC HOTKEY** item of **Factory Menu** is enabled (ON), press **Return** button of remote control.

2.2 Factory Menu

Factory Menu			
Name	Default	Description	Status
FAC HOTKEY	OFF	Factory Menu shortcut button switch <i>The item must be disabled (OFF) after production</i>	OK
WARM-UP	OFF	OFF: Normal mode. Display blue screen when no signal. Turn to automatically standby mode if keep the signal unavailable over 15 minutes. ON: Aging mode. Display snow dot when no signal. The set will not turn to standby even if the unavailability of signal	OK
ADC	>>	ADC calibration (see details below)	OK
WHITE BALANCE	>>	White Balance Adjustment (see details below)	OK
SHOP	DO	<i>It is crucial that the function is executed after production aim to clear information of production process, ensure user cannot access to Factory Menu after executing the item.</i>	OK
NVM RESET	DO	Restore default value except WB and ADC data.	OK
SET FAC CH	DO	Preset the channel table of factory. Option: HZ, WX, EGYPT-EL, ALGERIA e.g. To preset the channel table of certain factory, firstly, choose the corresponding factory name, then press OK button of remote control and wait until the disappearance of Factory Menu,	OK
Power On Mode	LAST/STB	ON: the set will power on after switching on power. STB: the set will remain standby status after switching on power. Last: the set will turn to the status in which it lies when last switching off. If without requirement from certain customer, by default, the Setting should be Last for MS82S-AP and STB for MS82S-LA	OK
USB UPDATE		Upgrade software. Please see details below.	OK
SW NO.	OFF	Version information of Main Software	OK
Project Name		Product model	OK
SIACP Version		Serial port remote control protocol	OK
Date		Release date and time of main software	OK

2.3 ADC calibration menu



ADC Menu

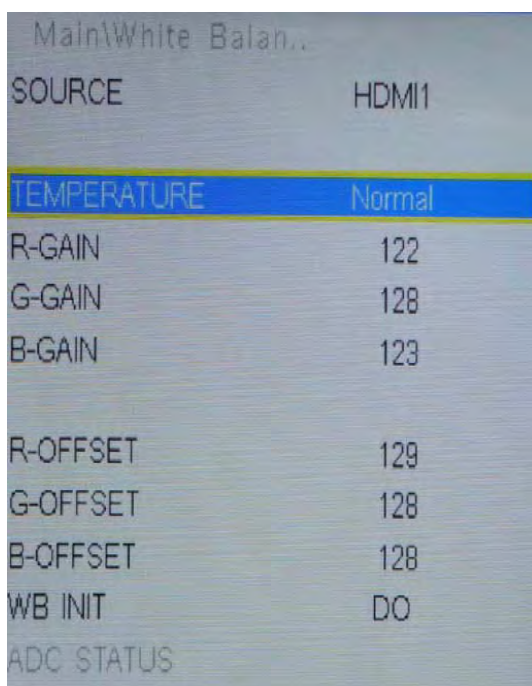
Press the   button in remote control to select certain item and   to change the value of ADC data or start ADC calibration.

Notes:

1. Only YPBPR and RGB source should be calibrated.

ADC Calibration menu			
Name	Default	Description	Status
SOURCE		Select the source you intend to ADC Calibrate. Only YPBPR and RGB are available.	OK
R GAIN	4096	Gain of R channel (cannot be changed after auto calibration)	OK
G GAIN	4096	Gain of G channel (cannot be changed after auto calibration)	OK
B GAIN	4096	Gain of B channel (cannot be changed after auto calibration)	OK
R OFFSET	0	Offset of R channel (cannot be changed after auto calibration)	OK
B OFFSET	0	Offset of B channel (cannot be changed after auto calibration)	OK
G OFFSET	0	Offset of G channel (cannot be changed after auto calibration)	OK
AUTO ADC	DO	Select and execute the item, ADC Calibration starts. It indicates a successful calibration if prompt "OK" is displayed. Otherwise, It is a failing calibration ("FAIL" is displayed).	OK
ADC STATUS		Show the ADC status of YPbPr/RGB Channel. SUCCESS will be display if YPbPr/RGB Channel has been correctly calibrated. Otherwise FAIL will be displayed	OK

2.4 White Balance Adjustment menu

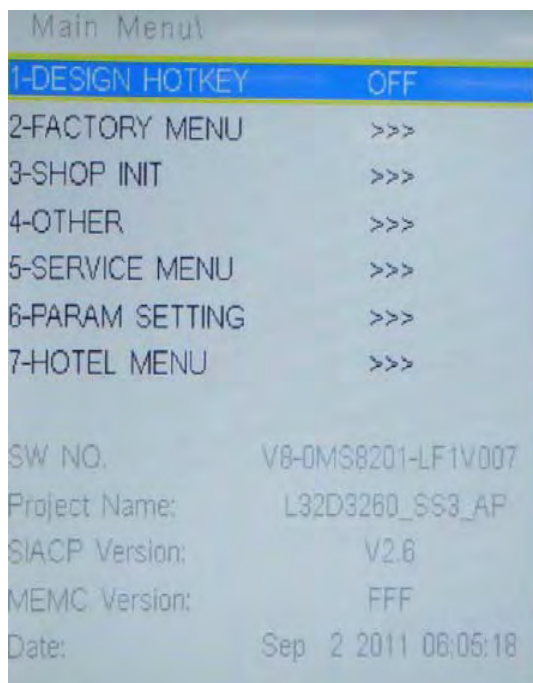


White Balance menu

Press the ▲▼ button in remote control to select certain item and ◀▶ to adjust White Balance

White Balance Adjustment menu			
Name	Default	Description	Status
Source	PC	Select the source you intend to apply WB adjustment. Only HDMI1, AV1, YPBPR, PC and should be adjusted.	OK
COLOR TEMPERATURE	Cool	Select color temperature you intend to adjust Three groups of color temperature: Normal, Warm, Cool are available for each source.	OK
R GAIN	-2	Gain of R channel (cannot be changed after auto calibration)	OK
G GAIN	0	Gain of G channel (cannot be changed after auto calibration)	OK
B GAIN	+9	Gain of B channel (cannot be changed after auto calibration)	OK
R OFFSET	+6	Offset of R channel (cannot be changed after auto calibration)	OK
G OFFSET	0	Offset of G channel (cannot be changed after auto calibration)	OK
B OFFSET	-2	Offset of B channel (cannot be changed after auto calibration)	OK
WB INIT		White Balance Initalization. Before WB adjustment, this item should be executed.	OK

3 Factory Main Menu



3.1 Accessing way:

1. In the first place, press **Menu** button of remote control, then select **Contrast** item of **Picture** submenu. Finally, press **1, 9, 5, 0** consecutively.
2. When the **DESIGN HOTKEY** item of **Design Menu** is enabled (ON), press **Return** button of remote control.

Press the button in remote control to select certain item and to toggle among or execute the available options.

Main Menu			
Name	Default	Description	Status
DESIGN HOTKEY	OFF	Design Menu shortcut button switch The item must be disabled (OFF) after production	OK
FACTORY MENU	>>>	Access to Factory Menu	OK
SHOP INIT	>>>	Contain many options which can be chosen according to the requirements of customers as default settings when leave factory. See details below.	OK
OTHER	>>>	The item includes a number of functions offering convenience for R&D engineer to solve problems. It is exclusively used by R&D.	OK
SERVICE MENU	>>>	Provide many useful information for aftersale service Please reference to SERVICE MENU submenu	OK
PARAM SETTING	>>>	Include volume, brightness, contrast, saturation, hue, sharpness, backlight, volume, overscan Adjustment etc. Please reference to PARAM SETTING submenu.	OK
HOTEL MENU	>>>	Include special functions which bring benefits to hotel management. The item is accessible only when HOTEL ENABLE item is enabled (ON).	OK

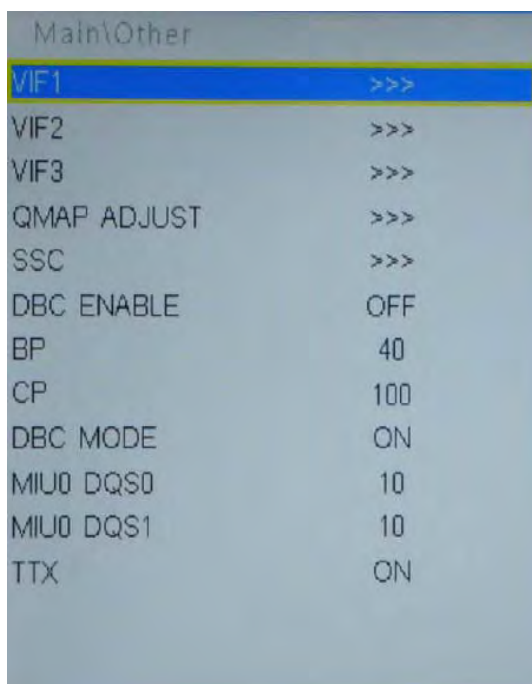
3.2 SHOP MENU



Contain many options which can be chosen according to the requirements of customers as default settings when leave factory. Press the   button in remote control to select certain item and   to toggle among the available options..

SHOP MENU			
Name	Default	Description	Status
VOLUME	30	Volume setting, 0~100 adjustable	OK
PIC MODE	STANDARD	Picture mode. Options: BRIGHT, SOFT, PERSONAL, STANDARD	OK
SOUND MODE	STEREO	Sound effects. Options: STAREO MISIC, MOVIE, NEWS	OK
CH NUMBER	199	Maximum number of accessible channel	NG
OSD LANGUAGE	ENGLISH	AP: English, French, Vietnamese, Russian, Arabic, Farsi, Hebrew, Thai, Portuguese, Mongolian, LA: English, Portuguese, Spanish	OK
Preset CH	0	Preset channel. 0~199 optional	OK
COLOR TEMP	NORMAL	Color temperature. Option: NORMAL, WARM, COOL	OK

3.3 Other Menu

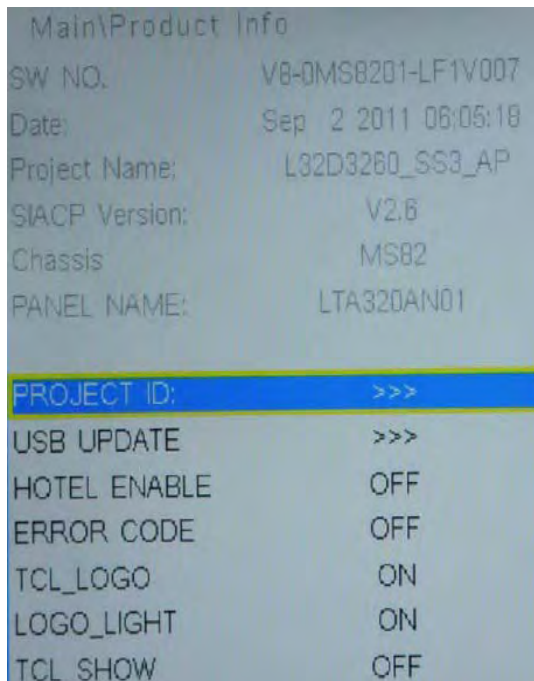


Press the ▲▼ button in remote control to select certain item and ◀▶ to toggle among the available options..

Other Menu			
Name	Default	Description	Status
VIF1		Exclusively used by R&D.	OK
VIF2		Exclusively used by R&D.	OK
VIF3		Exclusively used by R&D.	OK
QMAP ADJUST		Exclusively used by R&D.	OK
SSC		Spectrum Spread Control. Exclusively used by R&D.	OK
DBC ENABLE		Dynamic Backlight Enable Exclusively used by R&D.	OK
BP		Parameter of DBC Exclusively used by R&D.	OK
CP		Parameter of DBC Exclusively used by R&D.	OK
DBC MODE		DBC Mode. Exclusively used by R&D.	OK
MU0 DQS0		Manually adjust DQS1 phase of DDR2 Exclusively used by R&D	OK

MU1 DQS1		<i>Manually adjust DQS1 phase of DDR1</i> <i>Exclusively used by R&D</i>	OK
TTX	ON	ON: enable teletext OFF: Disable teletext	OK

3.4 SERVICE MENU

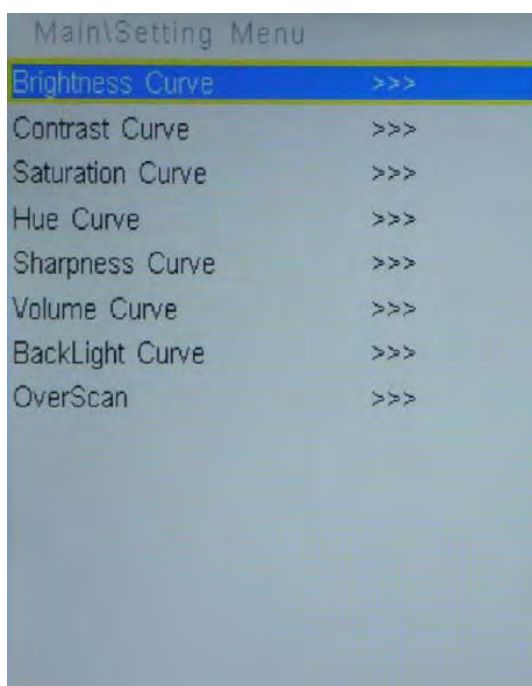


Press the button in remote control to select certain item and to toggle among the available options..

SERVICE MENU (Product Info)			
Name	Default	Description	Status
SW NO.		<i>Software virtual code of Main Software</i>	OK
DATE		<i>Release date, time</i>	OK
Project Name		<i>Model of product</i>	OK
SIACP Version		<i>Serial port remote control protocol</i>	OK
Chassis	MS82S-AP/MS82S-LA	<i>Chassis name</i>	OK
PANEL NAME		<i>Panel code</i>	OK
PROJECT ID		<i>Select project parameters through project ID.</i>	OK
USB UPDATE		<i>USB upgrade.</i>	OK
HOTEL ENABLE		<i>Switch of Hotel Menu.</i>	OK

ERROR CODE			NG
TCL_LOGO		Display TCL Logo or not. On : display, Off: not display	OK
LOGO_LIGHT			OK
TCL_SHOW		DEMO function ON/OFF	OK

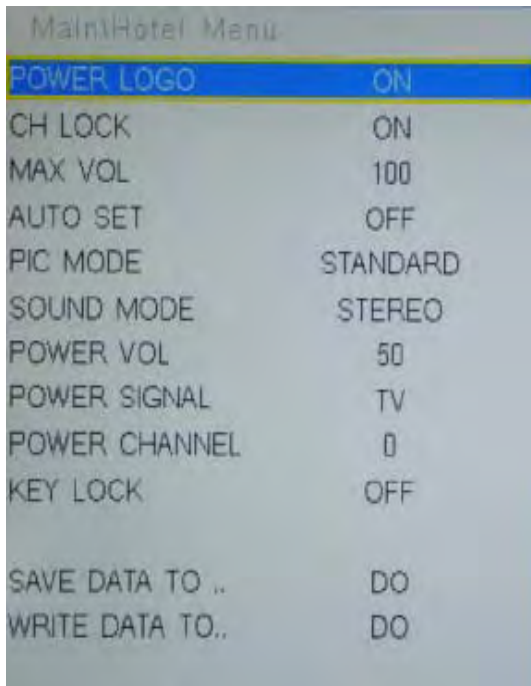
3.5 PARAM SETTING MENU



Press the ▲▼ button in remote control to select certain item and ◀▶ to enter menu.

PARAM SETTING MENU (Setting menu)			
Name	Default	Description	Status
Brightness Curve	>>>	Brightness curve. Exclusively used by R&D.	OK
Contrast Curve	>>>	Contrast curve. Exclusively used by R&D.	OK
Saturation Curve	>>>	Saturation curves. Exclusively used by R&D.	OK
Hue Curve	>>>	Hue Curve Exclusively used by R&D.	OK
Volume Curve	>>>	Volume curve. Exclusively used by R&D.	OK
Backlight Curve	>>>	Backlight curve. Exclusively used by R&D.	OK
OverScan	>>>	Overscan adjustment. Exclusively used by R&D.	OK

3.6 HOTEL MENU



Press the ▲▼ button in remote control to select certain item and ◀▶ to enter submenu.

HOTEL MENU			
Name	Default	Description	Status
POWER LOGO	ON	LOGO select	OK
CH LOCK	OFF	Channel scan lock.	OK
MAX VOL	100	Max volume	OK
AUTO SET	OFF	The switch of PIC, SOUND etc. When it is ON, these items are selectable.	OK
PIC MODE	Standard	Picture mode.	OK
SOUND MODE	STEREO	Sound mode	OK
POWER VOL.	50	Default volume when power on	OK
POWER SIGNAL	ATV	Default signal source when power on	OK
POWER CHANNEL	0	Default channel no. when power on	OK
KEY LOCK	OFF	Lock the keys.	OK
SAVE DATA TO	DO	Save the settings of Hotel Menu to USB	OK
WRITE DATA TO	DO	Copy the settings of Hotel Menu from USB	OK

4. The steps of debugging

4.1 Device

Color Analyzer CA-210. Video Pattern Generator Chroma2329. Color TV Pattern Generator PM5418, VGA cable, AV cable(RCA), YPBPR(RCA) cable.



Chroma2329



Fluke5418



CA-210

4.2 steps of debugging:

According to the requirement of order, we suggest take the below steps to finish the appropriate settings.

A enter the **Factory Menu**, enable **FAC HOTKEY**

B Check the version of software, release date displayed at the bottom of **Factory Menu**. If the information is correct, you can ignore step C and D.

C Enter **Factory Main Menu**, choose **SERVICE MENU->PROJECT ID**, choose corresponding Project ID number of the product (Please refer to the description in BOM about Project ID number).

D return to **Factory Menu**, check the Product model.

E choose **Factory Menu-> NVM RESET** and press ► and wait until prompt OK appears.

F restart the set

G according to the requirement of order, set the items of Shop Menu and Hotel Menu etc.

H After aging under normal temperature, calibrate ADC and adjust white balance.

I choose **Factory Menu-> SHOP INIT** and press ► button of remote control to initialize the set.

Note: after step I (execute **SHOP INIT**), **Hotel Menu** will be disabled by default. Therefore, if order requires hotel function, it is necessary to enable hotel function by set **Factory Main Menu-> Service Menu->HOTEL ENABLE** to **ON**.

