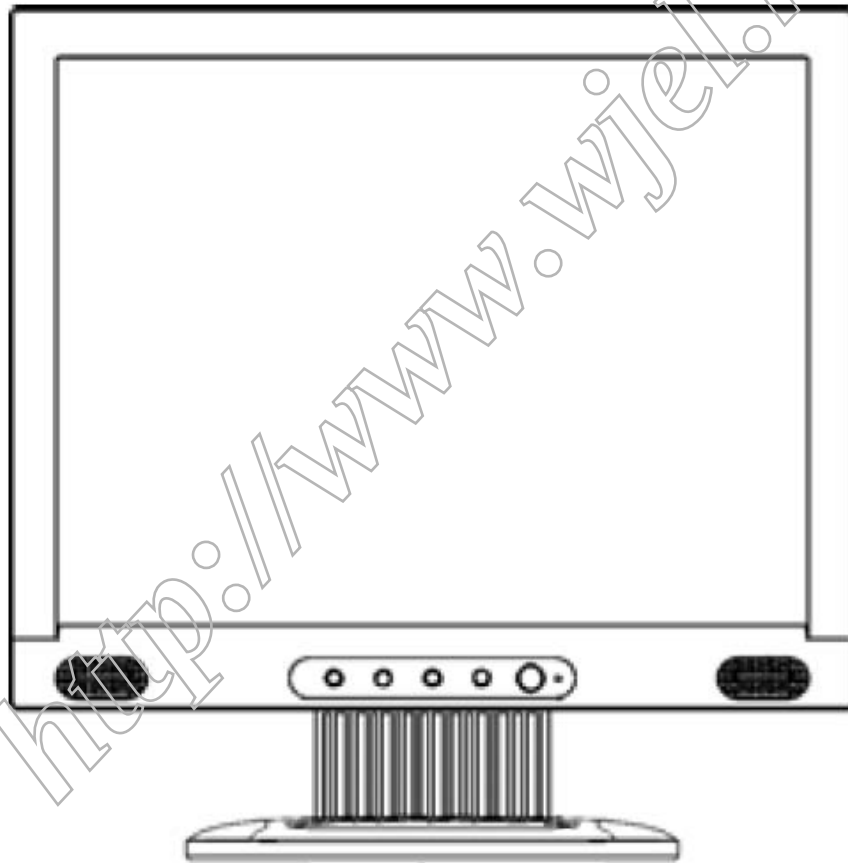


SERVICE MANUAL

19" LCD MONITOR

LM923



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REVISION LIST

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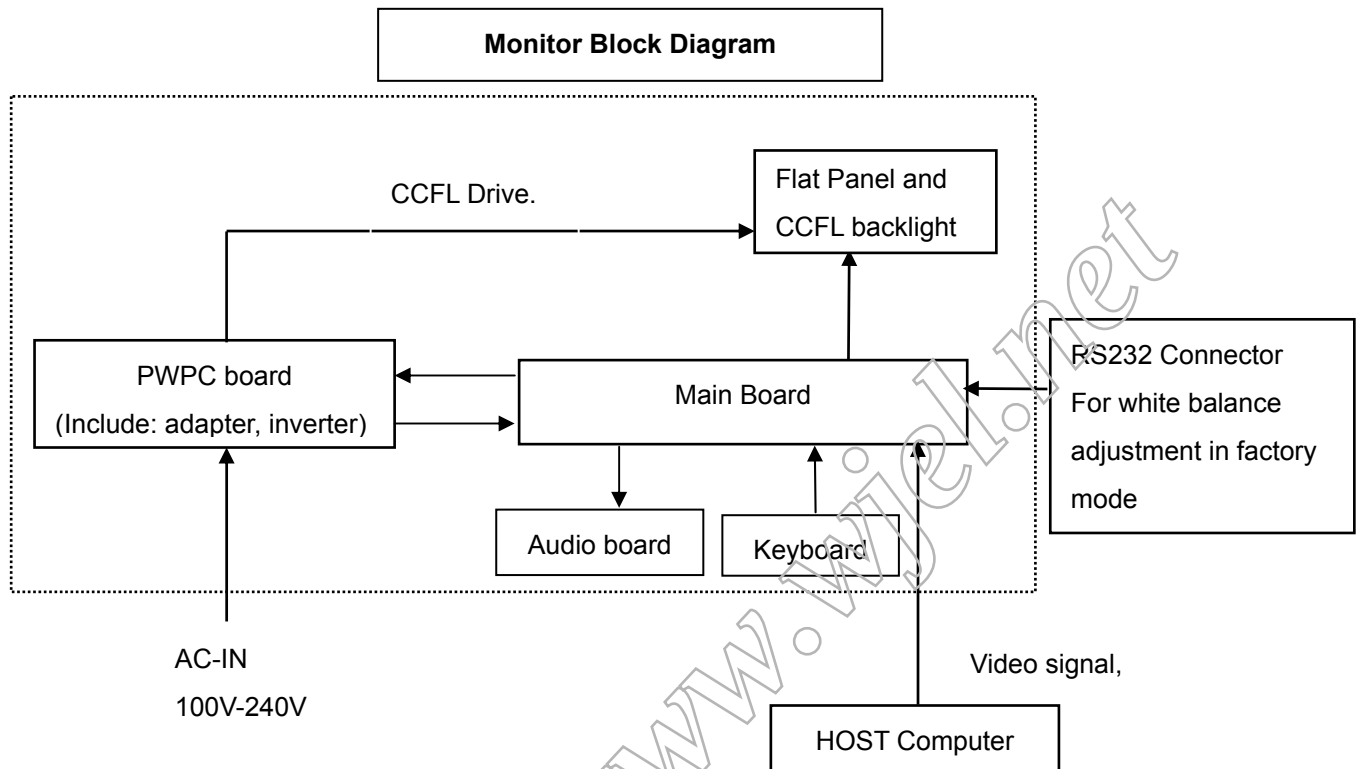
1.MONITOR SPECIFICATIONS

ITEMS	SPECIFICATIONS	
LCD Panel	Driving system	TFT LCD
	Size	48.0cm(19.0")
	Type	M190EN02
	Pixel pitch	0.294mm(H)x 0.294mm(V)
	Viewable angle	170° (H) 170° (V)
	Response time (type)	25 ms for AU panel
Input	Sync. Type	H/V TTL
	H-Frequency	30kHz – 83kHz
	V-Frequency	55-75Hz
Dot Clock	135MHz	
Contrast Ratio	700:1	
White Luminance	250cd/m ²	
Max. Resolution	1280 x 1024	
Plug & Play	VESA DDC2B™	
Power Consumption	ON Mode≤55W	
	OFF Mode≤2W	
Power Source	100~240VAC,47~63Hz	
Display Color	16.7M colors (RGB 8-bits data)	
Maximum Screen Size	Horizontal : 376.32mm Vertical: 301.056mm	
Environmental Considerations	Operating Temp: 0°C to 40°C Storage Temp: -20°C to 60°C Operating Humidity: 15% to 90%	

2. LCD MONITOR DESCRIPTION

The LCD MONITOR will contain a main board, a power board, a keypad board and an audio board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.



