

TCL

SERVICE MANUAL



LCD32E9A-MS91LA

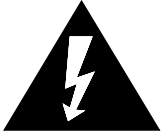
1. Caution	2
2. specification	6
3. Alignment Procedure	7
4. Block of Diagram	13
5. Scheme Diagram	14
6. Troubleshooting	26
7. PCB Layout	32
8. Explode Diagram	38
9. Main IC specification	39
10. BOM List	43

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:

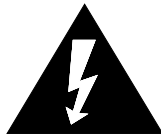
Use of controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.



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 lightning 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.



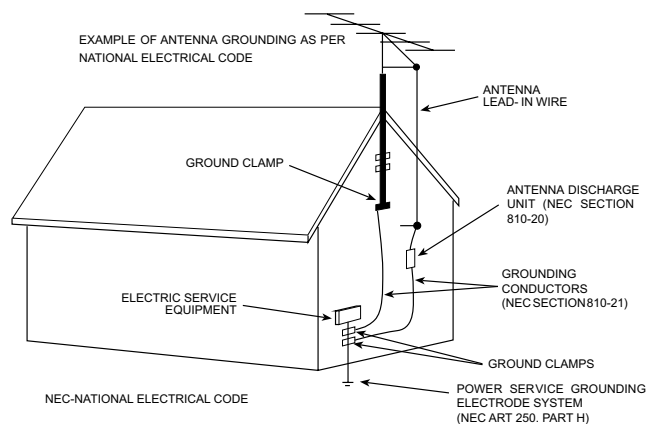
PROTECTION AND LOCATION OF YOUR SET

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: 2008.06.03

Model: L32E9A/MS91-LA

受控文件



PICTURE

Panel Size (inch)	32"
Category	LCDTV
Aspect Ratio	16:9
Color Temperature	Cool/ Normal / Warm
Backlight Adjustable	Yes,Manual Adjustable & DBC(Dynamic Backlight Control)
Scaler Mode	4:3,14:9,16:9 ,FULL
Picture Effect	4 picture effects preset (Bright,Soft,Personal,Natural)
Film Mode (3:2 pull down)	Yes

Picture Enhancement

Comb Filter	3D
Core Technology	High-quality scaling engine&3-D video de-interlacer
DCC(Dynamic Contrast Control)	Yes
DCDj™	Edge-oriented adaptive algorithm for smooth low-angle edges
Blue Stretch	Yes
Black Stretch	Yes
Motion Compensation	Yes
DLTI	Yes
DCTI	Yes
Dynamic Skin Correction	Yes
DNR	Yes

Panel Specification

Panel supplier	SAMSUNG
Viewing Technology	PVA
Display Resolution	1366*768
Brightness (cd/m2)	450
Contrast Ratio	2000:1
Response Time	8ms (G to G)
Viewing Angle (H/V)	176°/176°
Life Time	60,000hrs
Color	16.7M

SOUND

Speakers	Integrated speakers (Two mediant and one woofer)
Audio Power Output	5W×2+8W(Woofer)
Sound Processing	BTSC,SAP,Stereo
DVSS (Dolby Virtual Surround)	--
DDAS (Digital Dymic Audio System)	Yes
AVC (Auto Volume Control)	Yes
BBE	--
SRS	Yes
Sound Features	AV Stereo,AVC, BTSC, Equalizer
Sound Control	Volume, Balance, 5 mode presets(Stereo;Movie;News;Music;Personal)

FUNCTION

V-Chip	Yes
CCD (Closed Caption)	Yes
Teletext	--
PIP/POP	Yes see note 1
Macro Vision	Yes
Calendar	--
Clock/Timers	Yes
Lock	Yes(Child Lock to lock keys)
OSD Language	English,French,Portuguese,Spanish
OSD Features	Transparent adjustable(Off,Low,Mid,High)
Card Reader	--
AIS (Auto Input Switch)	Yes
USB Connection	Yes. Support Mp3,JPEG
Game	--
Screen Saver	--
Demo Function	--
Picture Freeze	Yes,and can save to peripheral equipment,such as HD.

SIGNAL FORMAT CAPABILITY

Component Video Format	Y,Pb/Cb,Pr/Cr:up to 1080P
DVI Video Format	--
HDMI Video Format	Up to up to 1080P
PC Compatibility	VGA,SVGA,XGA etc.

TERMINALS

Audio/CVBS Input (Composite)	3 R/L+3 Video: AV1,AV2,AV3(side)
S-Video Input	1
Audio Input for S-Video	Share with Audio for AV2
YPbPr Input	1
Audio Input for YPbPr	1
YCbCr Input	Share with "YPbPr"
Audio Input for YCbCr	Share with Audio for "YPbPr"
VGA Input(RGB)	1 (D-Sub,15 Pins)
Audio Input for RGB	Share with Audio for "YPbPr"
DVI	--
Audio Input for DVI	--
HDMI	2
Audio/CVBS Output (Composite)	1 (R/L+CVBS) (RCA)
SPDIF Output	1 (Optical sound out,RCA)
Headphone Output	1 (Φ3.5mm)
RF Input(Antenna)	1 ("F" Type)
USB	1 (Standard)

BASIC INFO.

TV System	NTSC-M,PAL,M,N
AV System	PAL,NTSC
Channels	181
Chassis	MS91-LA
Certification	CB
Power Supply	AC 100V-240V 50/60Hz
Power Consumption-TV on	130W
Power Consumption-Standby	<3W
Default Color of Front Cabinet	Black
Keyboard Position	Touch keyboard on the left side
Base Stand Detachable	Yes

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

With Base Stand (mm)	796*584*231
Without Base Stand (mm)	796*534*104

Packaged Dimension (L*H*D)

Main Body (mm)	915*652*260
Speaker Box	--
Base Stand	Packaged with Main Body

Net Weight (Kg)	13.3
Gross Weight (Kg)	16

Container Loading

20 feet	188
40 feet	396
40 feet high	440

ACCESSORIES

Operation Manual	English(Default)
Remote Control	For TV control (with two 7# batteries)
Base Stand	Integrated Packaging
Speaker Box	Integrated
Wall Mount	Optional
Others	AC Power cord

Drafted by: 张勇 2008-06-03

Approved by:

Design and specifications are subject to change without notice!

Page 1 of 1

Note:

1. PIP POP

In PIP/POP mode,all the sources are divided into two groups. Group 1 includes TV,AV1~AV3,S-Video,Group 2 includes Y/Pb/Pr,VGA,HDMI1,HDMI2. If the Main window display one of the source in Group 1, the Sub window can only display one of the source in Group 2, vice versa. The source in different group displayed at the same time can not be supported.



TCL Multimedia Technology Holdings Ltd.
R&D Center

Alignment Procedure

MODEL : L42E77F/MS91AP LCDTV

Version 1.0

PREPARED BY : Wise Zhang DATE : 2008-5-7

APPROVED BY: _____ DATE: _____

Overview:

LCDTV features by its small size, low weight, perfect display effects as well as energy saving and low radiation. It can not only be used to receive TV program, but also as PC monitor.

Note:

Factory Menu(FM) is designed for factory. R&D Menu (RDM) is for R&D purpose and should not be changed in the process of production.

How to access to Factory Menu?

1. Firstly, in TV mode, press MUTE button of remote control to mute the set.

Secondly, press MENU button to enter user main menu. Then choose CONTRAST item in PICTURE menu and press 9,7,3,5 buttons in series. Factory Menu will appear in the left top of screen.

2. Press RETURN button when FACHOTKEY is enabled (ON).

Note: After upgrading the software for the first time. Restart the set (power off then power on) should be made to ensure the correct EEPROM data.

F_M (Factory Menu) menu

Item	Default	Description	Status
FAC HOTKEY	OFF	Shortcut button to enter Factory Menu. (OFF: disable; ON: enable), After production, the item must be disabled.	OK
WARM UP	OFF	OFF: normal mode, the set will turn to standby mode when no signal inputted ON: Aging mode, the set will display blue screen when no signal inputted. Usually the value should be set to off when aging test.	OK
ADC		Calibration of ADC data	OK
WHITE BALANCE		White balance data adjustment	OK
SHOP	DO	Reset the set after production to remove all unnecessary factory debug information and the Factory Menu will can not access for users.	OK
NVM RESET	DO	Restore the system to default value. This operation will remove the white balance data. This function only designed for R&D.	OK

SET FAC CH	DO	Preset the channel list of factory to provide convenience for production.	OK
Power on	LAST	STB: The set will turn to standby mode when switch on. LAST: remember the status of last switch off. ON: power on when switch on.	OK
PVR UPGRADE	DO		OK
VERSION		Display the version of software.	OK
PVR VERSION			OK

ADC calibration:

Item	Default	Description	Status
SOURCE		Current source	OK
R OFFSET	127	R offset, manually adjustable. Should not be changed after automatic adjustment.	OK
G OFFSET	127	G offset, manually adjustable. Should not be changed after automatic adjustment.	OK
B OFFSET	127	B offset, manually adjustable. Should not be changed after automatic adjustment.	OK
R GAIN	127	R gain, manually adjustable. Should not be changed after automatic adjustment.	OK
G GAIN	127	G gain, manually adjustable. Should not be changed after automatic adjustment.	OK
B GAIN	127	B gain, manually adjustable. Should not be changed after automatic adjustment.	OK
AUTO TUNE		Before calibration, first, please input corresponding pattern according to the instruction at the bottom of the menu. Second, select AUTO TUNE, Then press vol- button in remote control to calibrate ADC automatically. The result will be displayed.	OK

WHITE BALANCE adjustment:

Item	Default	Description	Status
SOURCE	AV1	current source. Only AV1, HDTV, VGA need be adjusted.	OK

COLOR TEMP	NORMAL	NORMAL/COOL/WARM	OK
R GAIN	129	R offset, manually adjustable. Should not be changed after automatic adjustment.	OK
G GAIN	128	G offset, manually adjustable. Should not be changed after automatic adjustment.	OK
B GAIN	126	B offset, manually adjustable. Should not be changed after automatic adjustment.	OK
R OFFSET	126	R gain, manually adjustable. Should not be changed after automatic adjustment.	OK
G OFFSET	126	G gain, manually adjustable. Should not be changed after automatic adjustment.	OK
B OFFSET	128	B gain, manually adjustable. Should not be changed after automatic adjustment.	OK

How to access to R&D Menu?

1. Firstly, in TV mode, press MUTE button of remote control to mute the set.

Secondly, press MENU button to enter user main menu. Then choose CONTRAST item in PICTURE menu and press 1,9,5,0 buttons in series. R&D Menu will appear in the left top of screen.

2. Press RETURN button when Design Menu->DESIGNKEY is enabled (ON).

3. Press MENU button of remote control under FM.

R&D Menu (RDM)

Item	Default	Description	Status
DESING KEY	OFF	Shortcut key control switch of Design Menu (ON: enable, OFF: disable)	OK
FAC MENU		To enter Factory Menu	OK
SHOP INIT		Should not be adjusted by factory.	OK
OTHERE		Other settings.	NG
SERVICER MENU		Product information	NG

PARAM SETTING		Parameter settings	OK
HOTEL MENU		Hotel menu	NG

SHOP INIT Function

Item	Default	Description	Status
VOLUME	30	Volume default value(0~100)	OK
PIC MODE	STANDARD	Picture mode(Soft, Standard, Bright, User)	OK
SOUND MODE	STEREO	Sound Effect(Stereo, Movie, News, Music Hall, Personal)	OK
CH NUMBER	199	Channel number (0-199)	OK
LANGUAGE	ENGLISH	Language (English/French/Farsi/Russian)	OK
COLOR SYS	AUTO	TV Color system (AUTO, PAL, SECAM)	OK
SOUND SYS	D/K	Sound system (D/K, B/G, I)	OK
PRESET CH	1	Channel preset (0-199)	OK
COLOR TEMP	NORMAL	Color temperature (NORMAL, WARM, COOL)	OK

PARAM SETTING

Item	Default	Description	Status
VOLUME		Sound curve adjustment	OK
BRIGHTNESS		Luminance curve adjustment	OK
CONTRAST		Contrast curve adjustment	OK
SATURATION		Saturation curve adjustment	OK
SHARPNESS		Sharpness curve adjustment	OK

DEBUG BOARD:

During production the Debug Board will be used to upgrading software, adjust White Balance. The function of the board is transfer TTL Voltage to 232 Voltage. 12V DC power supply should be provided through CON1/CON2.

The steps of debug during production:

Manually adjustment of White Balance and ADC calibration:

1) ADC calibration

Input dual 16 grey scale signal 1024*768/60Hz (Chroma2225 Pattern47, Timing38 or Chroma2327 Pattern47, Timing14) from VGA socket

Input 8 color bar with 100% saturation (2327 Pattern37, Timing33 or BSG360A Timing79, Pattern85), PAL system from Y,Pb,Pr socket.

Enter ADC item of Factory Menu, select the source which you are going to calibrate. Then select AUTO TUNE and press Vol- button in remote control.

Note: First confirm the input signal pattern and format are correct. After calibration, If the grey scale can not be distinguished, calibrate again until it is distinguished.

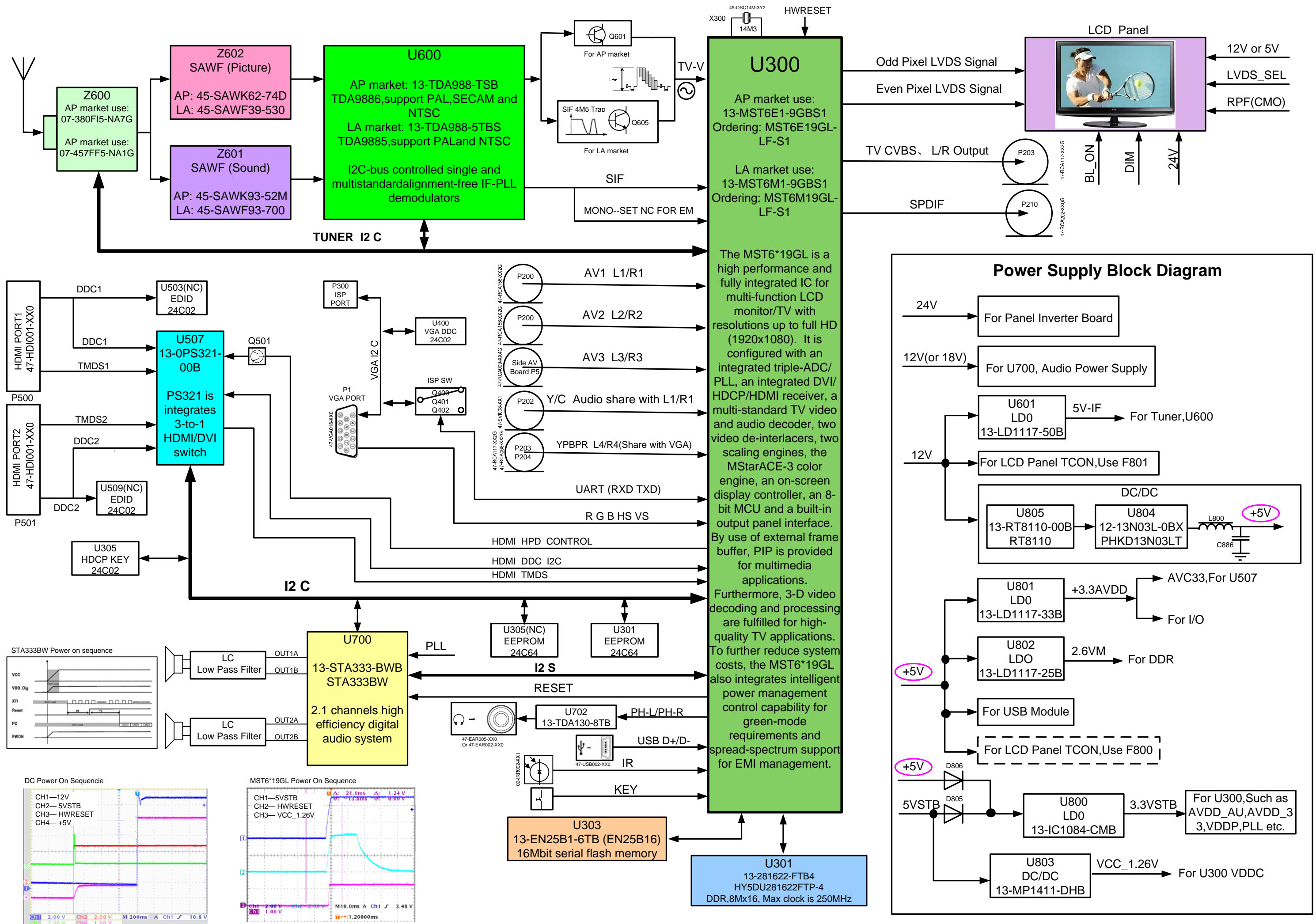
Color Temperature adjustment.

Before adjustment you should confirm the color analyzer has been calibrated. During the process, only AV1 Y,Pb,Pr,VGA source should be adjusted. We recommend you use CA210 color analyzer(0 channel), because it is more accurate.

Connection of devices:

- 1) connect CON3 of Debug Board to CA210(input VGA signal to CON6 when adjust VGA source. Connect CON5 of Debug Board to the set through VGA cable. Input corresponding pattern required, then select GAIN AUTO, press Vol+ button of remote control.
- 2) Input 8 grey scale signal of 5418 from AV1/Y,Pb,Pr/VGA source. Point the optical lens to the fourth brightest scale. Then enter Factory Menu and select WHITE BALANCE page, select GAIN AUTO, press Vol+ button of remote control.

Note: In the process of adjustment, you can press MUTE button of remote control to cancel.



MS91-EM Chassis Block Diagram



L42E77F(MS91-AP) 原理图

版本：V1.0

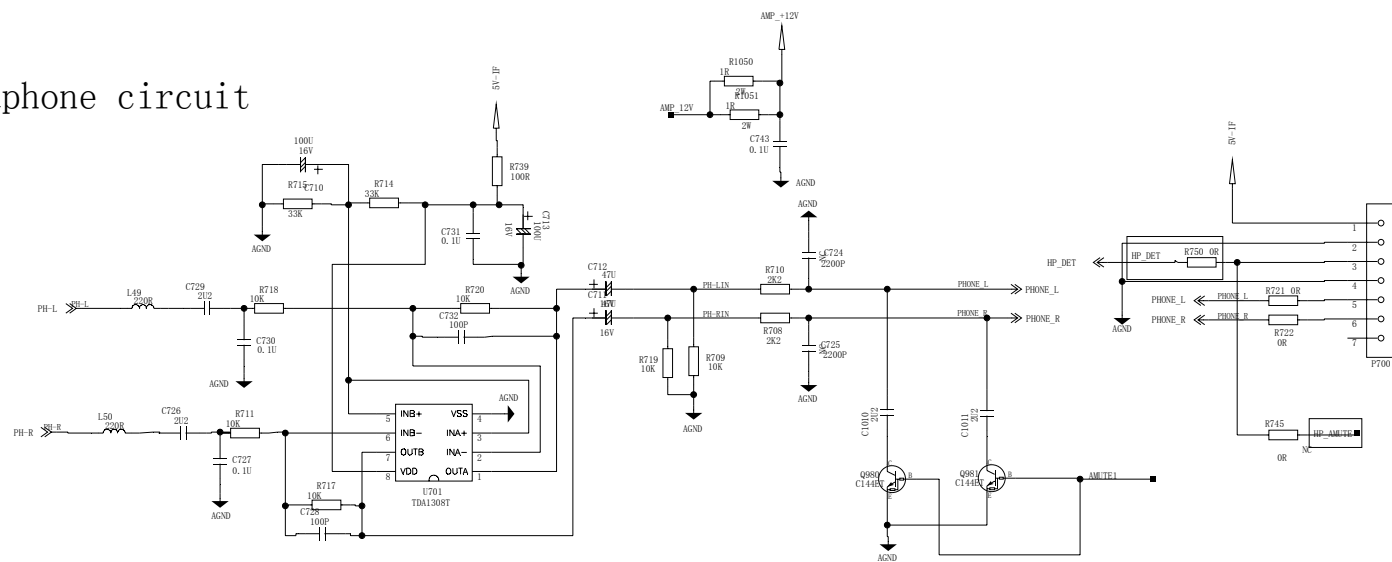
制作日期：2008-4-17

制作：张睿

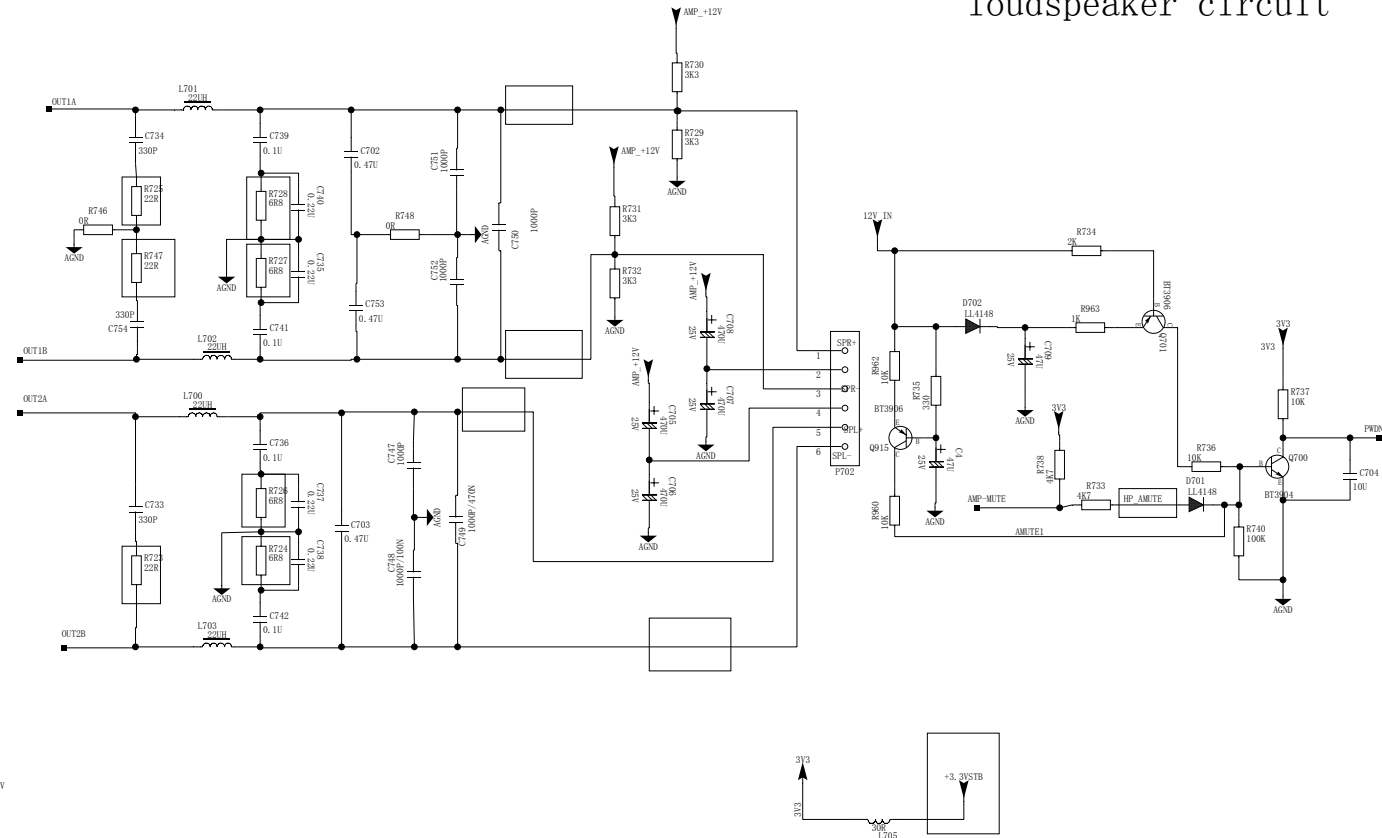
批准：


THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLES S PERMITTED IN WRITING

headphone circuit



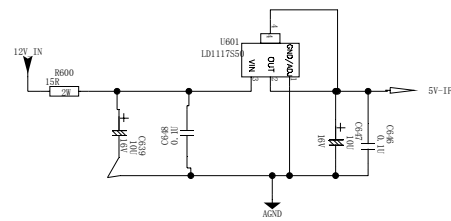
loudspeaker circuit



					SBU :					
					SNAME					TOCOM-Nr
					DESIGNATION		TCL Thomson Electronics Ltd. B Building, TCL Tower, Nanhai Road Nanshan District, Shenzhen, Guangdong Tel +86-755-3331xxxx Fax +86-755-3331xxxx			
Index-Lab	DATE	NAME	DESCRIPTION	Last modif			DRAWN	CHECKED	PAGE:	
Last saved :							ON:			
							BY:		BY:	

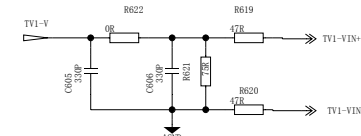
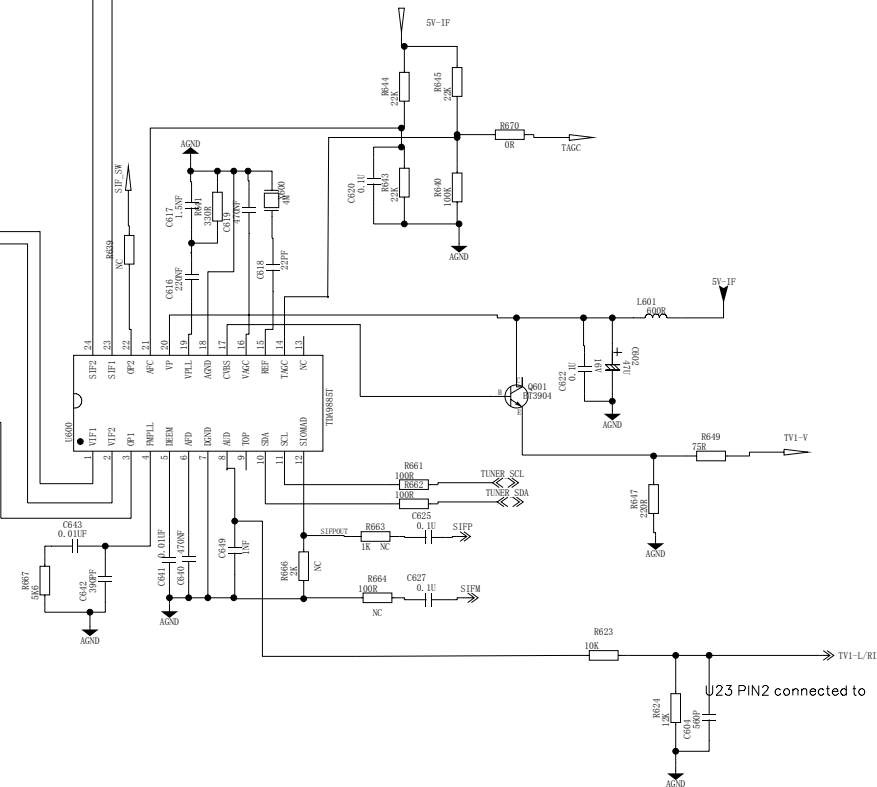
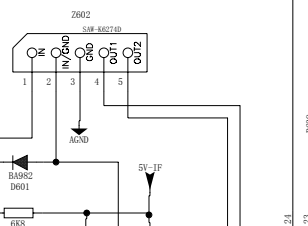
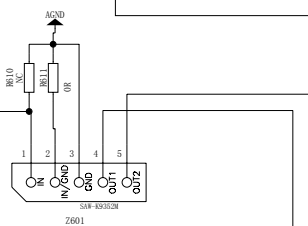
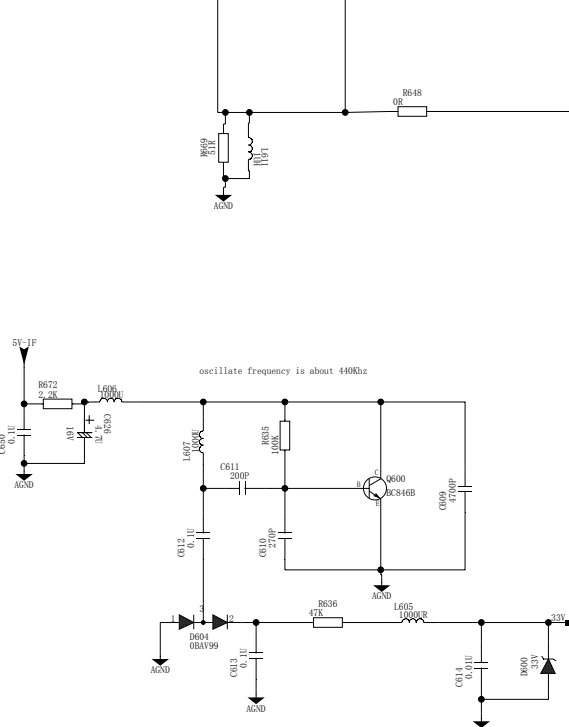
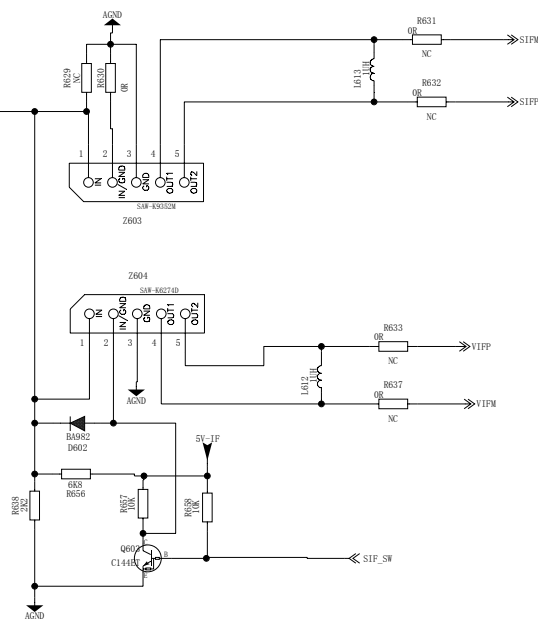
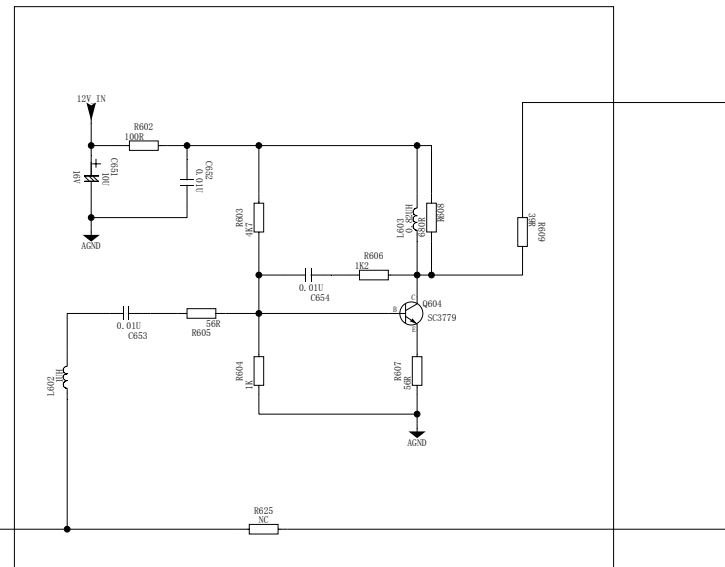
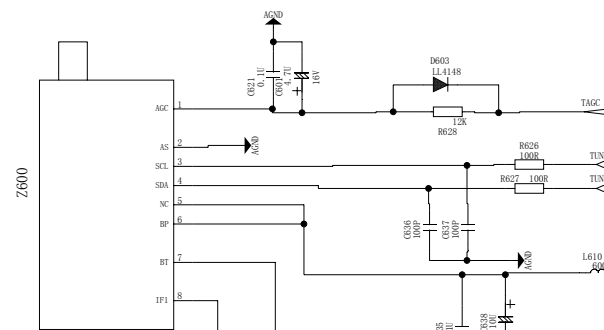
Last saved :

THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLESS S PERMITTED IN WRITING



Z602 pin2 connect to gnd then pin1 is B/G D/K mode;
if PIN2 connect to PIN1 then pin2 is M/N mode

Pre IF amplify



Index-Lab	DATE	NAME	DESCRIPTION	Last modif
Last saved :				

SBU :

SNAME TOCOM-Nr

DESIGNATION

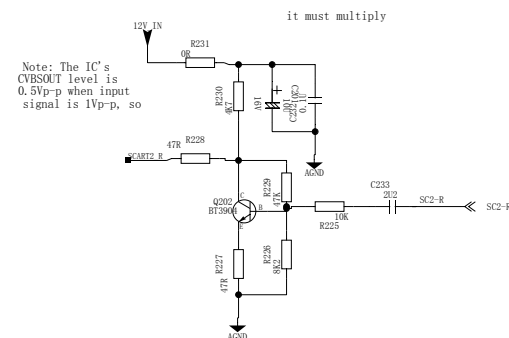
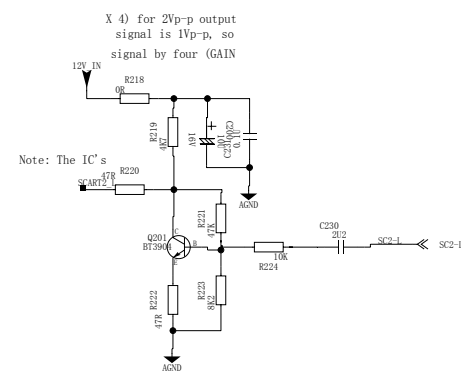
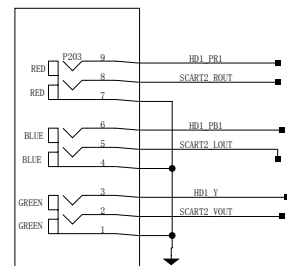
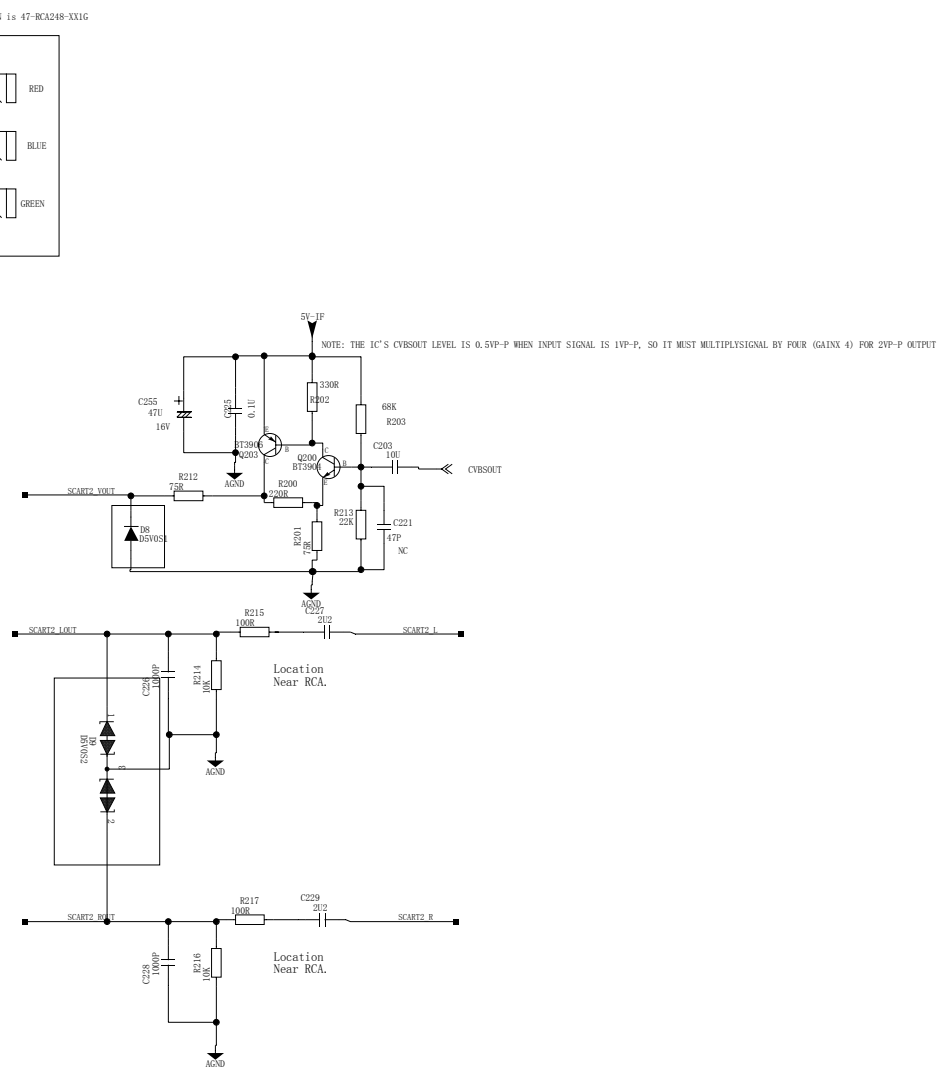
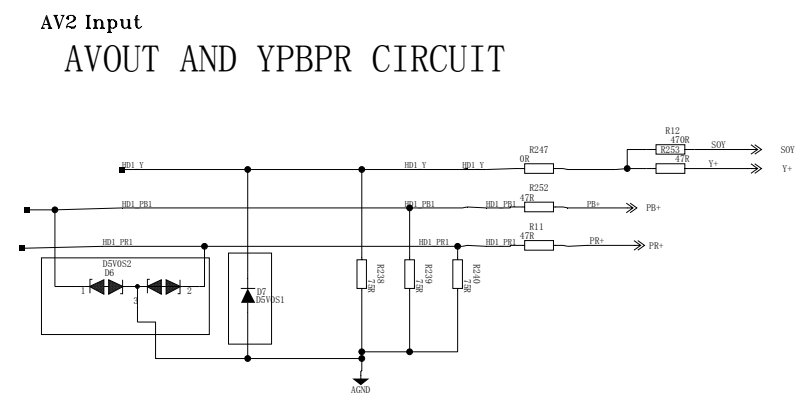
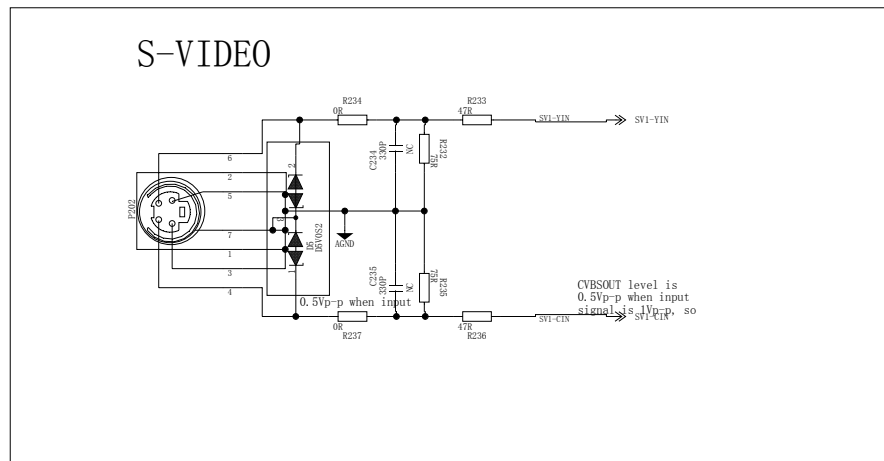
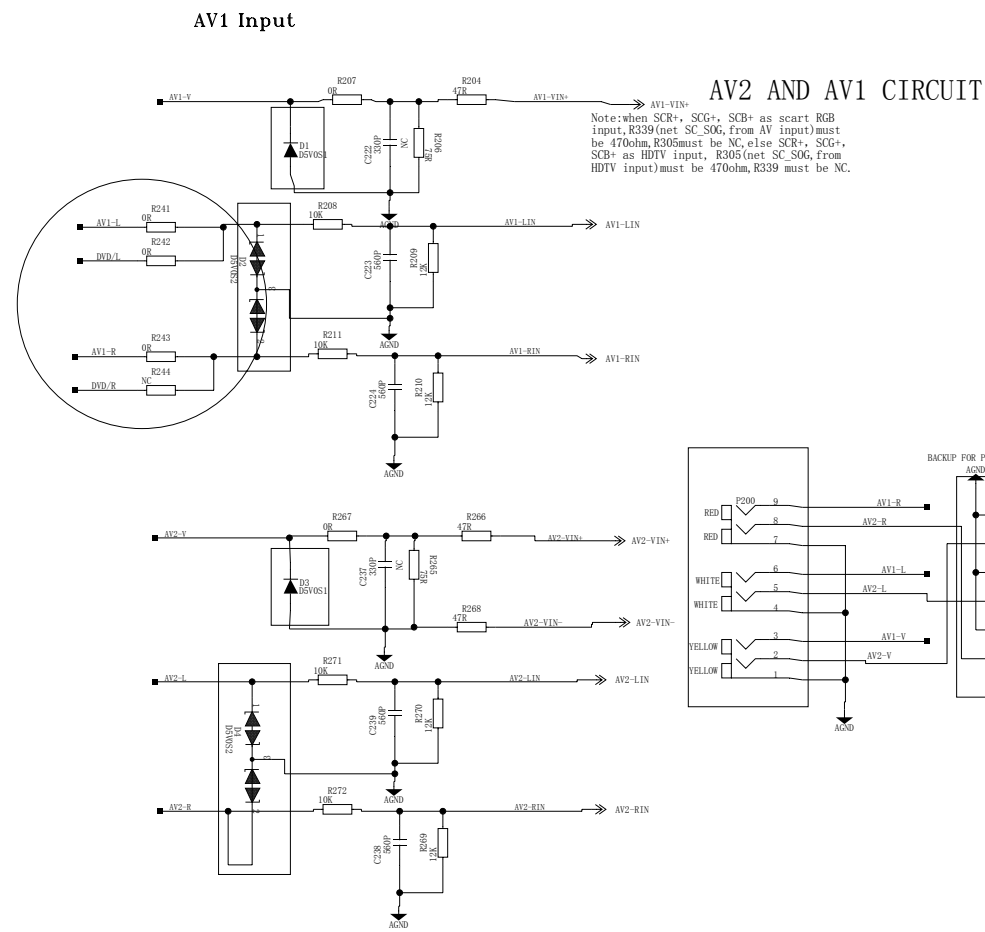
DRAWN
ON:
BY:


CHECKED
ON:
BY:

PAGE:
OF :

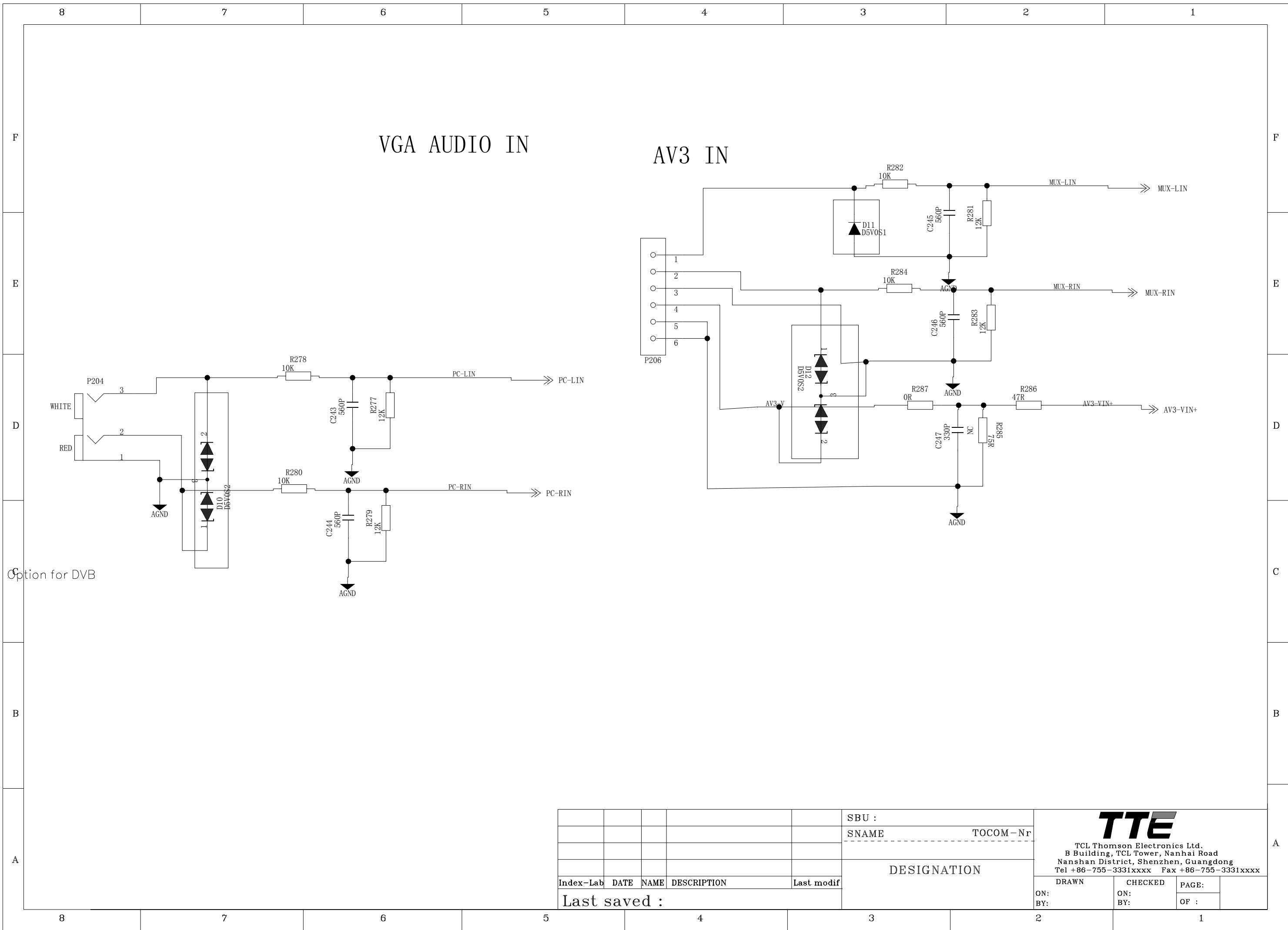
TTE

TCL Thomson Electronics Ltd.
B Building, TCL Tower, Nanhai Road
Nanshan District, Shenzhen, Guangdong
Tel +86-755-3331xxxx Fax +86-755-3331xxxx

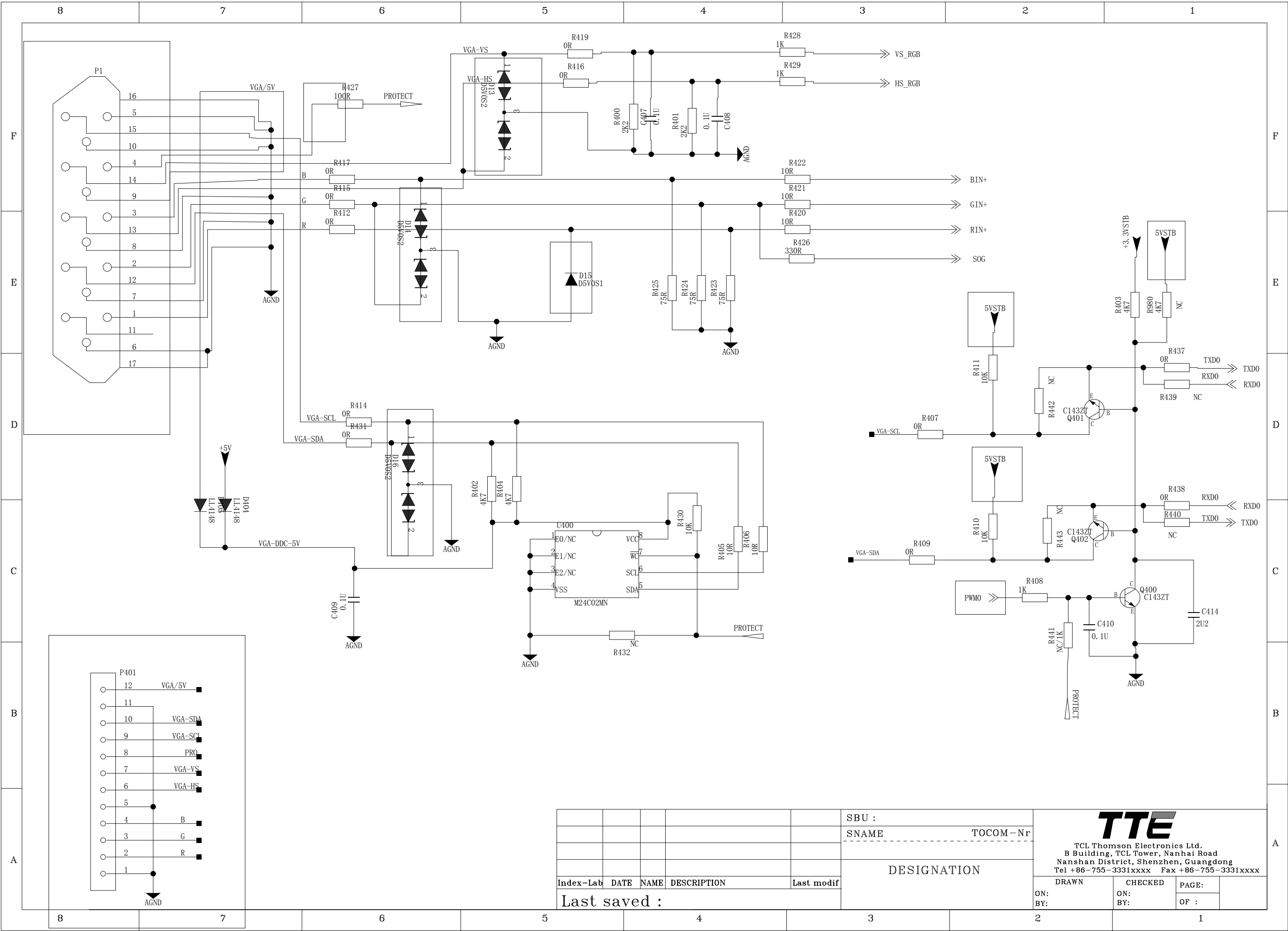


					SBU :	 <p>TCL Thomson Electronics Ltd. B Building, TCL Tower, Nanhai Road Nanshan District, Shenzhen, Guangdong Tel +86-755-3331xxxx Fax +86-755-3331xxxx</p>			
					SNAME _____ TOCOM-Nr _____				
					DESIGNATION				
Index-Lab	DATE	NAME	DESCRIPTION	Last modif		DRAWN	CHECKED	PAGE:	
Last saved :						ON: BY:	ON: BY:	OF :	

THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLES S PERMITTED IN WRITING

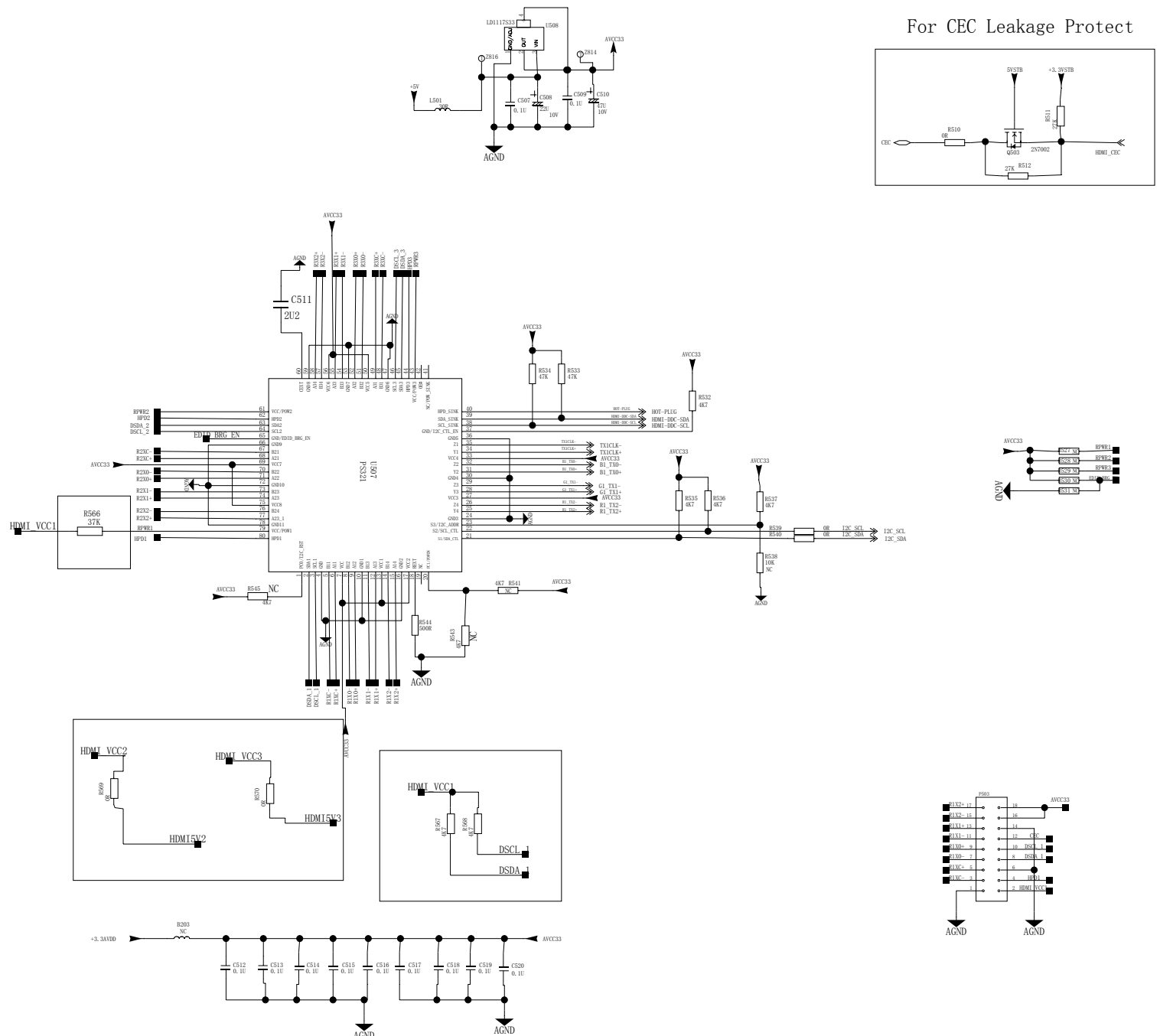
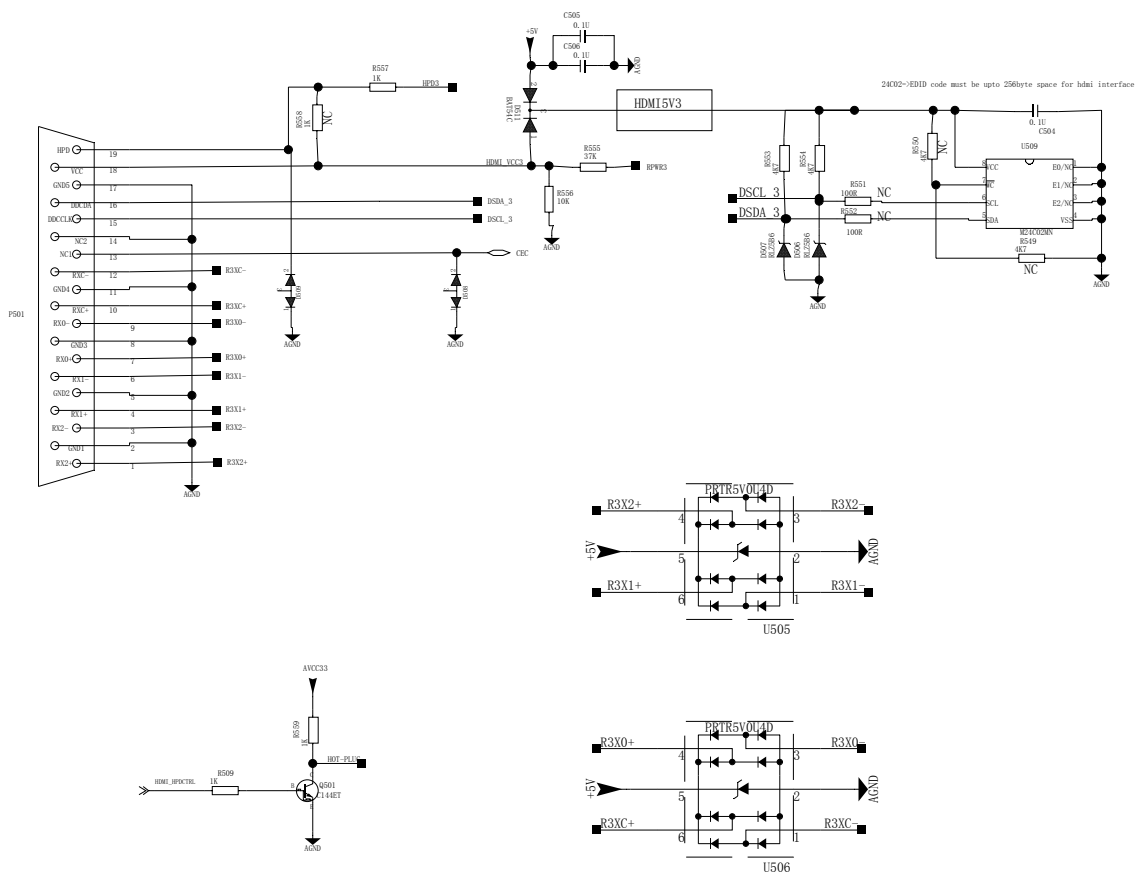
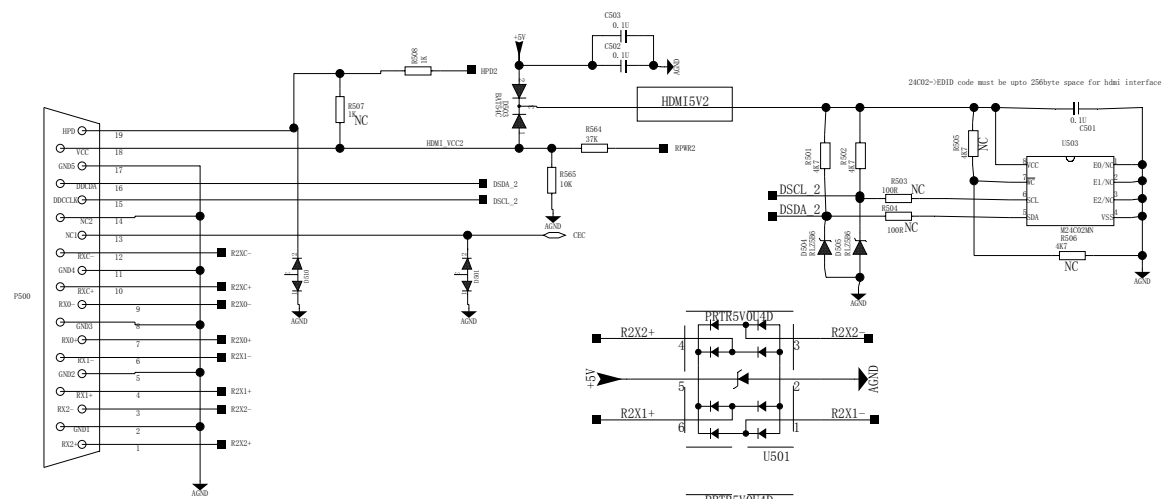



THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLES S PERMITTED IN WRITING



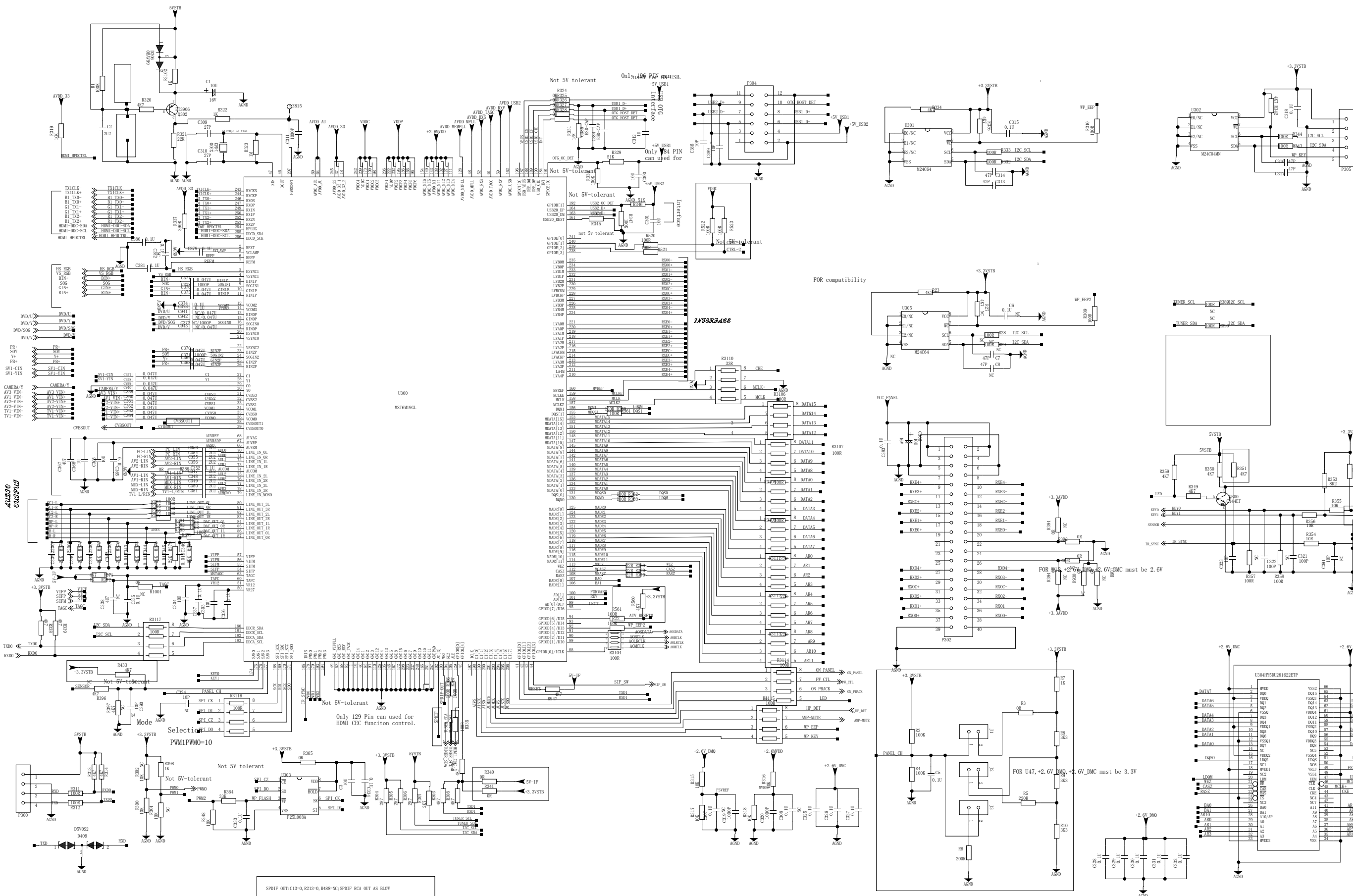
					SBU :	<div>TTE TCL Thomson Electronics Ltd. B Building, TCL Tower, Nanhai Road Nanshan District, Shenzhen, Guangdong Tel +86-755-3331xxxx Fax +86-755-3331xxxx</div>				
					SNAME	TOCOM-Nr				
						DESIGNATION				
Index-Lab	DATE	NAME	DESCRIPTION	Last modif		DRAWN		CHECKED	PAGE:	
Last saved :						ON:				
						BY:			OF :	

THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLESS PERMITTED IN WRITING

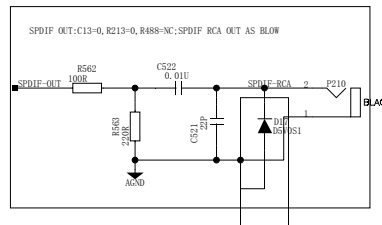


					SBU :					
FPD DESIGN CENTER					SNAME	TOCOM-Nr				
			40-LTV522-MAB4XG		DESIGNATION					
Index-Lab	DATE	NAME	DESCRIPTION	Last modif	HDMI INTERFACE					
Last saved : 1-14-2008_21:08										
					DRAWN		CHECKED		PAGE: 2	TV522
					ON:30-07-2007		ON:		OF : 29	FAMILY
					BY:TIGER&MARCUS		BY:			

THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLESS S PERMITTED IN WRITING



402570
01257013



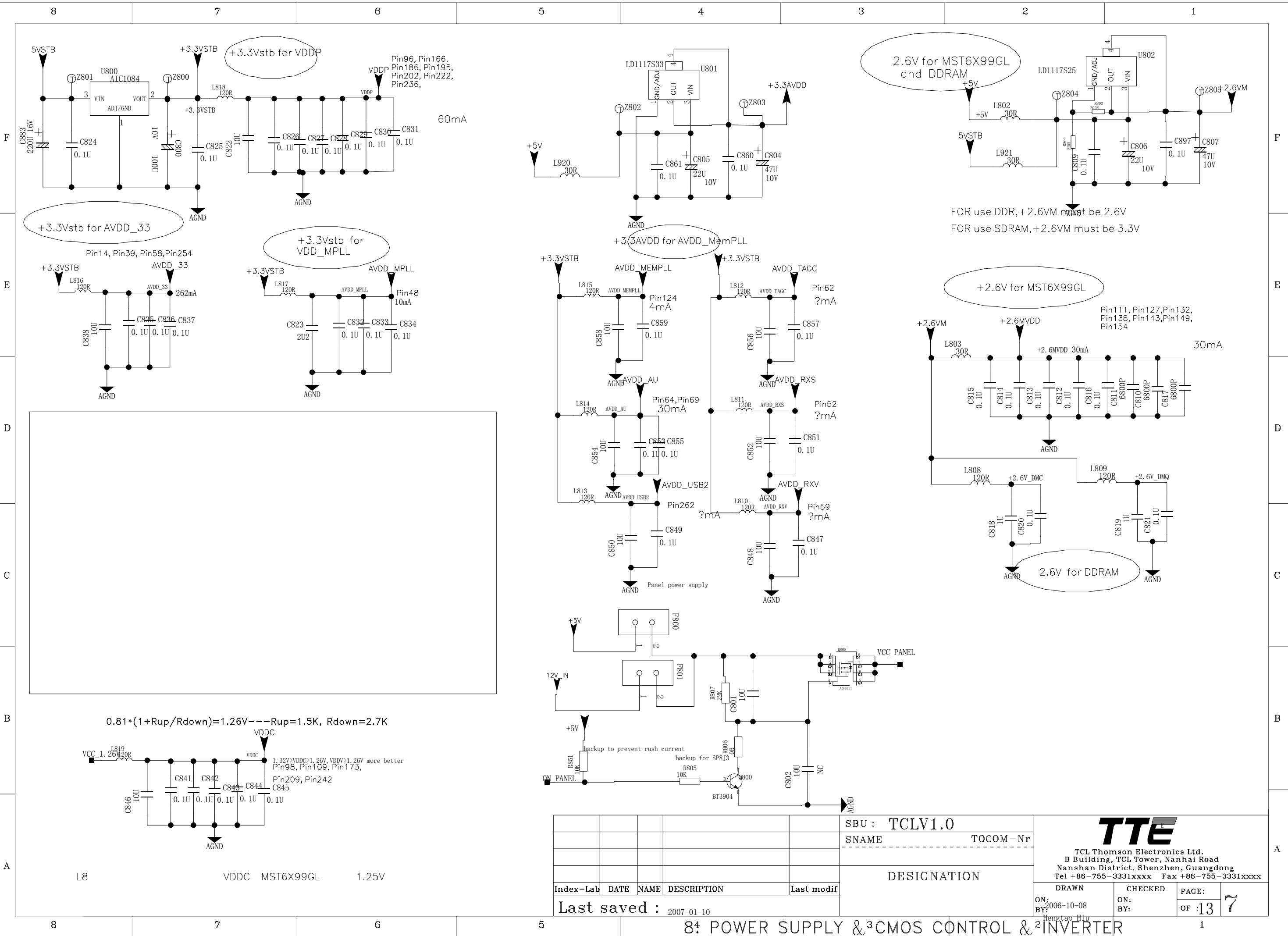
Index-Lab	DATE	NAME	DESCRIPTION	Last modif
Last saved :				

SBU :	TOCOM - Nr
SNAME	
DESIGNATION	

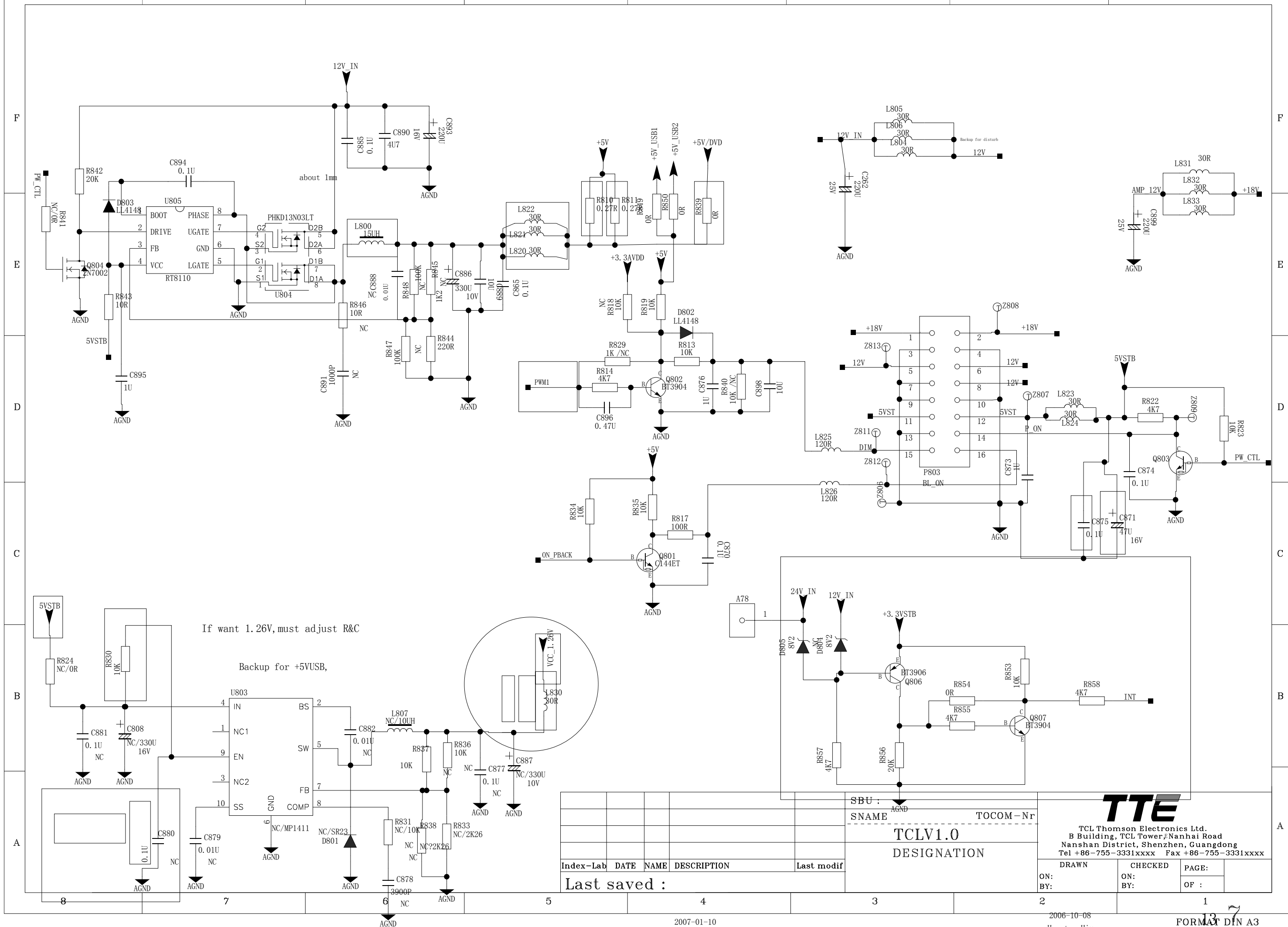
DRAWN	CHECKED	PAGE:
ON:	ON:	OF :
BY:	BY:	

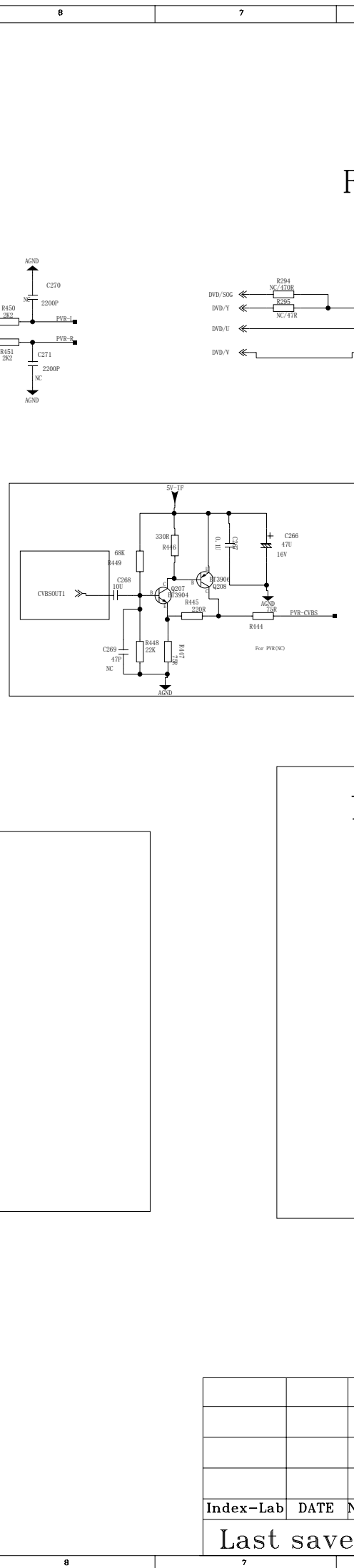
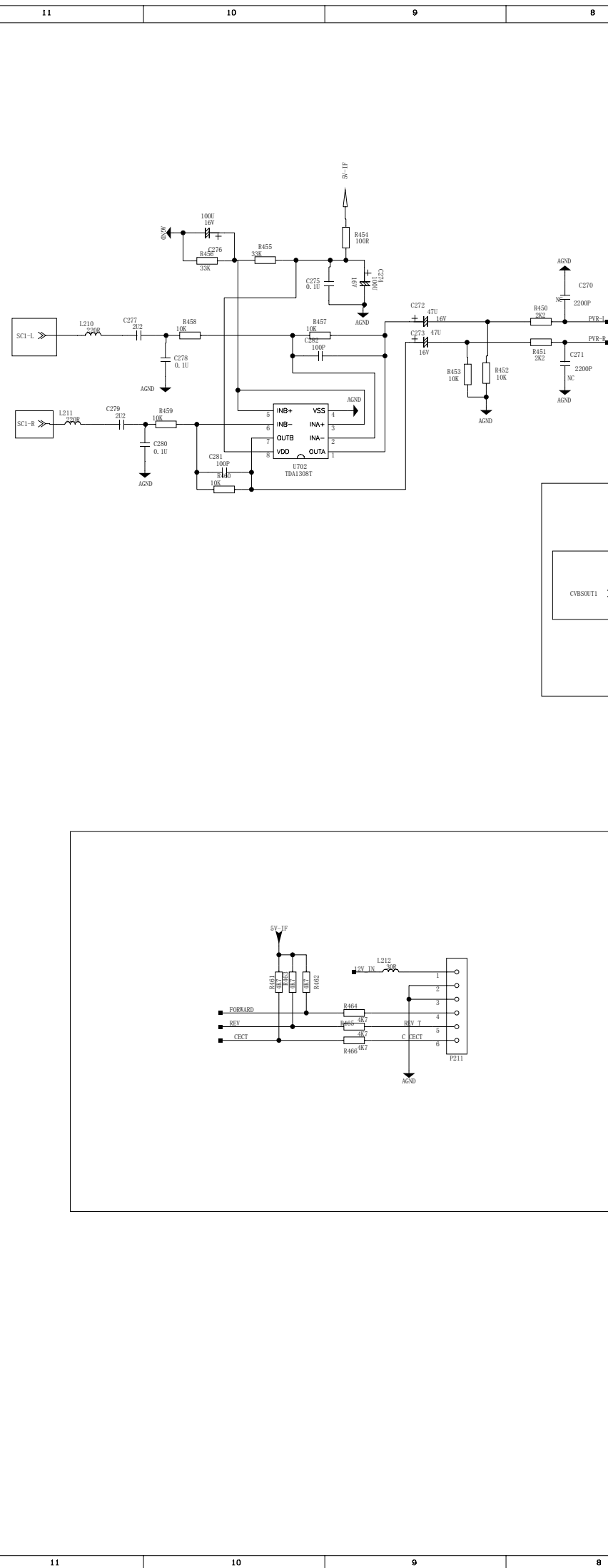
TTE
TCL Thomson Electronics Ltd.
B Building, TCL Tower, Nanhai Road
Nanshan District, Shenzhen, Guangdong
Tel +86-755-3331xxxx Fax +86-755-3331xxxx

THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLESS PERMITTED IN WRITING



THIS DRAWING CANNOT BE COMMUNICATED TO UNAUTHORIZED PERSONS COPIED UNLESS PERMITTED IN WRITING





FOR DVD-COMB OR PVR

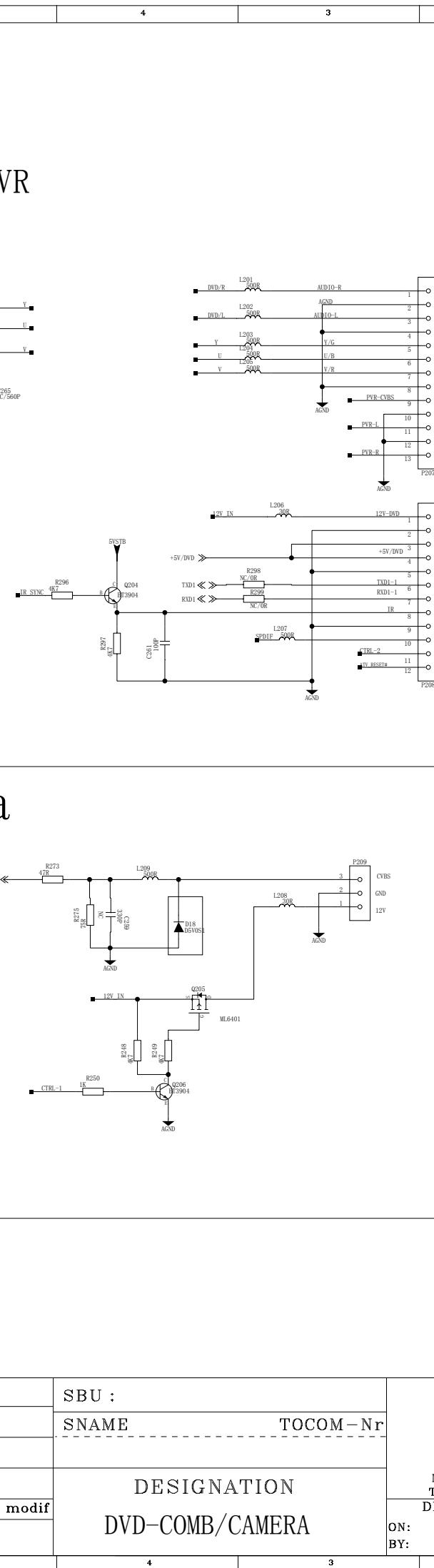
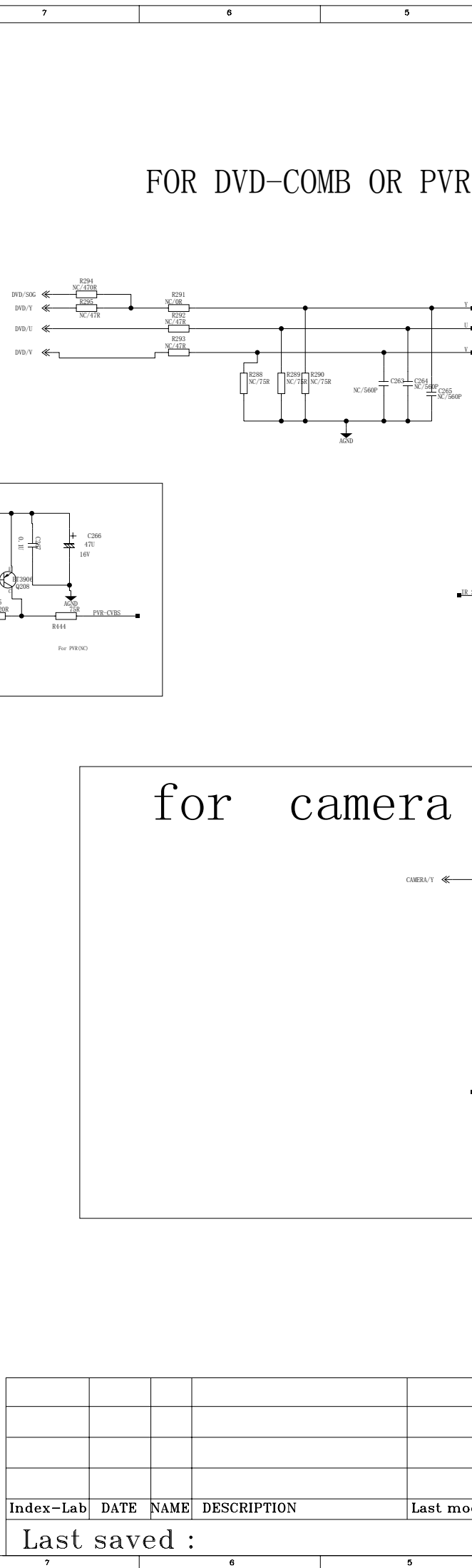
IR. ST

for camera

CAMERA/Y ←

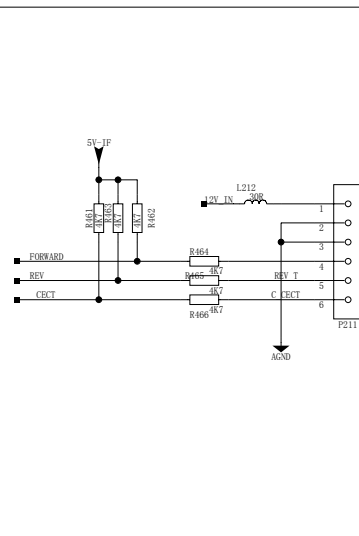
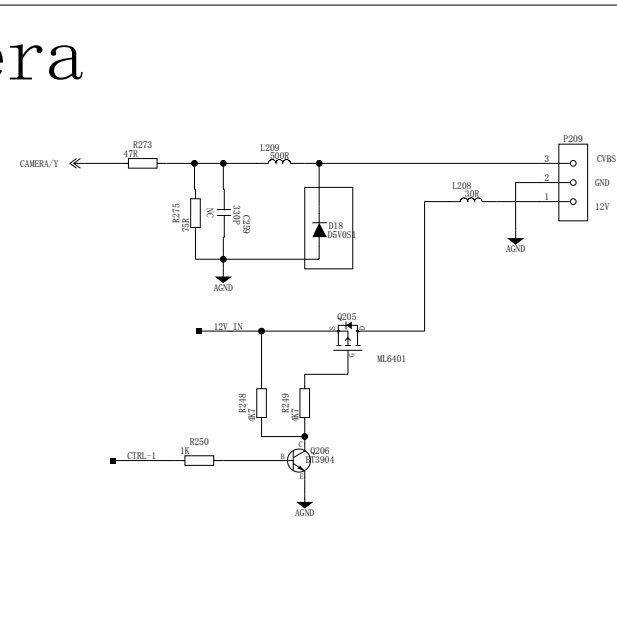
NAME	DESCRIPTION	Last mod

ved :

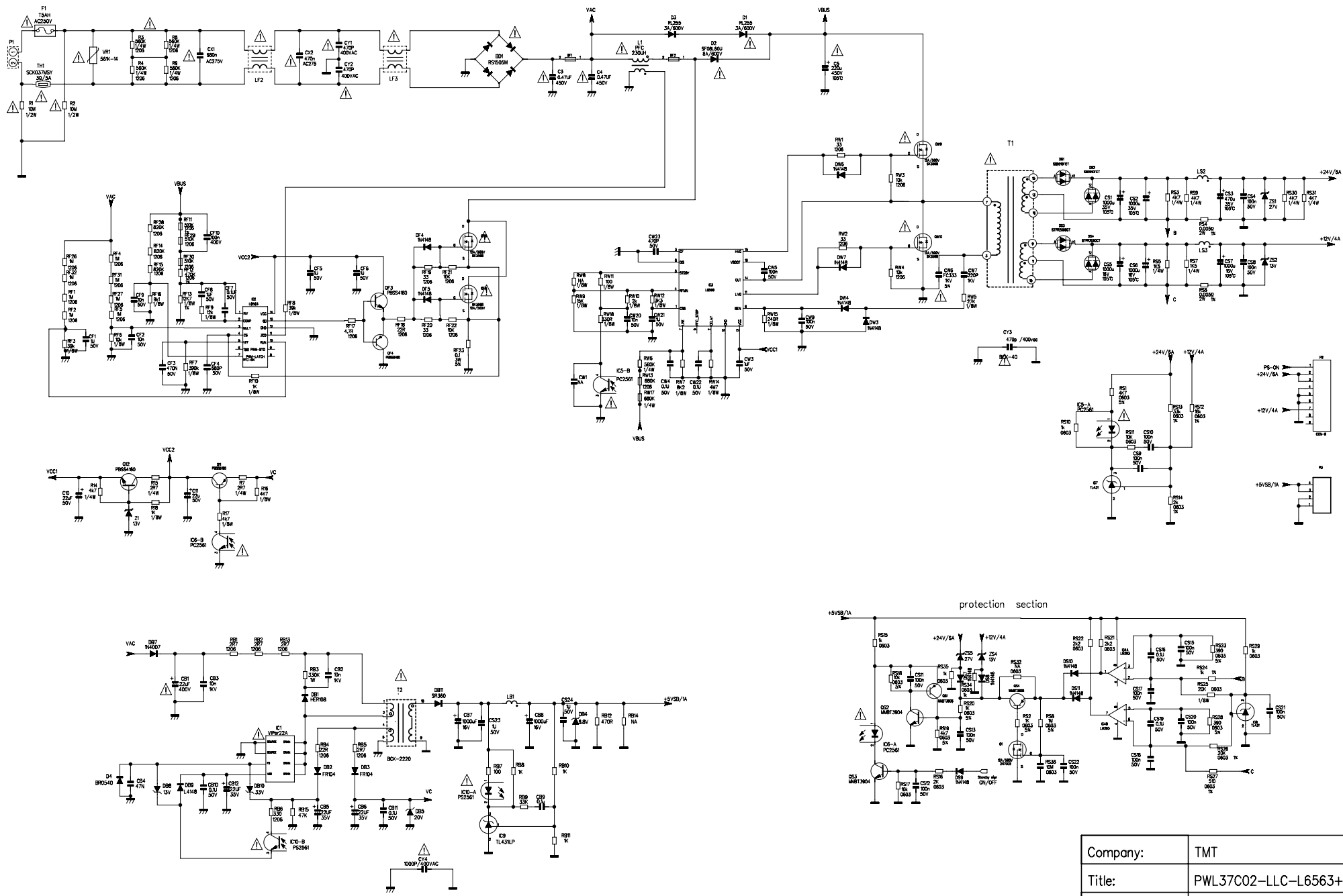


for camera

CAMERA 'Y' <<—

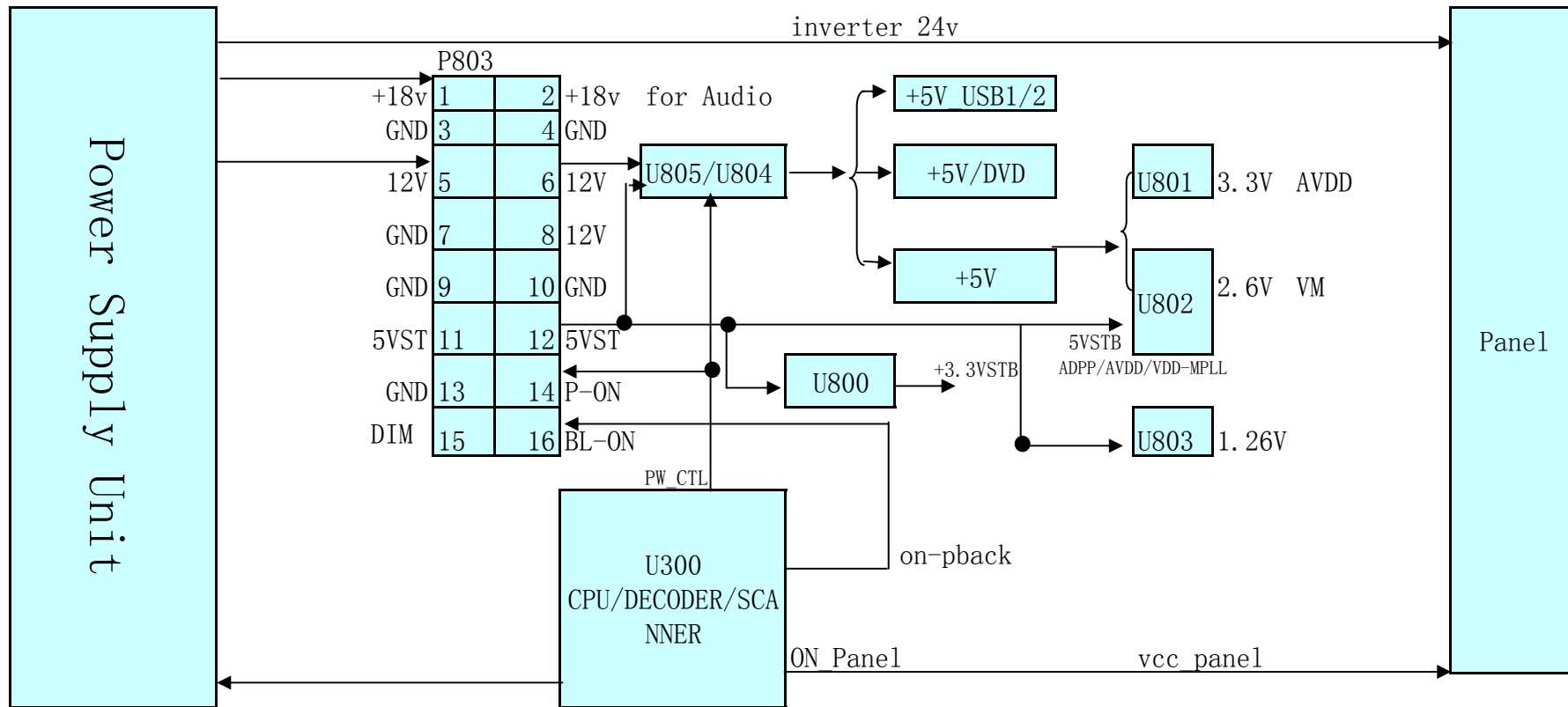


						SBU :	<div>TTE</div> <div>TCL Thomson Electronics Ltd. B Building, TCL Tower, Nanhai Road Nanshan District, Shenzhen, Guangdong Tel +86-755-3331xxxx Fax +86-755-3331xxxx</div>					
						SNAME					TOCOM-Nr	
						DESIGNATION						
						DVD-COMB/CAMERA						
Index-Lab	DATE	NAME	DESCRIPTION		Last modif		DRAWN		CHECKED	PAGE:		
Last saved :							ON:		ON:	OF :		
							BY:		BY:			
7		6		5		4		3		2	1	