4.3 ADC Calibration

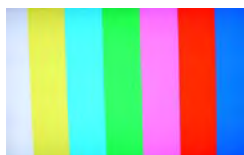
I .signal and generator

VGA: Chroma2329 Pattern42, Timing 14(1024x768@60Hz 5 MOSAIC)

YPBPR: Chroma2329 Pattern103, Timing 79(100% Color Bar, 720p)



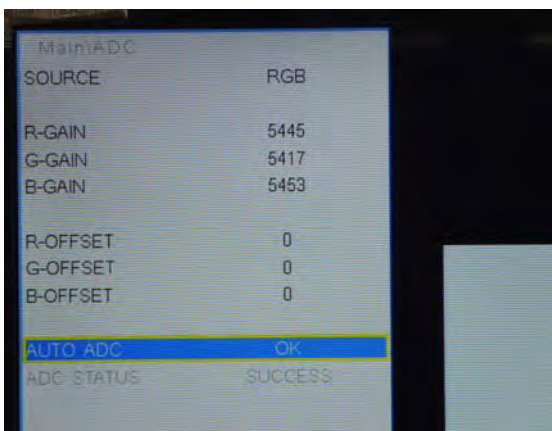
5 MOSAIC



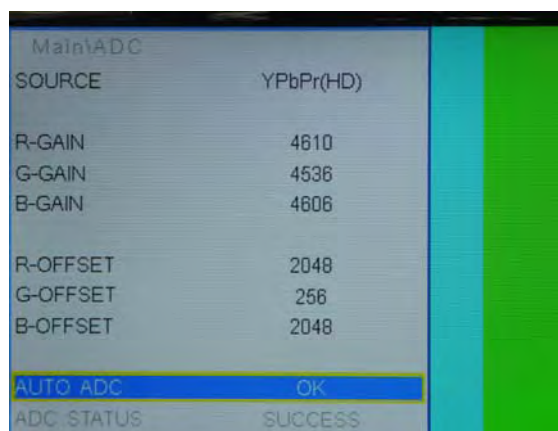
100% Color Bar

II.steps of debug:

- 1) Access to the **Factory menu->ADC**
- 2) Select **PC** source
- 3) Select **AUTO ADC**, Press ► button in your remote control to calibrate the ADC automatically.
- 4) Select **YPBPR** source
- 5) Repeat step 3.
- 6) When the OK appears the calibration has been finished successfully.



VGA calibration



YPBPR calibration

4.4 White Balance adjustment (Manual)

Before adjustment, you must ensure Color Analyzer has been calibrated. Only AV1, YPBPR, VGA , HDMI 1 need to be adjusted. It is necessary to adjustment HDMI 1 firstly.

a. signal and generator

The pattern of the signal should be used are White (Chroma2329 pattern113) and Grey (pattern 114).The format of signal are respectively 720p for HDMI1 (Chroma2329 Timing 69), NTSC for AV1 (Chroma2329 Timing 37),1024×768@60Hz (Chroma2329 Timing 14) for VGA and 720p (Chroma2329 Timing 79)for YPBPR

b. steps of adjustment

- 1) enter the **factory menu->WHITE BALANCE**, select source **HDMI 1** and **COLORTEMP normal**.
- 2) input grey signal in 720p format
- 3) change **R OFFSET** and **B OFFSET** to make sure the value of color coordination equal to the value required by enterprise standard (x, y).

4) input white signal in 720p format

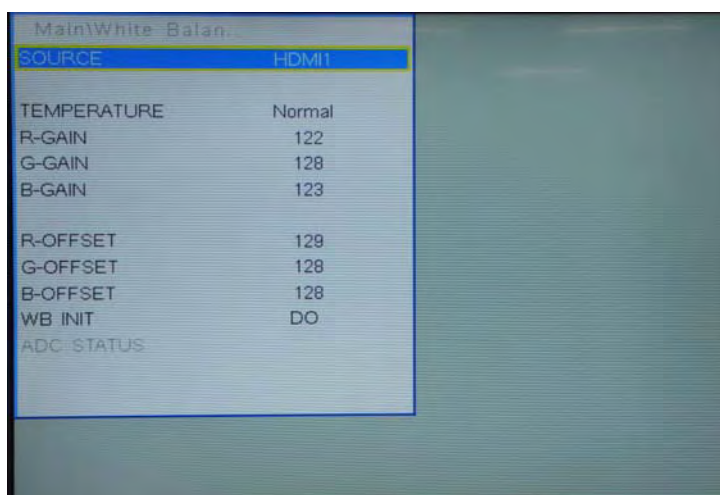
5) change **R Gain** and **B Gain** to make sure the value of color coordination equal to

(x, y).

6) repeat step 2~5 until both of the value of color coordination of white and grey equal to (x, y).

In addition to select **COLORTEMP COOL/WARM**, the adjustment method of **COOL** and **WARM** color temperature is same with that of **NORMAL**. The color coordination we recommend is as follows:

Device: CA-210; Accuracy: ± 0.015				
Color Temperature		WARM	NORMAL	COOL
LCD	x	0.300	0.280	0.270
	y	0.305	0.290	0.270
LED	x	0.302	0.282	0.272
	y	0.317	0.302	0.282



HDMI White Balance adjustment

4.5 ADC Calibration and White Balance Adjustment (automatic)

The process of adjusting ADC and White Balance automatically is out of the range of this file. Please refer to the relevant technical file of HuiZhou factory of TCL

5. Chip list of software programming before SMT

Following chips must be programmed before SMT by ALL-11 or other tools.

	Position	Chip type	Chip name	Part number	Software description	Decal
1	U502	Flash	EN25Q3	13-EN25Q3-2AB	main software	SO-8
2	U503	E2PROM	M24C64	13-M24C64-W6B	HDCP KEY	SO-8

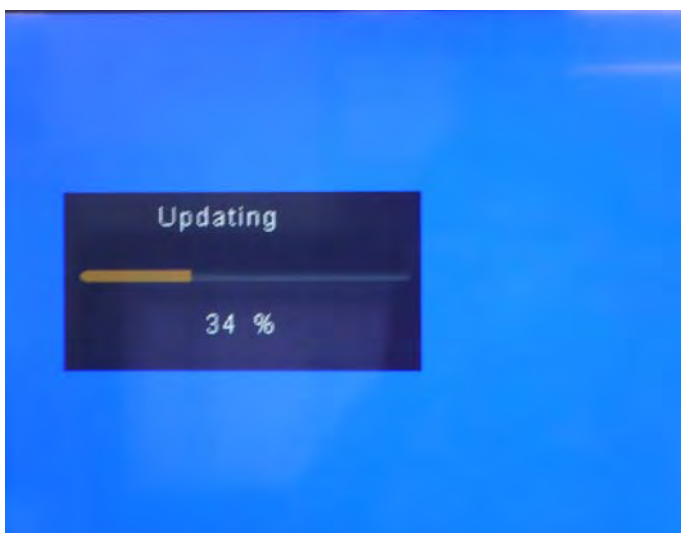
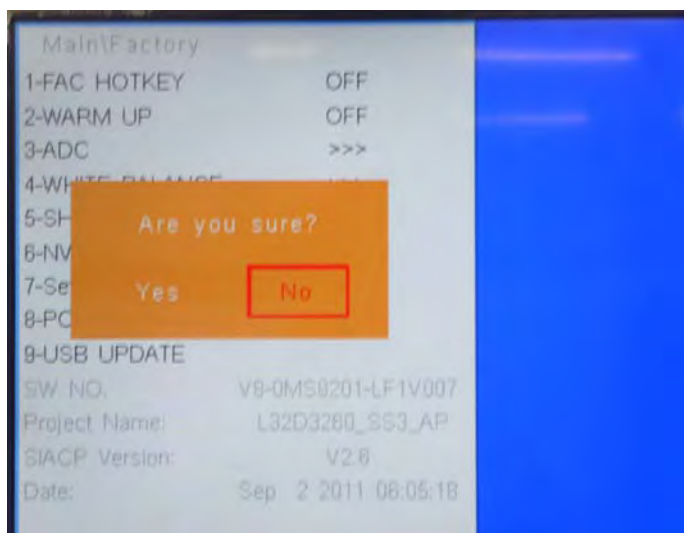
Note:

- 1) The software for U502 and U503 can be program using ISP tool.
- 2) Every set has its unique HDCP key which is purchased from suppliers or HDCP certification authority. Please check HDCP function in the process of production.
- 3) Once in a while, the software of main board may be upgraded. Please pay attention to use the latest software before production.

Appendix:

1. Software upgrade through USB disk

- 1) Please ensure the software you are using has a correct file name **TCL_MS82_UPDATE.bin**, then copy it to the root directory of a USB disk.
- 2) Insert the USB disk to the USB socket of the set for which you are going to upgrade program.
- 3) Enter the **Factory Menu** (you can choose either a or b way below)
 - a. In the first place, press **Menu** button of remote control, then select **Contrast** item of **Picture** submenu. Finally, press **9, 7, 3, 5** consecutively.
 - b. When the **Factory hotkey** item of **Factory Menu** is enabled (ON), press **Return** button of remote control.
- 4) select **USB UPDATE**, press ► button of remote control, a pop menu will appear prompting whether start upgrade or not. Press **Yes** to start upgrade, press **No** to cancel. **Please wait patiently until the set restart automatically after upgrade. Do not cut off the power supply during the process.**

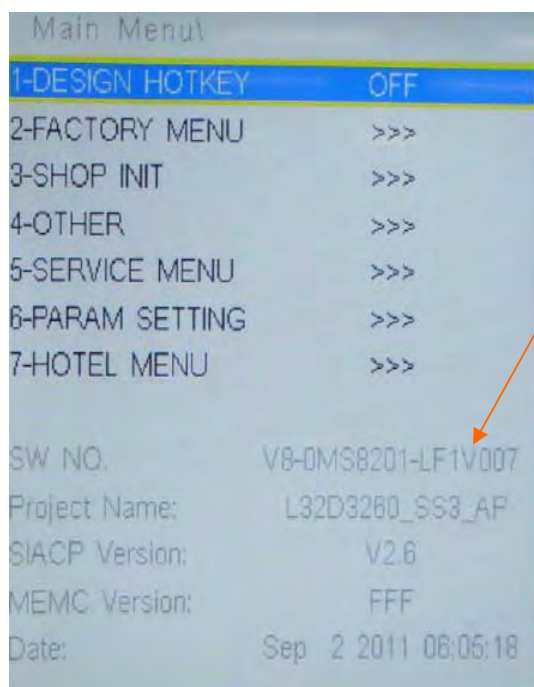


Upgrade Main Software

2. Check software version, release date and Project ID

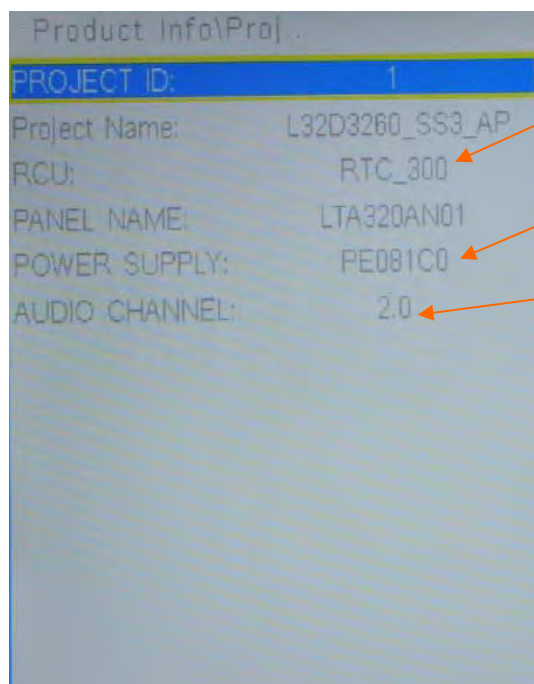
After upgrading, sometimes you may not certain whether the new software has been successfully updated or not. In this case, you can check the software version and release date in **Factory Main Menu** to make sure the success of upgrading. In addition, for the convenience of software management, many models of same chassis may share a same software, but are allocated with different Project ID. In another words, every model has its unique Project ID. Obviously, Both software version and Project ID are highly critical to ensure the set work properly. Therefore, after upgrading software, we suggest you check these information by following method.

- 1) Enter the **Factory Main Menu**(you can choose either a or b way below)
 - a In the first place, press **Menu** button of remote control, then select **Contrast** item of **Picture** submenu. Finally, press **1, 9 5, 0** consecutively.
 - b. When the **DESIGN HOTKEY** item of **Factory Main Menu** is enabled (ON), press **Return** button of remote control.
- 2) Check the version of software, release date displayed at the bottom of **Factory Main Menu**. If the information is correct, you can ignore step C and D.
- 3) choose **SERVICE MENU->PROJECT ID**, choose corresponding Project ID number of the product (Please refer to the description in BOM about Project ID number).
- 4) choose **Factory Menu** and press **OK** button of the remote. Next, select **NVM RESET** and press **▶** and wait until prompt OK appears.
- 5) choose **SHOP INIT** and press **▶** button of remote control to initialize the set.
Note: after **step 1** (execute **SHOP INIT**), **Hotel Menu** will be disabled by default. Therefore, if order requires hotel function, it is necessary to enable hotel function by set **Factory Main Menu-> Service Menu->HOTEL ENABLE** to **ON**.
- 6) restart the set.



Product
Information

Check product information



Remote Control name

Power Supply name

Audio Channel number

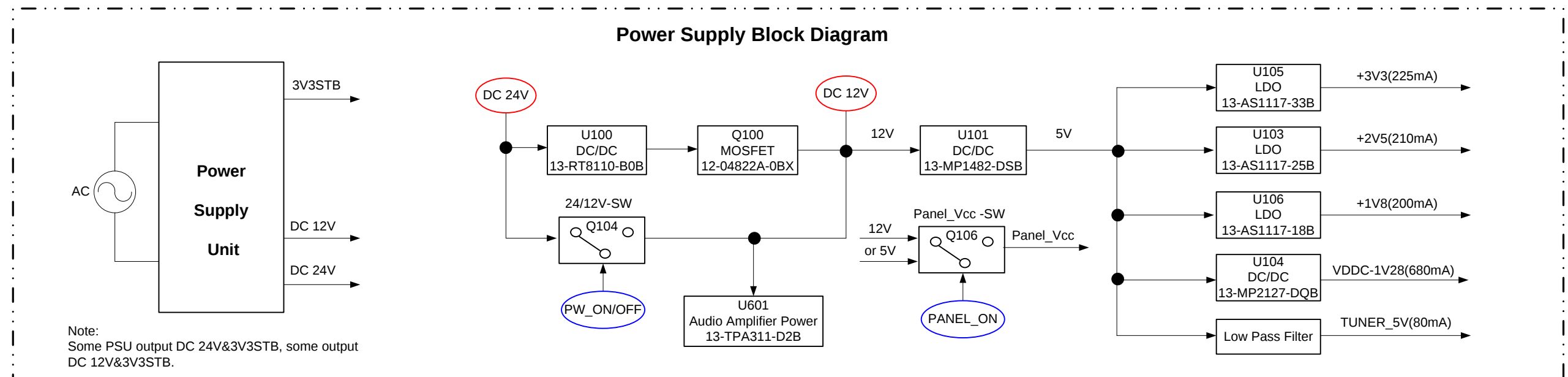
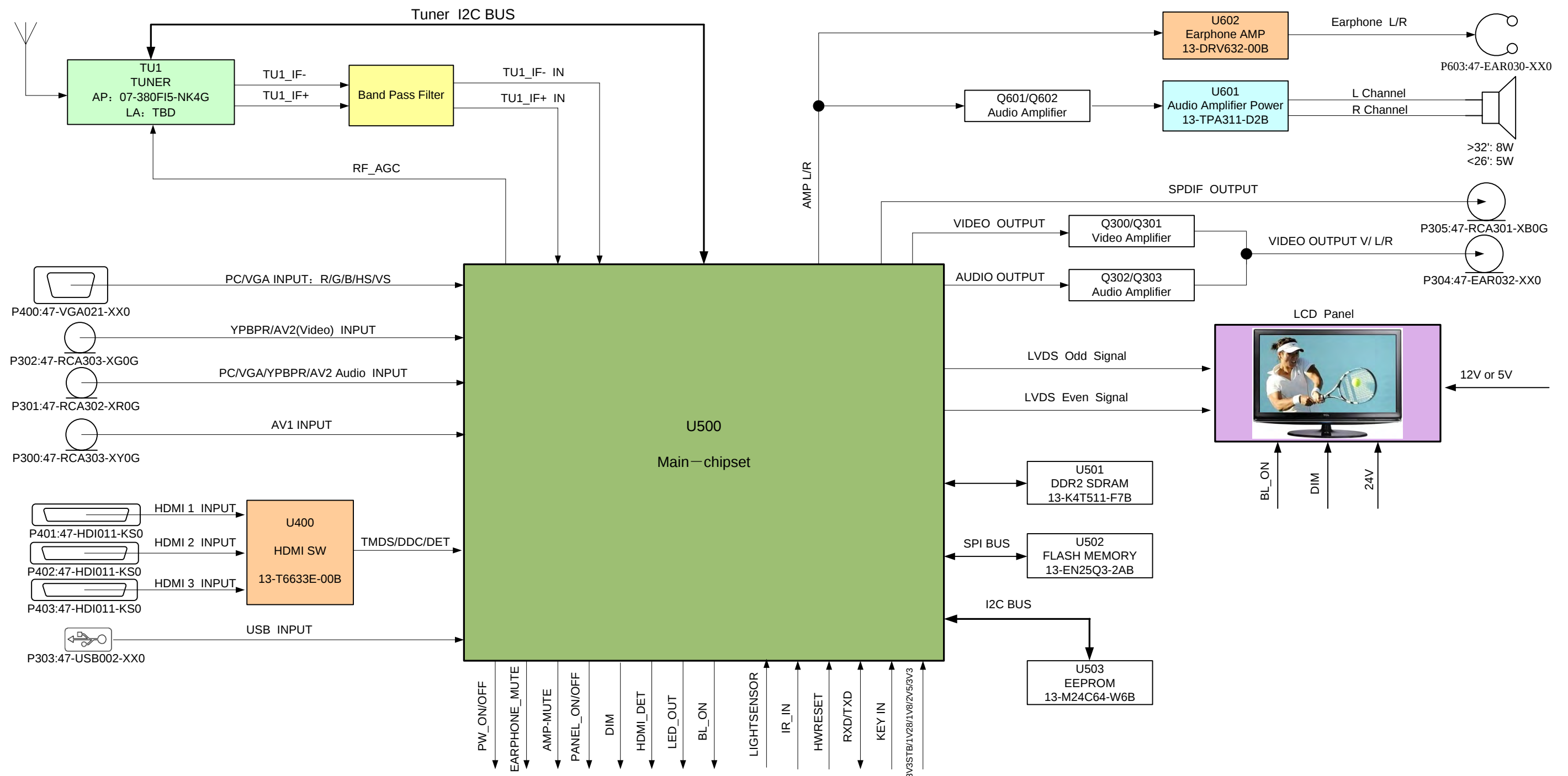
Change project ID

3. FAQ

1) Why there is no picture after upgrading software or changing project ID?

It may be caused by fault of project ID. You can try below method to fix the problem.

- a. If the resolution of the panel of your set is 1366×768(HD panel), you can press Menu, ► and **4976** of remote control in series after turning on.
- b. If the resolution of the panel of your set is 1920×1080(FHD panel), you can press Menu, ► and **4973** in series after turning on.
- c. If you can see the picture at this time, please recheck the project ID again. If the project ID is still wrong, correct it reference to above description.