3. OPERATING INSTRUCTIONS

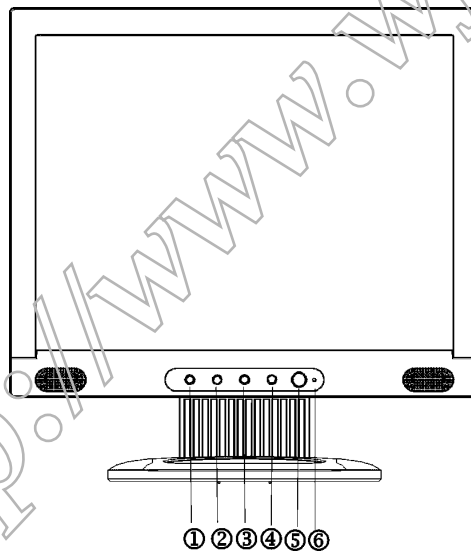
3.1 GENERAL INSTRUCTIONS

Press the power button to turn the monitor on or off. The other control buttons are located at front panel of the monitor. By changing these settings, the picture can be adjusted to your personal preferences.

- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor, the power indicator will light up.

3.2 CONTROL BUTTONS

- **Power Button:**
When pressed, the monitor enters the off mode, and the LED turns blank. Press again to restore normal status.
- **Left / Right Button:**
The Left/Right Button is used to control the monitor functions. Press to switch functions or adjust settings.
- **Auto Adjust Key:**
The Auto Adjust Key is used to automatically set the H Position, V Position, Clock and Phase.
- **Power Indicator:**
Green — Power On mode.
Orange — Power Saving mode.
Blank —Power Off Mode.

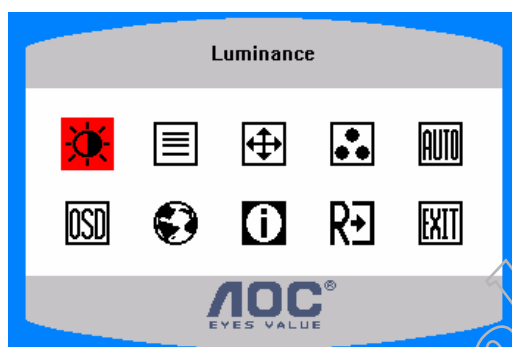


O.	Name	Within OSD	Without OSD
1	Auto/Exit	Exit OSD or back to previous menu	Auto configuration
2	Volume down/◀	1.Move the cursor to down 2.Decrease the value of the selected item	Activate the volume menu
3	Volume up / ▶	1.Move the cursor to up 2.Increase the value of the selected item	Activate the volume menu
4	MENU/ENTER	Select Function or select Sub menu	Activate OSD main menu
5	POWER	Power On / Off	Power On / Off
6	LED	Green—On Orange—Save	Green—On Orange—Save

3.3 ADJUSTING THE PICTURE

Adjustment steps:

1. Press the MENU-button to activate the OSD window.
2. Press < or > to select the desired function.
3. Press the MENU-button to select the function that you want to adjust.
4. Press < or > to change the settings of the current function.
5. To exit and save, select the exit function, or leave the monitor alone for 10 seconds. If you want to adjust any other function, repeat steps 2-4.



OSD TABLE:

Main Menu Item	Main Menu Icon	Sub Menu Item	Sub Menu Icon	Description
Luminance		Contrast		Contrast from Digital-register.
		Brightness		Backlight Adjustment
Image Setup		Focus		Adjust Picture Phase to reduce Horizontal-Line noise
		Clock		Adjust picture Clock to reduce Vertical-Line noise.
Image Position		H. Position		Adjust the horizontal position of the picture.
		V. Position		Adjust the vertical position of the picture.
Color Temp.		Warm	N/A	Recall Warm Color Temperature from EEPROM.
		Cool	N/A	Recall Cool Color Temperature from EEPROM.
		User / Red	R	Red Gain from Digital-register.
		User / Green	G	Green Gain Digital-register.

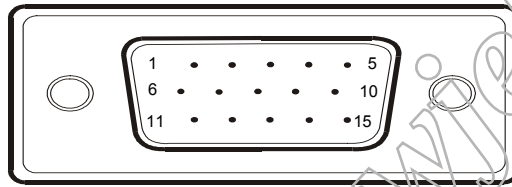
		User / Blue	B	Blue Gain from Digital-register.
Auto Config (Analog-Only Model)		Yes	N/A	Auto Adjust the H/V Position, Focus and Clock of picture.
		No	N/A	Do not execute Auto Config, return to main menu.
OSD Setup		H. Position		Adjust the horizontal position of the OSD.
		V. Position		Adjust the vertical position of the OSD.
		OSD Timeout		Adjust the OSD timeout.
Language		English	N/A	Set OSD display language to English.
		Deutsch	N/A	Set OSD display language to German.
		Français	N/A	Set OSD display language to French.
		Español	N/A	Set OSD display language to Spain.
		Italiano	N/A	Set OSD display language to Italian.
		简体中文	N/A	Set OSD display language to Simplified Chinese.
Information		Information	N/A	Show the resolution, H/V frequency and input port of current input timing.
Reset		Yes	N/A	Clear each old status of Auto-configuration and set the color temperature to Cool.
		No	N/A	Do not execute reset, return to main menu.
Exit		N/A	N/A	Exit OSD