Company:	TMT	
Title:	PWL37C02-LLC-L6563+L6599	
Rev: ROB	DATE: 2007-11-14	
Designed by:	Checked by:	Approved by:
YangYong		

Power Logic Sequence



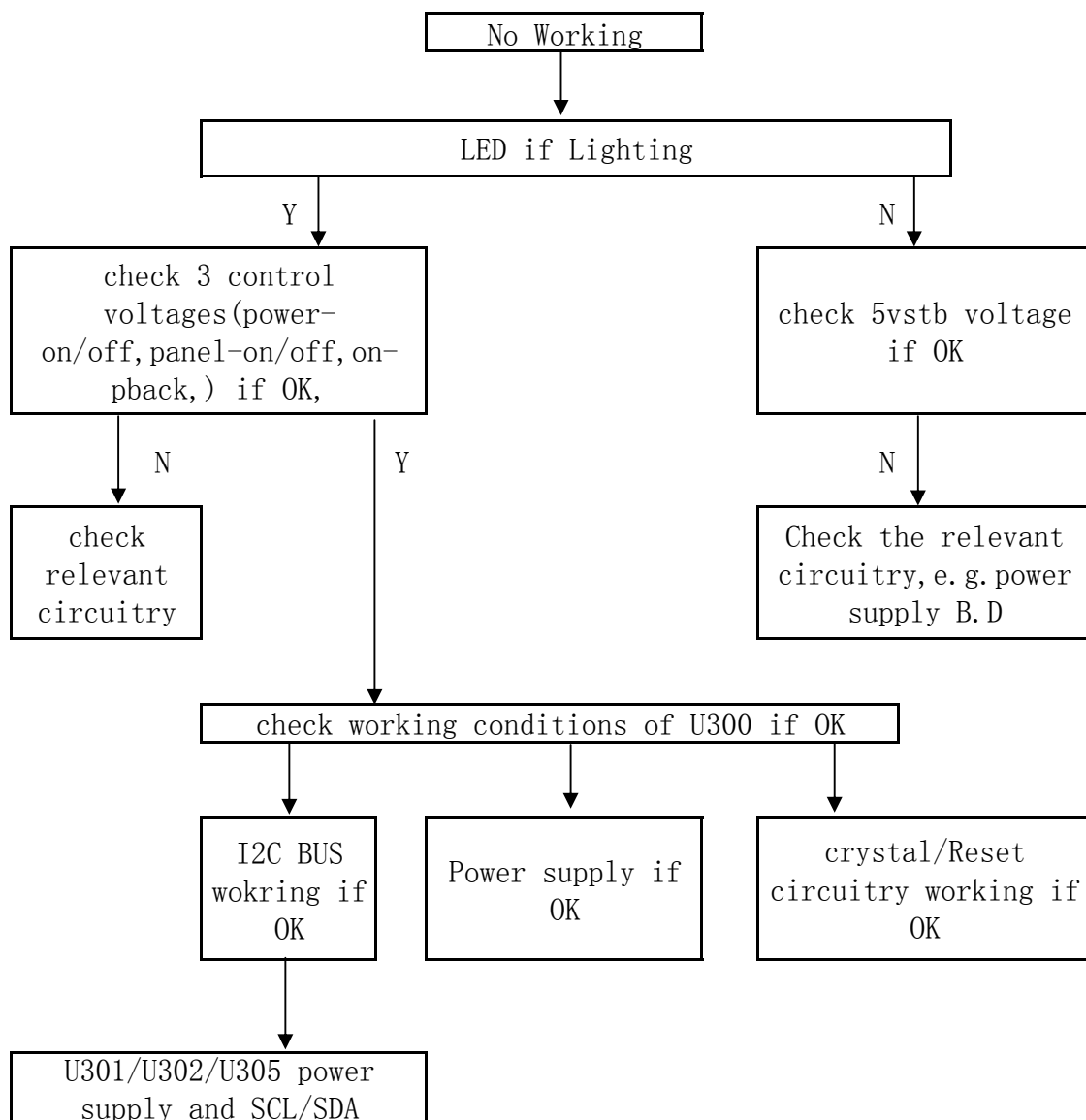


Fig1. No Working

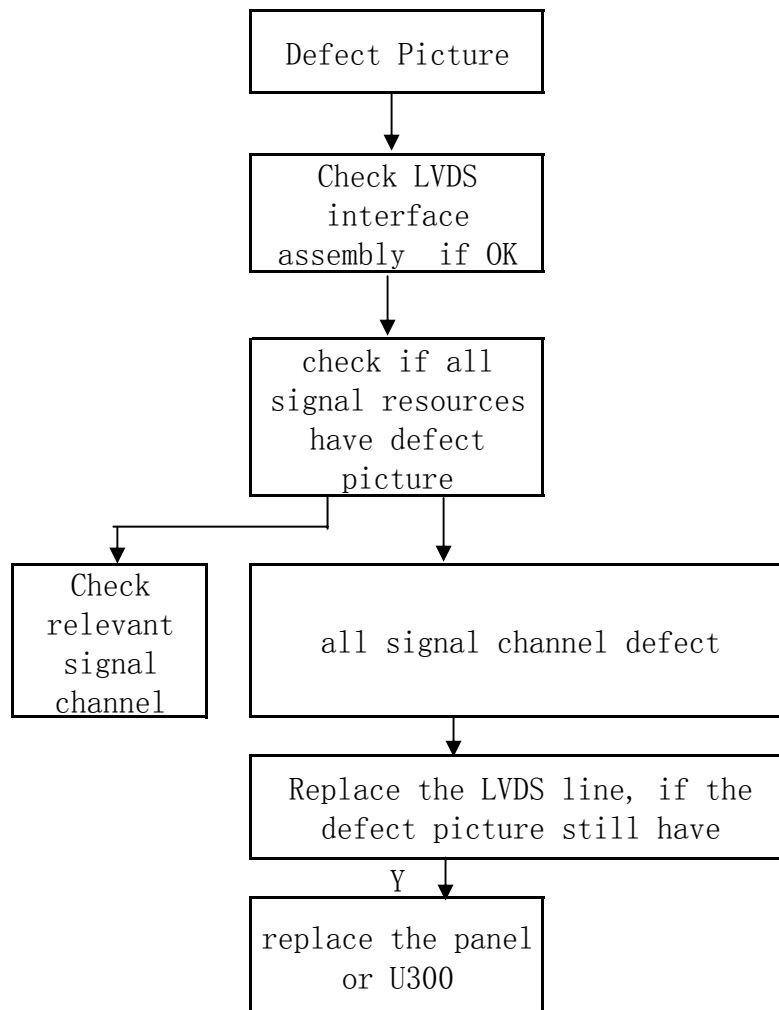


Fig2. Defect Picture

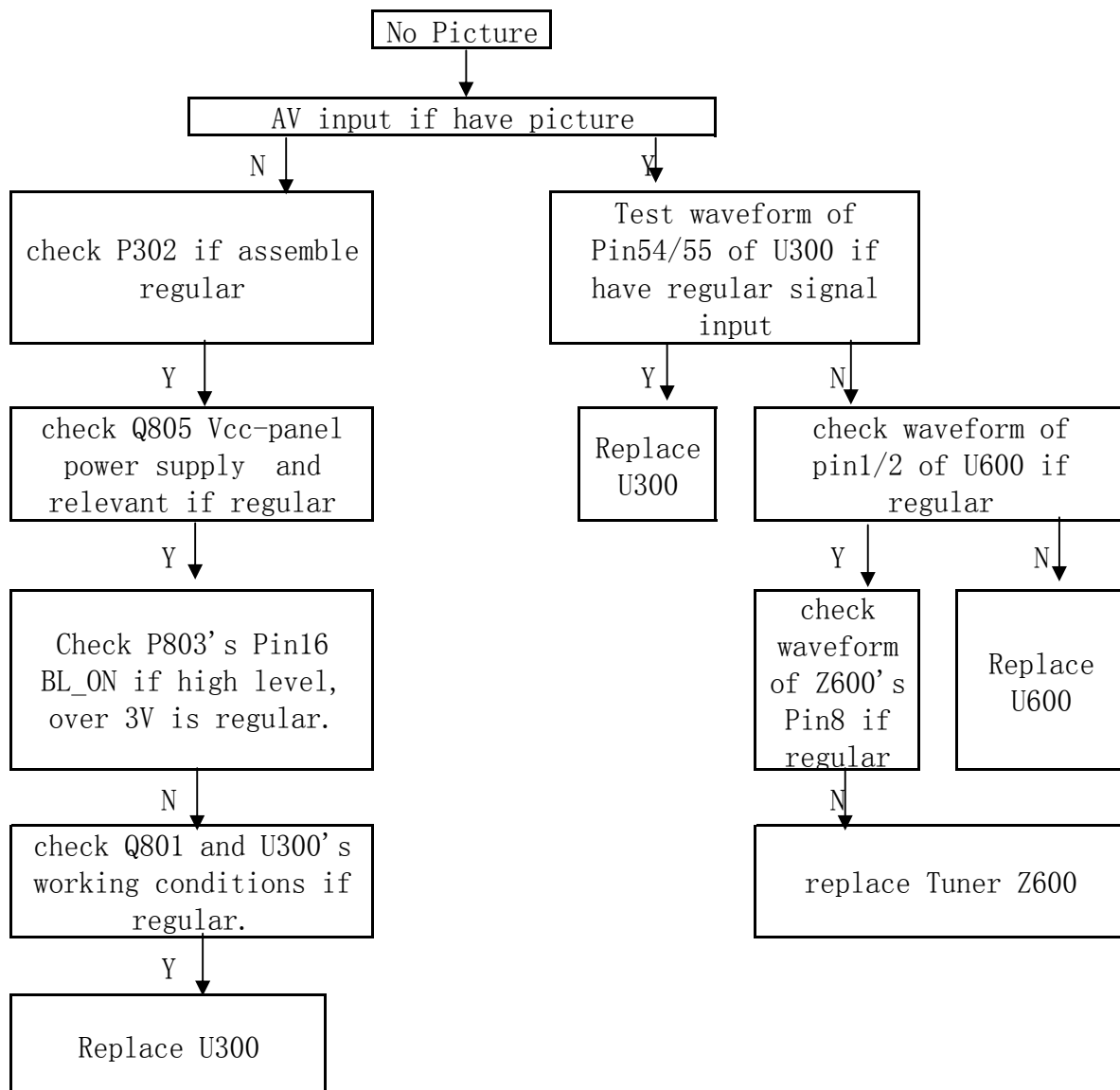


Fig3. No Picutre

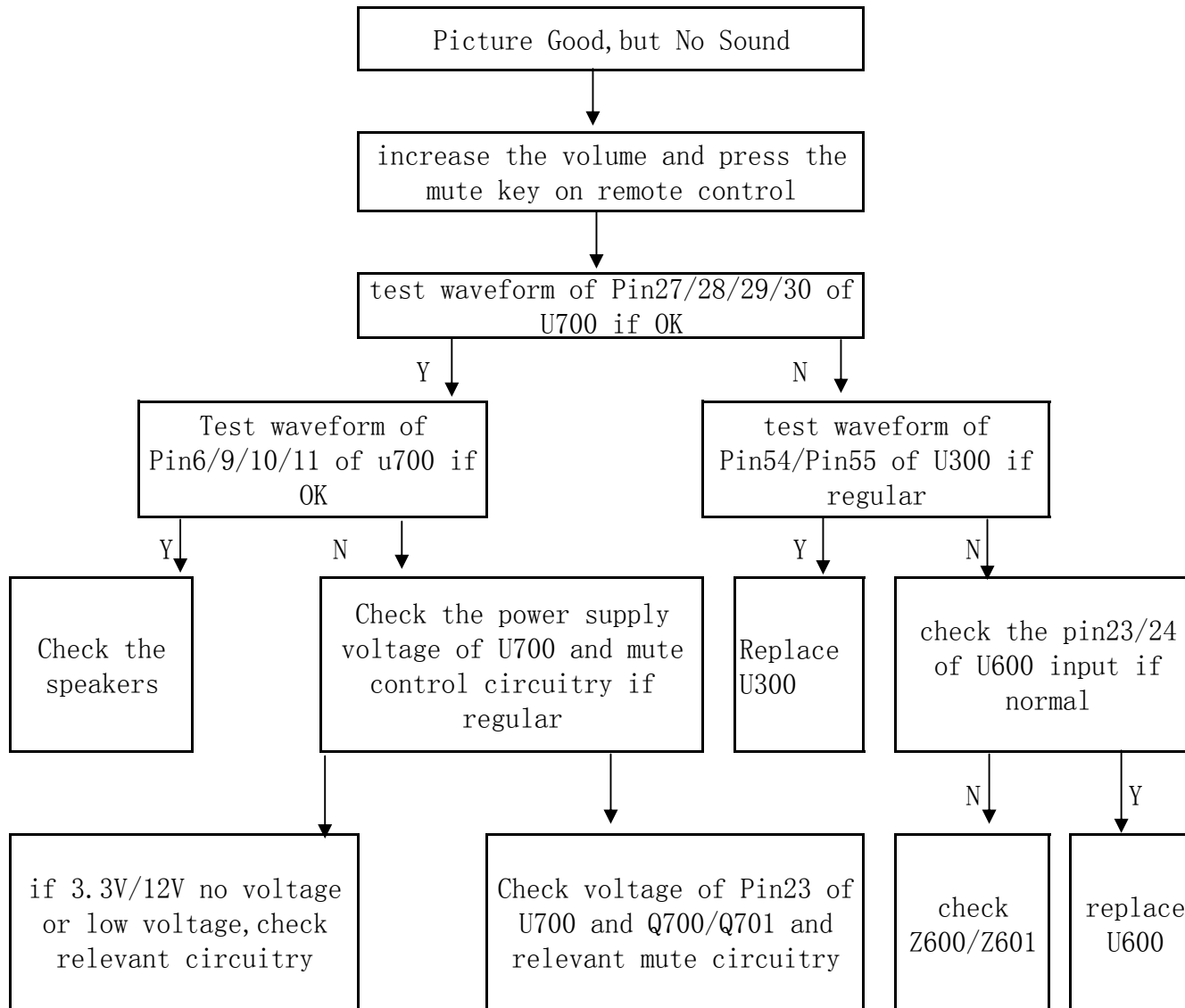


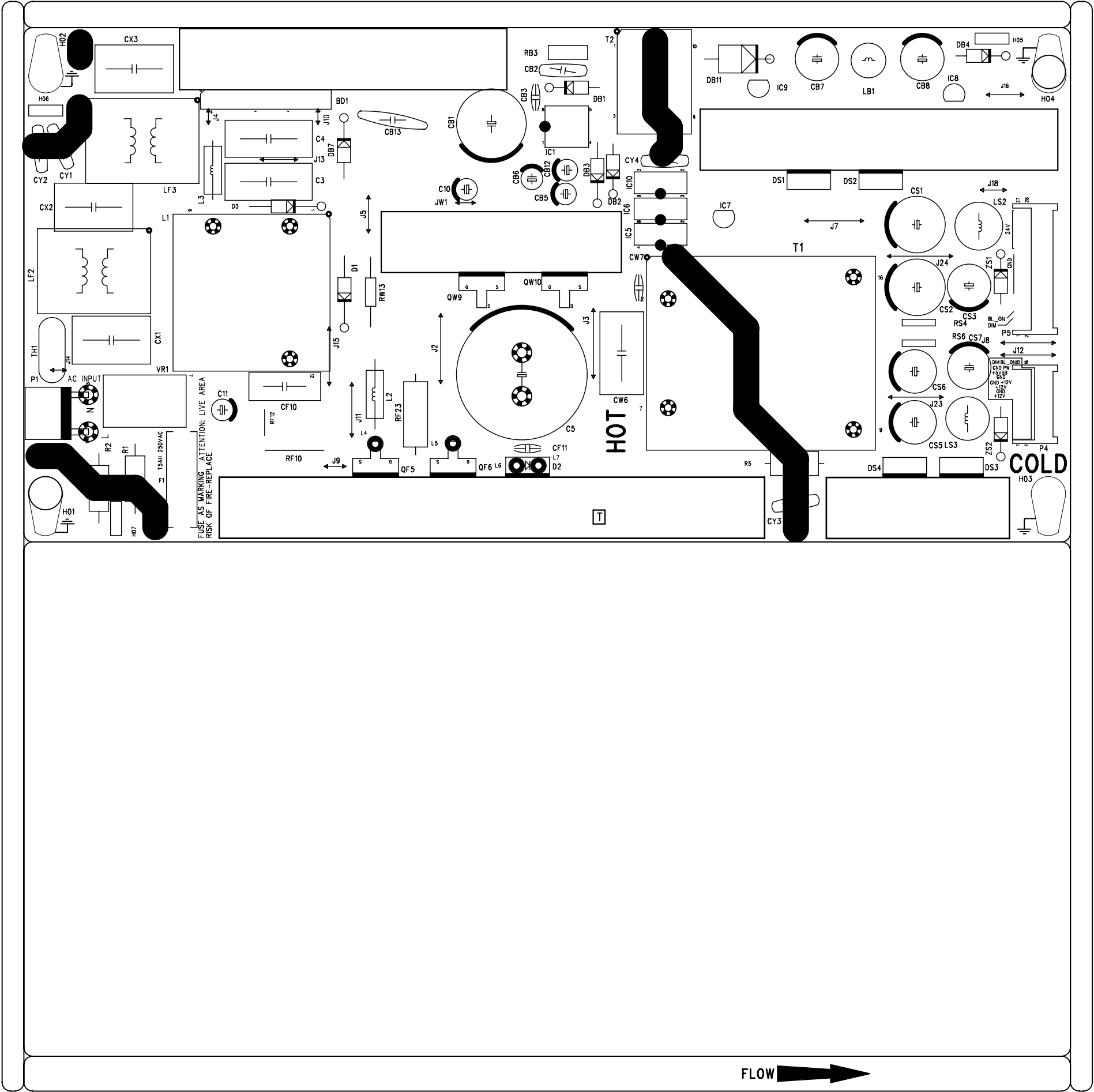
Fig4. Picture OK, but No Sound

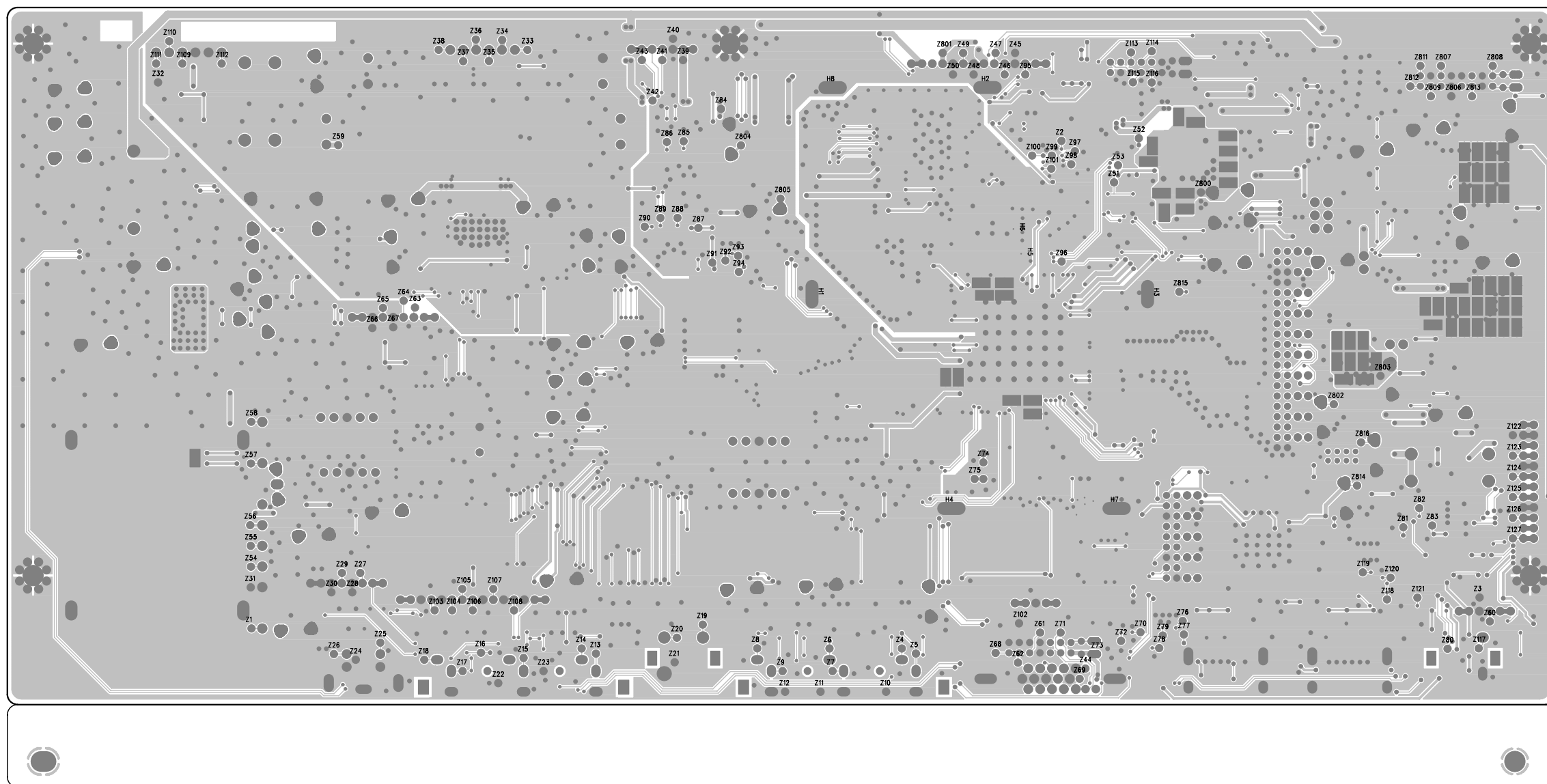
1. check the inverter voltage 24V if supply for Panel,also view the panel if have backlight. If have backlight,it shows that have inverter voltage supply.

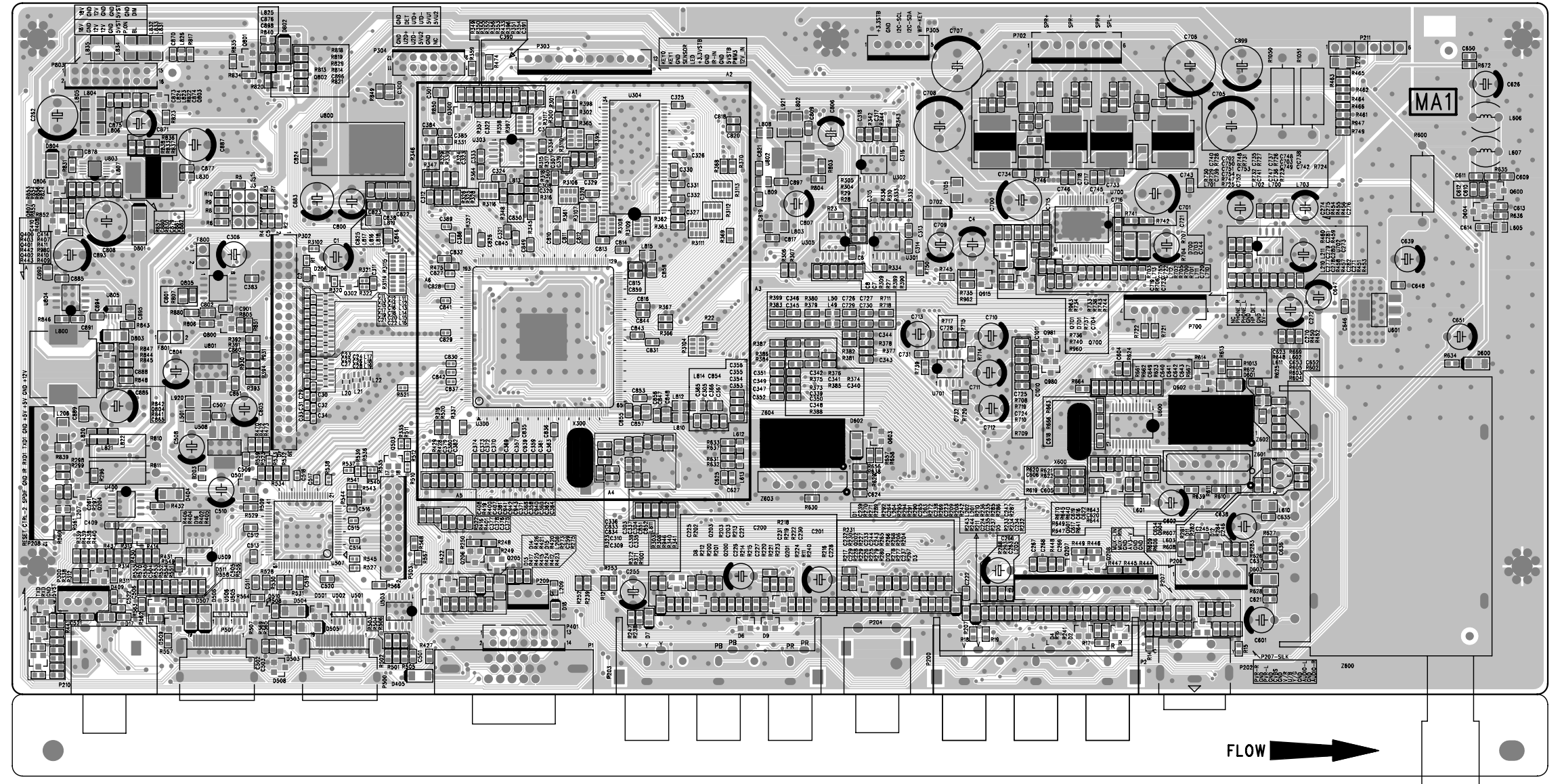
2. Check if have voltage of Vcc-panel for CMO panel. LG-PHILIPS L320W 12V. Some other small size panel is 3.3V.