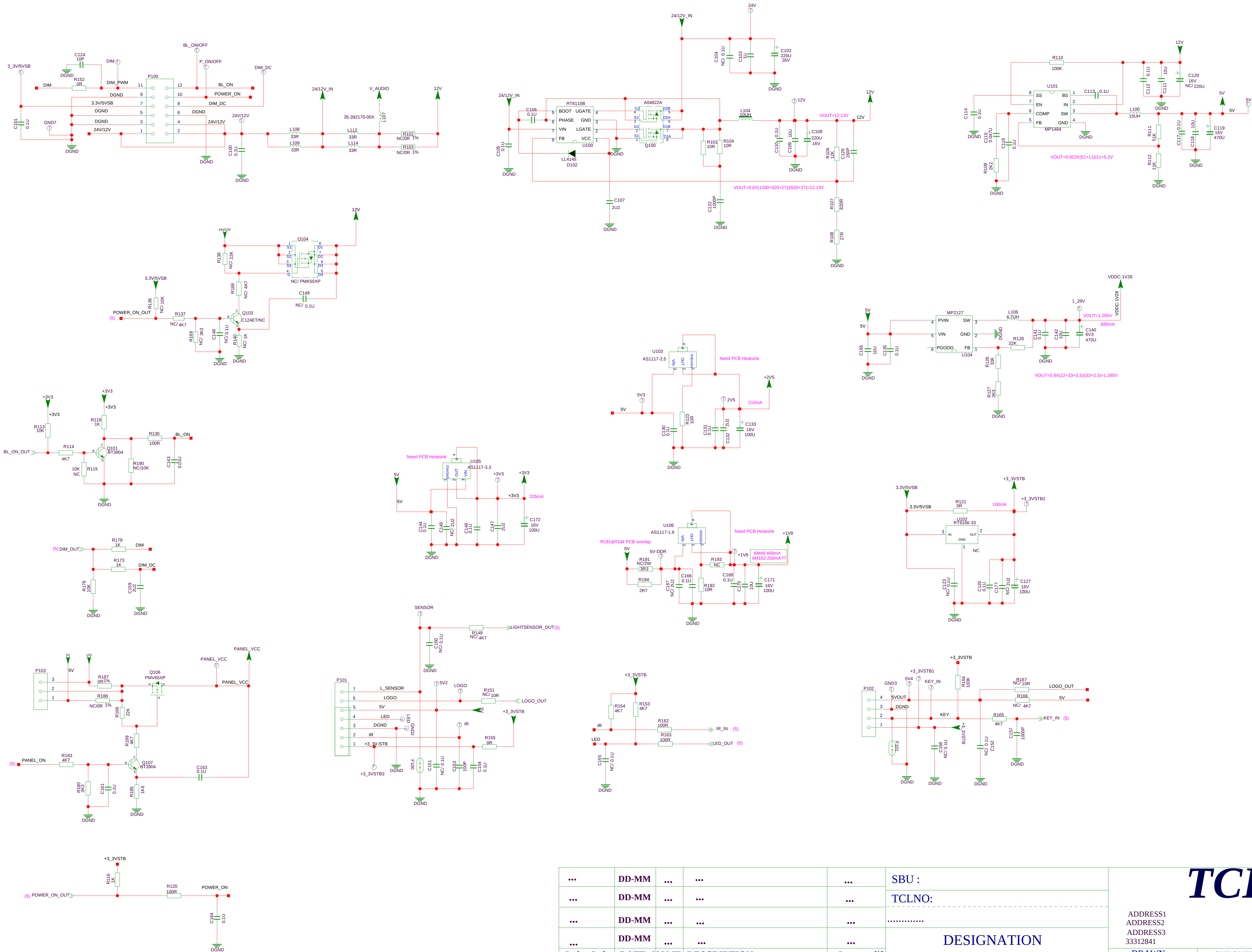


MS82S (AP&LA) Chassis Block Diagram

7	6	5	4	3	2	1											
D	<table border="1"><tr><td colspan="2">MODEL: 01-MS82S0-MAC2XG</td></tr><tr><td colspan="2">DESCRIPTION:</td></tr><tr><td>DRAWN:</td><td>DATE:</td></tr><tr><td>CHECK:</td><td>DATE:</td></tr><tr><td>APPR:</td><td>DATE:</td></tr></table>						MODEL: 01-MS82S0-MAC2XG		DESCRIPTION:		DRAWN:	DATE:	CHECK:	DATE:	APPR:	DATE:	
MODEL: 01-MS82S0-MAC2XG																	
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<table border="1"><tr><td colspan="4"></td></tr><tr><td colspan="4">WW R&D CENTER TCL MULTIMEDIA TECHNOLOGY HOLDING LTD. 5TH FLOOR.TCL BUILDING.SOUTH NANHAI ROAD NANSHAN DISTRICT.SHENZHEN.GUANGDONG 518067 CHINA TEL: +86 755 33312403</td></tr><tr><td>NOTE:</td><td>.....</td><td>PAGE:</td><td>OF</td></tr></table>										WW R&D CENTER TCL MULTIMEDIA TECHNOLOGY HOLDING LTD. 5TH FLOOR.TCL BUILDING.SOUTH NANHAI ROAD NANSHAN DISTRICT.SHENZHEN.GUANGDONG 518067 CHINA TEL: +86 755 33312403				NOTE:		PAGE:	OF
																	
WW R&D CENTER TCL MULTIMEDIA TECHNOLOGY HOLDING LTD. 5TH FLOOR.TCL BUILDING.SOUTH NANHAI ROAD NANSHAN DISTRICT.SHENZHEN.GUANGDONG 518067 CHINA TEL: +86 755 33312403																	
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WW R&D CENTER TCL MULTIMEDIA TECHNOLOGY HOLDING LTD.
5TH FLOOR.TCL BUILDING.SOUTH NANHAI ROAD
NANSHAN DISTRICT.SHENZHEN.GUANGDONG 518067 CHINA
TEL:+86 755 33312403

OF



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TCL

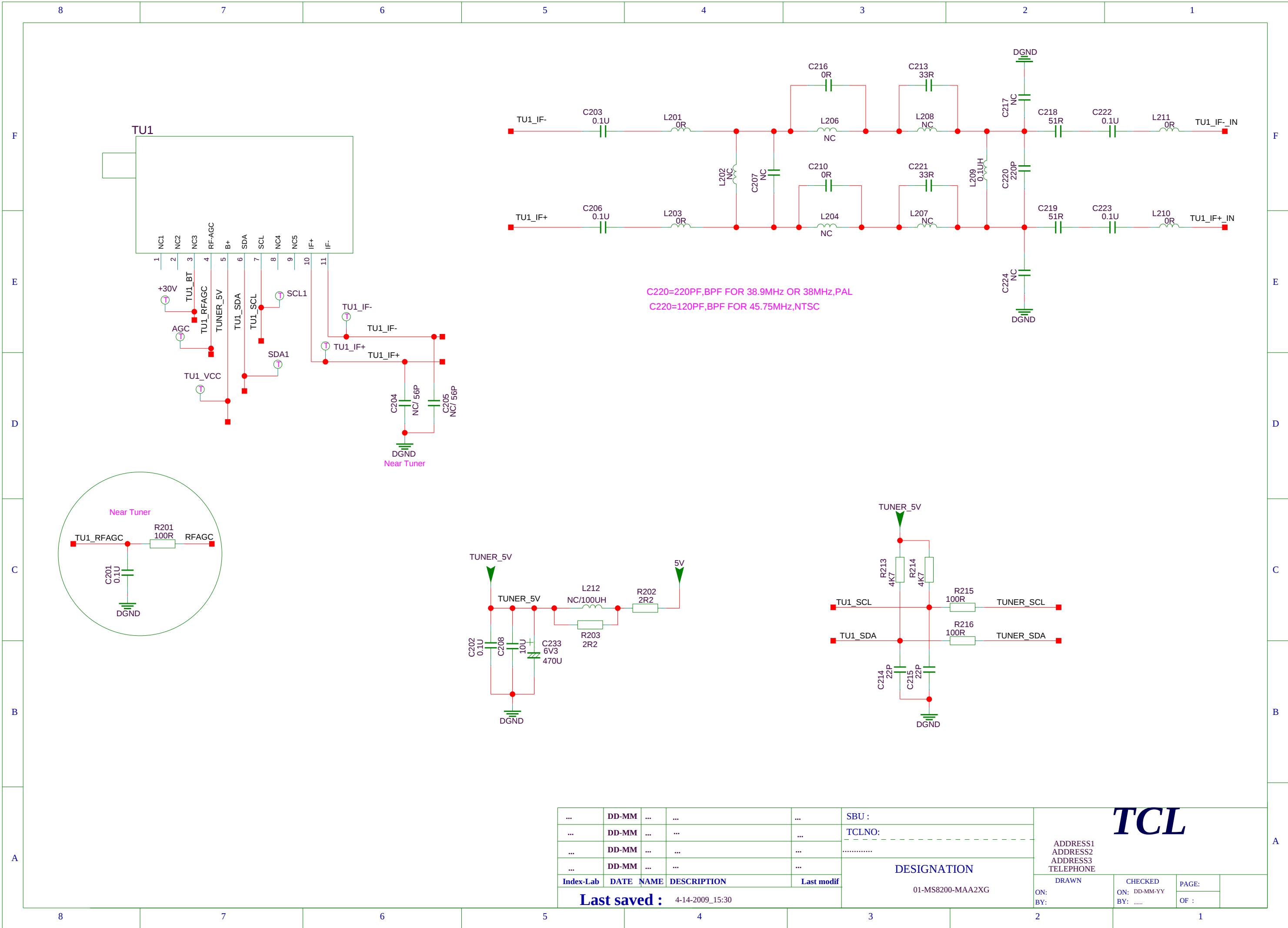
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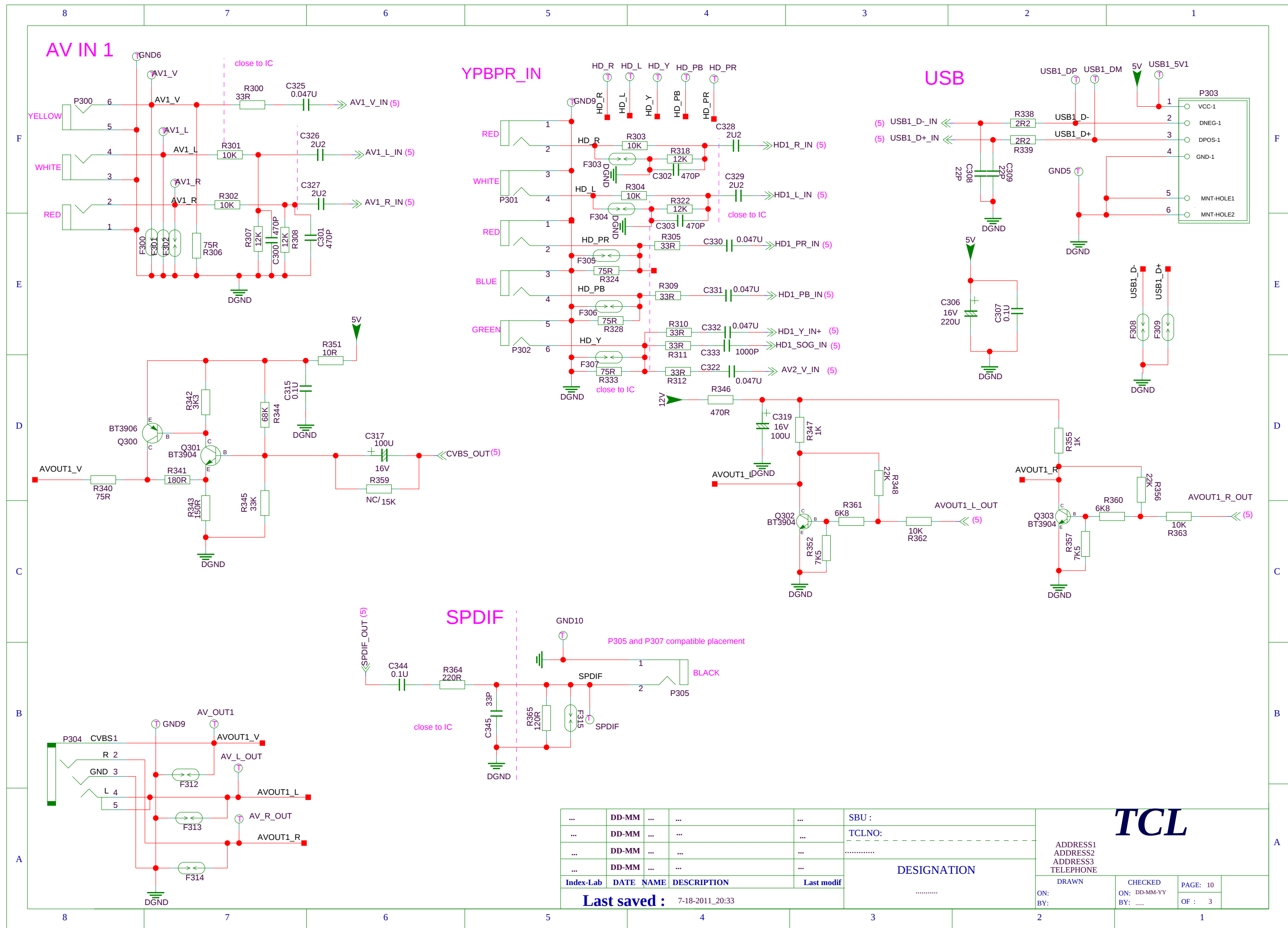
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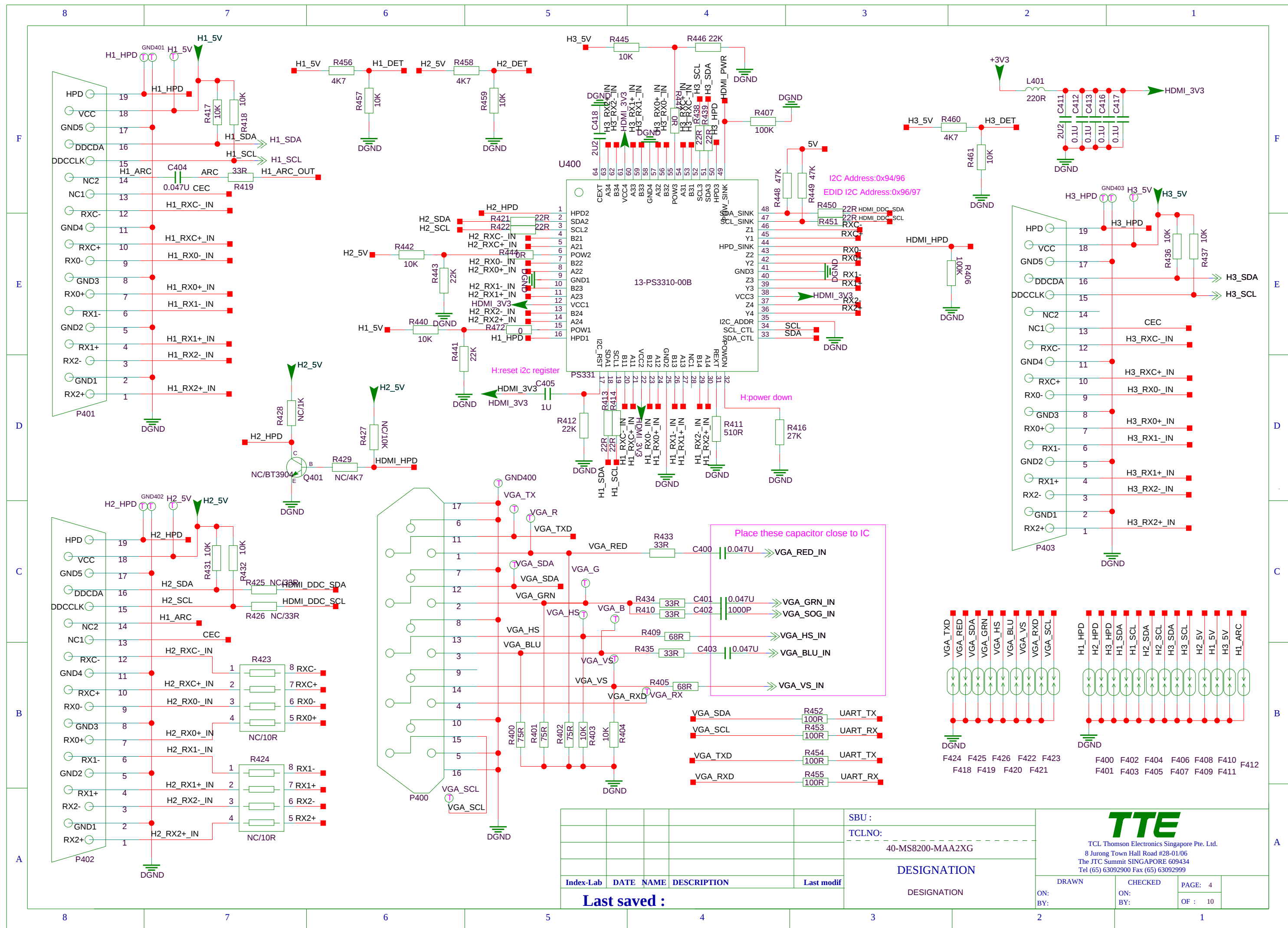