4. INPUT/OUTPUT SPECIFICATION

4.1 INPUT SIGNAL CONNECTOR

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1.	Red Video	9.	+5V
2.	Green Video	10.	Detect Cable
3.	Blue Video	11.	NC
4.	Ground	12.	DDC-Serial Data
5.	Ground	13.	H-Sync
6.	Red Ground	14.	V-Sync
7.	Green Ground	15.	DDC-Serial Clock
8.	Blue Ground		

VGA connector layout



4.2 FACTORY PRESET DISPLAY MODES :

STANDARD	RESOLUTION	HORIZONTAL FREQUENCY	VERTICAL FREQUENCY
Dos-mode	720 x 400	31.47kHz	70.0Hz
VGA	640 × 480	31.47kHz	60.0Hz
	640 × 480	37.50kHz	75.0Hz
SVGA	800 × 600	37.879kHz	60.0Hz
	800 × 600	46.875kHz	75.0Hz
XGA	1024 × 768	48.363kHz	60.0Hz
	1024 × 768	56.476kHz	70.0Hz
	1024 × 768	60.021kHz	75.0Hz
SXGA	1280 × 1024	64.000kHz	60.0Hz
	1280 × 1024	80.000kHz	75.0Hz

4.3 POWER SUPPLY REQUIREMENTS

A/C Line voltage range	100 V ~ 240 V
A/C Line frequency range	50 ± 3Hz, 60 ± 3Hz
Current	1.5A max at 100V; 0.8A max at 240 V
Peak surge current	< 55A peak at 240 VAC and cold starting
Leakage current	< 3.5mA
Power line surge	No advance effects (no loss of information or defect) with a maximum of 1 half-wave missing per second
DC output Voltage	5VDC ± 5%; 12VDC ± 5%
CURRENT	1.5Amp (5V) ; 2 Amp (12V)

4.4 PANEL SPECIFICATION

4.4.1 Display Characteristics

ITEMS	Unit	SPECIFICATIONS
Screen Diagonal	[mm]	480(19")
Active Area	[mm]	376.32 (H) x 301.056 (V)
Pixels H x V		1280(x3) x 1024
Pixel Pitch	[mm]	0.294 (per one triad) x 0.294
Pixel Arrangement		R.G.B. Vertical Stripe
Display Mode		Normally Black
White Luminance (Center)	[cd/m ²]	250 cd/m ² @7mA (Typ)
Contrast Ratio		700 : 1 (Typ)
Optical Response Time	[msec]	25 (Typ)
Nominal Input Voltage VDD	[Volt]	+5.0 V
Power Consumption (VDD line + CCFL line)	[Watt]	40W (typ.) (w/o Inverter, All white pattern)
Weight	[Grams]	2700 (Typ)
Physical Size	[mm]	404.2(W) x 330(H) x 20(D) (Typ)
Electrical Interface		Even/Odd R/G/B data, 3 sync signal, Clock
Support Color		16.7M colors (RGB 8-bit data)
Temperature Range Operating Storage (Shipping)	[°C] [°C]	0 to +50 -20 to +60

4.4.2 Optical Characteristics

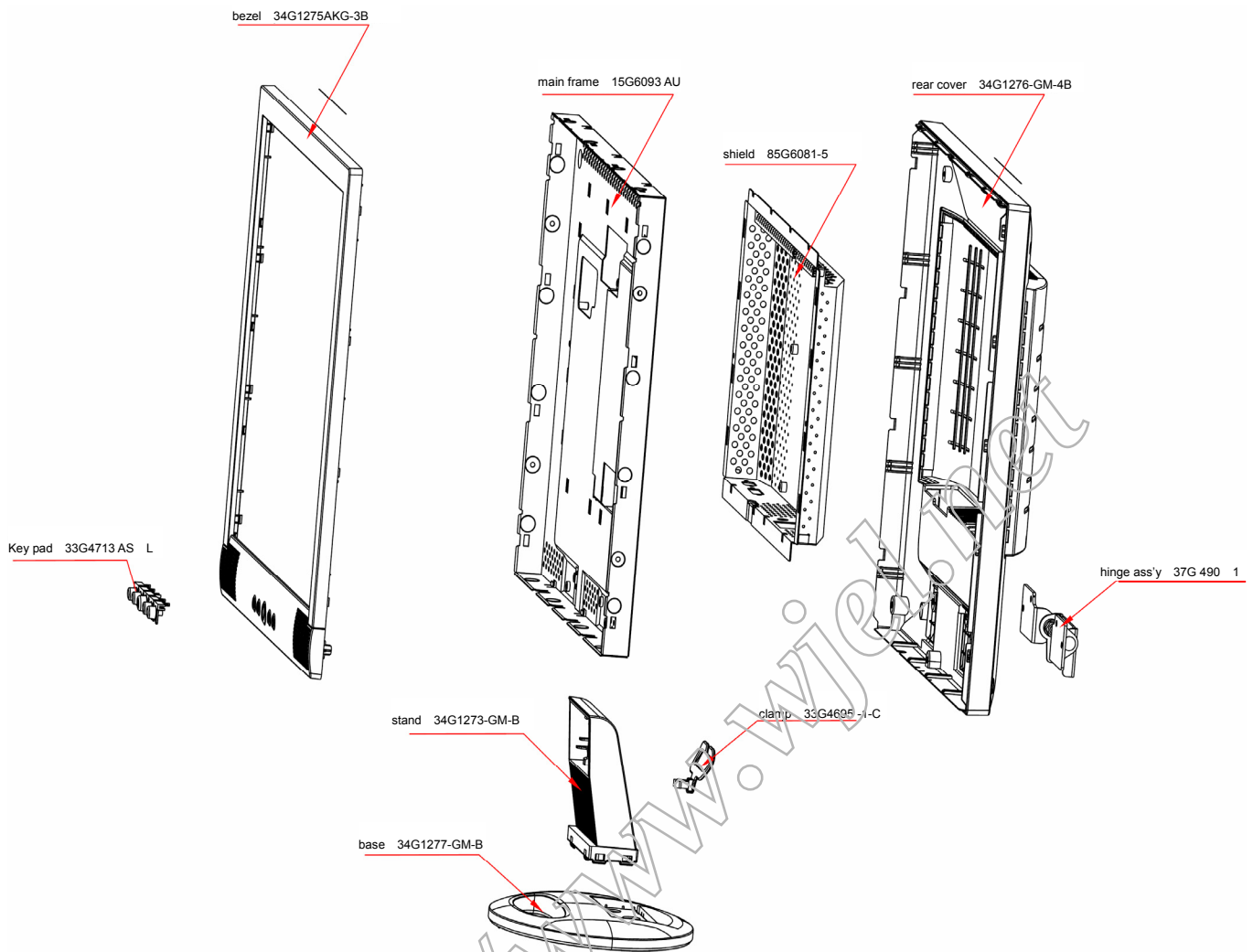
Item	Unit	Conditions	Min.	Typ.	Max.
Viewing Angle	[degree]	Horizontal (Right)	75	85	-
	[degree]	CR = 10 (Left)		85	-
	[degree]	Vertical (Up)	75	85	-
	[degree]	CR = 10 (Down)		85	-
Contrast ratio		Normal Direction	400	700	
Response Time (Note 1)	[msec]	Raising Time	-	15	25
	[msec]	Falling Time	-	10	15
	[msec]	Raising + Falling	-	25	40
Color / Chromaticity Coordinates (CIE)		Red x	0.604	0.634	0.664
		Red y	0.324	0.354	0.384
		Green x	0.278	0.308	0.338
		Green y	0.576	0.606	0.636
		Blue x	0.108	0.138	0.168
		Blue y	0.057	0.087	0.117
Color Coordinates (CIE) White		White x	0.28	0.31	0.34
		White y	0.30	0.33	0.36
White Luminance at CCFL 7.0mA (central point)	[cd/m ²]		200	250	-
Luminance Uniformity (Note 2)	[%]		75	80	-
Crosstalk (in75Hz) (Note 3)	[%]				1.5