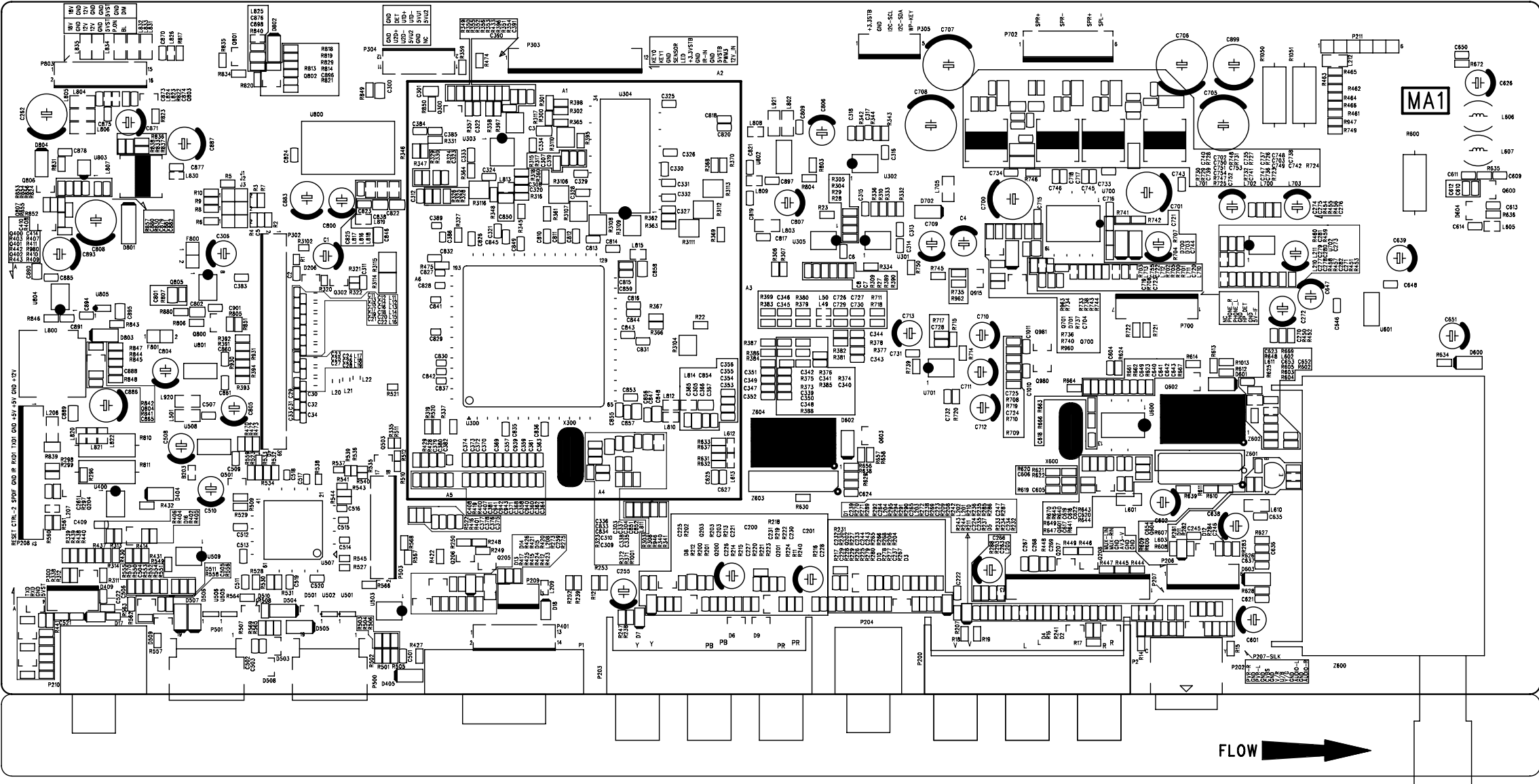
3. Test waveform of LVDS if OK, LVDS OK but no display, replace the panel.

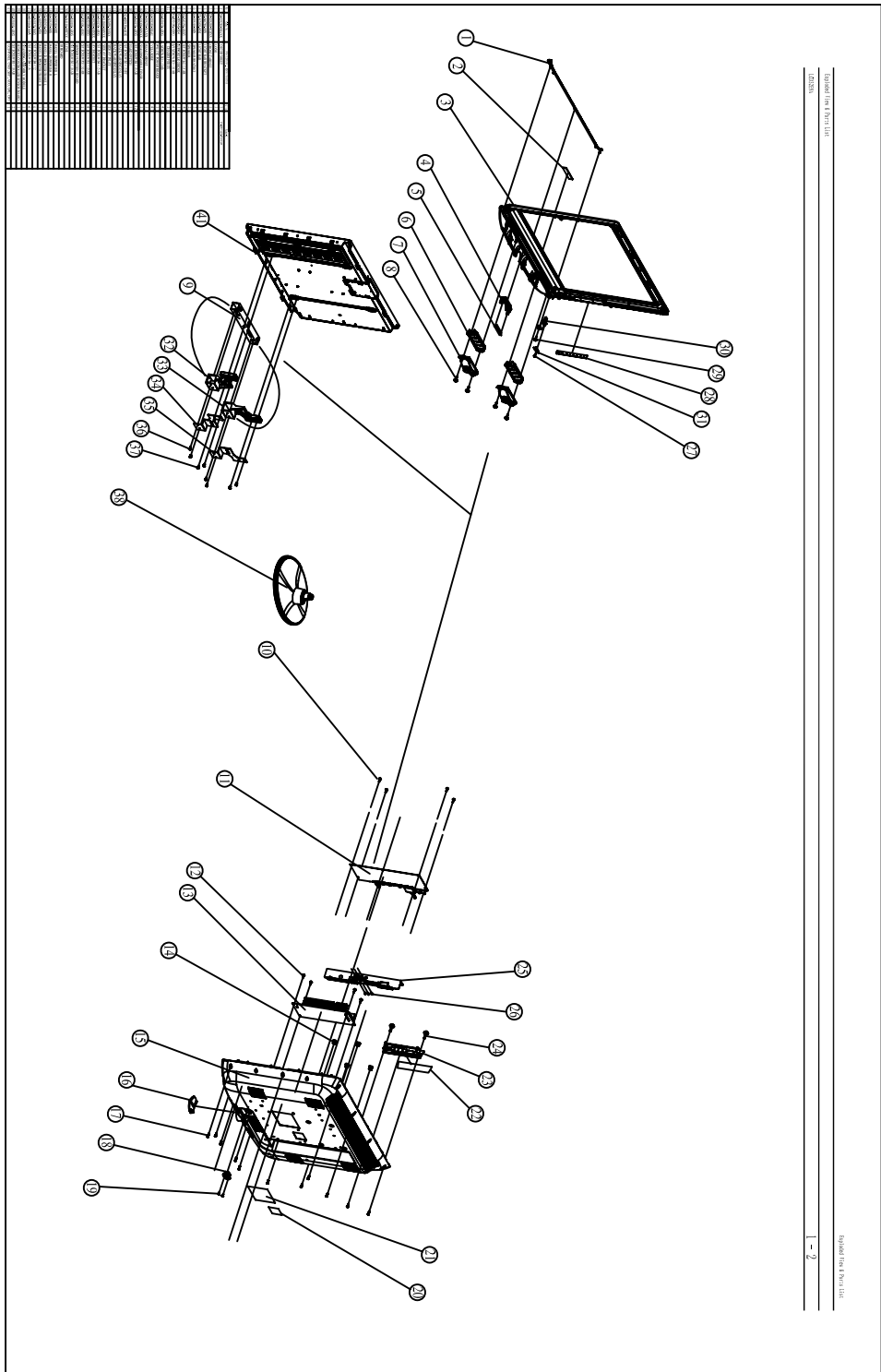
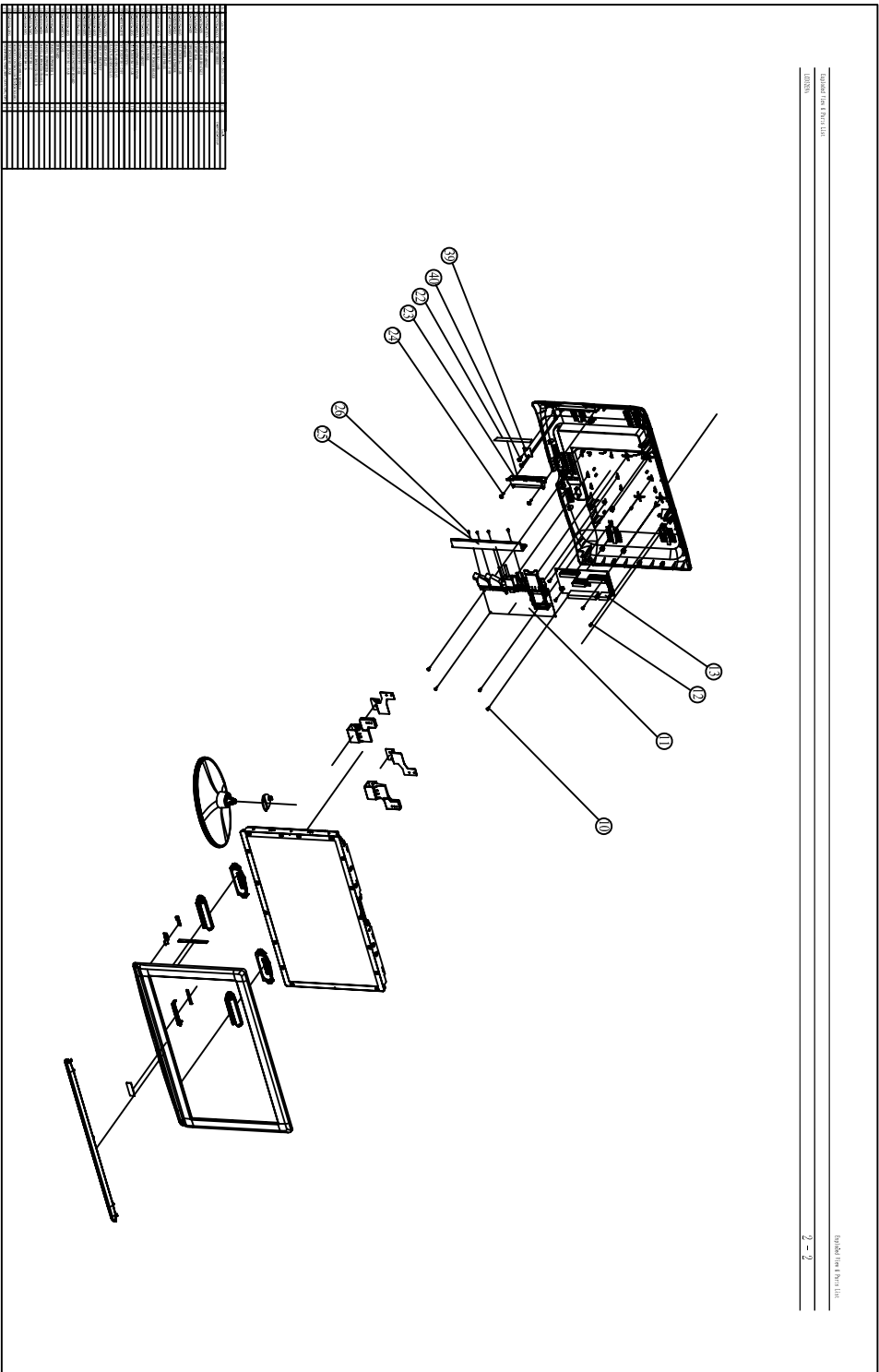
attention: Do no remove off the LVDS connector when the TV working or contact U300 only time,to avoid shock U300.











Attention Please: Under the technology license agreement between MStar and Dolby/SRS/BBE, MStar is obliged not to provide samples that incorporate Dolby/SRS/BBE technology to any third party who is not a qualified licensee of Dolby/SRS/BBE respectively.

FEATURES

- Single display LCD TV controller with PC & multimedia display functions
- Input supports up to SXGA & 1080P
- Panel supports up to UXGA(1600x1200) / WSXGA+(1680x1050)
- TV decoder with 3-D comb filter
- Multi-standard TV sound demodulator and decoder
- 10-bit triple-ADC for TV and RGB/YPbPr
- 10-bit video data processing
- Integrated DVI/HDCP/HDMI compliant receiver
- High-quality scaling engine & 3-D video de-interlacer
- MStarACE-3 picture/color processing engine
- Embedded On-Screen Display (OSD) controller engine
- Built-in MCU supports PWM & GPIO
- Built-in dual-link 8/10-bit LVDS transmitter
- 5-volt tolerant inputs
- Low EMI and power saving features
- 256-pin LQFP
- **NTSC/PAL/SECAM Video Decoder**
 - Supports NTSC M, NTSC-J, NTSC-4.43, PAL (B,D,G,H,M,N,I,Nc), and SECAM
 - Automatic TV standard detection
 - Motion adaptive 3-D comb filter for NTSC/PAL
 - 8 configurable CVBS & Y/C S-video inputs
 - Supports Closed-caption, and V-chip
 - Macrovision detection
 - CVBS video output
- **Video IF for Multi-Standard Analog TV**
 - Digital low IF architecture
 - Stepped-gain PGA with 26 dB tuning range and 1 dB tuning resolution
 - Maximum IF analog gain of 37 dB in additional to digital gain
- Programmable TOP to accommodate different tuner gain to optimize noise and linearity performance
- **Multi-Standard TV Sound Decoder**
 - Supports BTSC/A2/EIA-J demodulation and decoding
 - FM stereo & SAP demodulation
 - L/Rx4, mono, and SIFx2 audio input
 - L/Rx3 loudspeaker and line output
 - Supports sub-woofer output
 - Built-in audio output DAC's
 - Audio processing for loudspeaker channel, including volume, balance, mute, tone, EQ, and virtual stereo/surround
 - Optional advanced surround available (Dolby¹, SRS², BBE³... etc) Note
- **Digital Audio Interface**
 - I²S digital audio input & output
 - S/PDIF digital audio input & output
 - HDMI audio channel processing capability
 - Programmable delay for audio/video synchronization
- **Analog RGB Compliant Input Ports**
 - Three analog ports support up to 150MHz
 - Fast blanking and function selection switch support full SCART functions
 - Supports HDTV RGB/YPbPr/YCbCr up to 1080P
 - Supports Composite Sync and SOG (Sync-on-Green) separator
 - Automatic color calibration
- **DVI/HDCP/HDMI Compliant Input Port**
 - Supports TMDS clock up to 225MHz @ 1080P 60Hz with 12-bit deep-color resolution
 - Single link on-chip DVI 1.0 compliant receiver
 - High-bandwidth Digital Content Protection (HDCP) 1.1 compliant receiver

¹ Trademark of Dolby Laboratories

² Trademark of SRS Labs, Inc.

³ Registered trademark of BBE Sound, Inc.

- High Definition Multimedia Interface (HDMI) 1.3 compliant receiver with CEC support
- Long-cable tolerant robust receiving
- Support HDTV up to 1080P
- **Auto-Configuration/Auto-Detection**
 - Auto input signal format and mode detection
 - Auto-tuning function including phasing, positioning, offset, gain, and jitter detection
 - Sync detection for H/V Sync
- **Digital Video Input**
 - One 4:2:2 ITU-R BT.656 8-bit digital video input port
- **High-Performance Scaling Engines**
 - Fully programmable shrink/zoom capabilities
 - Nonlinear video scaling supports various modes including Panorama
- **Video Processing & Conversion**
 - 3-D motion adaptive video de-interlacer
 - Edge-oriented adaptive algorithm for smooth low-angle edges
 - Automatic 3:2 pull-down & 2:2 pull-down detection and recovery
 - MStar 3rd Generation Advanced Color Engine (MStarACE-3) automatic picture enhancement gives:
 - Brilliant and fresh color
 - Intensified contrast and details
 - Vivid skin tone
 - Sharp edge
 - Enhanced depth of field perception
 - Accurate and independent color control
 - sRGB compliance allows end-user to experience the same colors as viewed on CRTs and other displays
 - Programmable 12-bit RGB gamma CLUT
 - 3-D video noise reduction
 - Frame rate conversion
- **On-Screen OSD Controller**
 - 16/256 color palette
 - 256/512 1-bit/pixel font
 - 128/256 4-bit/pixel font
- Supports texture function
- Supports 4K attribute/code
- Horizontal and vertical stretch of OSD menus
- Pattern generator for production test
- Supports OSD MUX and alpha blending capability
- Supports blinking and scrolling for closed caption applications
- **LVDS/TTL Panel Interface**
 - Supports 8/10-bit dual link LVDS up to UXGA(1600x1200) / WSXGA+(1680x1050)
 - Supports 8-bit single TTL panel
 - Supports 2 data output formats: Thine & TI data mappings
 - Compatible with TIA/EIA
 - With 6/8 bits options
 - Reduced swing for LVDS for low EMI
 - Supports flexible spread spectrum frequency with 360Hz~11.8MHz and up to 25% modulation
- **Integrated Micro Controller**
 - Embedded 8032 micro controller
 - Configurable PWM's and GPIO's
 - Low-speed ADC inputs for system control
 - SPI bus for external flash
 - Supports external MCU option controlled through 4-wire double-data-rate direct MCU bus or 8-bit direct MCU bus
- **External Connection/Component**
 - SD/MMC/MS/MSPRO card reader interface to support JPEG playback
 - Two USB controllers (1.1 OTG and 2.0 host) with the flexibility for connecting external storage devices or PictBridge
 - 16-bit data bus for external frame buffer (SDR or DDR DRAM)
 - All system clocks synthesized from a single external clock

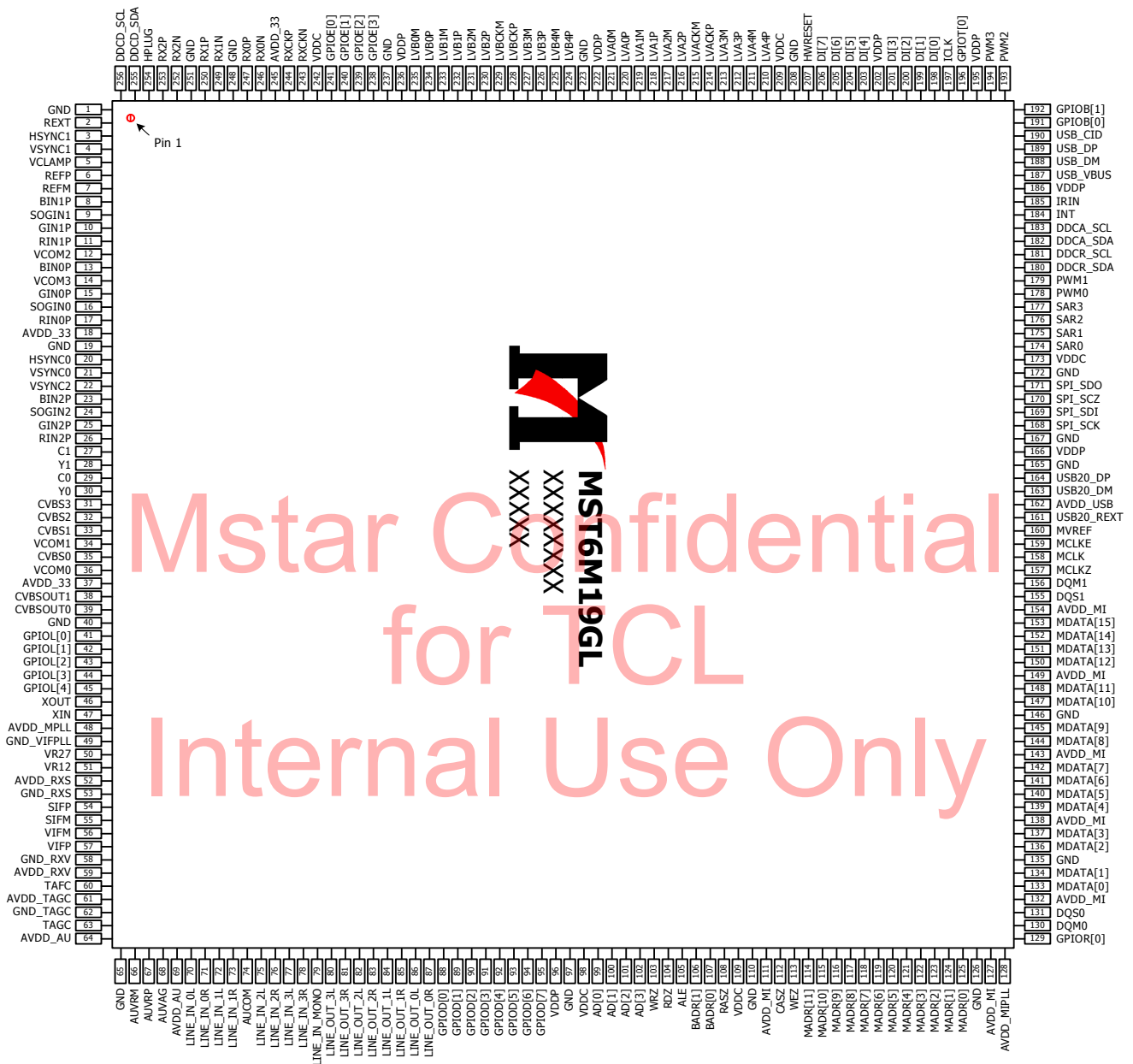
Note: Please see Ordering Guide for details on advanced surround.

GENERAL DESCRIPTION

The MST6M19GL is a high performance and fully integrated IC for multi-function LCD monitor/TV with resolutions up to UXGA(1600x1200) / WSXGA+(1680x1050). It is configured with an integrated triple-ADC/PLL, an integrated DVI/HDCP/HDMI receiver, a multi-standard TV video and audio decoder, a video de-interlacer, a scaling engine, the MStarACE-3 color engine, an on-screen display controller, an 8-bit MCU and a built-in output panel interface. By use of external frame buffer, 3-D video decoding and processing are fulfilled for high-quality TV applications. To further reduce system costs, the MST6M19GL also integrates intelligent power management control capability for green-mode requirements and spread-spectrum support for EMI management.

Mstar Confidential
for TCL
Internal Use Only

PIN DIAGRAM (MST6M19GL)



MATERIAL NO. :		H3-HE9AS5B-AG50	
MATERIAL NAME:		B - L32E9A/MS91-LA/SS4 LCD 32 - - R=N	
WERK:1024		BOM APPLICATION:PP01	
parent	child	description	BOM text
H3-HE9AS5B-AG50	06-019W49-A004X	RCT TCL	
H3-HE9AS5B-AG50	08-PW37C03-PWYA	TV EQU - ASS Y - POWER BD (PWL37C03A) R=N	
08-PW37C03-PWYA	09-55C13V-DTX	SMD. DIODE 13V	DB8
08-PW37C03-PWYA	09-55C13V-DTX	SMD. DIODE 13V	Z1
08-PW37C03-PWYA	09-55C13V-DTX	SMD. DIODE 13V	ZS4
08-PW37C03-PWYA	09-55C27V-DTX	SMD. DIODE 27V/SOD80	ZS5
08-PW37C03-PWYA	09-55C33V-DTX	SMD. DIODE BZV55-C33	DB10
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DF4
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DB9
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DF5
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DS10
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DS11
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DS7
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DS8
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DS9
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DW3
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DW4
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DW6
08-PW37C03-PWYA	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	DW7
08-PW37C03-PWYA	09-GLZ20B-DTX	贴片稳压二极管GLZ20B	DB5
08-PW37C03-PWYA	10-0001H8-FBX	DIODE 1H8 (FAST RECOVERY)	DB1
08-PW37C03-PWYA	10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	DB2
08-PW37C03-PWYA	10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	DB3
08-PW37C03-PWYA	10-0RL255-EBX	DIODE RL255 OR RL206 (POWER RECTIFIER)	D1
08-PW37C03-PWYA	10-0RL255-EBX	DIODE RL255 OR RL206 (POWER RECTIFIER)	D3
08-PW37C03-PWYA	10-SR3100-S0X	RECTIFYING TUBE SR3100	DB11
08-PW37C03-PWYA	10-1N4007-EBX	DIODE 1N4007	DB7
08-PW37C03-PWYA	10-865C08-S7X	D-SCH 80V 20A	DS2
08-PW37C03-PWYA	10-865C08-S7X	D-SCH 80V 20A	DS1
08-PW37C03-PWYA	10-BYV296-F7X	DIODE 9A 600V FORPFC BYV29-600	D2
08-PW37C03-PWYA	10-RS605M-H7X	D-BR 600V 6A	BD1
08-PW37C03-PWYA	10-P6KE6V-8AX	TVS DIODE P6KE6. 8A	DB4
08-PW37C03-PWYA	10-YG865C-S7X	DIODE YG865C06R	DS4
08-PW37C03-PWYA	11-SK3561-0CX	MOSFET 500V 8A	QW9
08-PW37C03-PWYA	11-SK3561-0CX	MOSFET 500V 8A	QW10
08-PW37C03-PWYA	11-SK3568-0CX	TRANSISTOR 2SK3568	QF6
08-PW37C03-PWYA	11-SK3568-0CX	TRANSISTOR 2SK3568	QF5
08-PW37C03-PWYA	12-2N7002-0BX	SMD TRANSISTOR 2N7002	Q1
08-PW37C03-PWYA	12-BT3904-0BX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	QS2
08-PW37C03-PWYA	12-BT3904-0BX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	QS3
08-PW37C03-PWYA	12-BT3906-0BX	SMD. TRANSISTOR MMBT3906LT1 (PNP)	QS1
08-PW37C03-PWYA	12-BT3906-0BX	SMD. TRANSISTOR MMBT3906LT1 (PNP)	QS4
08-PW37C03-PWYA	12-S4160T-0BX	SMD. TRANSISTOR PBSS4160T	Q12
08-PW37C03-PWYA	12-S4160T-0BX	SMD. TRANSISTOR PBSS4160T	QF3
08-PW37C03-PWYA	12-S5160T-0BX	SMD. TRANSISTOR PBSS5160T	Q11
08-PW37C03-PWYA	12-S5160T-0BX	SMD. TRANSISTOR PBSS5160T	QF4

08-PW37C03-PWYA	13-000TL4-31T	IC-REGSPECKT TL431ACLP R=N	IC7
08-PW37C03-PWYA	13-000TL4-31T	IC-REGSPECKT TL431ACLP R=N	IC8
08-PW37C03-PWYA	13-000TL4-31T	IC-REGSPECKT TL431ACLP R=N	IC9
08-PW37C03-PWYA	13-0L6563-00B	IC L6563	IC2
08-PW37C03-PWYA	13-0LM393-M0B	IC LM393M	IC4
08-PW37C03-PWYA	13-L6599D-00B	IC L6599D	IC3
08-PW37C03-PWYA	13-PS2561-WFP	TCL13-PS2561-WFP= PHOTOCOUPLER PS2561L1-	IC10
08-PW37C03-PWYA	13-PS2561-WFP	TCL13-PS2561-WFP= PHOTOCOUPLER PS2561L1-	IC5
08-PW37C03-PWYA	13-PS2561-WFP	TCL13-PS2561-WFP= PHOTOCOUPLER PS2561L1-	IC6
08-PW37C03-PWYA	13-VIPER2-2AP	IC VIPER22ADIP-E	IC1
08-PW37C03-PWYA	18-CD0102-JNX	RES. C.F. 1K OHM 1/4W +/-5%	RF10
08-PW37C03-PWYA	18-CD0684-JNX	RES. C.F. 680K OHM 1/4W +/-5%	RW13
08-PW37C03-PWYA	18-DF0224-JGX1	METAL FILM FIXED RESISTOR 1WS 220KΩ	RB3
08-PW37C03-PWYA	18-KE0106-JN3	RES. GLASS GLAZE 10M OHM 1/2W +/-5%	R1
08-PW37C03-PWYA	18-KE0106-JN3	RES. GLASS GLAZE 10M OHM 1/2W +/-5%	R2
08-PW37C03-PWYA	18-NH0108-JLX	RES. C.C. NKN3W +/-5% 0R1 M15	RF23
08-PW37C03-PWYA	18-P40804-00X	RES. 5m OHM +/-10%	RS4
08-PW37C03-PWYA	18-P40804-00X	RES. 5m OHM +/-10%	RS6
08-PW37C03-PWYA	19-AB0102-FTX	RES SMD 1K OHM 1/10W +/-1% 0603	RB10
08-PW37C03-PWYA	19-AB0102-FTX	RES SMD 1K OHM 1/10W +/-1% 0603	RB11
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RB8
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RS10
08-PW37C03-PWYA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	RS15
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RS2
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RS20
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RS29
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RS34
08-PW37C03-PWYA	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	RS35
08-PW37C03-PWYA	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	RS17
08-PW37C03-PWYA	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	RS18
08-PW37C03-PWYA	19-AB0105-JTX	RES SMD 1M OHM 1/10W 0603	RS8
08-PW37C03-PWYA	19-AB0106-JTX	SMD. RES 10M OHM 1/10W +/-5% 0603	RS36
08-PW37C03-PWYA	19-AB0163-FTX	SMD. RES 16K OHM 1/6W +/-1% 0603	RS12
08-PW37C03-PWYA	19-AB0202-FTX	SMD. RES 2K OHM 1/10W +/-1% 0603	RS14
08-PW37C03-PWYA	19-AB0202-JTX	SMD. RES 2K OHM 1/10W +/-5% 0603	RS16
08-PW37C03-PWYA	19-AB0203-FTX	0603 RES. SMD 20K OHM 1/16W +/-1%	RS26
08-PW37C03-PWYA	19-AB0203-FTX	0603 RES. SMD 20K OHM 1/16W +/-1%	RS25
08-PW37C03-PWYA	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	RS22
08-PW37C03-PWYA	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	RS21
08-PW37C03-PWYA	19-AB0333-FTX	SMD. RES 33K OHM 1/10W +/-1% 0603	RS13
08-PW37C03-PWYA	19-AB0333-JTX	RES. SMD 33K OHM 1/10W 0603	RB9
08-PW37C03-PWYA	19-AB0391-JTX	SMD RES 390 OHM 1/10W 0603	RS28
08-PW37C03-PWYA	19-AB0391-JTX	SMD RES 390 OHM 1/10W 0603	RS23
08-PW37C03-PWYA	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	RS19
08-PW37C03-PWYA	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	RS1
08-PW37C03-PWYA	19-AB0621-FTX	SMD. RES 620 OHM +/-1% 1/10W	RS24
08-PW37C03-PWYA	19-BC0000-JTX	SMD. RES 0 OHM 1/8W +/-5%	RS33
08-PW37C03-PWYA	19-BC0101-JTX	SMD. RES100 OHM 1/8W +/-5%	RW11
08-PW37C03-PWYA	19-BC0101-JTX	SMD. RES100 OHM 1/8W +/-5%	RB7