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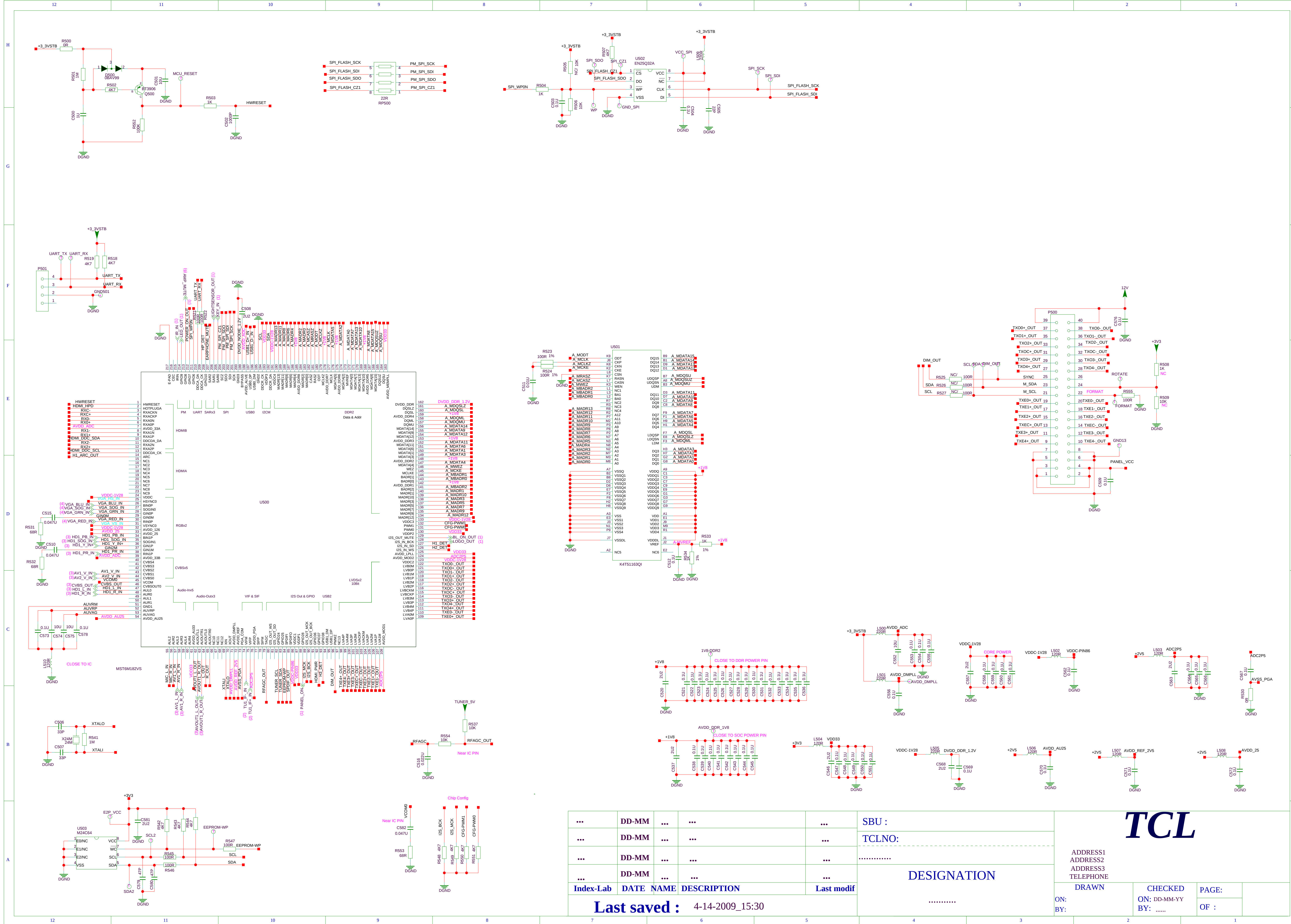
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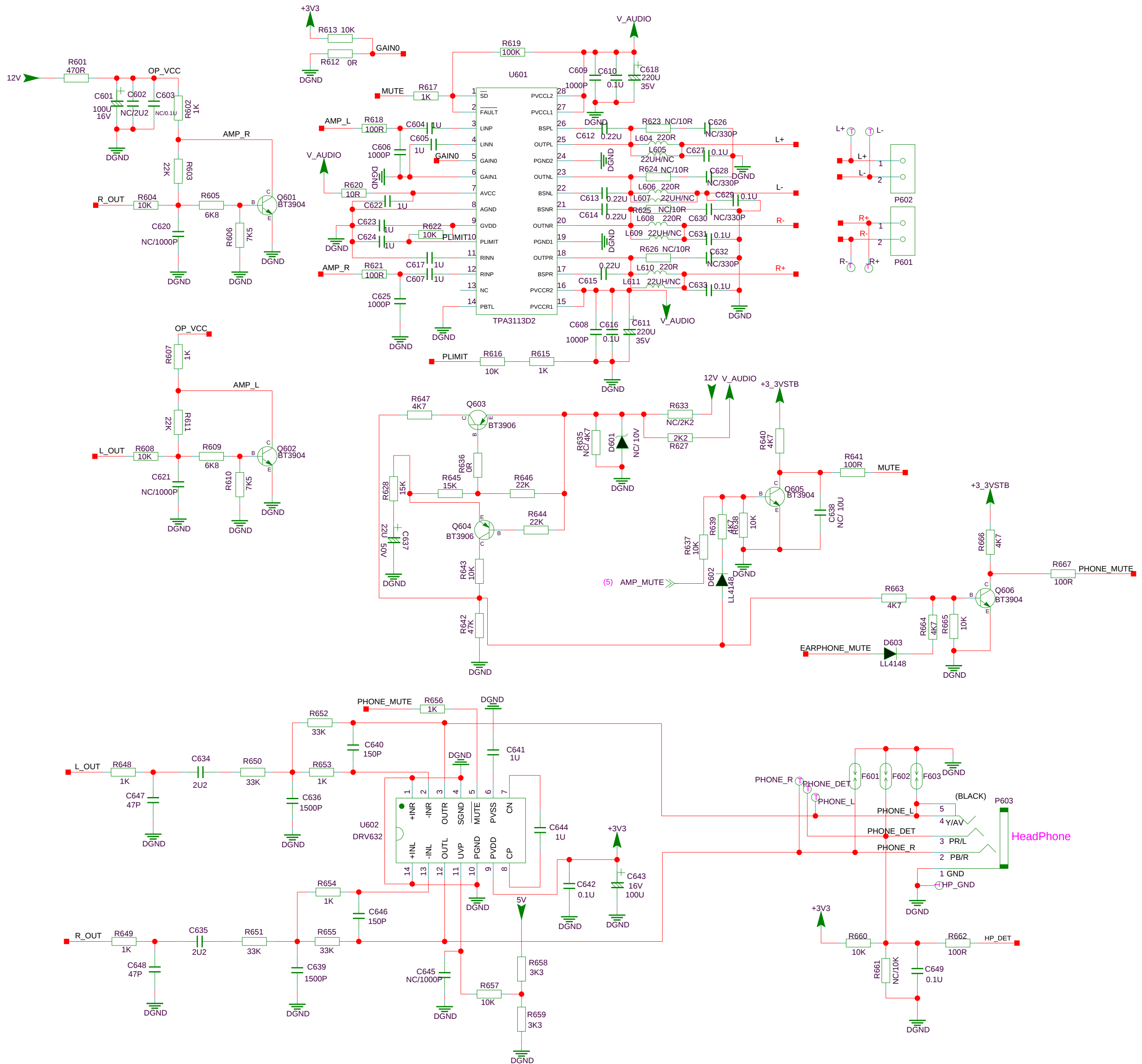
TCL

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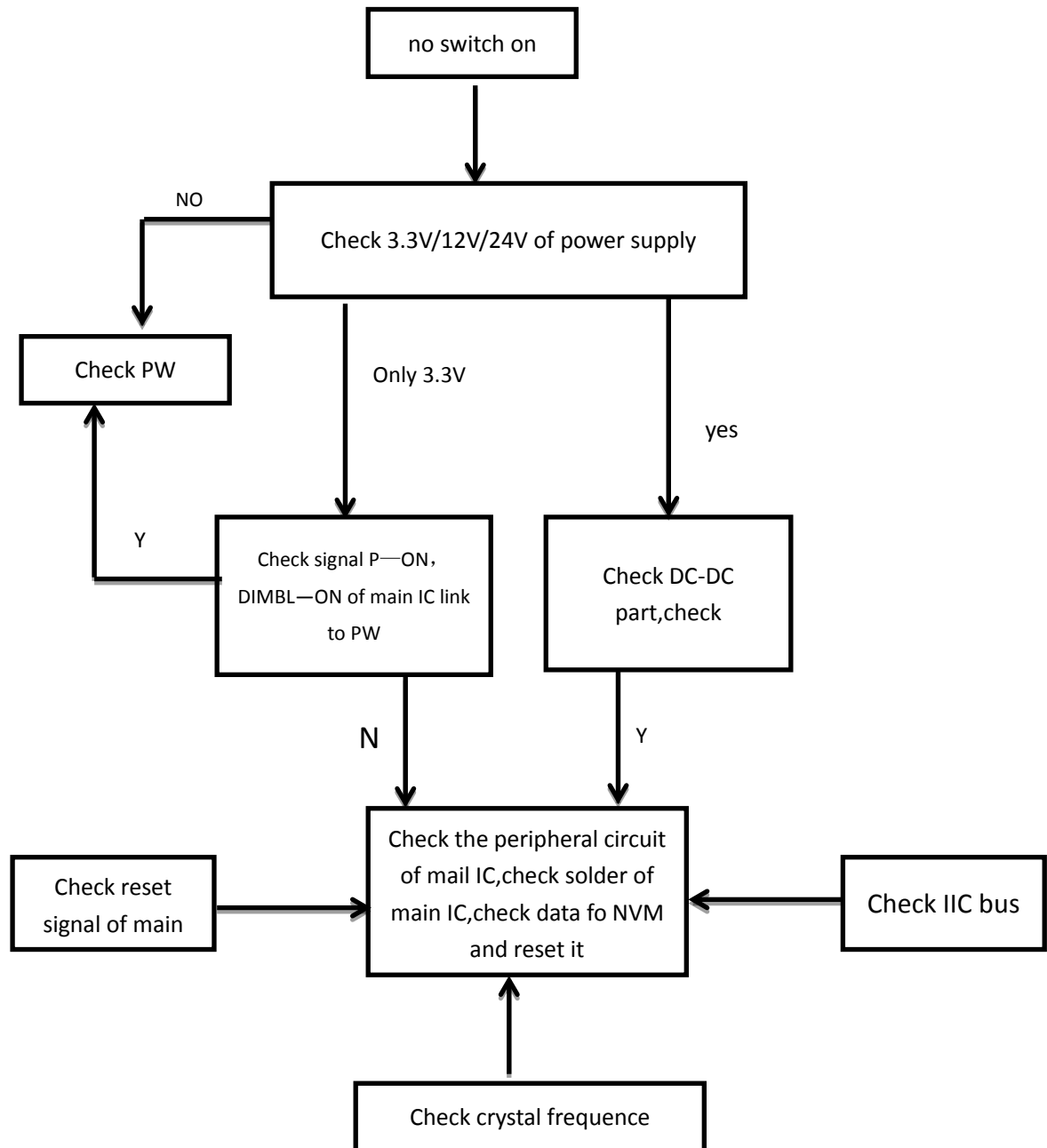
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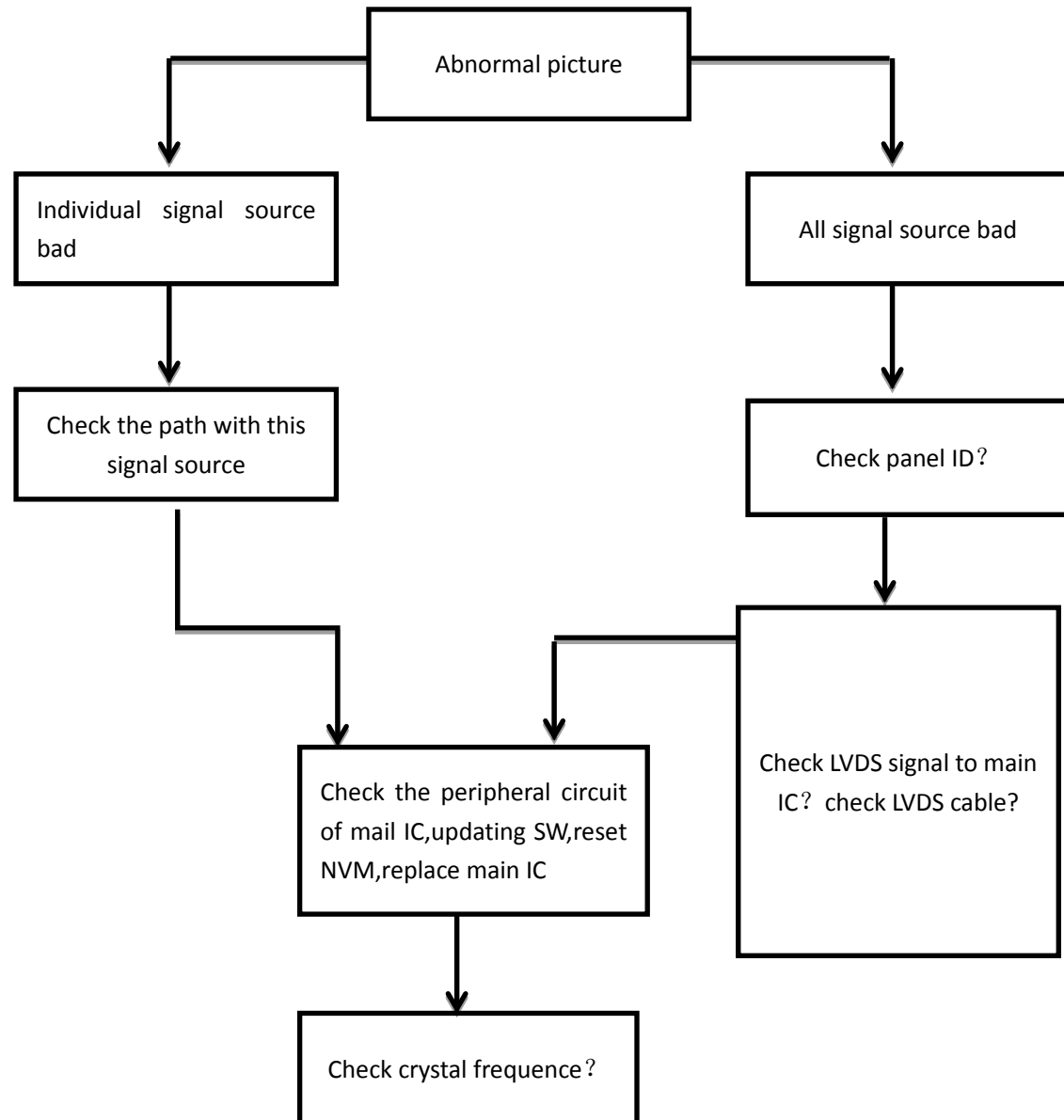


Trouble shooting

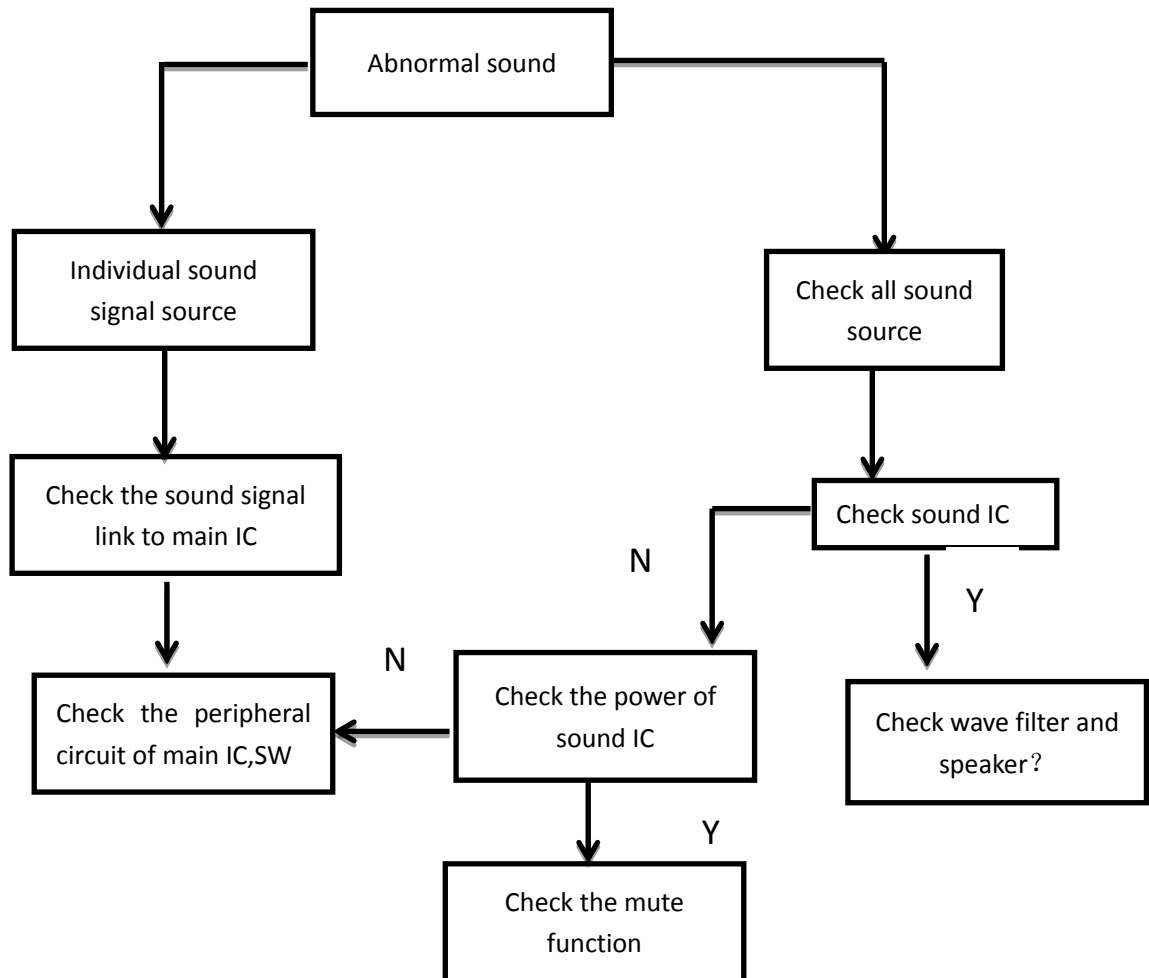
1、 Can not switch on:



2、abnormal picture :



3、 Abnormal sound:



H3-32E53E3-SRNB0AA
L32E5300/MS82S-AP/CSTM E3 V1

parent	child	description	BOM text
H3-32E53E3-SRNB0AA	64-T20020-104G	SCREW M2MM 2MM ISO 53 R=Y	
H3-32E53E3-SRNB0AA	64-T20020-104G	SCREW M2MM 2MM ISO 53 R=Y	
H3-32E53E3-SRNB0AA	64-B40120-114G	SCREW 4MM 12MM ISO 53 R=Y	
H3-32E53E3-SRNB0AA	64-B30080-105G	SCREW 3MM 8MM R=Y	
H3-32E53E3-SRNB0AA	64-B30080-105G	SCREW 3MM 8MM R=Y	
H3-32E53E3-SRNB0AA	63-W3012T-BF5G	SCREW-ST 3MM 12MM ISO 19 R=Y	
H3-32E53E3-SRNB0AA	63-W3012T-BF5G	SCREW-ST 3MM 12MM ISO 19 R=Y	
H3-32E53E3-SRNB0AA	63-S4015T-BT4G	SCREW-ST 4MM 15MM ISO R=Y	
H3-32E53E3-SRNB0AA	63-S3010T-BF4G	SCREW-ST 3MM 10MM ISO R=Y	
H3-32E53E3-SRNB0AA	63-B4012T-BF4G	SCREW-ST 4MM 12MM ISO R=Y	
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H3-32E53E3-SRNB0AA	63-B3008T-BF4G	SCREW-ST 3MM 8MM ISO R=Y	
H3-32E53E3-SRNB0AA	63-B30080-AB3G	SCREW-ST 3MM 8MM JIS B 1122 68 0 0 R=Y	
H3-32E53E3-SRNB0AA	63-B30060-BF4G	SCREW	
H3-32E53E3-SRNB0AA	67-911310-0G001	PRI STAND CONNECTER -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	V6-PROJECT-ID037	SOFTWARE PROJECT ID: 37	
H3-32E53E3-SRNB0AA	89-BX8915-JZOU	SUNDRIES-TAPE ADHESIVE 18MMX55M --	
H3-32E53E3-SRNB0AA	76-940270-1AT	RAW CARTON-BOX LED32E5300-EM K=A 00 00 0	
H3-32E53E3-SRNB0AA	75-940260-EC1	RAW POLYFOAM BOTTOM LED32E5300-EM 00 00	
H3-32E53E3-SRNB0AA	75-940250-EC1	RAW POLYFOAM TOP LED32E5300-EM 00 00 R=Y	
H3-32E53E3-SRNB0AA	74-110075-50HEM	DEC BAG -- R=N	
H3-32E53E3-SRNB0AA	74-022032-5WEEM	DEC BAG -- R=Y	
H3-32E53E3-SRNB0AA	74-008010-12C	RAW BAG PE 80MM×100MM (AUTO LOCK) -- 0	
H3-32E53E3-SRNB0AA	72-MS82SA-EAP1B	PRI -- IB MS82S-AP TCL ENG R=Y	
H3-32E53E3-SRNB0AA	71-BAR006-0A9	TV PRI LABEL E001 -- R=N	
H3-32E53E3-SRNB0AA	70-STDE53-EEMAD	TV PRI ADDENDUM SHEET E5300F STAND ASSY	
H3-32E53E3-SRNB0AA	67-M94735-1G0	RAW SUPPORT 32E5300 -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	67-M93401-0G0	RAW SUPPORT VESA -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	67-M93400-0G0	RAW SUPPORT METAL SHEET -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	67-M93398-0G0	RAW SUPPORT PSU-METAL-SHEET -- 00 00 00	
H3-32E53E3-SRNB0AA	67-M93200-7G01A	DEC SUPPORT L32E5300/MS82S-LA -- 00 00 0	
H3-32E53E3-SRNB0AA	62-947340-OHN	RAW SUPPORT 32E5300 -- 00 00 00 R=N	
H3-32E53E3-SRNB0AA	46-MM012L-02PN1G	WIRE KEY BOARD TO SWITCH BOARD LINE 120M	
H3-32E53E3-SRNB0AA	46-LL045L-12X01G	WIRE POWER SULLPY WIRE FOR MAIN BOARD 45	
H3-32E53E3-SRNB0AA	46-FM060L-07P01G	IR WIRE 600MM 7 A200	
H3-32E53E3-SRNB0AA	46-FM060L-04P01G	WIRE CABLE 600MM 4 A2008 A1250/1255 2.0	
H3-32E53E3-SRNB0AA	46-FL020L-28WN1G	WIRE DRIVER LINE 200MM 12PIN PHD(LOCK) P	
H3-32E53E3-SRNB0AA	46-CX040L-02J01G	WIRE NEW SPEAKER WIRE FOR LEFT 400MM 2PI	
H3-32E53E3-SRNB0AA	46-BX040L-02J01G	WIRE SPEAKER WIRE 400MM 2PIN TJC3(LOCK)	
H3-32E53E3-SRNB0AA	46-60HA50-AAB01G	WIRE LVDS 500MM 40-30PIN PHD PHD 2.0-1.0	
H3-32E53E3-SRNB0AA	42-31816F-XX1G	SPEAKER 16OHM 8W 80 210HZ RECTANGLE 28.3	
H3-32E53E3-SRNB0AA	41-UK0150-OKK02	WIRE 2.6MM OD2.6/7.8(9/0.10BC+S25/0.10BC	
H3-32E53E3-SRNB0AA	08-RT321C0-DR200AA	DRT3210	
08-RT321C0-DR200AA	25-GJF220-M1X	CAP.ELE 5MM 22UF 160V 10*20 105 B43044S1	C603
08-RT321C0-DR200AA	19-CD0271-JTX	SMD. RES 270 OHM 1/4W +/-5% 1206	R623