4.4.3 Parameter guide line for CCFL Inverter

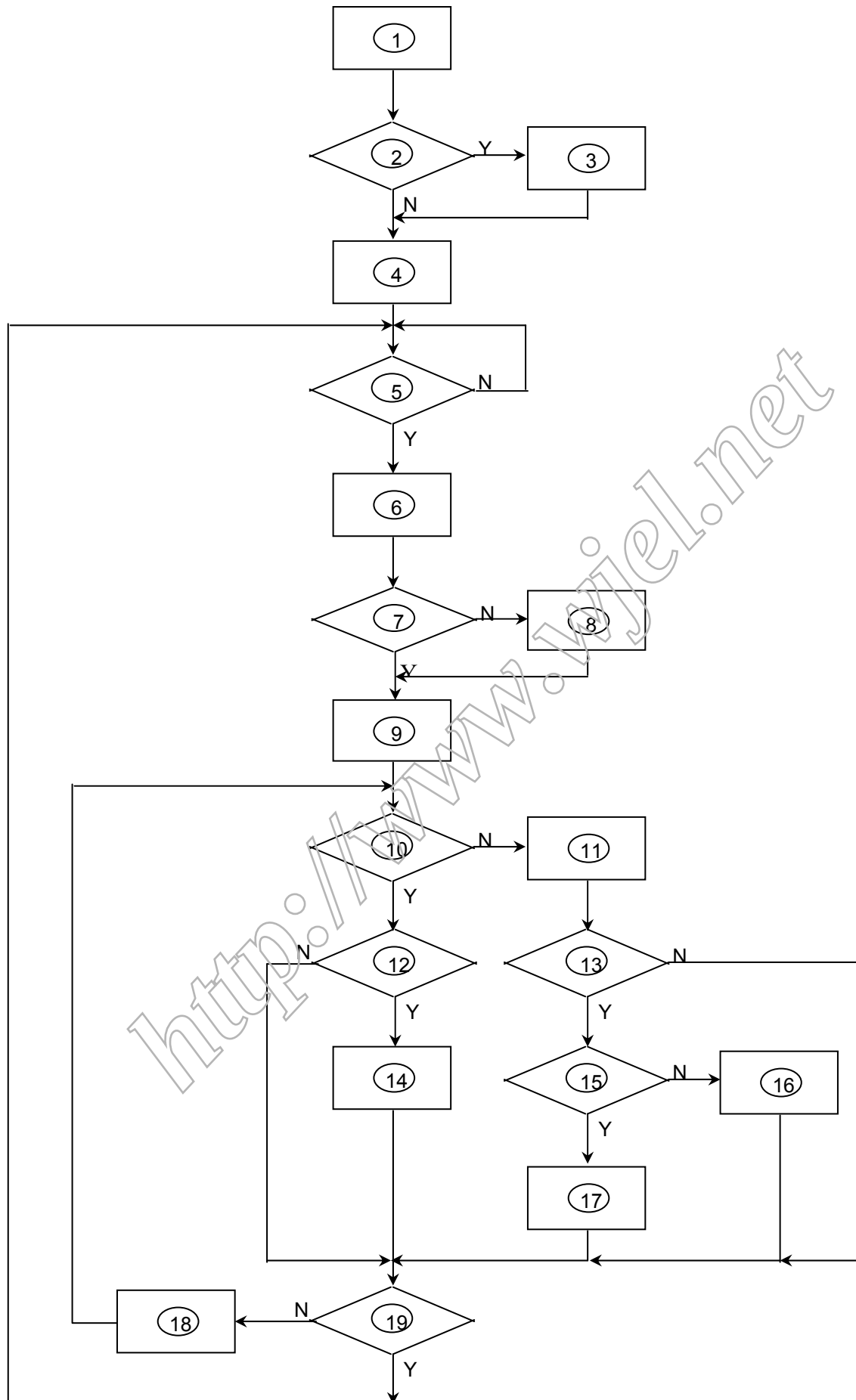
Symbol	Parameter	Min	Typ	Max	Units	Condition
(L255)	White Luminance	200	250	-	[cd/m ²]	(Ta=25°C)
ISCFL	CCFL standard current	6.5	7.0	7.5	[mA] rms	(Ta=25°C)
IRCFL	CCFL operation range	3.0	7.0	7.5	[mA] rms	(Ta=25°C)
fCFL	CCFL Frequency	40	50	60	[KHz]	(Ta=25°C) Note 1
ViCFL (0°C)	CCFL Ignition Voltage	1800			[Volt] rms	(Ta=0°C) Note 2
ViCFL (25°C)	CCFL Ignition Voltage	1500			[Volt] rms	(Ta=25°C) Note 2
VCFL	CCFL Discharge Voltage (Reference)	660	720	780	[Volt] rms	(Ta=25°C) Note 3
PCFL	CCFL Power consumption	17.16	20.16	23.4	[Watt]	(Ta=25°C) Note 3