08-PW37C03-PWYA	19-BC0102-JTX	SMD. RES 1K OHM 1/8W +/-5%	R18
08-PW37C03-PWYA	19-BC0103-FTX	SMD. RES 10K OHM 1/8W +/-1%	RF6
08-PW37C03-PWYA	19-BC0103-JTX	SMD. RES 10K OHM 1/8W +/-5%	RS11
08-PW37C03-PWYA	19-BC0123-JTX	SMD. RES 12K OHM 1/8W +/-5%	RF9
08-PW37C03-PWYA	19-BC0912-FTX	SMD. RES 0805, 1/8W, $\pm 1\%$, 9.1K Ω	RF16
08-PW37C03-PWYA	19-BC0202-JTX	SMD. RES 2K OHM 1/8W +/-5%	RW10
08-PW37C03-PWYA	19-BC0225-JTX	SMD. RES 2.2M OHM 1/8W +/-5%	RW14
08-PW37C03-PWYA	19-BC0241-JTX	SMD. RES 240 OHM 1/8W +/-5%	RW15
08-PW37C03-PWYA	19-BC0331-JTX	SMD. RES 330 OHM 1/8W +/-5%	RW18
08-PW37C03-PWYA	19-BC0332-JTX	SMD. RES 3.3K OHM 1/8W +/-5%	RW12
08-PW37C03-PWYA	19-BC0393-FTX	SMD. RES 39K OHM 1/8W +/-1%	RF3
08-PW37C03-PWYA	19-BC0393-JTX	SMD. RES 39K OHM 1/8W +/-5%	RF8
08-PW37C03-PWYA	19-BC0394-JTX	SMD. RES 390K OHM 1/8W +/-5%	RF7
08-PW37C03-PWYA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R17
08-PW37C03-PWYA	19-BC0472-JTX	SMD. RES 4.7K OHM 1/8W +/-5%	R16
08-PW37C03-PWYA	19-BC0621-FTX	SMD. RES 620 OHM 1/8W +/-1%	RS27
08-PW37C03-PWYA	19-BC0822-FTX	SMD. RES 8.2K OHM 1/8W +/-1%	RW7
08-PW37C03-PWYA	19-BC1272-FTX	SMD. RES 12.7K OHM 1/8W +/-1%	RF13
08-PW37C03-PWYA	19-BC1272-FTX	SMD. RES 12.7K OHM 1/8W +/-1%	RW9
08-PW37C03-PWYA	19-CD0000-JTX	RES. SMD 0 OHM 1206	RF24
08-PW37C03-PWYA	19-CD0000-JTX	RES. SMD 0 OHM 1206	RF25
08-PW37C03-PWYA	19-CD0331-JTX	SMD. RES 330 OHM 1/4W +/-5%	RB6
08-PW37C03-PWYA	19-CD0103-JTX	SMD. RES 10KOHM 1/4W +/-5% 1206	RW4
08-PW37C03-PWYA	19-CD0103-JTX	SMD. RES 10KOHM 1/4W +/-5% 1206	RW3
08-PW37C03-PWYA	19-CD0103-JTX	SMD. RES 10KOHM 1/4W +/-5% 1206	RF22
08-PW37C03-PWYA	19-CD0103-JTX	SMD. RES 10KOHM 1/4W +/-5% 1206	RF21
08-PW37C03-PWYA	19-CD0514-FTX	SMD. RES 510K OHM 1/4W +/-1%	RF11
08-PW37C03-PWYA	18-DB0474-FNX	RES. M. F. 470K OHM 1/6W +/-1%	RF12
08-PW37C03-PWYA	19-CD0564-FTX	1206 REC 560K OHM 1/4W +/-1%	RW6
08-PW37C03-PWYA	19-CD0123-JTX	SMD. RES 12K OHM 1/4W +/-5%	RW5
08-PW37C03-PWYA	19-CD0152-JTX	SMD. RES 1500 OHM 1/4W +/-5% 1206	RS5
08-PW37C03-PWYA	19-CD0152-JTX	SMD. RES 1500 OHM 1/4W +/-5% 1206	RS7
08-PW37C03-PWYA	19-CD0153-JTX	SMD. RES 15 KOHM 1/4W +/-5% 1206	RW16
08-PW37C03-PWYA	19-CD0824-FTX	SMD. RES 820k OHM 1/4W +/-1%	RF15
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF2
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF4
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF5
08-PW37C03-PWYA	19-CD0824-FTX	SMD. RES 820k OHM 1/4W +/-1%	RF14
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF1
08-PW37C03-PWYA	19-CD0470-JTX	SMD. RES 47 OHM 1/4W 5%	RB4
08-PW37C03-PWYA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	R15
08-PW37C03-PWYA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	R7
08-PW37C03-PWYA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	RB1
08-PW37C03-PWYA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	RB13
08-PW37C03-PWYA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	RB2
08-PW37C03-PWYA	19-CD0279-JTX	SMD. RES 2.7 OHM 1/4W +/-5% 1206	RB5
08-PW37C03-PWYA	19-CD0330-JTX	SMD. RES 33 OHM 1/4W +/-5%	RF19
08-PW37C03-PWYA	19-CD0330-JTX	SMD. RES 33 OHM 1/4W +/-5%	RF20
08-PW37C03-PWYA	19-CD0330-JTX	SMD. RES 33 OHM 1/4W +/-5%	RW1
08-PW37C03-PWYA	19-CD0330-JTX	SMD. RES 33 OHM 1/4W +/-5%	RW2
08-PW37C03-PWYA	19-CD0471-JTX	SMD. RES 470 1/4W 5%	RB12

08-PW37C03-PWYA	19-CD0472-JTX	SMD. RES 4.7K OHM 1/4W 5%	R14
08-PW37C03-PWYA	19-CD0472-JTX	SMD. RES 4.7K OHM 1/4W 5%	RS3
08-PW37C03-PWYA	19-CD0472-JTX	SMD. RES 4.7K OHM 1/4W 5%	RS30
08-PW37C03-PWYA	19-CD0472-JTX	SMD. RES 4.7K OHM 1/4W 5%	RS31
08-PW37C03-PWYA	19-CD0472-JTX	SMD. RES 4.7K OHM 1/4W 5%	RS9
08-PW37C03-PWYA	19-CD0473-JTX	SMD. RES 47K OHM 1/4W 5%	RB15
08-PW37C03-PWYA	19-CD0473-JTX	SMD. RES 47K OHM 1/4W 5%	RB16
08-PW37C03-PWYA	19-CD0479-JTX	SMD. RES 4.7 OHM 1/4W +/-5%	RF17
08-PW37C03-PWYA	19-CD0100-JTX	RES. MELF 10 OHM 1/4W +/-5%	RF18
08-PW37C03-PWYA	22-NTC309-XX1	NTC. RES 3D2-14	TH1
08-PW37C03-PWYA	22-VDR561-XG2	VARISTOR RESISTANCE 14D561K-M	VR1
08-PW37C03-PWYA	25-GCA102-M1X	CAP. ELEC 1000 UF 16V +/-20% 105	CS5
08-PW37C03-PWYA	25-GCA102-M1X	CAP. ELEC 1000 UF 16V +/-20% 105	CB8
08-PW37C03-PWYA	25-GCA102-M1X	CAP. ELEC 1000 UF 16V +/-20% 105	CS6
08-PW37C03-PWYA	25-GCA102-M1X	CAP. ELEC 1000 UF 16V +/-20% 105	CS7
08-PW37C03-PWYA	25-GEA102-M1X	CAP. ELEC 1000UF 35V +/-20%	CS1
08-PW37C03-PWYA	25-GEA102-M1X	CAP. ELEC 1000UF 35V +/-20%	CS2
08-PW37C03-PWYA	25-GEA471-M1X	CAP. ELEC 470 UF 35V +/-20%	CS3
08-PW37C03-PWYA	25-GFB220-M1X	CAP. ELEC 22UF/50V RGA220M1HTA-0511	C10
08-PW37C03-PWYA	25-GFB220-M1X	CAP. ELEC 22UF/50V RGA220M1HTA-0511	C11
08-PW37C03-PWYA	25-GFB220-M1X	CAP. ELEC 22UF/50V RGA220M1HTA-0511	CB12
08-PW37C03-PWYA	25-GFB220-M1X	CAP. ELEC 22UF/50V RGA220M1HTA-0511	CB5
08-PW37C03-PWYA	25-GFB220-M1X	CAP. ELEC 22UF/50V RGA220M1HTA-0511	CB6
08-PW37C03-PWYA	25-GNJ151-M1X	CAP. ELEC 150UF 450V +/-20% (30X30)	C5
08-PW37C03-PWYA	25-KNA220-M1X	CAP. ELEC 450V 22UF	CB1
08-PW37C03-PWYA	25-NCA102-M1X	CE 105 HIGH RIPPLE & LR 0.001F 16V	CB7
08-PW37C03-PWYA	26-AIL103-MEX	CAP. CER 10NF 500V +/-20%	CB13
08-PW37C03-PWYA	26-AKL103-MFX	CAP. CER 10 NF 1KVDC +/-20%	CB2
08-PW37C03-PWYA	26-AKM101-KRX	CAP. CER 100PF 1KV +/-10%	CB3
08-PW37C03-PWYA	26-AKM221-KRX	CAP. CER 220 PF 1KV +/-10%	CW7
08-PW37C03-PWYA	26-AMM221-KRX	CAP. CER 220PF 2KV +/-10%	CF11
08-PW37C03-PWYA	26-APK102-ME3	CAP. CER 1000PF 400VAC +/-20% E	CY4
08-PW37C03-PWYA	26-APK471-KB4	TCL26-APK471-KB4= CAP. CER 470 PF 400VAC	CY1
08-PW37C03-PWYA	26-APK471-KB4	TCL26-APK471-KB4= CAP. CER 470 PF 400VAC	CY2
08-PW37C03-PWYA	27-AKQ333-JOB	CAP. PP 33N/1KV+/-5%	CW6
08-PW37C03-PWYA	27-AQQ684-KV6	CFS 0.68UF 275V X2	CX1
08-PW37C03-PWYA	27-AQQ474-KV3	FILM CAP. 0.47UF 275VAC	CX2
08-PW37C03-PWYA	27-AWQ474-JOX	CAP. PP 470NF 450V +/-5%	C3
08-PW37C03-PWYA	27-AWQ474-JOX	CAP. PP 470NF 450V +/-5%	C4
08-PW37C03-PWYA	27-MHW104-KOX	CAP. M. P. E 0.1 UF 400V +/-10%	CF10
08-PW37C03-PWYA	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	CS9
08-PW37C03-PWYA	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	CS22
08-PW37C03-PWYA	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	CS10
08-PW37C03-PWYA	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	CS14
08-PW37C03-PWYA	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	CS13
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS21
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS20
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS15
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS12
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS11

08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS19
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS18
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS17
08-PW37C03-PWYA	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	CS16
08-PW37C03-PWYA	28-BB0103-KBX	SMD. CAP 10NF 50V +/-10% 0805	CF2
08-PW37C03-PWYA	28-BB0103-KBX	SMD. CAP 10NF 50V +/-10% 0805	CF9
08-PW37C03-PWYA	28-BB0103-KBX	SMD. CAP 10NF 50V +/-10% 0805	CW20
08-PW37C03-PWYA	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	CW4
08-PW37C03-PWYA	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	CW5
08-PW37C03-PWYA	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	CW22
08-PW37C03-PWYA	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	CF7
08-PW37C03-PWYA	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	CB9
08-PW37C03-PWYA	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	CW9
08-PW37C03-PWYA	28-BB0104-ZFX	SMD CAP. 0.1 UF 50V +80/-20% 0805	CS8
08-PW37C03-PWYA	28-BB0104-ZFX	SMD CAP. 0.1 UF 50V +80/-20% 0805	CB10
08-PW37C03-PWYA	28-BB0104-ZFX	SMD CAP. 0.1 UF 50V +80/-20% 0805	CB11
08-PW37C03-PWYA	28-BB0104-ZFX	SMD CAP. 0.1 UF 50V +80/-20% 0805	CS4
08-PW37C03-PWYA	28-BB0471-JCX	SMD. CAP 470PF 50V +/-5%	CW23
08-PW37C03-PWYA	28-BB0473-KBX	CAP.SMD 0.047UF 50V B +/-10%	CB4
08-PW37C03-PWYA	28-BB0681-JCX	SMD CAP 680PF 50V +/-5% 0805	CF4
08-PW37C03-PWYA	28-BC0474-KBX	SMD. CAP 470 NF 16VDC +/-10% 0805	CF3
08-PW37C03-PWYA	28-BA0475-KBX	SMD. CAP 4.7UF +/-10%10V (188605656)	CW21
08-PW37C03-PWYA	28-BD0105-KBX	SMD. CAP. 25V 1UF +/-10%	CF8
08-PW37C03-PWYA	28-BD0105-ZFX	SMD CAP 1UF 25V +80-20%	CF5
08-PW37C03-PWYA	28-BD0105-ZFX	SMD CAP 1UF 25V +80-20%	CF1
08-PW37C03-PWYA	28-BD0105-ZFX	SMD CAP 1UF 25V +80-20%	CW3
08-PW37C03-PWYA	28-BD0105-ZFX	SMD CAP 1UF 25V +80-20%	CF6
08-PW37C03-PWYA	35-FB1690-304	MAGNETIC CORE	FOR D2 正负极
08-PW37C03-PWYA	35-FB1690-304	MAGNETIC CORE	FOR QF5 D极
08-PW37C03-PWYA	35-FB1690-304	MAGNETIC CORE	FOR QF6 D极
08-PW37C03-PWYA	35-LB1011-0IX	FERR BEAD BF-I40110Z-719	L3
08-PW37C03-PWYA	36-LIF152-XX0	PFC COIL. JLC3574	L1
08-PW37C03-PWYA	36-LIF153-XX0	LINE FILTER LGH-(9X2)MH	LF2
08-PW37C03-PWYA	36-LIF153-XX0	LINE FILTER LGH-(9X2)MH	LF3
08-PW37C03-PWYA	36-TRF301-LX0	TRANSFORMER CONV. BCK-25-002T	T2
08-PW37C03-PWYA	36-TRF315-LX0	TRANSFORMER CONV BCK-35-499D	T1
08-PW37C03-PWYA	36-WID249-XX0	COIL WIDTH 2.4UH FLC0514	LS2
08-PW37C03-PWYA	36-WID229-XX0	COIL WIDTH LC-2R2-TCL	LB1
08-PW37C03-PWYA	36-WID629-XX0	COIL WIDTH LC-6R2-TCL	LS3
08-PW37C03-PWYA	40-5PL37C-PWB1XG	TV PCB PW BD R=Y	
08-PW37C03-PWYA	41-WJ0050-B00	TCL41-WJ0050-B00= WIRE BARE JUMPER 5MM R	J4
08-PW37C03-PWYA	41-WJ0050-B00	TCL41-WJ0050-B00= WIRE BARE JUMPER 5MM R	J10
08-PW37C03-PWYA	41-WJ0060-B00	WIRE-BARE	JW1
08-PW37C03-PWYA	41-WJ0075-B00	WIREBAREJUMPER7.5MM	J9
08-PW37C03-PWYA	41-WJ0075-B00	WIREBAREJUMPER7.5MM	J16
08-PW37C03-PWYA	41-WJ0150-B00	WIREBAREJUMPER15MM	J1
08-PW37C03-PWYA	41-WJ0100-B00	WIREBAREJUMPER10MM	J13
08-PW37C03-PWYA	41-WJ0100-B00	WIREBAREJUMPER10MM	J5
08-PW37C03-PWYA	41-WJ0135-B00	WIREBAREJUMPER13.5MM	J23
08-PW37C03-PWYA	41-WJ0140-B00	WIREBAREJUMPER14MM	J11

08-PW37C03-PWYA	41-WJ0080-B00	WIREBAREJUMPER8MM	J18
08-PW37C03-PWYA	41-WJ0150-B00	WIREBAREJUMPER15MM	J7
08-PW37C03-PWYA	41-WJ0165-B00	WIREBAREJUMPER16.5MM	J24
08-PW37C03-PWYA	41-WJ0175-B00	WIREBAREJUMPER17.5MM	J2
08-PW37C03-PWYA	41-WJ0175-B00	WIREBAREJUMPER17.5MM	L2
08-PW37C03-PWYA	41-WJ0175-B00	WIREBAREJUMPER17.5MM	J3
08-PW37C03-PWYA	46-35087W-01XG	PIN BASE *1 187	H07
08-PW37C03-PWYA	46-35087W-01XG	PIN BASE *1 187	H06
08-PW37C03-PWYA	46-35087W-01XG	PIN BASE *1 187	H05
08-PW37C03-PWYA	46-38604W-16XG	PIN BASE TU2005WNR-2X8	P4
08-PW37C03-PWYA	46-38604W-28XG	CONN EH 28 2.54MM FEMALE R	P5
08-PW37C03-PWYA	46-39219W-03XG	PIN BASE VH-3AW	P1
08-PW37C03-PWYA	50-05000D-6GS3G	FUSE 5A 250V	F1
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR QW9
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR BD1
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR D2
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR DS1
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR DS2
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR QF5
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR QF6
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR QW10
08-PW37C03-PWYA	64-Z30080-112G	MACHINE SCREW	FOR HS
08-PW37C03-PWYA	66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	FOR T1
08-PW37C03-PWYA	66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	FOR L1
08-PW37C03-PWYA	66-343740-0B0	HOLLOW RIVET (2.3MMX4.0MMX3.5MM)	FOR P1
08-PW37C03-PWYA	66-343740-0B0	HOLLOW RIVET (2.3MMX4.0MMX3.5MM)	FOR C5
08-PW37C03-PWYA	67-H83829-0A0	RAW HEATSINK -- 00 00 R=Y	FOR DS4
08-PW37C03-PWYA	67-H83829-1A0	RAW HEATSINK -- 01 00 R=Y	FOR QF5 & QF6 & D2
08-PW37C03-PWYA	67-H83829-2A0	RAW HEATSINK -- 02 00 R=Y	FOR DS1 & DS2
08-PW37C03-PWYA	67-H83829-3A0	RAW HEATSINK -- 03 00 R=Y	FOR QW9 & QW10
08-PW37C03-PWYA	67-H83829-4A0	RAW HEATSINK -- 04 00 R=Y	FOR BD1
08-PW37C03-PWYA	67-M60442-0E0	METAL PART	H01
08-PW37C03-PWYA	67-M60442-0E0	METAL PART	H02
08-PW37C03-PWYA	67-M60442-0E0	METAL PART	H03
08-PW37C03-PWYA	67-M60442-0E0	METAL PART	H04
08-PW37C03-PWYA	64-B30080-104G	M/C SCREW B 3 X 8	FOR DS4
08-PW37C03-PWYA	19-CD0470-JTX	SMD. RES 47 OHM 1/4W 5%	RB17
08-PW37C03-PWYA	41-WJ0150-B00	WIREBAREJUMPER15MM	J8
08-PW37C03-PWYA	28-BB0105-ZFX	SMD. CAP 1UF 50V +80%-20%	CS23
08-PW37C03-PWYA	28-BB0105-ZFX	SMD. CAP 1UF 50V +80%-20%	CS24
08-PW37C03-PWYA	09-MBRX14-STX	DIODE MBRX140	D4
08-PW37C03-PWYA	66-20516X-0B0	FUSE HOLDER	FOR F1
08-PW37C03-PWYA	18-KE0684-JNX	RES. GLASS GLAZE 680K 1/2W +/-5%	R5
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF26
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF27
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF31
08-PW37C03-PWYA	19-CD0105-FTX	SMD. RES 1M OHM 1/4W +/-1% 1206	RF32
08-PW37C03-PWYA	19-CD0684-FTX	SMD. RES 680K OHM 1/4W +/-1%	RW17
08-PW37C03-PWYA	41-WJ0150-B00	WIREBAREJUMPER15MM	J15
08-PW37C03-PWYA	19-CD0514-FTX	SMD. RES 510K OHM 1/4W +/-1%	RF29
08-PW37C03-PWYA	19-CD0514-FTX	SMD. RES 510K OHM 1/4W +/-1%	RF30

08-PW37C03-PWYA	19-CD0824-FTX	SMD. RES 820k OHM 1/4W +/-1%	RF28
08-PW37C03-PWYA	26-APK471-KB4	TCL26-APK471-KB4= CAP. CER 470 PF 400VAC	CY3
08-PW37C03-PWYA	71-PHIBAR-NUL1A	TV PRI LABEL BARCODE -- R=Y	
08-PW37C03-PWYA	71-268390-0A0AF	LABEL (QC) GREEN	
H3-HE9AS5B-AG50	T8-HE9AN5B-IR1	ASS'Y - INFRARED RECEIVE BDEQU	
T8-HE9AN5B-IR1	02-IRR002-XX1	TCL02-IRR002-XX1= IR RECEIVER MODULE FPS	U29
T8-HE9AN5B-IR1	25-HCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	C118
T8-HE9AN5B-IR1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C253
T8-HE9AN5B-IR1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C254
T8-HE9AN5B-IR1	40-LM46E9-IRB1XG	TV PCB IR BD R=Y	
T8-HE9AN5B-IR1	46-35135W-03XG	PIN BASE PH-03AW	P1
T8-HE9AN5B-IR1	59-829580-000	RUBBER PAD	FOR U29
H3-HE9AS5B-AG50	T8-HE9AN5B-KE1	ASS'Y - KEY BDEQU	
T8-HE9AN5B-KE1	09-4148WS-ATX	SMD. DIODE 1N4148WS	D806
T8-HE9AN5B-KE1	09-4148WS-ATX	SMD. DIODE 1N4148WS	D805
T8-HE9AN5B-KE1	09-4148WS-ATX	SMD. DIODE 1N4148WS	D804
T8-HE9AN5B-KE1	09-4148WS-ATX	SMD. DIODE 1N4148WS	D803
T8-HE9AN5B-KE1	09-4148WS-ATX	SMD. DIODE 1N4148WS	D802
T8-HE9AN5B-KE1	09-4148WS-ATX	SMD. DIODE 1N4148WS	D801
T8-HE9AN5B-KE1	13-C21434-LFB	IC CAPSENSE IC	U801
T8-HE9AN5B-KE1	15-LED32R-XX0	LED-SMD 2V 0.08A	LED804
T8-HE9AN5B-KE1	15-LED32R-XX0	LED-SMD 2V 0.08A	LED805
T8-HE9AN5B-KE1	15-LED32R-XX0	LED-SMD 2V 0.08A	LED806
T8-HE9AN5B-KE1	15-LED32R-XX0	LED-SMD 2V 0.08A	LED807
T8-HE9AN5B-KE1	15-LED32R-XX0	LED-SMD 2V 0.08A	LED808
T8-HE9AN5B-KE1	15-LED32R-XX0	LED-SMD 2V 0.08A	LED803
T8-HE9AN5B-KE1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R832
T8-HE9AN5B-KE1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R835
T8-HE9AN5B-KE1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R829
T8-HE9AN5B-KE1	19-AB0182-FTX	SMD. RES 1.8K OHM 1/10W +/-1%	R833
T8-HE9AN5B-KE1	19-AB0182-FTX	SMD. RES 1.8K OHM 1/10W +/-1%	R836
T8-HE9AN5B-KE1	19-AB0201-JTX	SMD. RES 200 OHM 1/10W +/-5% 0603	R828
T8-HE9AN5B-KE1	19-AB0201-JTX	SMD. RES 200 OHM 1/10W +/-5% 0603	R827
T8-HE9AN5B-KE1	19-AB0201-JTX	SMD. RES 200 OHM 1/10W +/-5% 0603	R826
T8-HE9AN5B-KE1	19-AB0201-JTX	SMD. RES 200 OHM 1/10W +/-5% 0603	R825
T8-HE9AN5B-KE1	19-AB0201-JTX	SMD. RES 200 OHM 1/10W +/-5% 0603	R824
T8-HE9AN5B-KE1	19-AB0201-JTX	SMD. RES 200 OHM 1/10W +/-5% 0603	R822
T8-HE9AN5B-KE1	19-AB0392-FTX	SMD. RES 3.9K OHM 1/10W +/-1%	R834
T8-HE9AN5B-KE1	19-AB0392-FTX	SMD. RES 3.9K OHM 1/10W +/-1%	R837
T8-HE9AN5B-KE1	28-AB0562-KBX	SMD. CAP 5600 PF 50V +/-10%	C1
T8-HE9AN5B-KE1	28-AC0104-KBX	CAP. M. PE 100NF 16V +/-10% 20947390	C803
T8-HE9AN5B-KE1	28-AC0474-KBX	SMD. CAP 0.47UF 16V +/-10%	C802
T8-HE9AN5B-KE1	28-BA0225-ZFX	SMD. CAP 10V 2.2UF +80% -20%	C805
T8-HE9AN5B-KE1	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	FB801
T8-HE9AN5B-KE1	40-M46K73-KEE2XG	TV PCB KE BD R=Y	
T8-HE9AN5B-KE1	46-40300W-06XG	CONN SMT 6 FEMALE R	P801
H3-HE9AS5B-AG50	T8-HE9AN5B-LE1	ASS'Y - LED CONTROL BDEQU	
T8-HE9AN5B-LE1	11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	Q301
T8-HE9AN5B-LE1	18-CB0472-JNX	CARBON RES. C.F. 4.7K OHM 1/6W +/-5%	R375
T8-HE9AN5B-LE1	18-CB0560-JNX	RES. C.F. 56 OHM 1/6W +/-5%	R364

T8-HE9AN5B-LE1	40-LM46E9-LEA1XG	TV PCB LE BD R=Y	
T8-HE9AN5B-LE1	41-WJ0050-B00	TCL41-WJ0050-B00= WIRE BARE JUMPER 5MM R	J301
T8-HE9AN5B-LE1	46-35135W-04XG	PIN BASE PH-04AW	P302
T8-HE9AN5B-LE1	46-38604W-12XG	PIN BASE TU2005WNR-2X6	P301
H3-HE9AS5B-AG50	T8-LE9BS5B-SI1	TV EQU - ASS Y - SIDE AV BD R=N	
T8-LE9BS5B-SI1	09-D5V0S1-BAB	SMD.DOIDE PESD5V0S1BA	D46
T8-LE9BS5B-SI1	13-TR5V0U-4DB	IC-PROTECT PRTR5V0U4D R=Y	U901
T8-LE9BS5B-SI1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R186
T8-LE9BS5B-SI1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	L61
T8-LE9BS5B-SI1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R370
T8-LE9BS5B-SI1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R369
T8-LE9BS5B-SI1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R197
T8-LE9BS5B-SI1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R189
T8-LE9BS5B-SI1	22-PTC068-XX1S	PPTC(SMD) KMC 5S200	R101
T8-LE9BS5B-SI1	22-VDR270-XX1	VARISTOR RES. EZJZ1V270RA	R105
T8-LE9BS5B-SI1	22-VDR270-XX1	VARISTOR RES. EZJZ1V270RA	R104
T8-LE9BS5B-SI1	25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	C190
T8-LE9BS5B-SI1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C193
T8-LE9BS5B-SI1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C189
T8-LE9BS5B-SI1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C191
T8-LE9BS5B-SI1	40-MS91E9-SIB1XG	TV PCB SI BD R=Y	
T8-LE9BS5B-SI1	46-35199W-03XG	PIN BASE *3 PITCH=2.0MM	P4
T8-LE9BS5B-SI1	46-35199W-05XG	CONN. PH-5A 5PIN PITCH=2.0MM	J902
T8-LE9BS5B-SI1	46-38605W-06XG	6PIN BASE	P1
T8-LE9BS5B-SI1	47-EAR005-XX0	EARPHONE SOCKET CK3-3.5-3WK-E	P2
T8-LE9BS5B-SI1	47-RCA009-XX4G	AV SOCKET	P5
T8-LE9BS5B-SI1	47-USB002-XX0	USB SOCKET USB-1W-B	P3
T8-LE9BS5B-SI1	T8-LE9BS5B-SI1Z	TV ASY - ASS Y - SIDE AV BD(ART) R=N	
T8-LE9BS5B-SI1Z	56-841040-0HN1A	TV DEC SUPPORT SIDE AV -- 00 00 00 R=N	
T8-LE9BS5B-SI1Z	58-842490-CUI1B	TV PRI OVERLAY PLATE MODEL NO 00 R=Y	
H3-HE9AS5B-AG50	T8-HE9AS5B-BS1	TV ASY CABINET ASS Y - BASE R=N	
T8-HE9AS5B-BS1	54-3M4941-JZA	ADHESIVE TAPE 13MMX1.1MMX20M	MTG STANDING SUPPORTER & STANDING
T8-HE9AS5B-BS1	59-842480-001	TV RAW CUSHION FOOT 01 00 00 R=N	MTG TO STANDING SUPPORTER
T8-HE9AS5B-BS1	62-841600-0HFG	TV RAW SPACER STAND TOP -- 02 00 R=Y	
T8-HE9AS5B-BS1	62-841620-0HFG	TV RAW SPACER STAND BOTTOM NYLON MAT --	
T8-HE9AS5B-BS1	64-B50080-102G	MACHINE SCREW	STAND SUP & STAN FIXATION HALF AXLE1/2
T8-HE9AS5B-BS1	64-H80150-102G	MACHINE SCREW H 8 X 15	STAND FIXATHALFAXLE 1FIXAT HALF AXLE 2
T8-HE9AS5B-BS1	64-Q80250-103G	SCREW 8MM 25MM MB-FH 53 R=Y	STANDING & REAR CABINET
T8-HE9AS5B-BS1	67-C84165-0A0	TV RAW HINGE STAND -- 00 00 R=N	
T8-HE9AS5B-BS1	67-C84192-0A0	TV RAW SUPPORT STANDING FIXATION HALF AX	
T8-HE9AS5B-BS1	67-C84193-0A0	TV RAW SUPPORT STANDING FIXATION HALF AX	
T8-HE9AS5B-BS1	74-004006-12C	RAW BAG 60X40X0.08MM -- 00 00 00 R=Y	PACK 4 SCREWS(M5) & 1 SCREWS (M8)
T8-HE9AS5B-BS1	T8-HE9AS5B-BS1Z	TV ASY CABINET ASS Y - BASE(ART) R=N	
T8-HE9AS5B-BS1Z	55-839680-0CQ6L	PAI FRONTPANEL BASE -- R=N	