08-RT321C0-DR200AA	19-CD0271-JTX	SMD. RES 270 OHM 1/4W +/-5% 1206	R609
08-RT321C0-DR200AA	19-CD0271-JTX	SMD. RES 270 OHM 1/4W +/-5% 1206	R622
08-RT321C0-DR200AA	19-CD0228-JTX	R-SMD 0.220HM 5% 1/4W 1206 WW12XR220JTL	R608
08-RT321C0-DR200AA	19-CD0228-JTX	R-SMD 0.220HM 5% 1/4W 1206 WW12XR220JTL	R607
08-RT321C0-DR200AA	19-BC0474-FTX	SMD. RES 0805, 1/8W, $\pm 1\%$, 470K Ω	R628
08-RT321C0-DR200AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R612
08-RT321C0-DR200AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R611
08-RT321C0-DR200AA	46-40336W-14XG	CONN PH 14 2.0MM FEMALE R	P601
08-RT321C0-DR200AA	46-40336W-10XG	CONN PH 10 2.0MM FEMALE R	P602
08-RT321C0-DR200AA	33-WLL330-MTX	SMD. COIL SLF12575T-330M3R2-PF	L601
08-RT321C0-DR200AA	33-WLL330-MTX	SMD. COIL SLF12575T-330M3R2-PF	L602
08-RT321C0-DR200AA	28-BC0105-KBX	CAP. CER, SMD 1UF 16V 0805 -	C611
08-RT321C0-DR200AA	28-BB0473-KBX	CAP. CER, SMD 47N0F 50.0V 0805 -	C606
08-RT321C0-DR200AA	28-BB0331-JCX	SMD. CAP 330 PF 50V C 0805	C610
08-RT321C0-DR200AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C612
08-RT321C0-DR200AA	28-BB0102-KBX	CAP. CER, SMD 1NF 50.0V 0805 - +/-10% R=Y	C613
08-RT321C0-DR200AA	26-AIC102-KBX	CAP. CER 1N0F 500VV -	C605
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R644
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R645
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R647
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R646
08-RT321C0-DR200AA	09-S4200H-STX	D-BR, SMD 200V 4A 0.82V 100A 1UA 25NSEC 2	D601
08-RT321C0-DR200AA	09-38C5V6-DTX	D-ZENER, SMD 5.6VV /A 0.3W BZX384-C5V6	D607
08-RT321C0-DR200AA	09-38C5V6-DTX	D-ZENER, SMD 5.6VV /A 0.3W BZX384-C5V6	D606
08-RT321C0-DR200AA	09-0BAV70-ATX	D, SMD 75VV 125MA A 715MVV 4N 0.25W SOT23	D602
08-RT321C0-DR200AA	09-0BAS21-ATX	DIO SIG SM BAS21	D603
08-RT321C0-DR200AA	19-BC0471-JTX	SMD. RES 470 OHM 1/8W +/-5%	R604
08-RT321C0-DR200AA	19-BC0334-FTX	SMD. RES 330K OHM 1/8W +/-1%	R630
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R651
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R654
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R652
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R653
08-RT321C0-DR200AA	19-BC0223-JTX	SMD. RES 0805, 1/8W, $\pm 5\%$, 22K Ω	R603
08-RT321C0-DR200AA	19-BC0220-JTX	SMD. RES 0805, 1/8W, $\pm 5\%$, 22 Ω	R636
08-RT321C0-DR200AA	19-BC0124-FTX	SMD. RES 0805, 1/8W, $\pm 1\%$, 120K Ω	R629
08-RT321C0-DR200AA	19-BC0750-JTX	SMD. RES 75 OHM 1/8W +/-5%	R601
08-RT321C0-DR200AA	19-BC0470-JTX	SMD. RES 0805, 1/8W, $\pm 5\%$, 47 Ω	R602
08-RT321C0-DR200AA	19-BC0000-JTX	SMD. RES 0 OHM 1/8W +/-5%	R660
08-RT321C0-DR200AA	25-NEF331-M1X	CAP. ELE 105DEGREE C 0.00033F 20% 35V 103	C601
08-RT321C0-DR200AA	19-BC0333-FTX	SMD. RES 33K OHM 1/8W +/-1%	R625
08-RT321C0-DR200AA	19-BC0333-FTX	SMD. RES 33K OHM 1/8W +/-1%	R624
08-RT321C0-DR200AA	19-BC0122-FTX	SMD. RES 1.2K OHM 1/8W +/-1%	R621
08-RT321C0-DR200AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C627
08-RT321C0-DR200AA	28-BB0102-KBX	CAP. CER, SMD 1NF 50.0V 0805 - +/-10% R=Y	C625
08-RT321C0-DR200AA	33-NLL330-MTX	IND-SMD 0.150HM 40 1.7A TAPE VLC6045T-33	L610
08-RT321C0-DR200AA	28-BB0102-KBX	CAP. CER, SMD 1NF 50.0V 0805 - +/-10% R=Y	C626
08-RT321C0-DR200AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R631
08-RT321C0-DR200AA	25-KJF470-M1X	CAP. ELE 105DEGREE C 0.000047F +20% 160V	C604
08-RT321C0-DR200AA	40-RT3210-DRF2XG	PCB DR 170 X180/ 42MM 42PC DOUBLESIDED 1	PCB
08-RT321C0-DR200AA	13-MP3204-TTB	IC LED DRIVER IC MAP3204T	U601
08-RT321C0-DR200AA	12-AOD478-OBX	MOSFET-SMD N 100V 11A 2.8V 0.1520HM 2.1W	Q601
H3-32E53E3-SRNB0AA	08-PE081M0-PW200AA	ASS'Y - 电源板 PE081C0(PE081M0)	
08-PE081M0-PW200AA	08-PE081M0-PW300AA	LED PSU(PE081C0)	
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C204

08-PE081M0-PW300AA	28-BB0102-KBX	CAP. CER, SMD 1NF 50.0V 0805 - +/-10% R=Y	C103
08-PE081M0-PW300AA	28-BB0102-KBX	CAP. CER, SMD 1NF 50.0V 0805 - +/-10% R=Y	C104
08-PE081M0-PW300AA	27-MHB472-J0X	CAP. METAL PE. 0.0047UF +/-5% 400VDC	C101
08-PE081M0-PW300AA	27-AQK474-KV6T	0.47UF 10% AC275V </=0.1% MPX-474K27L15L	CX1
08-PE081M0-PW300AA	26-APK471-KB9A	CAP. CER 470PF 250V HJB471KB4B3.5W 10% B%	CY2
08-PE081M0-PW300AA	26-APK471-KB9A	CAP. CER 470PF 250V HJB471KB4B3.5W 10% B%	CY1
08-PE081M0-PW300AA	26-APK471-KB9A	CAP. CER 470PF 250V HJB471KB4B3.5W 10% B%	CY4
08-PE081M0-PW300AA	26-APK102-ME9A	CAP. CER 1000PF 250V HJE102MB4B3.5W 20% B	CY3
08-PE081M0-PW300AA	25-TFB220-M1X	CAP. ELE 5MM 22UF 50V 6.3 * 7 105 CD70H	C203
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C211
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C208
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C110
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C212
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C210
08-PE081M0-PW300AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C102
08-PE081M0-PW300AA	28-BB0105-ZFX	CAP. CER, SMD 1U0F 50V DCV 0805 -	C202
08-PE081M0-PW300AA	28-BB0105-ZFX	CAP. CER, SMD 1U0F 50V DCV 0805 -	C216
08-PE081M0-PW300AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C213
08-PE081M0-PW300AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C214
08-PE081M0-PW300AA	28-BB0681-JCX	CAP. CER, SMD 680P0F 50V DCV 0805 -	C105
08-PE081M0-PW300AA	19-CD0125-JTX	SMD. RES 1.2M OHM 1/4W +/-5%	RD1
08-PE081M0-PW300AA	19-CD0125-JTX	SMD. RES 1.2M OHM 1/4W +/-5%	RD2
08-PE081M0-PW300AA	19-CD0125-JTX	SMD. RES 1.2M OHM 1/4W +/-5%	RD4
08-PE081M0-PW300AA	19-CD0150-JTX	SMD. RES 15 OHM 1/4W +/-5% 1206	R121
08-PE081M0-PW300AA	19-CD0150-JTX	SMD. RES 15 OHM 1/4W +/-5% 1206	R120
08-PE081M0-PW300AA	19-CD0150-JTX	SMD. RES 15 OHM 1/4W +/-5% 1206	R122
08-PE081M0-PW300AA	19-CD0150-JTX	SMD. RES 15 OHM 1/4W +/-5% 1206	R119
08-PE081M0-PW300AA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	R201
08-PE081M0-PW300AA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	R132
08-PE081M0-PW300AA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	R202
08-PE081M0-PW300AA	19-CD0471-JTX	SMD. RES 470 1/4W 5%	R208
08-PE081M0-PW300AA	19-CD0563-JTX	SMD. RES 56K OHM 1/4W +/-5% 1206	R101
08-PE081M0-PW300AA	22-NTC479-XX0	NTC 4.7D2-14	RN1
08-PE081M0-PW300AA	22-VDR681-KG0	VDR 680V 0.4W	RV1
08-PE081M0-PW300AA	25-GCB471-M1X	CAP. ELE 5MM 470UF 16V 8X12 105 /	C205
08-PE081M0-PW300AA	25-GCB471-M1X	CAP. ELE 5MM 470UF 16V 8X12 105 /	C206
08-PE081M0-PW300AA	25-MFB479-K1X	CAP. ELE 5MM 4.7UF 50V 5*11 105 \	C112
08-PE081M0-PW300AA	25-NEF102-M1S	CAP. ELE 105DEGREE C 1000UF 20% 35V 2560M	C108
08-PE081M0-PW300AA	25-NEF102-M1S	CAP. ELE 105DEGREE C 1000UF 20% 35V 2560M	C109
08-PE081M0-PW300AA	25-NEF331-M1X	CAP. ELE 105DEGREE C 0.00033F 20% 35V 103	C106
08-PE081M0-PW300AA	25-TFB220-M1X	CAP. ELE 5MM 22UF 50V 6.3 * 7 105 CD70H	C209
08-PE081M0-PW300AA	41-WJ0125-B00	WIREBAREJUMPER12.5MM	J8
08-PE081M0-PW300AA	41-WJ0125-B00	WIREBAREJUMPER12.5MM	J2
08-PE081M0-PW300AA	41-WJ0150-B00	WIREBAREJUMPER15MM	J3
08-PE081M0-PW300AA	41-WJ0150-B00	WIREBAREJUMPER15MM	J7
08-PE081M0-PW300AA	41-WJ0150-B00	WIREBAREJUMPER15MM	J10
08-PE081M0-PW300AA	41-WJ0150-B00	WIREBAREJUMPER15MM	J26
08-PE081M0-PW300AA	41-WJ0175-B00	WIREBAREJUMPER17.5MM	J17
08-PE081M0-PW300AA	46-39219W-03XG	PIN BASE VH-3AW	CN1
08-PE081M0-PW300AA	46-40338W-12XG	CONN PHD 12 2.0MM FEMALE R	P2
08-PE081M0-PW300AA	46-40338W-28XG	CONN PHD 28 2.0MM FEMALE R	P1
08-PE081M0-PW300AA	50-03150D-6GS3G	FUSE 3.15A 250V	F1
08-PE081M0-PW300AA	57-893390-0UG	RAW HOLDER SPACE -- 00 00 R=Y	K4
08-PE081M0-PW300AA	64-Z30080-114G	Screws	FOR DS1

08-PE081M0-PW300AA	64-Z30080-114G	Screws	FOR QW1
08-PE081M0-PW300AA	66-20516X-1B0	RAW HOLDER FUSE -- 01 00 R=Y	FOR F1
08-PE081M0-PW300AA	66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	FOR CX1
08-PE081M0-PW300AA	66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	FOR TS1
08-PE081M0-PW300AA	66-343740-0B0	HOLLOW RIVET (2.3MMX4.0MMX3.5MM)	FOR CN1
08-PE081M0-PW300AA	67-H88056-AA0	RAW HEATSINK PE3210 0A 00 R=Y	H2
08-PE081M0-PW300AA	67-H88056-DA0	RAW HEATSINK POWER BOARD 00 00 R=Y	H1
08-PE081M0-PW300AA	67-M60442-1E0	TV RAW SPRING GND-15 00 01 R=Y	A17
08-PE081M0-PW300AA	28-CK0222-KBX	CAP. CER, SMD 0.0000000022F 1000V 1206 X7R	C107
08-PE081M0-PW300AA	28-CK0222-KBX	CAP. CER, SMD 0.0000000022F 1000V 1206 X7R	C201
08-PE081M0-PW300AA	35-LB1009-OIX	BEAD CORE INDUCTOR LB3.5X1X9	L101
08-PE081M0-PW300AA	35-LB1009-OIX	BEAD CORE INDUCTOR LB3.5X1X9	L202
08-PE081M0-PW300AA	36-LIF206-BX0	COILS AND INDUCTORS 0.012H 1500V FILTER	LF2
08-PE081M0-PW300AA	36-LIF212-BX0	COILS AND INDUCTORS 200UH 1500V FILTER 1	LF1
08-PE081M0-PW300AA	36-LIF212-BX0	COILS AND INDUCTORS 200UH 1500V FILTER 1	L103
08-PE081M0-PW300AA	36-TRF360-BX0	TRANSFORMER STANDBY MODE TRANSFORMER 3.3	TS2
08-PE081M0-PW300AA	36-TRF381-BX0	TRANSFORMER 0.00031H 24V 22V 44*22.	TS1
08-PE081M0-PW300AA	36-WID848-XX0	OTHER-CI 0.00000084H 7% 100000HZ 0.02OHM	L102
08-PE081M0-PW300AA	36-WID848-XX0	OTHER-CI 0.00000084H 7% 100000HZ 0.02OHM	L201
08-PE081M0-PW300AA	40-P081C0-PWD1XG	PCB LL DOUBLESIDED 1.6MM 10UNCE 40-P081C	PCB
08-PE081M0-PW300AA	41-WJ0060-B00	WIRE-BARE	J14
08-PE081M0-PW300AA	41-WJ0060-B00	WIRE-BARE	J15
08-PE081M0-PW300AA	41-WJ0065-B00	1 R=N	J18
08-PE081M0-PW300AA	41-WJ0075-B00	WIREBAREJUMPER7.5MM	J12
08-PE081M0-PW300AA	41-WJ0100-B00	WIREBAREJUMPER10MM	J1
08-PE081M0-PW300AA	41-WJ0100-B00	WIREBAREJUMPER10MM	J13
08-PE081M0-PW300AA	41-WJ0125-B00	WIREBAREJUMPER12.5MM	J9
08-PE081M0-PW300AA	41-WJ0125-B00	WIREBAREJUMPER12.5MM	J11
08-PE081M0-PW300AA	41-WJ0125-B00	WIREBAREJUMPER12.5MM	J16
08-PE081M0-PW300AA	12-BT3904-0BX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q202
08-PE081M0-PW300AA	12-BT3906-0BX	TR-SMD PNP 40V 200MIO A 250MHZ 225MIO W S	Q203
08-PE081M0-PW300AA	12-N7002P-0BX	MOSFET-SMD N 60V 0.3A 1.7V 1.60HM 0.83W	Q101
08-PE081M0-PW300AA	12-S5160T-0BX	TR-SMD PNP 60VV 1A A 220MHZ 0.27W SOT23	Q201
08-PE081M0-PW300AA	13-PM6754-00B	IC PWM IC FAN6754A	U101
08-PE081M0-PW300AA	13-TCP781-D4P	OPTICOU P 80V TLP781F	PC2
08-PE081M0-PW300AA	13-TCP781-D4P	OPTICOU P 80V TLP781F	PC1
08-PE081M0-PW300AA	13-TCP781-D4P	OPTICOU P 80V TLP781F	PC3
08-PE081M0-PW300AA	13-TL431A-DTB	IC PE061C0 THREE-TERMINAL SHUNT REGULATO	U202
08-PE081M0-PW300AA	13-TL431A-DTB	IC PE061C0 THREE-TERMINAL SHUNT REGULATO	U102
08-PE081M0-PW300AA	13-VIPER1-7LP	IC-PS POWER IC VIPER17LN R=N	U201
08-PE081M0-PW300AA	18-CH0683-JIXL	RESISTOR RESISTOR 68KOHM 5% 3W 69058	R113
08-PE081M0-PW300AA	18-RF0158-JGXL	RESISTOR 0.15OHM 5% 1W KN1W M8 3	R112
08-PE081M0-PW300AA	19-BC0000-JTX	SMD. RES 0 OHM 1/8W +/-5%	R233
08-PE081M0-PW300AA	19-BC0100-FTX	SMD. RES 0805, 1/8W, ±1%, 10Ω	R107
08-PE081M0-PW300AA	19-BC0101-FTX	SMD. RES 0805, 1/8W, ±1%, 100Ω	R103
08-PE081M0-PW300AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R225
08-PE081M0-PW300AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R211
08-PE081M0-PW300AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R224
08-PE081M0-PW300AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R124
08-PE081M0-PW300AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R123
08-PE081M0-PW300AA	09-OBAS21-ATX	DIO SIG SM BAS21	D204
08-PE081M0-PW300AA	09-OBAS21-ATX	DIO SIG SM BAS21	D203
08-PE081M0-PW300AA	09-OBAS21-ATX	DIO SIG SM BAS21	D202
08-PE081M0-PW300AA	09-OBAS21-ATX	D, SMD 75VV 125MA A 715MVV 4N 0.25W SOT23	D104