5. BLOCK DIAGRAM

5.1 MONITOR EXPLODED VIEW



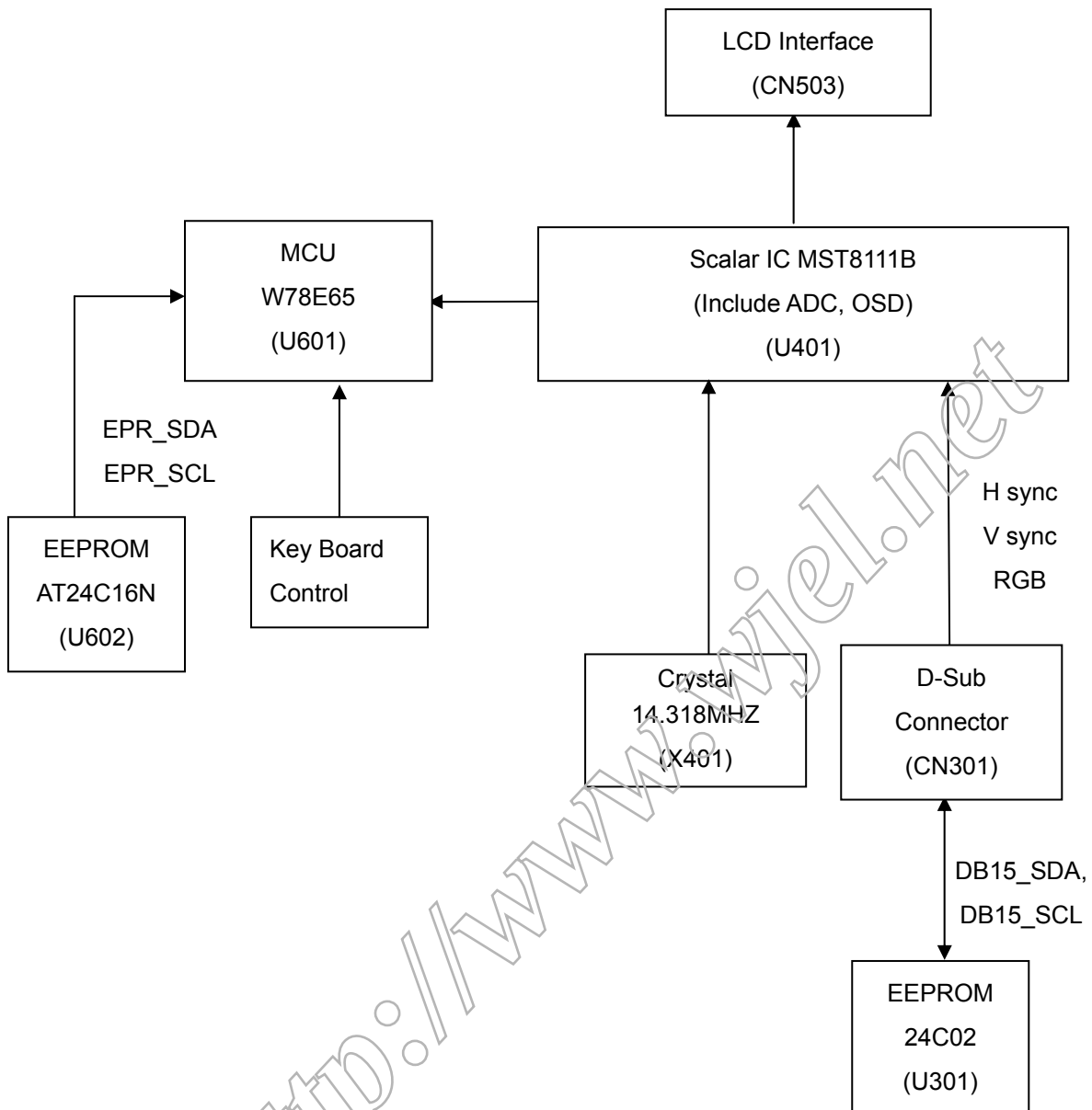
5.2 SOFTWARE FLOW CHART



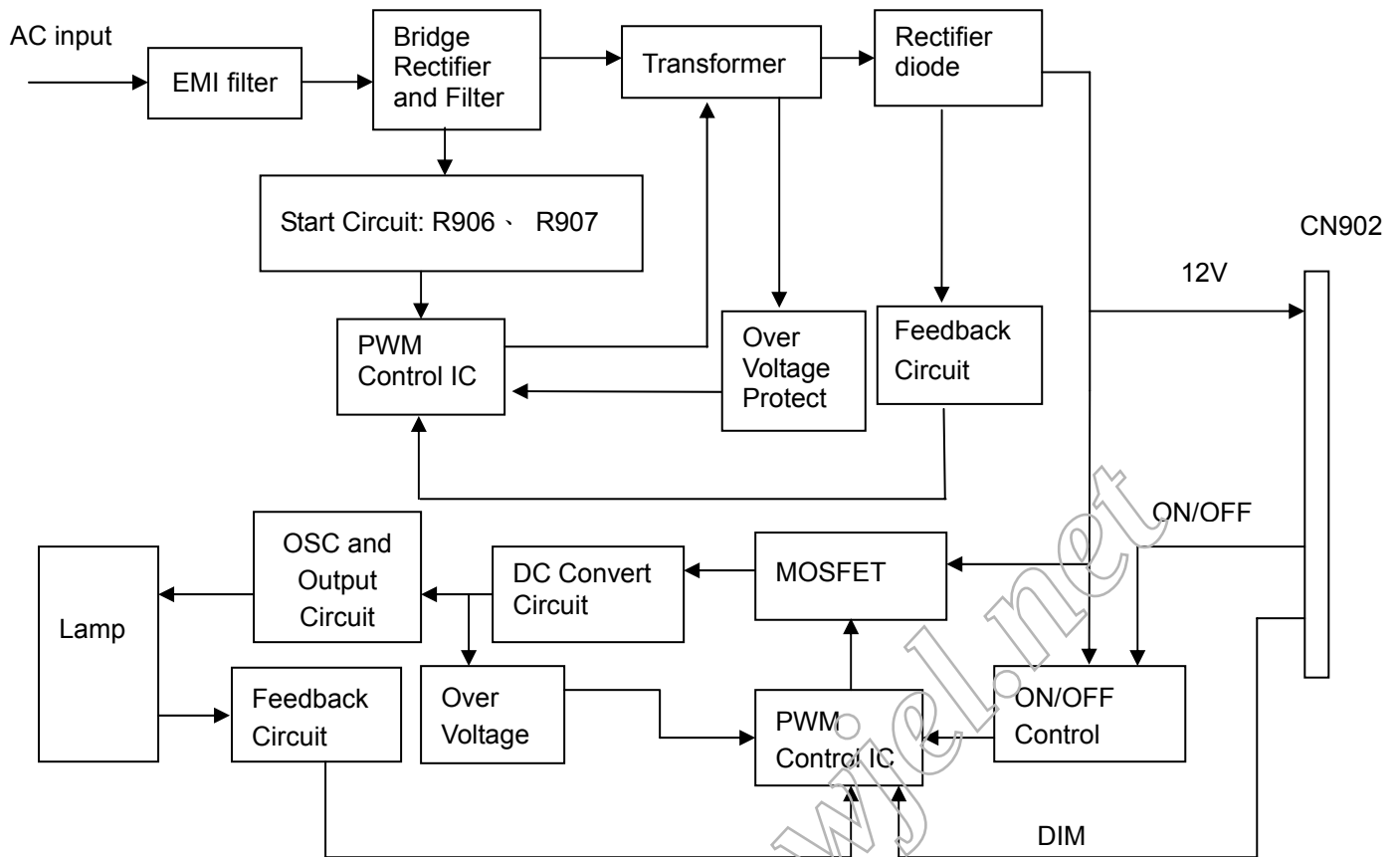
- 1) MCU initialize.
- 2) Is the EPROM blank?
- 3) Program the EPROM by default values.
- 4) Get the PWM value of brightness from EPROM.
- 5) Is the power key pressed?
- 6) Clear all global flags.
- 7) Are the AUTO and SELECT keys pressed?
- 8) Enter factory mode.
- 9) Save the power key status into EPROM.
Turn on the LED and set it to green color.
Scalar initializes.
- 10) In standby mode?
- 11) Update the lifetime of back light.
- 12) Check the analog port, are there any signals coming?
- 13) Does the scalar send out an interrupt request?
- 14) Wake up the scalar.
- 15) Are there any signals coming from analog port?
- 16) Display "No connection Check Signal Cable" message. And go into standby mode after the message disappear.
- 17) Program the scalar to be able to show the coming mode.
- 18) Process the OSD display.
- 19) Read the keyboard. Is the power key pressed?