T8-HE9AS5B-BS1Z	56-839670-0CQ1B	TV PAI SUPPORT STANDING NECK -- R=N	
T8-HE9AS5B-BS1Z	74-013026-60C	RAW BAG 130X260X0.06MM -- 00 00 00 R=Y	PACK STANDING NECK
T8-HE9AS5B-BS1Z	74-014016-20H	RAW BAG -- -- 00 00 00 R=Y	PACK STANDING & STANDING SUPPORTER
T8-HE9AS5B-BS1Z	74-032065-20H	RAW BAG STAND 32X65CM -- 00 00 00 R=Y	PACK STAND AXLE ASS
T8-HE9AS5B-BS1	67-M85024-0G0	TV RAW STAND BASE SUPPORT -- 00 00 00 R=	
T8-HE9AS5B-BS1	54-854980-004	TV RAW CUSHION PVC FOR STAND 00 00 00 R=	
T8-HE9AS5B-BS1	54-854980-104	TV RAW CUSHION PVC FOR STAND 01 00 00 R=	
H3-HE9AS5B-AG50	T8-HE9AS5B-FC1	TV ASY CABINET ASS Y - FRONT CABINET R=N	
T8-HE9AS5B-FC1	42-51304D-XX0G	SPEAKER 40HM 5W 170HZ	
T8-HE9AS5B-FC1	46-SV015T-02H01G	WIRE UL2468#22 SMR-2Y 150MM 2	FOR RIGHT SPEAKER
T8-HE9AS5B-FC1	46-SV015T-02H02G	WIRE UL2468#22 SMP-2Y 150MM 2	FOR LEFT SPEAKER
T8-HE9AS5B-FC1	54-3M5526-JZ0	TAPE-ADH ADHESIVE TAPE 55256 0.128MM 12M	MTG SENSOR BOARD & FRONT CABINET
T8-HE9AS5B-FC1	54-3MDS15-JZ1	TAPE-ADH ADHESIVE TAPE 3MDS15P 0.4MM 6MM	MTG DECOR SHEET & FRONT CABINET
T8-HE9AS5B-FC1	57-842400-1UM	TV RAW DECOR FLARING BAR -- 01 00 00 R=N	
T8-HE9AS5B-FC1	62-839310-0HN	TV RAW BRACKET SPEAKER -- 00 00 00 R=N	
T8-HE9AS5B-FC1	63-B30100-AB3G	SCREW-ST 3MM 10MM JIS B 1122 12 0 0 R=Y	MTG LENS & FRONT CABINET
T8-HE9AS5B-FC1	63-P30100-AB3G	SCREW-ST 3MM 10MM R=Y	MTG LENS & IR BOARD
T8-HE9AS5B-FC1	63-S40150-AB3G	S/T SCREW S 4 X 15 AB	MTG SPEAKER & FRONT CABINET
T8-HE9AS5B-FC1	T8-HE9AS5B-FC1Z	TV ASY CABINET ASS Y - FRONT CABINET (ART)	
T8-HE9AS5B-FC1Z	55-839260-2CQ1A	DEC FRONT PANEL L32E9A -- 02 1A 00 R=N	
T8-HE9AS5B-FC1Z	56-839280-0HA1B	TV PAI LENS L32E9A/MS91 -- R=Y	MTG TO FRONT CABINET
T8-HE9AS5B-FC1Z	56-841110-1HH1A	TV DEC LENS IR L32E9A/MS91 -- 01 1A 00 R	
T8-HE9AS5B-FC1Z	62-840780-0HN1A	TV PAI BRACKET LIGHT BAR BRACKET -- 02 0	
T8-HE9AS5B-FC1Z	67-L71622-2N0	LOGO	
T8-HE9AS5B-FC1	89-604792-JZ3	SUNDRIES-FILM SELF ADHESIVE FILM	MTG TO FRONT CABINET
T8-HE9AS5B-FC1	89-604810-JZ0	PROTECTING LABEL 60mm	MTG TO FRONT CABINET
T8-HE9AS5B-FC1	54-114000-00X	TV RAW FELT PAPER 150MMX19MMX0.3MM BK 01	MTG TO SPEAKER BRACKET
T8-HE9AS5B-FC1	65-E42070-13EG	WASHER 4.2MM 7.0MM 1.3MM R=Y	MTG TO SPEAKER COLUMN
T8-HE9AS5B-FC1	54-808050-0U0	SPONGE BAR	MTG TO DOWN OF THE FC CIRCUMSCRIBE
T8-HE9AS5B-FC1	54-808030-0U0	SPONGE BAR	MTG TO L & R & T OF THE CIRCUMSCRIBE
H3-HE9AS5B-AG50	T8-HE9AS5B-MA1	TV EQU - ASS Y - MAIN BD R=N	
T8-HE9AS5B-MA1	07-457FF5-NA1G	TUNER F07WP-4NR-E D% NTSC 45.75MHZ	Z600
T8-HE9AS5B-MA1	09-00SR23-STX	SMD. DIODE 30V/2A SR23	D801
T8-HE9AS5B-MA1	09-0BA982-ATX	SMD. DIODE BA982-GS08	D601
T8-HE9AS5B-MA1	09-0BAV99-ATX	HIGH SPEED DOUBLE DIODE BAV99	D604
T8-HE9AS5B-MA1	09-0BAV99-ATX	HIGH SPEED DOUBLE DIODE BAV99	D206
T8-HE9AS5B-MA1	09-55C33V-DTX	SMD. DIODE BZV55-C33	D600
T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D15
T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D17

T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D7
T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D1
T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D11
T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D8
T8-HE9AS5B-MA1	09-D5V0S1-BAB	SMD. DOIDE PESD5V0S1BA	D3
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D14
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D13
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D12
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D10
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D2
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D4
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D409
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D5
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D6
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D9
T8-HE9AS5B-MA1	09-D5V0S2-BTB	SMD. DOIDE PESD5V0S2BT	D16
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D803
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D802
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D703
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D702
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D700
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D603
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D405
T8-HE9AS5B-MA1	09-LL4148-ATX	SMD. SWITCHING DIODE LL4148	D404
T8-HE9AS5B-MA1	09-RLZ5B6-DTX	SMD DIODE RLZ5. 6BTE11	D506
T8-HE9AS5B-MA1	09-RLZ5B6-DTX	SMD DIODE RLZ5. 6BTE11	D507
T8-HE9AS5B-MA1	09-RLZ5B6-DTX	SMD DIODE RLZ5. 6BTE11	D505
T8-HE9AS5B-MA1	09-RLZ5B6-DTX	SMD DIODE RLZ5. 6BTE11	D504
T8-HE9AS5B-MA1	09-STZ6V2-NTX	SMD. DIODE STZ6. 2N	D509
T8-HE9AS5B-MA1	09-STZ6V2-NTX	SMD. DIODE STZ6. 2N	D510
T8-HE9AS5B-MA1	12-13N03L-OBX	SMD. TRANSISTOR PHKD13N03LT	U804
T8-HE9AS5B-MA1	12-2N7002-OBX	SMD TRANSISTOR 2N7002	Q401
T8-HE9AS5B-MA1	12-2N7002-OBX	SMD TRANSISTOR 2N7002	Q402
T8-HE9AS5B-MA1	12-A04411-OBX	PCHANNEL MOSFET A04411	Q805
T8-HE9AS5B-MA1	12-BC846B-OBX	TRANSISTOR BC846B	Q600
T8-HE9AS5B-MA1	12-BT3904-OBX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q601
T8-HE9AS5B-MA1	12-BT3904-OBX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q202
T8-HE9AS5B-MA1	12-BT3904-OBX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q201
T8-HE9AS5B-MA1	12-BT3904-OBX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q200
T8-HE9AS5B-MA1	12-BT3904-OBX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q800
T8-HE9AS5B-MA1	12-BT3904-OBX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q700
T8-HE9AS5B-MA1	12-BT3906-OBX	SMD. TRANSISTOR MMBT3906LT1 (PNP)	Q203
T8-HE9AS5B-MA1	12-BT3906-OBX	SMD. TRANSISTOR MMBT3906LT1 (PNP)	Q701
T8-HE9AS5B-MA1	12-BT3906-OBX	SMD. TRANSISTOR MMBT3906LT1 (PNP)	Q302
T8-HE9AS5B-MA1	12-C143ZT-OBX	TRA SIG SM PDTC143ZT	Q400
T8-HE9AS5B-MA1	12-C144ET-OBX	SMD. TRANSISTOR PDTC144ET	Q803
T8-HE9AS5B-MA1	12-C144ET-OBX	SMD. TRANSISTOR PDTC144ET	Q501
T8-HE9AS5B-MA1	12-C144ET-OBX	SMD. TRANSISTOR PDTC144ET	Q602
T8-HE9AS5B-MA1	12-C144ET-OBX	SMD. TRANSISTOR PDTC144ET	Q801
T8-HE9AS5B-MA1	12-C144ET-OBX	SMD. TRANSISTOR PDTC144ET	Q802
T8-HE9AS5B-MA1	12-C144ET-OBX	SMD. TRANSISTOR PDTC144ET	Q300

T8-HE9AS5B-MA1	13-OPS321-00B	IC 3 TO 1 HDMI SWITCH	U507
T8-HE9AS5B-MA1	13-281622-FTB4	DDR HY5DU281622FTP-4	U304
T8-HE9AS5B-MA1	13-EN25F1-61B	IC 2M BYTE SERIAL FLASH MEMORY	U303 (CP)
T8-HE9AS5B-MA1	13-IC1084-CMB	IC AIC1084-33CM 3.3V (T0-263)	U800
T8-HE9AS5B-MA1	13-LD1117-25B	IC-REGPOSFXD LD1117S25TR LOW VOLTAGE DRO	U802
T8-HE9AS5B-MA1	13-LD1117-33B	IC-REGPOSFXD LD1117S33TR SOT223 NORMAL R	U801
T8-HE9AS5B-MA1	13-LD1117-50B	IC-REGPOSFXD LD1117S50C NORMAL R=Y	U601
T8-HE9AS5B-MA1	13-M24C02-MNB	IC-EEPROM M24C02-WMN6TP R=Y	U400 (CP)
T8-HE9AS5B-MA1	13-M24C04-MNB	4K E2PROM M24C04-WMN6TG	U302 (CP)
T8-HE9AS5B-MA1	13-M24C64-W6B	IC-EEPROM M24C64-WMN6T R=Y	U301
T8-HE9AS5B-MA1	13-MP1411-DHB	IC MP1411DH-LF-Z	U803
T8-HE9AS5B-MA1	13-MST6M1-9GBS1	IC MST6M19GL-LF-S1 (WITH PIP&SRS, LQFP PKG	U300
T8-HE9AS5B-MA1	13-RT8110-00B	IC 12V TO 5V CONVERTER RT8110	U805
T8-HE9AS5B-MA1	13-STA333-BWB	IC STA333BW	U700
T8-HE9AS5B-MA1	13-TDA130-8TB	IC TDA1308T/N2	U701
T8-HE9AS5B-MA1	13-TDA988-5TBS	IC (NTSC/PAL) TDA9885 TS	U600
T8-HE9AS5B-MA1	18-FG0150-JHX	RES. M. O. 15 OHM 2W +/-5%	R600
T8-HE9AS5B-MA1	18-RG0109-JHX	RES. WIRE ROUND 1 OHM 2W +/-5%	R1051
T8-HE9AS5B-MA1	18-RG0109-JHX	RES. WIRE ROUND 1 OHM 2W +/-5%	R1050
T8-HE9AS5B-MA1	18-RG0278-JHX	RES. WIRE ROUND 0.27 OHM 2W +/-5%	R810
T8-HE9AS5B-MA1	18-RG0278-JHX	RES. WIRE ROUND 0.27 OHM 2W +/-5%	R811
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R570
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R804
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R749
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R744
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R432
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R417
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R741
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R412
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R409
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R414
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R407
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R396
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R388
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R365
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R569
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R431
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R415
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R416
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R824
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R672
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R721
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R722
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R440
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R439
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R284
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R850
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R419
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R234

[illegible]

T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R739
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R664
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R662
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R215
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R310
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R22
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R217
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R344
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R360
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R361
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R362
T8-HE9AS5B-MA1	19-AB0101-JTX	RES SMD 100 OHM 1/10W 0603	R332
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R372
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R398
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R963
T8-HE9AS5B-MA1	19-GA0102-JTX	SMD. RES 1K OHM 1/16W +/-5%	R322
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R813
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R508
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R509
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R835
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R559
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R557
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R818
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R428
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R429
T8-HE9AS5B-MA1	19-AB0103-FTX	RES SMD 10K OHM 1/10W +/-1% 0603	R315
T8-HE9AS5B-MA1	19-AB0103-FTX	RES SMD 10K OHM 1/10W +/-1% 0603	R316
T8-HE9AS5B-MA1	19-AB0103-FTX	RES SMD 10K OHM 1/10W +/-1% 0603	R317
T8-HE9AS5B-MA1	19-AB0103-FTX	RES SMD 10K OHM 1/10W +/-1% 0603	R318
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R805
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R851
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R737
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R831
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R613
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R614
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R709
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R711
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R718
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R719
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R736
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R348
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R410
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R411
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R430
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R522
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R556
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R565
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R271
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R823
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R272
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R208

T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R211
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R214
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R720
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R717
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R319
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R300
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R280
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R278
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R834
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R225
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R224
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R216
T8-HE9AS5B-MA1	19-GA0104-JTX	SMD. RES 100K OHM 1/16W +/-5%	R1
T8-HE9AS5B-MA1	19-AB0104-JTX	SMD. RES 100K OHM 1/10W 0603	R740
T8-HE9AS5B-MA1	19-AB0104-JTX	SMD. RES 100K OHM 1/10W 0603	R640
T8-HE9AS5B-MA1	19-AB0104-JTX	SMD. RES 100K OHM 1/10W 0603	R635
T8-HE9AS5B-MA1	19-AB0104-JTX	SMD. RES 100K OHM 1/10W 0603	R347
T8-HE9AS5B-MA1	19-AB0105-JTX	RES SMD 1M OHM 1/10W 0603	R707
T8-HE9AS5B-MA1	19-AB0105-JTX	RES SMD 1M OHM 1/10W 0603	R323
T8-HE9AS5B-MA1	19-AB0123-FTX	SMD. RES 12K OHM 1/10W +/-1% 0603	R836
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R209
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R210
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R269
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R270
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R277
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R279
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R628
T8-HE9AS5B-MA1	19-AB0151-FTX	SMD. RES 150 OHM 1/10W +/-1% 0603	R395
T8-HE9AS5B-MA1	19-AB0202-JTX	SMD. RES 2K OHM 1/10W +/-5% 0603	R734
T8-HE9AS5B-MA1	19-AB0203-JTX	RES. SMD 20K OHM 1/10W 0603	R842
T8-HE9AS5B-MA1	19-AB0220-JTX	SMD RES 22 OHM 1/10W 0603	R370
T8-HE9AS5B-MA1	19-AB0220-JTX	SMD RES 22 OHM 1/10W 0603	R369
T8-HE9AS5B-MA1	19-AB0220-JTX	SMD RES 22 OHM 1/10W 0603	R368
T8-HE9AS5B-MA1	19-AB0221-JTX	RES SMD 220 OHM 1/10W 0603	R563
T8-HE9AS5B-MA1	19-AB0221-JTX	RES SMD 220 OHM 1/10W 0603	R647
T8-HE9AS5B-MA1	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R706
T8-HE9AS5B-MA1	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R401
T8-HE9AS5B-MA1	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R666
T8-HE9AS5B-MA1	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R400
T8-HE9AS5B-MA1	19-AB0222-JTX	RES SMD 2.2K OHM 1/10W 0603	R612
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R380
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R379
T8-HE9AS5B-MA1	19-GA0223-JTX	SMD. RES 22K OHM 1/16W +/-5%	R321
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R373
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R374
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R634
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R643
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R644
T8-HE9AS5B-MA1	19-AB0123-JTX	SMD. RES 12K OHM 1/10 J 0603	R645
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R375
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R378

T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R377
T8-HE9AS5B-MA1	19-AB0223-JTX	SMD. RES 22K OHM 1/10W +/-5% 0603	R376
T8-HE9AS5B-MA1	19-AB0271-JTX	SMD. RES 270 OHM 1/10W +/-5% 0603	R200
T8-HE9AS5B-MA1	19-AB0272-JTX	RES SMD 2.7K OHM 1/10W 0603	R306
T8-HE9AS5B-MA1	19-AB0272-JTX	RES SMD 2.7K OHM 1/10W 0603	R305
T8-HE9AS5B-MA1	19-AB0272-JTX	RES SMD 2.7K OHM 1/10W 0603	R307
T8-HE9AS5B-MA1	19-AB0272-JTX	RES SMD 2.7K OHM 1/10W 0603	R304
T8-HE9AS5B-MA1	19-AB0273-FTX	RES. SMD 27K OHM 1/10W +/-1% 0603	R833
T8-HE9AS5B-MA1	19-AB0303-JTX	RES SMD 30K OHM 1/10W 0603	R213
T8-HE9AS5B-MA1	19-AB0330-JTX	RES SMD 33 OHM 1/10W +/-5%0603	R705
T8-HE9AS5B-MA1	19-AB0330-JTX	RES SMD 33 OHM 1/10W +/-5%0603	R702
T8-HE9AS5B-MA1	19-AB0330-JTX	RES SMD 33 OHM 1/10W +/-5%0603	R701
T8-HE9AS5B-MA1	19-AB0330-JTX	RES SMD 33 OHM 1/10W +/-5%0603	R700
T8-HE9AS5B-MA1	19-AB0331-JTX	RES. SMD 330 OHM 1/10W 0603	R202
T8-HE9AS5B-MA1	19-AB0121-JTX	SMD. RES 120 OHM 1/10 J 0603	R708
T8-HE9AS5B-MA1	19-AB0121-JTX	SMD. RES 120 OHM 1/10 J 0603	R710
T8-HE9AS5B-MA1	19-AB0331-JTX	RES. SMD 330 OHM 1/10W 0603	R426
T8-HE9AS5B-MA1	19-AB0331-JTX	RES. SMD 330 OHM 1/10W 0603	R641
T8-HE9AS5B-MA1	19-AB0332-JTX	SMD RES 3.3K OHM 1/10W 0603	R731
T8-HE9AS5B-MA1	19-AB0332-JTX	SMD RES 3.3K OHM 1/10W 0603	R729
T8-HE9AS5B-MA1	19-AB0332-JTX	SMD RES 3.3K OHM 1/10W 0603	R732
T8-HE9AS5B-MA1	19-AB0332-JTX	SMD RES 3.3K OHM 1/10W 0603	R730
T8-HE9AS5B-MA1	19-AB0333-JTX	RES. SMD 33K OHM 1/10W 0603	R364
T8-HE9AS5B-MA1	19-AB0333-JTX	RES. SMD 33K OHM 1/10W 0603	R715
T8-HE9AS5B-MA1	19-AB0333-JTX	RES. SMD 33K OHM 1/10W 0603	R714
T8-HE9AS5B-MA1	19-AB0334-JTX	RES SMD 330K OHM 1/10W +/-5% 0603	R807
T8-HE9AS5B-MA1	19-AB0339-JTX	RES. SMD 3.3 OHM 1/10W +/-5%	R703
T8-HE9AS5B-MA1	19-AB0339-JTX	RES. SMD 3.3 OHM 1/10W +/-5%	R704
T8-HE9AS5B-MA1	19-AB0363-JTX	RES. SMD 36K OHM 1/10W +/-5%	R564
T8-HE9AS5B-MA1	19-AB0363-JTX	RES. SMD 36K OHM 1/10W +/-5%	R555
T8-HE9AS5B-MA1	19-AB0391-FTX	SMD. RES 390 OHM 1/10W +/-1% 0603	R337
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R220
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R222
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R227
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R228
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R233
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R253
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R252
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R236
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R204
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R268
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R11
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R266
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R620
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R619
T8-HE9AS5B-MA1	19-AB0470-JTX	RES SMD 47 OHM 1/10W +/-5%0603	R286
T8-HE9AS5B-MA1	19-AB0471-JTX	SMD. RES 470 OHM 1/10W +/-5%	R12
T8-HE9AS5B-MA1	19-AB0472-FTX	SMD. RES 4.7K OHM 1/10W +/-1%	R845
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R359
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R371
T8-HE9AS5B-MA1	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R320

T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R219
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R230
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R980
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R341
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R404
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R530
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R532
T8-HE9AS5B-MA1	19-GA0472-JTX	SMD. RES 4.7K OHM 1/16W +/-5%	R537
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R814
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R303
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R351
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R350
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R349
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R342
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R308
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R339
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R338
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R336
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R334
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R402
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R946
T8-HE9AS5B-MA1	19-AB0472-JTX	RES SMD 4.7K OHM 1/10W 0603	R822
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R502
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R553
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R554
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R636
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R229
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R221
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R534
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R533
T8-HE9AS5B-MA1	19-AB0473-JTX	SMD. RES 47K OHM 1/10W 0603	R501
T8-HE9AS5B-MA1	19-AB0513-JTX	SMD. RES 51K OHM 1/10W +/-5%	R346
T8-HE9AS5B-MA1	19-AB0562-JTX	SMD. RES 5.6K OHM 1/10W +/-5% 0603	R667
T8-HE9AS5B-MA1	19-AB0682-JTX	RES SMD 6.8K OHM 1/10W 0603	R1013
T8-HE9AS5B-MA1	19-AB0683-JTX	RES SMD 68K OHM 1/10W 0603	R203
T8-HE9AS5B-MA1	19-AB0683-JTX	RES SMD 68K OHM 1/10W 0603	R806
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R232
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R212
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R206
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R201
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R285
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R423
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R424
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R425
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R265
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R240
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R239
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R238
T8-HE9AS5B-MA1	19-AB0750-JTX	SMD. RES 75 OHM 1/10W 0603	R235
T8-HE9AS5B-MA1	19-AB0821-FTX	SMD. RES 820 OHM 1/10W +/-1% 0603	R844
T8-HE9AS5B-MA1	19-AB0822-JTX	SMD. RES 8.2K OHM 1/10W +/-5% 0603	R353

T8-HE9AS5B-MA1	19-AB0822-JTX	SMD. RES 8.2K OHM 1/10W +/-5% 0603	R223
T8-HE9AS5B-MA1	19-AB0822-JTX	SMD. RES 8.2K OHM 1/10W +/-5% 0603	R226
T8-HE9AS5B-MA1	19-AB0822-JTX	SMD. RES 8.2K OHM 1/10W +/-5% 0603	R352
T8-HE9AS5B-MA1	19-AB0911-JTX	SMD RES. 910 OHM 1/10W +/-5%	R345
T8-HE9AS5B-MA1	19-AB4990-FTX	SMD. RES 499 OHM 1/10W +/-1% 0603	R544
T8-HE9AS5B-MA1	19-CD0220-JTX	SMD. RES 22 OHM 1/4W +/-5% 1206	R725
T8-HE9AS5B-MA1	19-CD0220-JTX	SMD. RES 22 OHM 1/4W +/-5% 1206	R747
T8-HE9AS5B-MA1	19-CD0220-JTX	SMD. RES 22 OHM 1/4W +/-5% 1206	R723
T8-HE9AS5B-MA1	19-CD0689-JTX	SMD. RES 6.80HM 1/4W 5%	R728
T8-HE9AS5B-MA1	19-CD0689-JTX	SMD. RES 6.80HM 1/4W 5%	R727
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3107
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3106
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3104
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3117
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3116
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3115
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3114
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3109
T8-HE9AS5B-MA1	23-A08101-JBX	NETWORK RES. 100 OHM +/-5%	R3108
T8-HE9AS5B-MA1	23-A08220-JBX	NETWORK RES. 22 OHM +/-5%	R3111
T8-HE9AS5B-MA1	23-A08220-JBX	NETWORK RES. 22 OHM +/-5%	R3113
T8-HE9AS5B-MA1	23-A08220-JBX	NETWORK RES. 22 OHM +/-5%	R3112
T8-HE9AS5B-MA1	23-A08330-JBX	NETWORK RES. 33 OHM +/-5%	R3110
T8-HE9AS5B-MA1	25-BBB470-M1X	CAP. ELEC 47 UF 10V +/-20%	C807
T8-HE9AS5B-MA1	25-BBB470-M1X	CAP. ELEC 47 UF 10V +/-20%	C804
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C201
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C1
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C200
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C647
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C639
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C638
T8-HE9AS5B-MA1	25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	C306
T8-HE9AS5B-MA1	25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	C800
T8-HE9AS5B-MA1	25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	C713
T8-HE9AS5B-MA1	25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	C710
T8-HE9AS5B-MA1	25-BCB220-M1X	CAP. ELEC 22 UF 16V +/-20%	C805
T8-HE9AS5B-MA1	25-BCB220-M1X	CAP. ELEC 22 UF 16V +/-20%	C806
T8-HE9AS5B-MA1	25-BCB221-M1X	CAP. ELEC 220 UF 16V +/-20%	C883
T8-HE9AS5B-MA1	25-BCB221-M1X	CAP. ELEC 220 UF 16V +/-20%	C893
T8-HE9AS5B-MA1	25-BCB331-M1X	CAP. ELEC 330 UF 16V +/-20%	C808
T8-HE9AS5B-MA1	25-BCB331-M1X	CAP. ELEC 330 UF 16V +/-20%	C886
T8-HE9AS5B-MA1	25-BCB331-M1X	CAP. ELEC 330 UF 16V +/-20%	C887
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C602
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C711
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C255
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C626
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C601
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C712
T8-HE9AS5B-MA1	25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	C871
T8-HE9AS5B-MA1	25-BDB221-M1X	CAP. ELEC 220UF 25V +/-20%	C262
T8-HE9AS5B-MA1	25-BDB221-M1X	CAP. ELEC 220UF 25V +/-20%	C700

T8-HE9AS5B-MA1	25-BDB221-M1X	CAP. ELEC 220UF 25V +/-20%	C701
T8-HE9AS5B-MA1	25-BDB221-M1X	CAP. ELEC 220UF 25V +/-20%	C899
T8-HE9AS5B-MA1	25-BDB470-M1X	CAP. ELEC 47 UF 25V +/-20%	C709
T8-HE9AS5B-MA1	25-BDB471-M1X	CAP. ELEC 470 UF 25V +/-20%	C708
T8-HE9AS5B-MA1	25-BDB471-M1X	CAP. ELEC 470 UF 25V +/-20%	C705
T8-HE9AS5B-MA1	25-BDB471-M1X	CAP. ELEC 470 UF 25V +/-20%	C706
T8-HE9AS5B-MA1	25-BDB471-M1X	CAP. ELEC 470 UF 25V +/-20%	C707
T8-HE9AS5B-MA1	25-BFB479-M1X	CAP. ELEC 4.7 UF 50V +/-20%	C744
T8-HE9AS5B-MA1	28-AC0105-ZFX	SMD. CAP 1 UF 16VDC +80%/-20%	C818
T8-HE9AS5B-MA1	28-AC0105-ZFX	SMD. CAP 1 UF 16VDC +80%/-20%	C366
T8-HE9AS5B-MA1	28-AC0105-ZFX	SMD. CAP 1 UF 16VDC +80%/-20%	C898
T8-HE9AS5B-MA1	28-AC0105-ZFX	SMD. CAP 1 UF 16VDC +80%/-20%	C819
T8-HE9AS5B-MA1	28-AA0225-ZFX	SMD CAP 2.2UF/10V/+80/-20%	C2
T8-HE9AS5B-MA1	28-AA0225-ZFX	SMD CAP 2.2UF/10V/+80/-20%	C414
T8-HE9AS5B-MA1	28-AA0225-ZFX	SMD CAP 2.2UF/10V/+80/-20%	C511
T8-HE9AS5B-MA1	28-HB0100-JCX	SMD. CAP 10 PF 50V +/-5% 0402	C386
T8-HE9AS5B-MA1	28-HB0100-JCX	SMD. CAP 10 PF 50V +/-5% 0402	C389
T8-HE9AS5B-MA1	28-AB0100-JCX	SMD. CAP 10 PF 50VDC +/-5%	C324
T8-HE9AS5B-MA1	28-AB0100-JCX	SMD. CAP 10 PF 50VDC +/-5%	C323
T8-HE9AS5B-MA1	28-AB0101-JCX	SMD. CAP 100 PF 50VDC +/-5%	C637
T8-HE9AS5B-MA1	28-AB0101-JCX	SMD. CAP 100 PF 50VDC +/-5%	C728
T8-HE9AS5B-MA1	28-AB0101-JCX	SMD. CAP 100 PF 50VDC +/-5%	C732
T8-HE9AS5B-MA1	28-AB0101-JCX	SMD. CAP 100 PF 50VDC +/-5%	C636
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C226
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C228
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C311
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C319
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C320
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C321
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C322
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C371
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C378
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C649
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C752
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C721
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C891
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C751
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C750
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C749
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C748
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C747
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C522
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C614
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C623
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C641
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C643
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C888
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C344
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C345
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C346
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C343