08-PE081M0-PW300AA	09-0BAV70-ATX	D, SMD 75VV 125MA A 715MVV 4N 0.25W SOT23	D208
08-PE081M0-PW300AA	09-0BAV99-ATX	D, SMD 70.0V 200MIO A 855MIOV 4N 0.25W SO	D107
08-PE081M0-PW300AA	09-52HC18-DTX	D-ZENER, SMD 18V /A 0.375W BZT52HC18	D206
08-PE081M0-PW300AA	09-52HC18-DTX	D-ZENER, SMD 18V /A 0.375W BZT52HC18	D102
08-PE081M0-PW300AA	09-52HC20-DTX	D-ZENER, SMD 20V /A 0.375W BZT52HC20	D103
08-PE081M0-PW300AA	09-52HC27-DTX	D-ZENER, SMD 27V /A 0.375W BZT52HC27	ZD1
08-PE081M0-PW300AA	09-55C18V-DTX	SMD. DIODE BZV55-C18	D205
08-PE081M0-PW300AA	10-0RL255-EBX	D-PIN 1.1V 2 A 800V / /W DO-15 RL255	BD3
08-PE081M0-PW300AA	10-0RL255-EBX	D-PIN 1.1V 2 A 800V / /W DO-15 RL255	BD2
08-PE081M0-PW300AA	10-0RL255-EBX	D-PIN 1.1V 2 A 800V / /W DO-15 RL255	BD1
08-PE081M0-PW300AA	10-0RL255-EBX	D-PIN 1.1V 2 A 800V / /W DO-15 RL255	BD4
08-PE081M0-PW300AA	10-0SR160-SBX	D-PIN 0.7VV 1 A 60VV / /W DO-41 SR160	DS2
08-PE081M0-PW300AA	10-1N4007-EBX	DIODE 1N4007	D101
08-PE081M0-PW300AA	10-HER108-FBX	DIODE HER108	D106
08-PE081M0-PW300AA	10-M20150-S7X	SCHOTTKY DIODE 20A 0.9V 150V 105A 20MA 2	DS1
08-PE081M0-PW300AA	11-MDF65B-OCX	MOSFET N 650V 13A 30V 0.460HM 36.7W MDF1	QW1
08-PE081M0-PW300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q204
08-PE081M0-PW300AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R218
08-PE081M0-PW300AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R217
08-PE081M0-PW300AA	19-BC0473-FTX	SMD. RES 0805, 1/8W, ±1%, 47KΩ	R214
08-PE081M0-PW300AA	19-BC0473-JTX	SMD. RES 0805, 1/8W, ±5%, 47KΩ	R109
08-PE081M0-PW300AA	19-BC0474-FTX	SMD. RES 0805, 1/8W, ±1%, 470KΩ	R207
08-PE081M0-PW300AA	19-BC0681-FTX	SMD. RES 0805, 1/8W, ±1%, 680Ω	R111
08-PE081M0-PW300AA	19-BC0824-JTX	SMD. RES 0805, 1/8W, ±5%, 820KΩ	R232
08-PE081M0-PW300AA	19-CD0000-JTX	RES. SMD 0 OHM 1206	J25
08-PE081M0-PW300AA	19-CD0000-JTX	RES. SMD 0 OHM 1206	J24
08-PE081M0-PW300AA	19-CD0000-JTX	RES. SMD 0 OHM 1206	J21
08-PE081M0-PW300AA	19-CD0000-JTX	RES. SMD 0 OHM 1206	J20
08-PE081M0-PW300AA	19-CD0000-JTX	RES. SMD 0 OHM 1206	J19
08-PE081M0-PW300AA	19-CD0000-JTX	RES. SMD 0 OHM 1206	R204
08-PE081M0-PW300AA	19-CD0100-JTX	RES. MELF 10 OHM 1/4W +/-5%	R203
08-PE081M0-PW300AA	19-CD0100-JTX	RES. MELF 10 OHM 1/4W +/-5%	R205
08-PE081M0-PW300AA	19-CD0100-JTX	RES. MELF 10 OHM 1/4W +/-5%	R131
08-PE081M0-PW300AA	19-CD0100-JTX	RES. MELF 10 OHM 1/4W +/-5%	R130
08-PE081M0-PW300AA	19-CD0100-JTX	RES. MELF 10 OHM 1/4W +/-5%	R115
08-PE081M0-PW300AA	19-CD0104-JTX	RES. SMD 100KOHM 1/4W +/-5%	R102
08-PE081M0-PW300AA	19-CD0125-JTX	SMD. RES 1.2M OHM 1/4W +/-5%	RD3
08-PE081M0-PW300AA	19-CD0125-JTX	SMD. RES 1.2M OHM 1/4W +/-5%	R228
08-PE081M0-PW300AA	19-BC0103-JTX	SMD. RES 10K OHM 1/8W +/-5%	R220
08-PE081M0-PW300AA	19-BC0103-JTX	SMD. RES 10K OHM 1/8W +/-5%	R222
08-PE081M0-PW300AA	19-BC0104-JTX	SMD. RES 0805, 1/8W, ±5%, 100KΩ	R209
08-PE081M0-PW300AA	19-BC0104-JTX	SMD. RES 0805, 1/8W, ±5%, 100KΩ	R106
08-PE081M0-PW300AA	19-BC0152-FTX	SMD. RES 1.5K OHM 1/8W +/-1%	C207
08-PE081M0-PW300AA	19-BC0152-FTX	SMD. RES 1.5K OHM 1/8W +/-1%	R213
08-PE081M0-PW300AA	19-BC0183-FTX	SMD. RES 0805, 1/8W, ±1%, 18KΩ	R125
08-PE081M0-PW300AA	19-BC0202-JTX	SMD. RES 2K OHM 1/8W +/-5%	R221
08-PE081M0-PW300AA	19-BC0203-JTX	R-CHIP 20K00HM 5% 1/8W R=Y	R231
08-PE081M0-PW300AA	19-BC0222-FTX	SMD. RES 2.2K OHM 1/8W +/-1%	R128
08-PE081M0-PW300AA	19-BC0222-JTX	SMD. RES 0805, 1/8W, ±5%, 2.2KΩ	R223
08-PE081M0-PW300AA	19-BC0333-JTX	SMD. RES 0805, 1/8W, ±5%, 33KΩ	R230
08-PE081M0-PW300AA	19-BC0333-JTX	SMD. RES 0805, 1/8W, ±5%, 33KΩ	R129
08-PE081M0-PW300AA	19-BC0334-JTX	SMD. RES 0805, 1/8W, ±5%, 330KΩ	R229
08-PE081M0-PW300AA	19-BC0363-FTX	SMD. RES 36K OHM 1/8W +/-1%	R127
08-PE081M0-PW300AA	19-BC0470-JTX	SMD. RES 0805, 1/8W, ±5%, 47Ω	R108

08-PE081M0-PW300AA	19-BC0470-JTX	SMD. RES 0805, 1/8W, $\pm 5\%$, 47 Ω	R210
08-PE081M0-PW300AA	19-BC0471-JTX	SMD. RES 470 OHM 1/8W $\pm 5\%$	R219
08-PE081M0-PW300AA	19-BC0472-FTX	SMD. RES 4.7K OHM 1/8W $\pm 1\%$	R215
08-PE081M0-PW300AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W $\pm 5\%$	R212
08-PE081M0-PW300AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W $\pm 5\%$	R126
08-PE081M0-PW300AA	25-GRF560-M1X	CAP. ELE 105DEGREE C 56UF 20% 500V 0.6A 8	CE1
08-PE081M0-PW300AA	25-GRF560-M1X	CAP. ELE 105DEGREE C 56UF 20% 500V 0.6A 8	CE2
08-PE081M0-PW300AA	26-APK471-KB4A	CAP. CER 470PF 10% 400ACV 10%PPM 2.5% CD	CY2
08-PE081M0-PW300AA	26-APK471-KB4A	CAP. CER 470PF 10% 400ACV 10%PPM 2.5% CD	CY1
08-PE081M0-PW300AA	26-APK471-KB4A	CAP. CER 470PF 10% 400ACV 10%PPM 2.5% CD	CY4
08-PE081M0-PW300AA	26-APK102-ME4A	CAP. CER 1000PF 20% 400ACV $\pm 20\%$ -55%PPM 2.	CY3
08-PE081M0-PW300AA	13-TV816M-DTP	IC LTV-816-DT	PC1
08-PE081M0-PW300AA	13-TV816M-DTP	IC LTV-816-DT	PC2
08-PE081M0-PW300AA	13-TV816M-DTP	IC LTV-816-DT	PC3
08-PE081M0-PW200AA	71-PHIBAR-NUL1A	TV PRI LABEL BARCODE -- R=Y	
H3-32E53E3-SRNB0AA	08-MS82S01-MA200AA	ASS'Y - MAIN BD	
08-MS82S01-MA200AA	08-OMS8210-V800010	ASS'Y-软件组件	
08-OMS8210-V800010	V8-OMS8201-LF1V001	SOFT CN MS182 FLASH	
08-MS82S01-MA200AA	08-MS82S01-MA300AA	MS82S-AP/24V&3V3S/12V/TPA3113D2/3-HDMI	
08-MS82S01-MA300AA	28-BB0105-KBX	CAP. CER, SMD 1UF 10% 50V 0.2 0805 CL21B10	C622
08-MS82S01-MA300AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C612
08-MS82S01-MA300AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C613
08-MS82S01-MA300AA	28-BB0105-KBX	CAP. CER, SMD 1UF 10% 50V 0.2 0805 CL21B10	C103
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C118
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C574
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C552
08-MS82S01-MA300AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C614
08-MS82S01-MA300AA	28-BB0224-KBX	CAP. CER, SMD 220N0F 50V DCV 0805 -	C615
08-MS82S01-MA300AA	28-BC0106-KBX	CAP. CER, SMD 10UF 16V 0805 08053R106K160B	C109
08-MS82S01-MA300AA	28-BC0106-KBX	CAP. CER, SMD 10UF 16V 0805 08053R106K160B	C111
08-MS82S01-MA300AA	28-HB0101-JCX	CAP. CER, SMD 100P0F 50V DCV 0402 -	C124
08-MS82S01-MA300AA	28-HB0101-JCX	CAP. CER, SMD 100P0F 50V DCV 0402 -	C153
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C402
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C501
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - $\pm 10\%$ R=	C633
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C623
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C624
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C405
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C500
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C604
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C617
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C607
08-MS82S01-MA300AA	28-AC0105-KBX	SMD. CAP 16V 1UF $\pm 10\%$	C605
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C575
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C142
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C165
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C170
08-MS82S01-MA300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C208
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C502
08-MS82S01-MA300AA	28-HB0330-JCX	CAP. CER, SMD 33PF 50V DCV 0402 -	C345
08-MS82S01-MA300AA	28-HB0470-JCX	CAP. CER, SMD 47PF 50V 0402 -	C579
08-MS82S01-MA300AA	28-HB0470-JCX	CAP. CER, SMD 47PF 50V 0402 -	C580
08-MS82S01-MA300AA	28-HB0471-KBX	CAP. CER, SMD 470P0F 50V DCV 0402 -	C301
08-MS82S01-MA300AA	28-HB0471-KBX	CAP. CER, SMD 470P0F 50V DCV 0402 -	C302

08-MS82S01-MA300AA	28-HB0471-KBX	CAP. CER, SMD 470P0F 50V DCV 0402 -	C303
08-MS82S01-MA300AA	28-HB0471-KBX	CAP. CER, SMD 470P0F 50V DCV 0402 -	C300
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C144
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C143
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C135
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C131
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C130
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C125
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C101
08-MS82S01-MA300AA	28-HB0330-JCX	CAP. CER, SMD 33PF 50V DCV 0402 -	C507
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C333
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C606
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C122
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C608
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C609
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C625
08-MS82S01-MA300AA	28-HB0103-KBX	CAP. CER, SMD 10N0F 50V DCV 0402 -	C511
08-MS82S01-MA300AA	28-HB0151-JCX	CAPACITORS 0402 50V 150P $\pm 5\%$	C126
08-MS82S01-MA300AA	28-HB0220-JCX	CAP. CER, SMD 22P0F 50V DCV 0402 -	C215
08-MS82S01-MA300AA	28-HB0220-JCX	CAP. CER, SMD 22P0F 50V DCV 0402 -	C505
08-MS82S01-MA300AA	28-HB0220-JCX	CAP. CER, SMD 22P0F 50V DCV 0402 -	C214
08-MS82S01-MA300AA	28-HB0221-JCX	CAP. CER, SMD 220P0F 50V DCV 0402 -	C220
08-MS82S01-MA300AA	28-HB0330-JCX	CAP. CER, SMD 33PF 50V DCV 0402 -	C506
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - $\pm 10\%$ R=	C114
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C171
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C317
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C319
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C601
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C172
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C127
08-MS82S01-MA300AA	25-TCS221-M1X	CAP. ELE 3.5MM 220UF 16V 8*7 105 LELON	C306
08-MS82S01-MA300AA	25-TCS221-M1X	CAP. ELE 3.5MM 220UF 16V 8*7 105 LELON	C120
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C411
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C329
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C328
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C327
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C326
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C133
08-MS82S01-MA300AA	19-GA0683-JTX	SMD. RES 68K OHM 1/16W $\pm 5\%$	R344
08-MS82S01-MA300AA	19-GA0752-JTX	R-SMD 7.5KOHM $\pm 5\%$ 1/16W 0402 -	R610
08-MS82S01-MA300AA	19-GA0752-JTX	R-SMD 7.5KOHM $\pm 5\%$ 1/16W 0402 -	R606
08-MS82S01-MA300AA	19-GA0752-JTX	R-SMD 7.5KOHM $\pm 5\%$ 1/16W 0402 -	R357
08-MS82S01-MA300AA	19-GA0752-JTX	R-SMD 7.5KOHM $\pm 5\%$ 1/16W 0402 -	R352
08-MS82S01-MA300AA	23-D08220-JBX	NETWORK RES. 22 OHM 1/16W $\pm 5\%$	RP500
08-MS82S01-MA300AA	25-BAS471-M1X9	CAP. ELE 3.5MM 470UF 6.3V 8*9 85 LELON	C140
08-MS82S01-MA300AA	25-BAS471-M1X9	CAP. ELE 3.5MM 470UF 6.3V 8*9 85 LELON	C233
08-MS82S01-MA300AA	25-BCB471-M1X9	CAP. ELE 5.00MM 470UF 16V 10*9 85 LELON	C119
08-MS82S01-MA300AA	25-BEB221-M1L	CAP. ELE 5.0MM 220UF 35V 10 85 REA221M1VS	C102
08-MS82S01-MA300AA	25-BEB221-M1L	CAP. ELE 5.0MM 220UF 35V 10 85 REA221M1VS	C611
08-MS82S01-MA300AA	25-BEB221-M1L	CAP. ELE 5.0MM 220UF 35V 10 85 REA221M1VS	C618
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C159
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - $\pm 10\%$ R=	C106
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - $\pm 10\%$ R=	C110
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - $\pm 10\%$ R=	C112

08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C629
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C627
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C616
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C610
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C504
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C315
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C163
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C161
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C141
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C117
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C116
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C105
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C147
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C132
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C581
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C107
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C568
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C563
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C557
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C546
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C537
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C520
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C508
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C631
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C113
08-MS82S01-MA300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C100
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C532
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C582
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L507
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L502
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L503
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L504
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L506
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L510
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L508
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C400
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C533
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C146
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C330
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C325
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C322
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C115
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C332
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C331
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C510
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C404
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C403
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C401
08-MS82S01-MA300AA	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	L509
08-MS82S01-MA300AA	46-40337W-02XG	CONN TJC3 2PIN 2.5MM MALE ST XHK-2AW-DK	P602
08-MS82S01-MA300AA	46-40338W-12XG	CONN PHD 12 2.0MM FEMALE R	P100
08-MS82S01-MA300AA	46-40338W-40XG	CONN PHD 40 2.0MM FEMALE R	P500
08-MS82S01-MA300AA	47-EAR032-XX0	AV SOCKET R NO MSJ-1637-Y-AG-PBT(B22	P304
08-MS82S01-MA300AA	47-HDI011-KS0	SOCKET HDMI ST N A111989-F-15-R	P402

08-MS82S01-MA300AA	47-HDI011-KS0	SOCKET HDMI ST N A111989-F-15-R	P403
08-MS82S01-MA300AA	47-HDI011-KS0	SOCKET HDMI ST N A111989-F-15-R	P401
08-MS82S01-MA300AA	47-RCA301-XBOG	SOCKET-RCA N BK 1PIN R N AV-3.2-1W89	P305
08-MS82S01-MA300AA	47-RCA302-XROG	SOCKET-RCA N RD-WH 2PIN R N AV-3.2-2W72	P301
08-MS82S01-MA300AA	47-RCA303-XGOG	SOCKET-RCA N RD-BU-GN 3PIN R N AV-3.2-3W	P302
08-MS82S01-MA300AA	47-RCA303-XYOG	SOCKET-RCA N RD-WH-YE 3PIN R N AV-3.2-3W	P300
08-MS82S01-MA300AA	47-USB002-XX0	USB SOCKET USB-1W-B	P303
08-MS82S01-MA300AA	47-VGA021-XX0	SOCKET VGA R NO LK-VGA021500-0003	P400
08-MS82S01-MA300AA	46-40337W-02X01G	CONN R XH-2AW-DK-1 (RED)	P601
08-MS82S01-MA300AA	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	L500
08-MS82S01-MA300AA	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	L501
08-MS82S01-MA300AA	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	L505
08-MS82S01-MA300AA	33-MLL150-MTA	IND-SMD 15UH 20% 2.8A	L100
08-MS82S01-MA300AA	33-NLL479-MTX	IND-SMD 0.0230HM 40 3.8A TAPE VLC6045-4R	L106
08-MS82S01-MA300AA	33-WLL100-MTX	IND-SMD 0.01870HM / 5.4A / SLF12575T-100	L104
08-MS82S01-MA300AA	35-392170-00X	FERR. COIL BF-I35050C-683	L107
08-MS82S01-MA300AA	45-OSC24M-0Y2	CRYSTAL 24MHZ	X24M
08-MS82S01-MA300AA	46-40336W-04XG	CONN PH 4 2.0MM FEMALE R	P102
08-MS82S01-MA300AA	46-40336W-07XG	CONN PH 7 2.0MM FEMALE R	P101
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C154
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C565
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C564
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C562
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C561
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C560
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C559
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C558
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C522
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C556
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C521
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C512
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C509
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C503
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C417
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C566
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C529
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C528
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C527
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C526
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C524
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C523
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C578
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C576
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C573
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C572
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C571
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C570
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C569
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C567
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C416
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C222
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C206
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C203
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C202