5.3 ELECTRICAL BLOCK DIAGRAM

5.3.1 Main Board



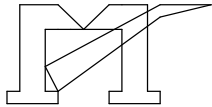
5.3.2 Inverter/Power Board



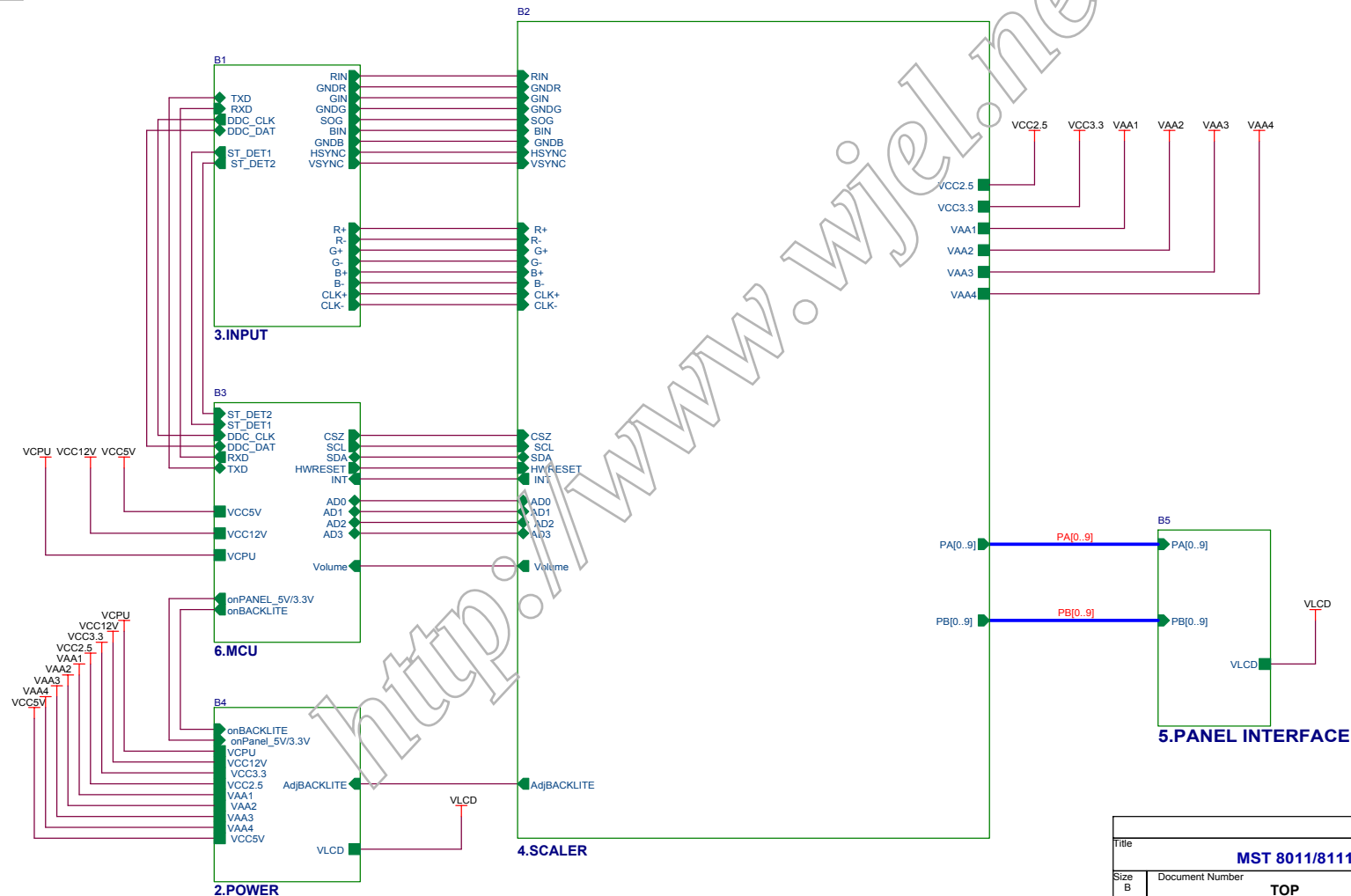
6. SCHEMATIC