T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C879
T8-HE9AS5B-MA1	28-AB0103-KBX	SMD. CAP 0.01 UF 50V +/-10% 0603	C882
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C719
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C715
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C410
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C894
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C755
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C741
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C739
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C720
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C716
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C625
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C627
T8-HE9AS5B-MA1	28-AB0104-KBX	SMD. CAP 50VDC 0.1UF +/-10% 06	C650
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C813
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C812
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C613
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C612
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C520
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C519
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C518
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C646
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C814
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C815
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C816
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C875
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C513
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C621
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C622
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C635
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C517
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C409
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C332
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C743
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C809
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C620
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C504
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C512
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C383
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C308
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C307
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C382
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C381
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C232
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C333
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C407
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C501
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C225
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C231
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C337
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C318

T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C325
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C326
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C327
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C328
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C329
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C315
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C352
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C365
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C373
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C374
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C379
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C380
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C336
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C335
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C334
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C331
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C648
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C515
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C514
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C516
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C731
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C730
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C727
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C718
T8-HE9AS5B-MA1	28-AB0104-ZFX	CAP. SMD 0.1UF 50V +80%~-20% F	C717
T8-HE9AS5B-MA1	28-AB0152-KBX	SMD. CAP 1500 PF 50V +/-10% B	C617
T8-HE9AS5B-MA1	28-AB0201-JCX	CAP. SMD 200PF 50V +/-5% 0603	C611
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C605
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C606
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C618
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C521
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C247
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C237
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C235
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C234
T8-HE9AS5B-MA1	28-AB0220-JCX	CAP. SMD 22PF 50V +/-5% C	C222
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C246
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C223
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C224
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C238
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C239
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C243
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C244
T8-HE9AS5B-MA1	28-AB0221-JCX	CAP. SMD 220PF 50V C 0603 +/-5%	C245
T8-HE9AS5B-MA1	28-AB0222-KBX	CAP. SMD 2200PF 50V +/-10% 0603	C339
T8-HE9AS5B-MA1	28-AB0222-KBX	CAP. SMD 2200PF 50V +/-10% 0603	C340
T8-HE9AS5B-MA1	28-AB0222-KBX	CAP. SMD 2200PF 50V +/-10% 0603	C341
T8-HE9AS5B-MA1	28-AB0222-KBX	CAP. SMD 2200PF 50V +/-10% 0603	C342
T8-HE9AS5B-MA1	28-AB0222-KBX	CAP. SMD 2200PF 50V +/-10% 0603	C724
T8-HE9AS5B-MA1	28-AB0222-KBX	CAP. SMD 2200PF 50V +/-10% 0603	C725
T8-HE9AS5B-MA1	28-AB0224-ZFX	CAP. SMD 0.22UF 50V +80-20%0603	C740

T8-HE9AS5B-MA1	28-AB0224-ZFX	CAP. SMD 0.22UF 50V +80-20%0603	C735
T8-HE9AS5B-MA1	28-AB0224-ZFX	CAP. SMD 0.22UF 50V +80-20%0603	C616
T8-HE9AS5B-MA1	28-AB0270-JCX	SMD. CAP 27 PF 50V +/-5% 0603	C309
T8-HE9AS5B-MA1	28-AB0270-JCX	SMD. CAP 27 PF 50V +/-5% 0603	C310
T8-HE9AS5B-MA1	28-AB0271-JCX	SMD. CAP 270 PF 50V +/-5% C	C610
T8-HE9AS5B-MA1	28-AB0331-JCX	SMD. CAP 330 PF 50V +/-5% 0603	C733
T8-HE9AS5B-MA1	28-AB0331-JCX	SMD. CAP 330 PF 50V +/-5% 0603	C754
T8-HE9AS5B-MA1	28-AB0331-JCX	SMD. CAP 330 PF 50V +/-5% 0603	C734
T8-HE9AS5B-MA1	28-AB0391-JCX	CAP. SMD 390P 50V +/-5% 0603	C642
T8-HE9AS5B-MA1	28-AB0392-KBX	SMD. CAP 3900 PF 50VDC +/-10% 0603	C878
T8-HE9AS5B-MA1	28-AB0470-JCX	CAP. SMD 47PF 50V +/-5% 0603	C314
T8-HE9AS5B-MA1	28-AB0470-JCX	CAP. SMD 47PF 50V +/-5% 0603	C313
T8-HE9AS5B-MA1	28-AB0470-JCX	CAP. SMD 47PF 50V +/-5% 0603	C316
T8-HE9AS5B-MA1	28-AB0470-JCX	CAP. SMD 47PF 50V +/-5% 0603	C317
T8-HE9AS5B-MA1	28-AB0470-JCX	CAP. SMD 47PF 50V +/-5% 0603	C7
T8-HE9AS5B-MA1	28-AB0472-KBX	CAP. SMD 4700PF 50V +/-10% 0603	C609
T8-HE9AS5B-MA1	28-AB0472-KBX	CAP. SMD 4700PF 50V +/-10% 0603	C723
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C357
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C375
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C370
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C369
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C368
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C364
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C363
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C362
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C358
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C359
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C939
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C377
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C376
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C940
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C360
T8-HE9AS5B-MA1	28-AB0473-KBX	SMD CAP 0.047UF 50V +/-10%0603	C361
T8-HE9AS5B-MA1	28-AB0681-KBX	SMD. CAP 680PF 50VDC +/-10%	C722
T8-HE9AS5B-MA1	28-AB0682-KBX	SMD. CAP 6800PF 50VDC +/-10%	C817
T8-HE9AS5B-MA1	28-AB0682-KBX	SMD. CAP 6800PF 50VDC +/-10%	C810
T8-HE9AS5B-MA1	28-AB0682-KBX	SMD. CAP 6800PF 50VDC +/-10%	C811
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C830
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C831
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C832
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C833
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C834
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C835
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C847
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C836
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C837
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C841
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C842
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C845
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C873
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C870

T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C865
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C861
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C860
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C859
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C857
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C855
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C853
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C851
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C849
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C829
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C820
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C821
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C824
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C825
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C826
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C827
T8-HE9AS5B-MA1	28-HC0104-ZFX	SMD. CAP 100NF 16V +80% -20%	C828
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C897
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C885
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C874
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C877
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C881
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C844
T8-HE9AS5B-MA1	28-AC0104-ZFX	SMD. CAP 16VDC/100NF/+80%/-20%	C843
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C726
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C823
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C348
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C227
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C347
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C729
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C356
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C349
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C229
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C230
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C233
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C350
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C355
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C354
T8-HE9AS5B-MA1	28-AC0225-KBX	SMD. CAP 2.2UF +/-10% 16V SP (188605643)	C353
T8-HE9AS5B-MA1	28-AC0474-KBX	SMD. CAP 0.47UF 16V +/-10%	C896
T8-HE9AS5B-MA1	28-AD0474-ZFX	SMD. CAP 0.47 UF 25V +80/-20%	C640

T8-HE9AS5B-MA1	28-AF0475-KBX	SMD. CAP 4.7UF 6.3V +/-10%	C367
T8-HE9AS5B-MA1	28-AF0475-KBX	SMD. CAP 4.7UF 6.3V +/-10%	C338
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C303
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C858
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C850
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C852
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C301
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C889
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C3
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C846
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C838
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C822
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C305
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C304
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C848
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C854
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C856
T8-HE9AS5B-MA1	28-BB0104-KBX	SMD. CAP 0.1UF 50VDC +/-10% 0805	C704
T8-HE9AS5B-MA1	28-BB0474-ZFX	SMD. CAP 0.47UF 50V +80% -20%	C753
T8-HE9AS5B-MA1	28-BB0474-ZFX	SMD. CAP 0.47UF 50V +80% -20%	C703
T8-HE9AS5B-MA1	28-BB0474-ZFX	SMD. CAP 0.47UF 50V +80% -20%	C702
T8-HE9AS5B-MA1	28-BC0105-ZF4	SMD. CAP 1 UF 16VDC +80/-20% 0805	C801
T8-HE9AS5B-MA1	28-BC0105-ZF4	SMD. CAP 1 UF 16VDC +80/-20% 0805	C895
T8-HE9AS5B-MA1	28-BC0475-ZFX	SMD. CAP. 4.7 UF 16V +80/-20%	C890
T8-HE9AS5B-MA1	28-BF0106-KBX	SMD. CAP 10UF/6.3V/+/-10%	C203
T8-HE9AS5B-MA1	33-ELN102-NTX	SMD. COLL CBG201209U 102B	L605
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L818
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L815
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L819
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L817
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L813
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L812
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L811
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L810
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L816
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L809
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L808
T8-HE9AS5B-MA1	33-ELN121-NTX	SMD. COLL	L814
T8-HE9AS5B-MA1	33-ELN300-NTX	CHIP BEAD 30 OHM +/-25%	L820
T8-HE9AS5B-MA1	33-ELN300-NTX	CHIP BEAD 30 OHM +/-25%	L821
T8-HE9AS5B-MA1	33-ELN300-NTX	CHIP BEAD 30 OHM +/-25%	L822
T8-HE9AS5B-MA1	33-GLN300-NTX	CHIP BEAD 30 OHM +/-25%	L802
T8-HE9AS5B-MA1	33-GLN300-NTX	CHIP BEAD 30 OHM +/-25%	L920
T8-HE9AS5B-MA1	33-GLN300-NTX	CHIP BEAD 30 OHM +/-25%	L803
T8-HE9AS5B-MA1	33-GLN300-NTX	CHIP BEAD 30 OHM +/-25%	L705
T8-HE9AS5B-MA1	33-GLN501-NTA	CHIP BEAD 1206 5000HMA 100MHZ 189144016	L806
T8-HE9AS5B-MA1	33-GLN501-NTA	CHIP BEAD 1206 5000HMA 100MHZ 189144016	L833
T8-HE9AS5B-MA1	33-GLN501-NTA	CHIP BEAD 1206 5000HMA 100MHZ 189144016	L832

T8-HE9AS5B-MA1	33-GLN501-NTA	CHIP BEAD 1206 5000HMA 100MHZ 189144016	L831
T8-HE9AS5B-MA1	33-GLN501-NTA	CHIP BEAD 1206 5000HMA 100MHZ 189144016	L804
T8-HE9AS5B-MA1	33-GLN501-NTA	CHIP BEAD 1206 5000HMA 100MHZ 189144016	L805
T8-HE9AS5B-MA1	33-GLN601-NTX	CHIP BEAD 600 OHM +/-25%	L601
T8-HE9AS5B-MA1	33-GLN601-NTX	CHIP BEAD 600 OHM +/-25%	L610
T8-HE9AS5B-MA1	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L712
T8-HE9AS5B-MA1	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L713
T8-HE9AS5B-MA1	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L825
T8-HE9AS5B-MA1	33-KLN121-NTX	CHIP BEAD 120 OHM +/-25%	L826
T8-HE9AS5B-MA1	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	L50
T8-HE9AS5B-MA1	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	L49
T8-HE9AS5B-MA1	33-KLN221-NTX	CHIP BEAD 0603 220 OHM	B203
T8-HE9AS5B-MA1	33-KLN300-NTX	CHIP BEAD 30 OHM	L823
T8-HE9AS5B-MA1	33-KLN300-NTX	CHIP BEAD 30 OHM	L830
T8-HE9AS5B-MA1	33-KLN300-NTX	CHIP BEAD 30 OHM	L824
T8-HE9AS5B-MA1	33-KLN601-NTX	CHIP BEAD 600 OHM +/-25%	L711
T8-HE9AS5B-MA1	33-KLN601-NTX	CHIP BEAD 600 OHM +/-25%	L710
T8-HE9AS5B-MA1	33-PLL150-MBX	SMD. COLL L1207-150	L800
T8-HE9AS5B-MA1	33-YLL100-MTX	SMD. COIL 10uH NR8040T100M	L807
T8-HE9AS5B-MA1	33-YLL220-MTX	COIL. 22U NR8040T220M	L700
T8-HE9AS5B-MA1	33-YLL220-MTX	COIL. 22U NR8040T220M	L701
T8-HE9AS5B-MA1	33-YLL220-MTX	COIL. 22U NR8040T220M	L702
T8-HE9AS5B-MA1	33-YLL220-MTX	COIL. 22U NR8040T220M	L703
T8-HE9AS5B-MA1	34-R102K2-0EX	COIL CHOKE 1000UH/+/-10% EL0606RA-102K-P	L606
T8-HE9AS5B-MA1	34-R102K2-0EX	COIL CHOKE 1000UH/+/-10% EL0606RA-102K-P	L607
T8-HE9AS5B-MA1	40-02MS91-TEB2XG	TV PCB TE BD R=Y	
T8-HE9AS5B-MA1	45-OSC14M-3Y2	CRYSTAL 14.31818MHZ	X300
T8-HE9AS5B-MA1	45-OSC4M0-0N1	CRYSTAL 4MHZ	X600
T8-HE9AS5B-MA1	45-SAWF39-530	SAW FILTER F3953M	Z602
T8-HE9AS5B-MA1	45-SAWF93-700	SAW FILTER F9370	Z601
T8-HE9AS5B-MA1	46-33079W-06XG	PIN BASE *6 TJC3-6A	P702
T8-HE9AS5B-MA1	46-35014H-02XG	JUMPER WIRE CAP	F801
T8-HE9AS5B-MA1	46-35017W-02XG	PIN BASE 1*2 PITCH=2.54MM	F801
T8-HE9AS5B-MA1	46-35017W-02XG	PIN BASE 1*2 PITCH=2.54MM	F800
T8-HE9AS5B-MA1	46-35199W-06XG	.PH-6A 6PIN PITCH=2.0MM	P206
T8-HE9AS5B-MA1	46-35199W-07XG	CONN. PH-7A PITCH=2.0MM 7PIN	P700
T8-HE9AS5B-MA1	46-35199W-10XG	CONN. PH-10 10PIN PITCH=2.0MM	P303 (靠1脚方向插装)
T8-HE9AS5B-MA1	46-38605W-12XG	PIN BASE TU2005WNV-2X6	P304
T8-HE9AS5B-MA1	46-38605W-16XG	PIN BASE TU2005WNV-2X8	P803
T8-HE9AS5B-MA1	46-38605W-40XG	PIN BASE TU2005WNV-2X20	P302
T8-HE9AS5B-MA1	47-HDI001-XX0	HDMI SOCKET 1747981-1	P501
T8-HE9AS5B-MA1	47-HDI001-XX0	HDMI SOCKET 1747981-1	P500
T8-HE9AS5B-MA1	47-RCA068-XX2G	AV SOCKET AV-3.2-2WB-09	P204
T8-HE9AS5B-MA1	47-RCA117-XX2G	SOCKET-RCA 6 GN-BL-RD-YW-WH-RD R	P203
T8-HE9AS5B-MA1	47-RCA156-XX2G	SOCKET-RCA 2 RD-WH-YE R	P200
T8-HE9AS5B-MA1	47-RCA202-XX0G	SOCKET RCA AV-3.2-1WB41	P210
T8-HE9AS5B-MA1	47-SVI008-XX1	SOCKET DSW-506WT-L	P202
T8-HE9AS5B-MA1	47-VGA018-XX0	SOCKET-VGA 15 R FEMALE	P1

T8-HE9AS5B-MA1	67-387190-0A0	HEAT SINK	FOR U300
T8-HE9AS5B-MA1	71-268390-0A0AF	LABEL (QC) GREEN	
T8-HE9AS5B-MA1	71-AV0000-T02	BARCODE LABEL	
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L11
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L12
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L13
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L14
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L15
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L16
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L17
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L18
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L19
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L20
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L21
T8-HE9AS5B-MA1	33-ALN900-NTX	IND-SMD 90H 20% 0.1A	L22
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R746
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R748
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R391
T8-HE9AS5B-MA1	67-T21456-090	HEAT SINK	FOR U800
T8-HE9AS5B-MA1	67-S84390-2E0	TV RAW SHIELDING -- -- 02 00 00 R=Y	FOR U300
T8-HE9AS5B-MA1	66-702620-0E2G	SCREW POST	FOR VGA SOCKET
T8-HE9AS5B-MA1	19-AB0103-JTX	RES SMD 10K OHM 1/10W 0603	R800
T8-HE9AS5B-MA1	09-S2L40U-STX	SMD. DIODE STPS2L40U	D805
T8-HE9AS5B-MA1	09-00SR23-STX	SMD. DIODE 30V/2A SR23	D806
T8-HE9AS5B-MA1	19-AB0272-JTX	RES SMD 2.7K OHM 1/10W 0603	R969
T8-HE9AS5B-MA1	09-55C6V8-DTX	SMD. DIODE 6.8V BZV55-C6V8	D704
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C960
T8-HE9AS5B-MA1	28-AB0102-KBX	SMD. CAP 1000 PF 50V +/-10% B	C961
T8-HE9AS5B-MA1	19-AB0151-JTX	RES SMD 150 OHM 1/10W 0603	R696
T8-HE9AS5B-MA1	19-AB0151-JTX	RES SMD 150 OHM 1/10W 0603	R698
T8-HE9AS5B-MA1	34-R150J2-OEX	COIL PL - 15 UH +/-5%	L609
T8-HE9AS5B-MA1	45-TRA4M5-0Y0	CER TRAP TPS 4.5MHZ	X601
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R690
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R693
T8-HE9AS5B-MA1	19-AB0000-JTX	RES SMD 0 OHM 1/10W +/-5% 0603	R699
T8-HE9AS5B-MA1	19-AB0333-JTX	RES. SMD 33K OHM 1/10W 0603	R695
T8-HE9AS5B-MA1	19-AB0683-JTX	RES SMD 68K OHM 1/10W 0603	R694
T8-HE9AS5B-MA1	19-AB0221-JTX	RES SMD 220 OHM 1/10W 0603	R691
T8-HE9AS5B-MA1	19-AB0102-JTX	RES SMD 1K OHM 1/10W 0603	R697
T8-HE9AS5B-MA1	28-BA0106-ZFX	SMD. CAP 10UF 10V +80%-20%	C699
T8-HE9AS5B-MA1	12-BT3904-0BX	SMD. TRANSISTOR MMBT3904LT1 (NPN)	Q605
T8-HE9AS5B-MA1	71-PHIBAR-NUL1A	TV PRI LABEL BARCODE -- R=Y	
H3-HE9AS5B-AG50	T8-HE9AS5B-PA2	ASS'Y - PACKING PARTSASY	
T8-HE9AS5B-PA2	51-DC0180-12R0FG	POWER CORD 1800MM NF-USE-1336 IEC227	
T8-HE9AS5B-PA2	54-LCPVC6-000	INLAY	
T8-HE9AS5B-PA2	75-854470-EC0	TV RAW POLYFOAM LL -- 00 00 R=Y	
T8-HE9AS5B-PA2	75-854480-EC0	TV RAW POLYFOAM LR -- 00 00 R=Y	
T8-HE9AS5B-PA2	75-854490-EC0	TV RAW POLYFOAM UL -- 00 00 R=Y	
T8-HE9AS5B-PA2	75-854500-EC0	TV RAW POLYFOAM UR -- 00 00 R=Y	
T8-HE9AS5B-PA2	89-26772S-JZ001	SUNDRIES-TAPE ADHESIVE	
T8-HE9AS5B-PA2	89-26772S-JZ002	SUNDRIES-TAPE ADHESIVE	

T8-HE9AS5B-PA2	T8-HE9AS5B-PA2Z	ASS'Y - PACKING PARTS ARFASY	
T8-HE9AS5B-PA2Z	72-LE9A5B-E001A	TV IB L42E9AF/MS91 TCL R=Y	
T8-HE9AS5B-PA2Z	74-026035-6WE1C	PLASTIC BAG	
T8-HE9AS5B-PA2Z	74-106072-3WD1B	DEC BAG MAIN 106X72 -- 00 1B 00 R=Y	
T8-HE9AS5B-PA2Z	76-854510-0AT	TV RAW CARTON-BOX 32E9_RUSSIA 00 00 00 R	
H3-HE9AS5B-AG50	T8-HE9AS5B-PB1	TV ASY CABINET ASS Y - PANEL SUPPORT PAR	
T8-HE9AS5B-PB1	4A-LCD32T-SS4	LCD PANEL LTA320AB01	
T8-HE9AS5B-PB1	62-839360-0HGG	TV RAW SUPPORT PANEL SUPPORTER L -- 01 0	
T8-HE9AS5B-PB1	62-839370-0HGG	TV RAW SUPPORT PANEL SUPPORTER R -- 01 0	
T8-HE9AS5B-PB1	64-B40120-304G	SCREW B4X12	MTG SUPPORTER FOR PANEL&SUPPORTER GIRDER
T8-HE9AS5B-PB1	64-B40160-102G	SCREW 4MM 16MM ISO 53 R=Y	MTG SUPPORTER FOR PANEL & PANEL
T8-HE9AS5B-PB1	67-M83938-0G0	TV RAW SUPPORT PANEL SUPPORTER FRAME L -	
T8-HE9AS5B-PB1	67-M83939-0G0	TV RAW SUPPORT PANEL SUPPORTER FRAME R -	
T8-HE9AS5B-PB1	67-M83942-2E4	TV RAW SUPPORT PANEL GIRDER -- 02 00 00	
T8-HE9AS5B-PB1	59-377680-000	RUBBER PAD (22X22X5MM)	MTG TO TOP LEFT PANEL
T8-HE9AS5B-PB1	54-205140-000	SPACER CRT MOUNTING T=2MM	MTG TO TOP RIGHT PANEL
H3-HE9AS5B-AG50	T8-HE9AS5B-RC2	TV ASY CABINET ASS Y - REAR CABINET R=N	
T8-HE9AS5B-RC2	35-FB1329-009	FERR BEAD ZCAT2436-1330A	FOR SPEAKER LINE
T8-HE9AS5B-RC2	42-07008F-XX1G	SPEAKER YD70-7T, 8Ω 8W	
T8-HE9AS5B-RC2	46-40299H-01XG	WIRE UL1617#18 250MM 1	FROM POWER BD TO M. BD
T8-HE9AS5B-RC2	46-BB350B-SS4H1G	WIRE N 350MM 40	
T8-HE9AS5B-RC2	46-CV060T-06A01G	WIRE TJC3 600/400MM 2	M. BD P702 TO SPEAKER
T8-HE9AS5B-RC2	46-FF065T-07M05G	WIRE UL2547#26 650MM 7	FROM M. BD P700 TO ERAPHONE BD P4
T8-HE9AS5B-RC2	46-FF070T-06X01G	HS 6PIN TCL1403	
T8-HE9AS5B-RC2	46-FL050T-28B01G	WIRE UL1007#26 A2006-28Y/PH-14 500MM 28	FROM POWER BD TO BACKLIGHT BD
T8-HE9AS5B-RC2	46-FL060T-12X02G	WIRE UL2547#28/UL2584#28 A2006H00-2*6P/A	M. BD P303 TO TCON BD&KEY BD&IR BD
T8-HE9AS5B-RC2	46-KQ030F-02E01G	HS Y0510026.2	FROM POWER SWITCH TO POWER BD
T8-HE9AS5B-RC2	46-LL035T-16B02G	WIRE N 350MM 16	POWER TO M. BD P803
T8-HE9AS5B-RC2	46-LL070T-12X02G	WIRE UL2725 700MM 12	
T8-HE9AS5B-RC2	46-SV040T-02A01G	WIRE UL1007#22 SMP-2Y L=400 400MM 2	WOOFER SPEAKER WIRE
T8-HE9AS5B-RC2	47-PWS034-DX5	SOCKET-SF 电源线卡座 ST MALE	
T8-HE9AS5B-RC2	48-POW016-XX0G	POWER SWITCH PS8-12-C-045	
T8-HE9AS5B-RC2	54-703410-000	BLACK SPONGE (154MMX15MMX2MM)	MTG TO REAR CABINET
T8-HE9AS5B-RC2	54-857740-0U0	SPONGE -- 315.9MM X_6MM 20MM R=Y	FOR AV SOCKET
T8-HE9AS5B-RC2	54-EM2030-0U2	EMC FOAM	FOR POWER BRACKET
T8-HE9AS5B-RC2	54-EM2520-0U2	TAPE-ADH FOIL ALUMINUM FOIL -- R=Y	FOR AV SOCKET
T8-HE9AS5B-RC2	54-EM2545-0U2	EMC FOAM	FOR SHIELD BOX
T8-HE9AS5B-RC2	57-80794X-0UG	UNI-TIE	FOR AC LINE
T8-HE9AS5B-RC2	57-KYCL01-0HF	UNI-TIE	FOR SIDE AV AND HEADPHONE LINE
T8-HE9AS5B-RC2	57-KYCL01-0HF	UNI-TIE	FOR INVERTER LINE

T8-HE9AS5B-RC2	59-842690-000	TV RAW CUSHION SOUND BOX RUBBER 00 00 R=	MTG TO WOOFER COVER
T8-HE9AS5B-RC2	62-839320-0HN	TV RAW COVER WOOFER BOX -- 01 00 00 R=N	MTG TO REAR CABINET
T8-HE9AS5B-RC2	62-839340-0HN	TV RAW COVER WOOFER COVER -- 01 00 00 R=	MTG TO WOOFER COVER
T8-HE9AS5B-RC2	62-842830-0UNG	TV RAW COVER BOSS -- 00 00 00 R=Y	MTG TO REAR CABINET
T8-HE9AS5B-RC2	63-B30100-AB3G	SCREW-ST 3MM 10MM JIS B 1122 12 0 0 R=Y	MTG TO AV BRACKET
T8-HE9AS5B-RC2	63-B30100-AB3G	SCREW-ST 3MM 10MM JIS B 1122 12 0 0 R=Y	MTG SENSOR PCB & REAR CABINET
T8-HE9AS5B-RC2	63-B30120-AB3G	SCREW-ST 3MM 12MM ISO R=Y	MTG AC POWER SOCKET & REAR CABINET
T8-HE9AS5B-RC2	63-B30150-AB4G	SCREW-ST 3MM 15MM ISO 53 R=Y	MTG POWER PCB BRACKET & REAR CABINET
T8-HE9AS5B-RC2	63-B40100-AB3G	SCREW-ST 4MM 10MM ISO 12 R=Y	MTG SIDE AV BRACKET & REAR CABINET
T8-HE9AS5B-RC2	63-B40150-AB3G	SCREW-ST 4MM 15MM ISO 62 R=Y	MTG FRONT CABINET & REAR CABINET
T8-HE9AS5B-RC2	63-S40150-AB3G	S/T SCREW S 4 X 15 AB	MTG WOOFER BOX & REAR CABINET
T8-HE9AS5B-RC2	63-B30100-AB3G	SCREW-ST 3MM 10MM JIS B 1122 12 0 0 R=Y	MTG CHASSIS & REAR CABINET
T8-HE9AS5B-RC2	63-W30120-AB3G	S/T SCREW W 3 X 12 AB	MTG SPEAKER & WOOFER BOX
T8-HE9AS5B-RC2	63-W30120-AB3G	S/T SCREW W 3 X 12 AB	MTG WOOFER BOX & WOOFER COVER
T8-HE9AS5B-RC2	67-M84557-1G0	TV RAW HOLDER POWER -- 01 00 R=Y	
T8-HE9AS5B-RC2	89-BX8915-JZ0U	SUNDRIES-TAPE ADHESIVE 18MMX55M --	FOR SPEAKER LINE
T8-HE9AS5B-RC2	T8-HE9AS5B-RC2Z	TV ASY CABINET ASS Y - REAR CABINET (ART)	
T8-HE9AS5B-RC2Z	55-839270-0CL1A	TV DEC BACKCOVER L32E9 -- 00 1A 00 R=Y	
T8-HE9AS5B-RC2Z	56-839290-0HN1A	TV DEC LENS L32E9A/MS91 -- R=Y	
T8-HE9AS5B-RC2Z	56-839300-0HN1A	TV PRI COVER STANDING HOLE COVER -- 00 0	
T8-HE9AS5B-RC2Z	58-845120-0UI1C	TV PRI OVERLAY PLATE MODEL NO R=N	
T8-HE9AS5B-RC2Z	58-HE9AMP-JKL1B	TV DEC OVERLAY MODEL NO. -- 00 R=N	
T8-HE9AS5B-RC2Z	62-839350-0HG1A	TV PAI HOLDER VESA BOSS -- 00 00 R=N	MTG TO REAR CABINET
T8-HE9AS5B-RC2	54-700770-000	SPEAKER AIRPROOF STRIP 6MMX1MMX2000MM	
T8-HE9AS5B-RC2	54-114000-00X	TV RAW FELT PAPER 150MMX19MMX0.3MM BK 01	MTG TO BELOW OF THE CIRCUMSCRIBE
T8-HE9AS5B-RC2	54-701940-00X	FELT TAPE 870MMX20MMX0.3MM	MTG AV BRACKET & REAR CABINET
T8-HE9AS5B-RC2	57-00CM20-0UG	TV RAW HOLDER FASTENER -- 00 00 R=Y	FOR FERRITE CORE OF SPEAKER
T8-HE9AS5B-RC2	57-29635X-00F	CABLE TIES (4.8MMX160MM)	FOR FERRITE CORE OF SPEAKER
T8-HE9AS5B-RC2	63-T40160-BF3G	S/T SCREW T 4 X 16 BF	MTG FC & RC IN THE RC BENEATH
H3-HE9AS5B-AG50	V8-9P42CM3-LD1V001	SOFTWARE CODE	FOR U400
H3-HE9AS5B-AG50	V8-MS91L02-LF1V001	SOFTWARE CODE	FOR U303