08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C201
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C168
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C166
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C164
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C543
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C542
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C541
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C540
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C539
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C538
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C223
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C413
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C412
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C344
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C555
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C554
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C553
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C551
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C550
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C549
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C548
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C547
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C545
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C307
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C544
08-MS82S01-MA300AA	19-GA0100-JTX	SMD. RES 10 OHM 1/16W +/-5%	R123
08-MS82S01-MA300AA	19-GA0101-FTX	SMD. RES 100 OHM 1/16W +/-1%	R524
08-MS82S01-MA300AA	19-GA0101-FTX	SMD. RES 100 OHM 1/16W +/-1%	R523
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R454
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R120
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R130
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R162
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R163
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R201
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R215
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R216
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R452
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R453
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R455
08-MS82S01-MA300AA	19-GA0100-JTX	SMD. RES 10 OHM 1/16W +/-5%	R192
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R324
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R306
08-MS82S01-MA300AA	19-AB0821-FTX	SMD. RES 820 OHM 1/10W +/-1% 0603	R107
08-MS82S01-MA300AA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	R194
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R155
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R447
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R472
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R500
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R530
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R636
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	C210
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	C216
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R152
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W +/-5%	R444

08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R503
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R116
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R617
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R347
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R118
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R173
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R355
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R179
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R113
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R643
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R638
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R637
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R622
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R504
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R521
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R641
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R621
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R618
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R555
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R547
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R546
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R545
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R522
08-MS82S01-MA300AA	19-GA0102-FTX	SMD. RES 1K OHM 1/16W +/-1%	R534
08-MS82S01-MA300AA	19-GA0102-FTX	SMD. RES 1K OHM 1/16W +/-1%	R533
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R607
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R602
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R328
08-MS82S01-MA300AA	12-BT3906-OBX	TR-SMD PNP 40V 200MIO A 250MHZ 225MIO W S	Q604
08-MS82S01-MA300AA	12-MV65XP-OBX	MOSFET-SMD P 20V 3.9A 1.92W SOT23 PMV65X	Q106
08-MS82S01-MA300AA	13-AS1117-18B	ICSOT-223 AS1117-18CX	U106
08-MS82S01-MA300AA	13-AS1117-25B	IC SOT-223 AS1117-25 CX	U103
08-MS82S01-MA300AA	13-AS1117-33B	IC 3.3V SOT-223 AS1117-33 CX	U105
08-MS82S01-MA300AA	13-EN25Q3-2AB	IC MS48 FLASH tube SOP8 EN25Q32A-100HIP	U502 (CPP)
08-MS82S01-MA300AA	13-K4T511-F7B	IC DDR K4T51163QI-HCF7	U501
08-MS82S01-MA300AA	13-M24C64-W6B	IC-EEPROM M24C64-WMN6T R=Y	U503 (CPP)
08-MS82S01-MA300AA	13-MP1482-DSB	IC DC RECTIFIED STEP-DOWN CONVERTER	U101
08-MS82S01-MA300AA	13-MP2127-DQB	IC RT26 DC-DC QFN6-3X3 QFN6-3X3 MP2127	U104
08-MS82S01-MA300AA	13-RT8110-BOB	IC MS58 DC/DC convert IC SMT tape TSOT R	U100
08-MS82S01-MA300AA	19-AB0000-FTX	SMD. RES 0 OHM 1/10W +/-1% 0603	R187
08-MS82S01-MA300AA	12-BT3906-OBX	TR-SMD PNP 40V 200MIO A 250MHZ 225MIO W S	Q603
08-MS82S01-MA300AA	09-OBV99-ATX	D, SMD 70.0V 200MIO A 855MIOV 4N 0.25W SO	D500
08-MS82S01-MA300AA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D602
08-MS82S01-MA300AA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D102
08-MS82S01-MA300AA	12-04822A-OBX	MOSFET-SMD N 30V 8A 1.8V 0.018OHM 2W A04	Q100
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q302
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q301
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q107
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q101
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q602
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q303
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q601
08-MS82S01-MA300AA	12-BT3904-OBX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q605
08-MS82S01-MA300AA	12-BT3906-OBX	TR-SMD PNP 40V 200MIO A 250MHZ 225MIO W S	Q500

08-MS82S01-MA300AA	12-BT3906-OBX	TR-SMD PNP 40V 200MIO A 250MHZ 225MIO W S	Q300
08-MS82S01-MA300AA	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	L201
08-MS82S01-MA300AA	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R109
08-MS82S01-MA300AA	19-AB0223-FTX	SMD. RES 22K OHM 1/10W +/-1%	R128
08-MS82S01-MA300AA	19-AB0270-JTX	R-SMD 27R00HM 5% 1/10W 0603 -	R108
08-MS82S01-MA300AA	19-AB0332-FTX	SMD. RES 3.3K OHM 1/10W +/-1% 0603	R127
08-MS82S01-MA300AA	19-AB0333-FTX	SMD. RES 33K OHM 1/10W +/-1% 0603	R126
08-MS82S01-MA300AA	19-AB0471-JTX	SMD. RES 470 OHM 1/10W +/-5%	R346
08-MS82S01-MA300AA	19-AB0471-JTX	SMD. RES 470 OHM 1/10W +/-5%	R601
08-MS82S01-MA300AA	19-AB0513-FTX	SMD. RES 51K OHM 1/10W +/-1%	R111
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R402
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R401
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R400
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R340
08-MS82S01-MA300AA	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R333
08-MS82S01-MA300AA	19-AB0123-FTX	SMD. RES 12K OHM 1/10W +/-1% 0603	R106
08-MS82S01-MA300AA	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	L203
08-MS82S01-MA300AA	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	L210
08-MS82S01-MA300AA	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	L211
08-MS82S01-MA300AA	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R121
08-MS82S01-MA300AA	19-AB0100-JTX	RES SMD 10 OHM 1/10W +/-5%	R101
08-MS82S01-MA300AA	19-AB0100-JTX	RES SMD 10 OHM 1/10W +/-5%	R104
08-MS82S01-MA300AA	19-AB0100-JTX	RES SMD 10 OHM 1/10W +/-5%	R620
08-MS82S01-MA300AA	19-AB0100-JTX	RES SMD 10 OHM 1/10W +/-5%	R351
08-MS82S01-MA300AA	19-AB0104-JTX	SMD. RES 100K OHM 1/10W 0603	R110
08-MS82S01-MA300AA	19-AB0105-JTX	RES SMD 1M OHM 1/10W 0603	R501
08-MS82S01-MA300AA	19-AB0105-JTX	RES SMD 1M OHM 1/10W 0603	R541
08-MS82S01-MA300AA	19-AB0109-JTX	RES SMD 1 OHM 1/10W +/-5%	R203
08-MS82S01-MA300AA	19-AB0109-JTX	RES SMD 1 OHM 1/10W +/-5%	R202
08-MS82S01-MA300AA	19-AB0113-FTX	SMD. RES 1/10W 11KOHM +/-1%	R112
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R616
08-MS82S01-MA300AA	19-GA0332-JTX	SMD. RES 3.3K OHM 1/16W +/-5%	R180
08-MS82S01-MA300AA	19-GA0332-JTX	SMD. RES 3.3K OHM 1/16W +/-5%	R342
08-MS82S01-MA300AA	19-GA0333-JTX	SMD. RES 33K OHM 1/16W +/-5%	R345
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R114
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R519
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R153
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R154
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R647
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R640
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R639
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R551
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R550
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R549
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R548
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R305
08-MS82S01-MA300AA	19-GA0229-JTX	SMD. RES 1/16W 2.2 OHM ±5%	R339
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R410
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	C221
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R435
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R434
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R433
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R419
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	C213

08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R311
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R310
08-MS82S01-MA300AA	19-GA0330-JTX	SMD. RES 33 OHM 1/16W +/-5%	R309
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R544
08-MS82S01-MA300AA	19-GA0473-JTX	SMD. RES 47K OHM 1/16W +/-5%	R449
08-MS82S01-MA300AA	19-GA0473-JTX	SMD. RES 47K OHM 1/16W +/-5%	R642
08-MS82S01-MA300AA	19-GA0510-JTX	R-SMD 510HM +/-5% 1/16W 0402 -	C219
08-MS82S01-MA300AA	19-GA0510-JTX	R-SMD 510HM +/-5% 1/16W 0402 -	C218
08-MS82S01-MA300AA	19-GA0511-JTX	SMD. RES 0402 1/16W 510 OHM +/-5%	R411
08-MS82S01-MA300AA	19-GA0680-JTX	SMD. RES 68 OHM 1/16W +/-5%	R531
08-MS82S01-MA300AA	19-GA0680-JTX	SMD. RES 68 OHM 1/16W +/-5%	R532
08-MS82S01-MA300AA	19-GA0680-JTX	SMD. RES 68 OHM 1/16W +/-5%	R553
08-MS82S01-MA300AA	19-GA0680-JTX	SMD. RES 68 OHM 1/16W +/-5%	R409
08-MS82S01-MA300AA	19-GA0680-JTX	SMD. RES 68 OHM 1/16W +/-5%	R405
08-MS82S01-MA300AA	19-GA0682-JTX	SMD. RES 6800 OHM 1/16W +/-5%	R361
08-MS82S01-MA300AA	19-GA0682-JTX	SMD. RES 6800 OHM 1/16W +/-5%	R605
08-MS82S01-MA300AA	19-GA0682-JTX	SMD. RES 6800 OHM 1/16W +/-5%	R609
08-MS82S01-MA300AA	19-GA0682-JTX	SMD. RES 6800 OHM 1/16W +/-5%	R360
08-MS82S01-MA300AA	19-GA0473-JTX	SMD. RES 47K OHM 1/16W +/-5%	R448
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R543
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R542
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R518
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R507
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R502
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R460
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R458
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R456
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R214
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R213
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R189
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R183
08-MS82S01-MA300AA	19-GA0229-JTX	SMD. RES 1/16W 2.2 OHM ±5%	R338
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R418
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R417
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R404
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R403
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R363
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R362
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R304
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R303
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R302
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R301
08-MS82S01-MA300AA	19-GA0104-JTX	SMD. RES 100K OHM 1/16W +/-5%	R552
08-MS82S01-MA300AA	19-GA0104-JTX	SMD. RES 100K OHM 1/16W +/-5%	R164
08-MS82S01-MA300AA	19-GA0104-JTX	SMD. RES 100K OHM 1/16W +/-5%	R619
08-MS82S01-MA300AA	19-GA0104-JTX	SMD. RES 100K OHM 1/16W +/-5%	R406
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R431
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R554
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R537
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R506
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R461
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R459
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R457
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R445

08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R442
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R440
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R437
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R436
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R432
08-MS82S01-MA300AA	19-GA0104-JTX	SMD. RES 100K OHM 1/16W +/-5%	R407
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R413
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R451
08-MS82S01-MA300AA	19-GA0221-JTX	SMD. RES 220 OHM 1/16W +/-5%	R364
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R446
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R186
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R348
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R646
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R644
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R611
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R603
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R443
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R441
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R412
08-MS82S01-MA300AA	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R356
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R414
08-MS82S01-MA300AA	19-GA0121-JTX	SMD. RES 120 OHM 1/16W +/-5%	R365
08-MS82S01-MA300AA	19-GA0123-JTX	SMD. RES 12K OHM 1/16W +/-5%	R307
08-MS82S01-MA300AA	19-GA0123-JTX	SMD. RES 12K OHM 1/16W +/-5%	R318
08-MS82S01-MA300AA	19-GA0123-JTX	SMD. RES 12K OHM 1/16W +/-5%	R322
08-MS82S01-MA300AA	19-GA0123-JTX	SMD. RES 12K OHM 1/16W +/-5%	R308
08-MS82S01-MA300AA	19-GA0151-JTX	R-SMD 150R00HM 5% 1/16W 0402 -	R343
08-MS82S01-MA300AA	19-GA0153-JTX	R-SMD 15K00HM 5% 1/16W 0402 -	R645
08-MS82S01-MA300AA	19-GA0181-JTX	SMD. RES 180 OHM 1/16W +/-5%	R341
08-MS82S01-MA300AA	19-GA0182-JTX	SMD. RES 1800 OHM 1/16W +/-5%	R185
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R450
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R439
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R438
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R422
08-MS82S01-MA300AA	19-GA0220-JTX	SMD. RES 22 OHM 1/16W +/-5%	R421
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R649
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R660
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R653
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R654
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R656
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W +/-5%	R657
08-MS82S01-MA300AA	19-GA0332-JTX	SMD. RES 3.3K OHM 1/16W +/-5%	R658
08-MS82S01-MA300AA	19-GA0332-JTX	SMD. RES 3.3K OHM 1/16W +/-5%	R659
08-MS82S01-MA300AA	19-GA0333-JTX	SMD. RES 33K OHM 1/16W +/-5%	R650
08-MS82S01-MA300AA	19-GA0333-JTX	SMD. RES 33K OHM 1/16W +/-5%	R651
08-MS82S01-MA300AA	19-GA0333-JTX	SMD. RES 33K OHM 1/16W +/-5%	R652
08-MS82S01-MA300AA	19-GA0333-JTX	SMD. RES 33K OHM 1/16W +/-5%	R655
08-MS82S01-MA300AA	25-TCB101-M1X	CAP. ELE 5.0MM 100UF 16V 6.3*7 105 LELON	C643
08-MS82S01-MA300AA	28-AA0105-KBX	CAP. CER, SMD 1UF 10V 0603 -- +/-10% R=Y	C641
08-MS82S01-MA300AA	28-AA0105-KBX	CAP. CER, SMD 1UF 10V 0603 -- +/-10% R=Y	C644
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C634
08-MS82S01-MA300AA	28-AA0225-KBX	CAP. CER, SMD 2U2F 10V DCV 0603 -	C635
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C649
08-MS82S01-MA300AA	28-HB0102-KBX	CAP. CER, SMD 1N0F 50V DCV 0402 -	C645

08-MS82S01-MA300AA	28-HB0151-JCX	CAPACITORS 0402 50V 150P $\pm 5\%$	C640
08-MS82S01-MA300AA	28-HB0151-JCX	CAPACITORS 0402 50V 150P $\pm 5\%$	C646
08-MS82S01-MA300AA	28-HB0152-KBX	0402 CHIP CAPACITORS 50VDC 1500PF $\pm 10\%$	C636
08-MS82S01-MA300AA	28-HB0152-KBX	0402 CHIP CAPACITORS 50VDC 1500PF $\pm 10\%$	C639
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C642
08-MS82S01-MA300AA	47-EAR030-XX0	AV SOCKET R NO MSJ-1637-AG-PBT(B225)	P603
08-MS82S01-MA300AA	28-HC0473-KBX	CAP. CER, SMD 47NF 16V 0402 -	C515
08-MS82S01-MA300AA	28-HC0223-KBX	CAP. CER, SMD 22N0F 16V DCV 0402 -	C516
08-MS82S01-MA300AA	19-GA0000-JTX	SMD. RES 0 OHM 1/16W $\pm 5\%$	R612
08-MS82S01-MA300AA	28-HB0470-JCX	CAP. CER, SMD 47PF 50V 0402 -	C647
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W $\pm 5\%$	R648
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W $\pm 5\%$	R662
08-MS82S01-MA300AA	13-DRV632-00B	IC 2-VRMS AUDIO LINE DRIVER DRV632	U602
08-MS82S01-MA300AA	19-GA0153-JTX	R-SMD 15K00HM 5% 1/16W 0402 -	R628
08-MS82S01-MA300AA	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R627
08-MS82S01-MA300AA	33-NLL220-MTX	IND-SMD 0.10HM 40 1.7A SMD VLC6045T	L611
08-MS82S01-MA300AA	33-NLL220-MTX	IND-SMD 0.10HM 40 1.7A SMD VLC6045T	L609
08-MS82S01-MA300AA	33-NLL220-MTX	IND-SMD 0.10HM 40 1.7A SMD VLC6045T	L607
08-MS82S01-MA300AA	33-NLL220-MTX	IND-SMD 0.10HM 40 1.7A SMD VLC6045T	L605
08-MS82S01-MA300AA	13-TPA311-D2B	IC MT23H AUDIO POWER AMPLIFIER BULK 28 P	U601
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W $\pm 5\%$	R149
08-MS82S01-MA300AA	28-HB0470-JCX	CAP. CER, SMD 47PF 50V 0402 -	C648
08-MS82S01-MA300AA	25-TFB220-M1X	CAP. ELE 5MM 22UF 50V 6.3 * 7 105 CD70H	C637
08-MS82S01-MA300AA	13-MN6E18-2VB	IC LCD TV MS82S CHASSIS SOC/MST6E182VS M	U500
08-MS82S01-MA300AA	13-T6633E-00B	IC 3 TO 1 HDMI SWITCH IT6633E-P	U400
08-MS82S01-MA300AA	07-380FI5-NK4G	TUNER A PAL 45MHZ-870MHZHZ IEC SIDE TAF1	TU1
08-MS82S01-MA300AA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D603
08-MS82S01-MA300AA	12-BT3904-0BX	TR-SMD NPN 40VV 200MA A 300HZ 0.25W SOT2	Q606
08-MS82S01-MA300AA	19-BC0100-JTX	SMD. RES 10 OHM 1/8W $\pm 5\%$	R623
08-MS82S01-MA300AA	19-BC0100-JTX	SMD. RES 10 OHM 1/8W $\pm 5\%$	R624
08-MS82S01-MA300AA	19-BC0100-JTX	SMD. RES 10 OHM 1/8W $\pm 5\%$	R625
08-MS82S01-MA300AA	19-BC0100-JTX	SMD. RES 10 OHM 1/8W $\pm 5\%$	R626
08-MS82S01-MA300AA	28-HB0331-KBX	SMD. CAP 330 PF 50V $\pm 10\%$ 0402	C626
08-MS82S01-MA300AA	28-HB0331-KBX	SMD. CAP 330 PF 50V $\pm 10\%$ 0402	C628
08-MS82S01-MA300AA	28-HB0331-KBX	SMD. CAP 330 PF 50V $\pm 10\%$ 0402	C630
08-MS82S01-MA300AA	28-HB0331-KBX	SMD. CAP 330 PF 50V $\pm 10\%$ 0402	C632
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W $\pm 5\%$	R665
08-MS82S01-MA300AA	19-GA0682-JTX	SMD. RES 6800 OHM 1/16W $\pm 5\%$	R608
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W $\pm 5\%$	R312
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W $\pm 5\%$	R300
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W $\pm 5\%$	R664
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W $\pm 5\%$	R663
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W $\pm 5\%$	R666
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W $\pm 5\%$	R667
08-MS82S01-MA300AA	19-GA0102-JTX	SMD. RES 1K OHM 1/16W $\pm 5\%$	R615
08-MS82S01-MA300AA	19-GA0682-JTX	SMD. RES 6800 OHM 1/16W $\pm 5\%$	R604
08-MS82S01-MA300AA	33-KLN121-NTX	CHIP BEAD 120 OHM $\pm 25\%$	L401
08-MS82S01-MA300AA	25-TCS221-M1X	CAP. ELE 3.5MM 220UF 16V 8*7 105 LELON	C108
08-MS82S01-MA300AA	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W $\pm 5\%$	R166
08-MS82S01-MA300AA	19-GA0221-JTX	SMD. RES 220 OHM 1/16W $\pm 5\%$	R178
08-MS82S01-MA300AA	19-GA0103-JTX	SMD. RES 10K OHM 1/16W $\pm 5\%$	R165
08-MS82S01-MA300AA	28-HC0104-KBX	CAP. CER, SMD 100NF 16V 0402 -	C157
08-MS82S01-MA300AA	33-KLL108-MTA	IND-SMD 0.1UH 10% 0.05A 15 1608(0603) 0.	L209
08-MS82S01-MA300AA	13-DRK4T5-JBB	IC DDR2 SDRAM K4T51163QJ-BCF7	U501