6.1 MAIN BOARD

715L1237-1

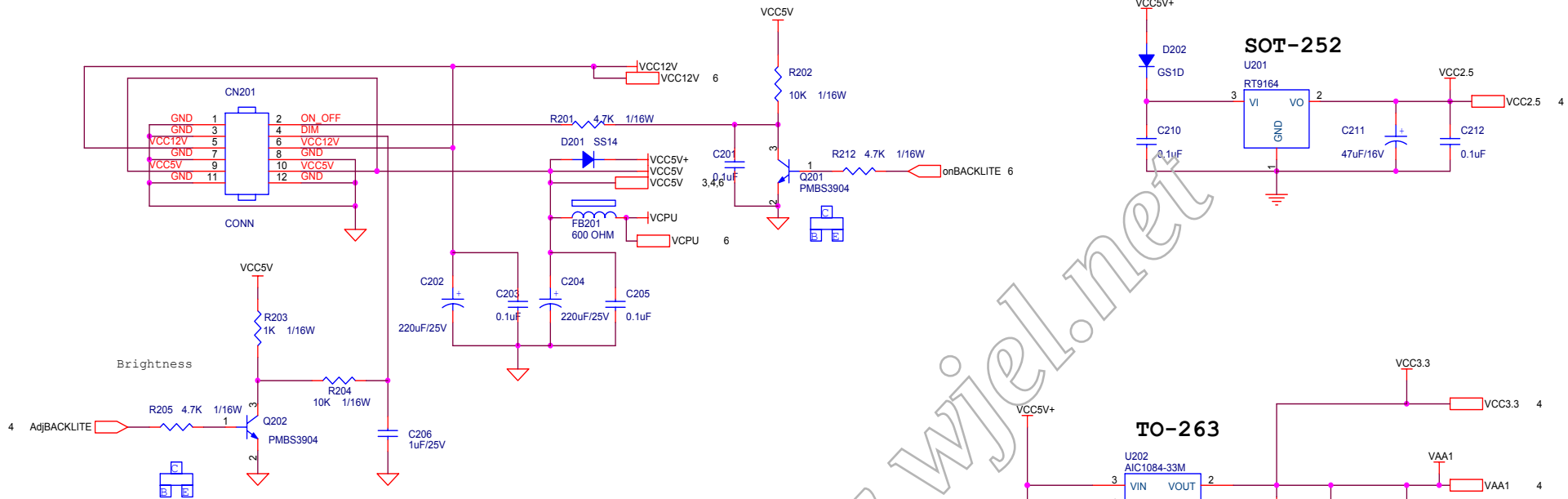


MST 8011/8111 SCHEMATIC

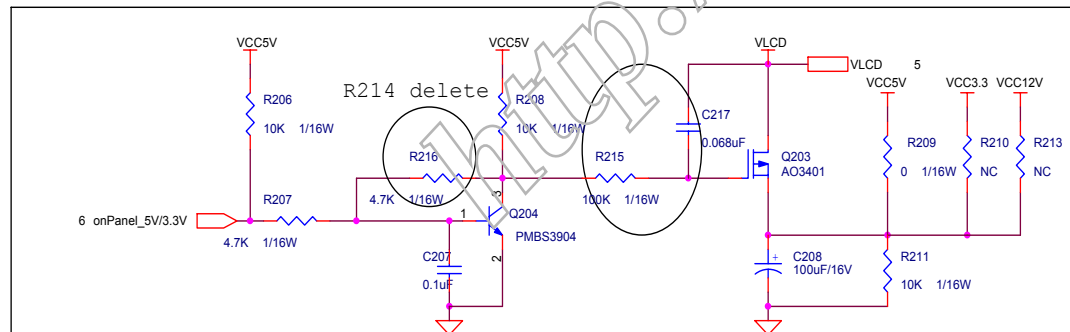


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