08-MS82S01-MA300AA	13-EN25Q3-2BBE0	IC 32M BIT SERIAL FLASH EN25Q32B	U502 (CPP)
08-MS82S01-MA300AA	40-MS82S0-MAD2XG	PCB MA 161.5X246.5MM 2PC DOUBLESIDED 1.6	
08-MS82S01-MA300AA	33-KLN330-NJX	FB-SMD -OHM -% -A -OHM 1608 (0603) -	L109
08-MS82S01-MA300AA	33-KLN330-NJX	FB-SMD -OHM -% -A -OHM 1608 (0603) -	L108
08-MS82S01-MA300AA	33-KLN330-NJX	FB-SMD -OHM -% -A -OHM 1608 (0603) -	L112
08-MS82S01-MA300AA	33-KLN330-NJX	FB-SMD -OHM -% -A -OHM 1608 (0603) -	L114
08-MS82S01-MA300AA	46-40336W-06XG	CONN PH 6 2.0MM FEMALE R	P502
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R512
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R511
08-MS82S01-MA300AA	19-GA0101-JTX	SMD. RES 100 OHM 1/16W +/-5%	R510
08-MS82S01-MA300AA	13-W9751G-6JB	IC DDR2 SDRAM W9751G6JB-25	U501
08-MS82S01-MA200AA	71-LC0913-001	LABEL	
08-MS82S01-MA200AA	71-PHIBAR-NUL01	PRI LABEL BARCODE -- R=Y	
H3-32E53E3-SRNB0AA	08-42E5300-KE300AA	ASS'Y - KEY BD	
08-42E5300-KE300AA	48-TAC001-DX0	TACT SWITCH KQS-902	K4
08-42E5300-KE300AA	48-TAC001-DX0	TACT SWITCH KQS-902	K5
08-42E5300-KE300AA	48-TAC001-DX0	TACT SWITCH KQS-902	K2
08-42E5300-KE300AA	48-TAC001-DX0	TACT SWITCH KQS-902	K3
08-42E5300-KE300AA	48-TAC001-DX0	TACT SWITCH KQS-902	K1
08-42E5300-KE300AA	48-TAC001-DX0	TACT SWITCH KQS-902	K6
08-42E5300-KE300AA	46-GHSS02-04SG	CONN SMT 4 1.25MM FEMALE WHITE R	P1
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R2
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R1
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R7
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R3
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R4
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R6
08-42E5300-KE300AA	19-AB0471-FTX	RES SMD 470 OHM 1/10W +/-1% 0603	R5
08-42E5300-KE300AA	46-GHSS02-02SG	CONN SMT 2 1.25MM FEMALE WH R	P2
08-42E5300-KE300AA	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R9
08-42E5300-KE300AA	19-AB0221-JTX	RES SMD 220 OHM 1/10W 0603	R8
08-42E5300-KE300AA	12-BT3906-0BX	TR-SMD PNP 40V 200MIO A 250MHZ 225MIO S	Q1
08-42E5300-KE300AA	46-GHSS02-02SG	CONN SMT 2 1.25MM FEMALE WH R	P3
08-42E5300-KE300AA	40-E5300A-KEC2XG	PCB UL 141.5 X 121.5 MM 11PC DOUBLESIDED	
H3-32E53E3-SRNB0AA	08-42E5300-IR300AA	ASS'Y - INFRARED RECEIVE BD	
08-42E5300-IR300AA	28-BA0106-KBX	CAP. CER, SMD 10U0F 10V DCV 0805 -	C3
08-42E5300-IR300AA	46-GHSS02-07SG	CONN SMT 7 1.25MM FEMALE WH R	P1
08-42E5300-IR300AA	19-AB0220-JTX	SMD RES 22 OHM 1/10W 0603	R1
08-42E5300-IR300AA	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R3
08-42E5300-IR300AA	28-AB0104-KBX	CAP. CER, SMD 100NF 50.0V 0603 - +/-10% R=	C2
08-42E5300-IR300AA	02-IRR012-XX2	IR RECEIVER 38KHZ 2.7V HS0038S4	G1
08-42E5300-IR300AA	40-E5300A-IRC2XG	PCB UL 134.5X135MM 40PC DOUBLESIDED 1.6M	
H3-32E53E3-SRNB0AA	08-32E5300-LPC001A	LVW320CSTM E3 V1	
08-32E5300-LPC001A	08-32E5301-RC200AA	ASSY - REAR CABINET	
08-32E5301-RC200AA	55-933480-1HL6R	DEC BACKCOVER 32E5300 -- 00 00 00 R=N	
08-32E5300-LPC001A	08-32E5301-SW300AA	开关板组件	
08-32E5301-SW300AA	40-E5300A-SWA2XG	PCB UL 124.8X127MM 32PC DOUBLESIDED 1.6M	
08-32E5301-SW300AA	46-GHSR01-02SG	CONN SMT 2 1.25MM FEMALE WH ST	P1
08-32E5300-LPC001A	08-32E5308-FC200AA	ASS'Y - FRONT CABINET	
08-32E5308-FC200AA	63-B2004T-BF4G	SCREW-ST 2MM 4MM ISO R=Y	
08-32E5308-FC200AA	57-463420-00001	DEC DECOR BAR -- 00 00 00 R=Y	
08-32E5308-FC200AA	48-MTD010-XX0	SWITCH DOME FOR KEYS 939010	
08-32E5308-FC200AA	55-933470-6UK01	DEC FRONTPANEL 32E5300 -- 00 00 00 R=N	
08-32E5308-FC200AA	67-L71621-4N002	DEC LOGO TCL 8.9MM 04 00 00 R=Y	

08-32E5308-FC200AA	54-935410-300	SPONGE STRIPE -- R=Y	
08-32E5308-FC200AA	54-935420-300	SPONGE STRIPE -- R=Y	
08-32E5308-FC200AA	89-0AS003-PF006	SUNDRIES-TAPE ADHESIVE 6MM*0.05MM*100MM	
08-32E5308-FC200AA	59-960650-000	RAW BUFFER 32E5300 0 0 R=Y	
08-32E5308-FC200AA	59-935450-000	RAW BUFFER 32E5300 0 0 R=Y	
08-32E5300-LPC001A	08-CS32TML-LC202AA	LVW320CSTM E3 --32E5300二选 配华星 ST3151A04-1	
08-CS32TML-LC202AA	08-32E5302-MC200AA	ASS'Y - MIDDLE CABINET	
08-32E5302-MC200AA	62-933530-2UF	RAW SUPPORT PLASTICS-DOWN -- 00 00 00 R=	
08-32E5302-MC200AA	62-933510-1UF	RAW SUPPORT PLASTIC-R -- 00 00 00 R=N	
08-32E5302-MC200AA	62-933500-1UF	RAW SUPPORT PLASTIC-L -- 00 00 00 R=N	
08-32E5302-MC200AA	59-935450-000	RAW BUFFER 32E5300 0 0 R=Y	
08-32E5302-MC200AA	59-935440-000	RAW BUFFER 32E5300 0 0 R=Y	
08-32E5302-MC200AA	59-935430-000	RAW BUFFER 32E5300 0 0 R=Y	
08-32E5302-MC200AA	54-939050-000	SPONGE STRIPE BK 710MM 5MM 0.5MM R=Y	
08-32E5302-MC200AA	62-933520-1UF	RAW SUPPORT PLASTIC-UP -- 00 00 00 R=N	
08-CS32TML-LC202AA	4A-LCD320-CS1	32INCH 60HZ HD ST3151A04-1 OPENCELL	
08-CS32TML-LC202AA	71-BAR011-OA9	TV PRI LABEL -- WHITE & BLACK R=Y	
08-CS32TML-LC202AA	08-32LDBTM-BL4CSAA	E5300 32寸华星A04屏背光组件	
08-32LDBTM-BL4CSAA	67-H93402-OA0	RAW HEATSINK 32E5300 00 00 R=Y	
08-32LDBTM-BL4CSAA	64-B30060-104G	M/C SCREW B 3 X 6	
08-32LDBTM-BL4CSAA	63-V3008T-BF5G	SCREW-ST 3MM 12MM ISO 19 R=Y	
08-32LDBTM-BL4CSAA	63-A3012T-BF5G	SCREW-ST 3MM 8MM ISO R=Y	
08-32LDBTM-BL4CSAA	54-936190-000	RAW ADHESIVE TAPE 3M8805 R=Y	
08-32LDBTM-BL4CSAA	4C-RF320T-SH4	FILM REFLECTOR 32INCH 0.33MM 404.2MM 705	
08-32LDBTM-BL4CSAA	4C-PF320T-SH1	FILM PRISM 0.28MM 402.3MM 702.76MM	
08-32LDBTM-BL4CSAA	4C-MF320T-KW1	FILM MOF 0.230MM 702MM 402MM	
08-32LDBTM-BL4CSAA	4C-LP320P-DT1	LGP PRINT 3MM X 404.2MM 705.7MM	
08-32LDBTM-BL4CSAA	4C-LB3236-UN2	LIGHTBAR SIDE IN 32INCH 13.8W 36LEDS R=Y	
08-32LDBTM-BL4CSAA	4C-KF320T-TX2	FILM DIFFUSER 32INCH 0.215MM 702.76MM 40	
08-32LDBTM-BL4CSAA	46-DF120L-10X01G	WIRE CABLE 1200+500MM 6PIN A2004 A1002	
08-32LDBTM-BL4CSAA	08-RT321C0-DR200AA	DRT3210	
08-RT321C0-DR200AA	25-GJF220-M1X	CAP.ELE 5MM 22UF 160V 10*20 105 B43044S1	C603
08-RT321C0-DR200AA	19-CD0271-JTX	SMD. RES 270 OHM 1/4W +/-5% 1206	R623
08-RT321C0-DR200AA	19-CD0271-JTX	SMD. RES 270 OHM 1/4W +/-5% 1206	R609
08-RT321C0-DR200AA	19-CD0271-JTX	SMD. RES 270 OHM 1/4W +/-5% 1206	R622
08-RT321C0-DR200AA	19-CD0228-JTX	R-SMD 0.220HM 5% 1/4W 1206 WW12XR220JTL	R608
08-RT321C0-DR200AA	19-CD0228-JTX	R-SMD 0.220HM 5% 1/4W 1206 WW12XR220JTL	R607
08-RT321C0-DR200AA	19-BC0474-FTX	SMD. RES 0805, 1/8W, ±1%, 470KΩ	R628
08-RT321C0-DR200AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R612
08-RT321C0-DR200AA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R611
08-RT321C0-DR200AA	46-40336W-14XG	CONN PH 14 2.0MM FEMALE R	P601
08-RT321C0-DR200AA	46-40336W-10XG	CONN PH 10 2.0MM FEMALE R	P602
08-RT321C0-DR200AA	33-WLL330-MTX	SMD. COIL SLF12575T-330M3R2-PF	L601
08-RT321C0-DR200AA	33-WLL330-MTX	SMD. COIL SLF12575T-330M3R2-PF	L602
08-RT321C0-DR200AA	28-BC0105-KBX	CAP. CER, SMD 1UF 16V 0805 -	C611
08-RT321C0-DR200AA	28-BB0473-KBX	CAP. CER, SMD 47NOF 50.0V 0805 -	C606
08-RT321C0-DR200AA	28-BB0331-JCX	SMD. CAP 330 PF 50V C 0805	C610
08-RT321C0-DR200AA	28-BB0224-KBX	CAP. CER, SMD 220NOF 50V DCV 0805 -	C612
08-RT321C0-DR200AA	28-BB0102-KBX	CAP. CER, SMD 1NF 50.0V 0805 - +/-10% R=Y	C613
08-RT321C0-DR200AA	26-AIC102-KBX	CAP. CER 1NOF 500VV -	C605
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R644
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R645
08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R647

08-RT321C0-DR200AA	19-BC0109-JTX	SMD. RES 1 OHM 1/8W +/-5%	R646
08-RT321C0-DR200AA	09-S4200H-STX	D-BR, SMD 200V 4A 0.82V 100A 1UA 25NSEC 2	D601
08-RT321C0-DR200AA	09-38C5V6-DTX	D-ZENER, SMD 5.6VV /A 0.3W BZX384-C5V6	D607
08-RT321C0-DR200AA	09-38C5V6-DTX	D-ZENER, SMD 5.6VV /A 0.3W BZX384-C5V6	D606
08-RT321C0-DR200AA	09-0BAV70-ATX	D, SMD 75VV 125MA A 715MVV 4N 0.25W SOT23	D602
08-RT321C0-DR200AA	09-0BAS21-ATX	DIO SIG SM BAS21	D603
08-RT321C0-DR200AA	19-BC0471-JTX	SMD. RES 470 OHM 1/8W +/-5%	R604
08-RT321C0-DR200AA	19-BC0334-FTX	SMD. RES 330K OHM 1/8W +/-1%	R630
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R651
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R654
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R652
08-RT321C0-DR200AA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	R653
08-RT321C0-DR200AA	19-BC0223-JTX	SMD. RES 0805, 1/8W, ±5%, 22KΩ	R603
08-RT321C0-DR200AA	19-BC0220-JTX	SMD. RES 0805, 1/8W, ±5%, 22Ω	R636
08-RT321C0-DR200AA	19-BC0124-FTX	SMD. RES 0805, 1/8W, ±1%, 120KΩ	R629
08-RT321C0-DR200AA	19-BC0750-JTX	SMD. RES 75 OHM 1/8W +/-5%	R601
08-RT321C0-DR200AA	19-BC0470-JTX	SMD. RES 0805, 1/8W, ±5%, 47Ω	R602
08-RT321C0-DR200AA	19-BC0000-JTX	SMD. RES 0 OHM 1/8W +/-5%	R660
08-RT321C0-DR200AA	25-NEF331-M1X	CAP. ELE 105DEGREE C 0.00033F 20% 35V 103	C601
08-RT321C0-DR200AA	19-BC0333-FTX	SMD. RES 33K OHM 1/8W +/-1%	R625
08-RT321C0-DR200AA	19-BC0333-FTX	SMD. RES 33K OHM 1/8W +/-1%	R624
08-RT321C0-DR200AA	19-BC0122-FTX	SMD. RES 1.2K OHM 1/8W +/-1%	R621
08-RT321C0-DR200AA	28-BB0104-KBX	CAP. CER, SMD 100N0F 50V DCV 0805 -	C627
08-RT321C0-DR200AA	28-BB0102-KBX	CAP. CER, SMD 1Nf 50.0V 0805 - +/-10% R=Y	C625
08-RT321C0-DR200AA	33-NLL330-MTX	IND-SMD 0.150HM 40 1.7A TAPE VLC6045T-33	L610
08-RT321C0-DR200AA	28-BB0102-KBX	CAP. CER, SMD 1Nf 50.0V 0805 - +/-10% R=Y	C626
08-RT321C0-DR200AA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R631
08-RT321C0-DR200AA	25-KJF470-M1X	CAP. ELE 105DEGREE C 0.000047F +20% 160V	C604
08-RT321C0-DR200AA	40-RT3210-DRF2XG	PCB DR 170 X180/ 42MM 42PC DOUBLESIDED 1	PCB
08-RT321C0-DR200AA	13-MP3204-TTB	IC LED DRIVER IC MAP3204T	U601
08-RT321C0-DR200AA	12-AOD478-OBX	MOSFET-SMD N 100V 11A 2.8V 0.152OHM 2.1W	Q601
08-32LDBTM-BL4CSAA	4C-LP320P-DT2	LGP PRINT 3 X 404.2MM 705.7MM R=Y	
08-32LDBTM-BL4CSAA	67-M93409-OEO	TV RAW SPRING CLUTCH R=Y	
08-32LDBTM-BL4CSAA	54-939050-000	SPONGE STRIPE BK 710MM 5MM 0.5MM R=Y	
08-32LDBTM-BL4CSAA	4C-LP320P-YC1	LGP PRINT 3 X 404.2MM 705.7MM R=Y	
08-32LDBTM-BL4CSAA	4C-LP320P-BL1	LGP PRINT 3 X 404.2MM 705.7MM R=Y	
08-32E5300-LPC001A	71-L32E53-P03	PRI LABEL LABEL L32E5300 -- R=Y	
H3-32E53E3-SRNB0AA	47-PWS041-LX7	SOCKET AC SOCKET ST N ACT1DF-02BT3P010	
H3-32E53E3-SRNB0AA	62-946010-OUL	RAW SUPPORT AC-SUP-COVER -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	62-946000-OUL6R	DEC SUPPORT AC-SUP -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	58-HE53MP-JKL1J	PRI OVERLAY RATING LABLE L32E5300/MT10B-	
H3-32E53E3-SRNB0AA	58-906090-JKL1R	RAW OVERLAY SIDE AV (RIGHT) -- 00 00 00	
H3-32E53E3-SRNB0AA	58-906080-JKL1T	RAW OVERLAY SIDE AV (DOWN) -- 00 00 00 R	
H3-32E53E3-SRNB0AA	56-934290-0VH01	PRI LENS IR -- 00 00 00 R=N	
H3-32E53E3-SRNB0AA	56-911300-OHQL1	PRI COVER STAND -- 00 00 00 R=N	
H3-32E53E3-SRNB0AA	56-911290-OHH02	RAW SUPPORT STAND NECK -- 00 00 00 R=N	
H3-32E53E3-SRNB0AA	56-898140-1HA1C	DEC SUPPORT KEY CLUSTER -- 00 00 00 R=N	
H3-32E53E3-SRNB0AA	56-898130-1HA6R	RAW KEY CLUSTER L19P31 R=N	
H3-32E53E3-SRNB0AA	56-895200-OHG6R	PRI FASTENER CABLE TIE -- 00 OHG R=N	
H3-32E53E3-SRNB0AA	55-933490-1HZ6R	DEC BACKCOVER 32E5300 -- 00 00 00 R=N	
H3-32E53E3-SRNB0AA	54-903400-000	RAW CLOTH FLOCKED FABRIC -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	54-717920-0X0	FELT TAPE	
H3-32E53E3-SRNB0AA	51-DCN180-OAR0FG	POWER CORD BS 8字尾 2 1800MM H03VVH2-F 0.7	

H3-32E53E3-SRNB0AA	49-R03P80-BAT	BATTERY 1.5V	
H3-32E53E3-SRNB0AA	49-911320-1001A	RAW STAND 32E5300 -- 00 00 00 R=Y	
H3-32E53E3-SRNB0AA	67-M93399-3G0	RAW SUPPORT CHISSIS-METAL-SHEET -- 00 00	
H3-32E53E3-SRNB0AA	06-RC3000M-RM2FCAA	RCT OR BLACK 3VV 小于50MAA 小于3UAA 0	
H3-32E53E3-SRNB0AA	47-PWS041-DX7	SOCKET 150MM R N SA-2S-453-14-GP	