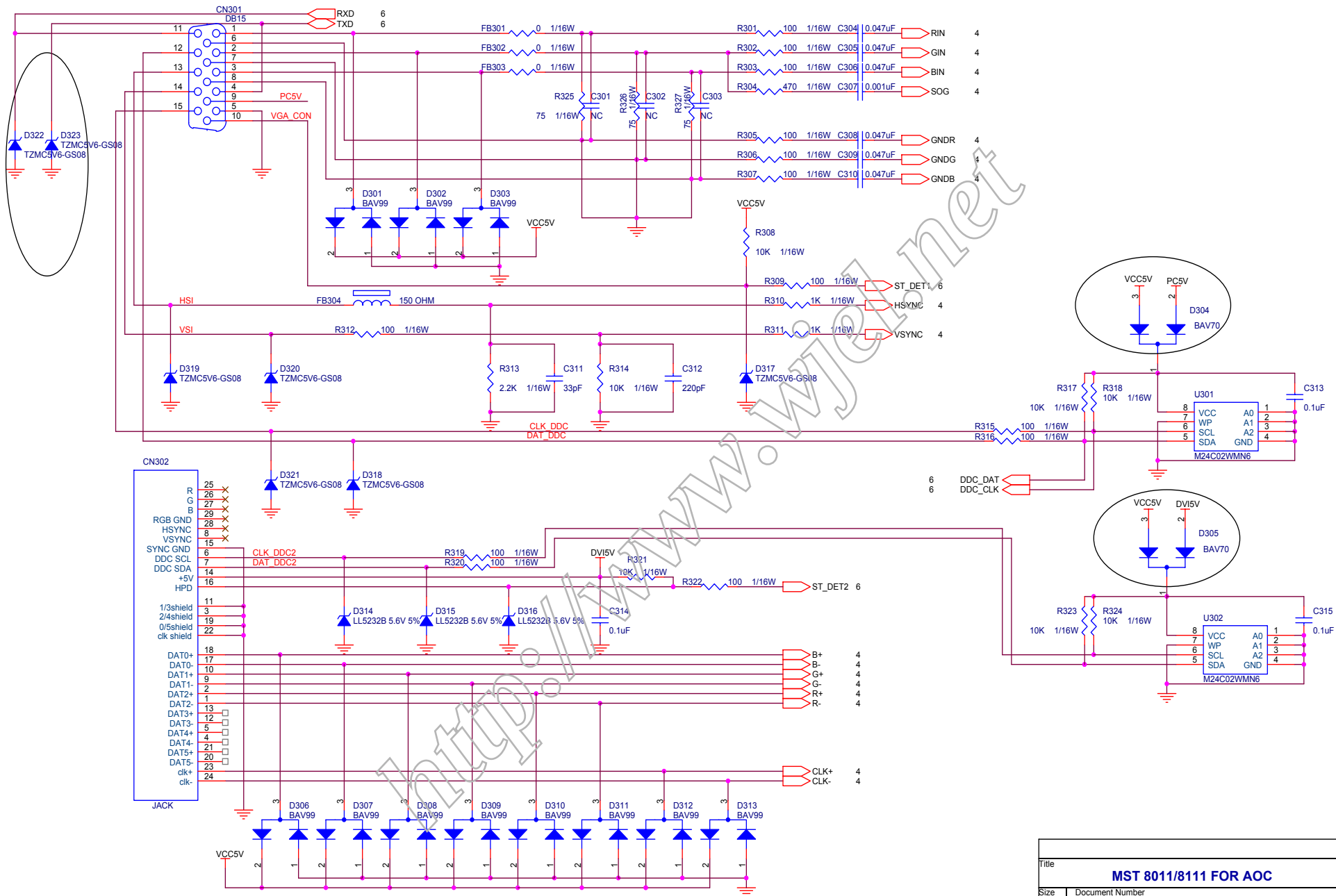
AOC LM923



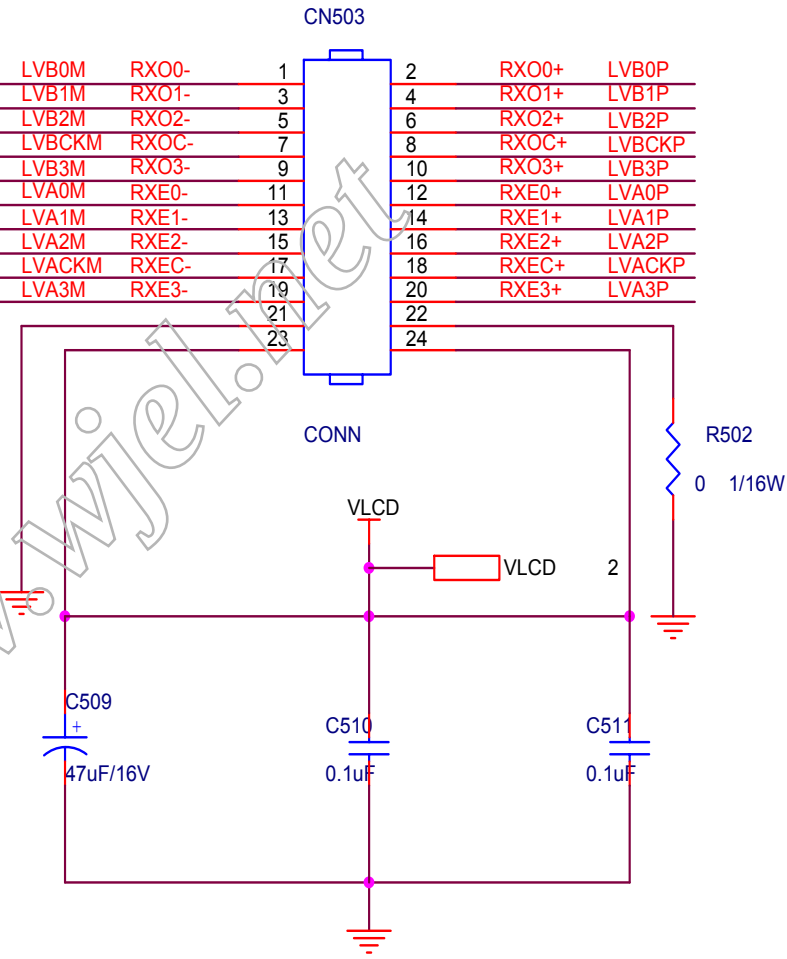
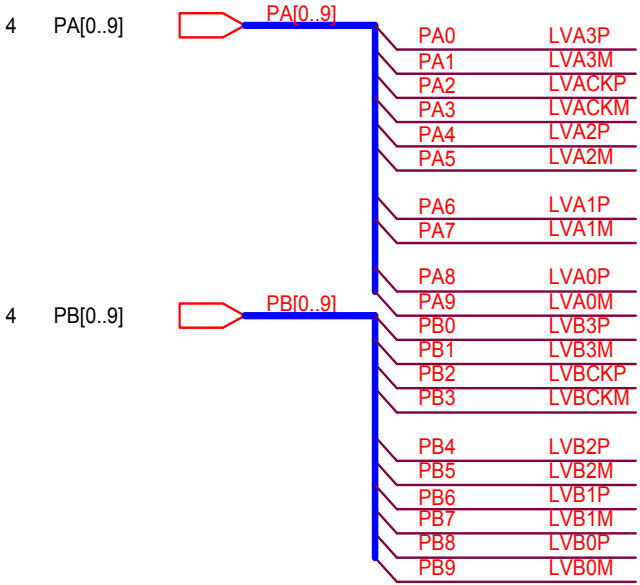
NEW Circuit



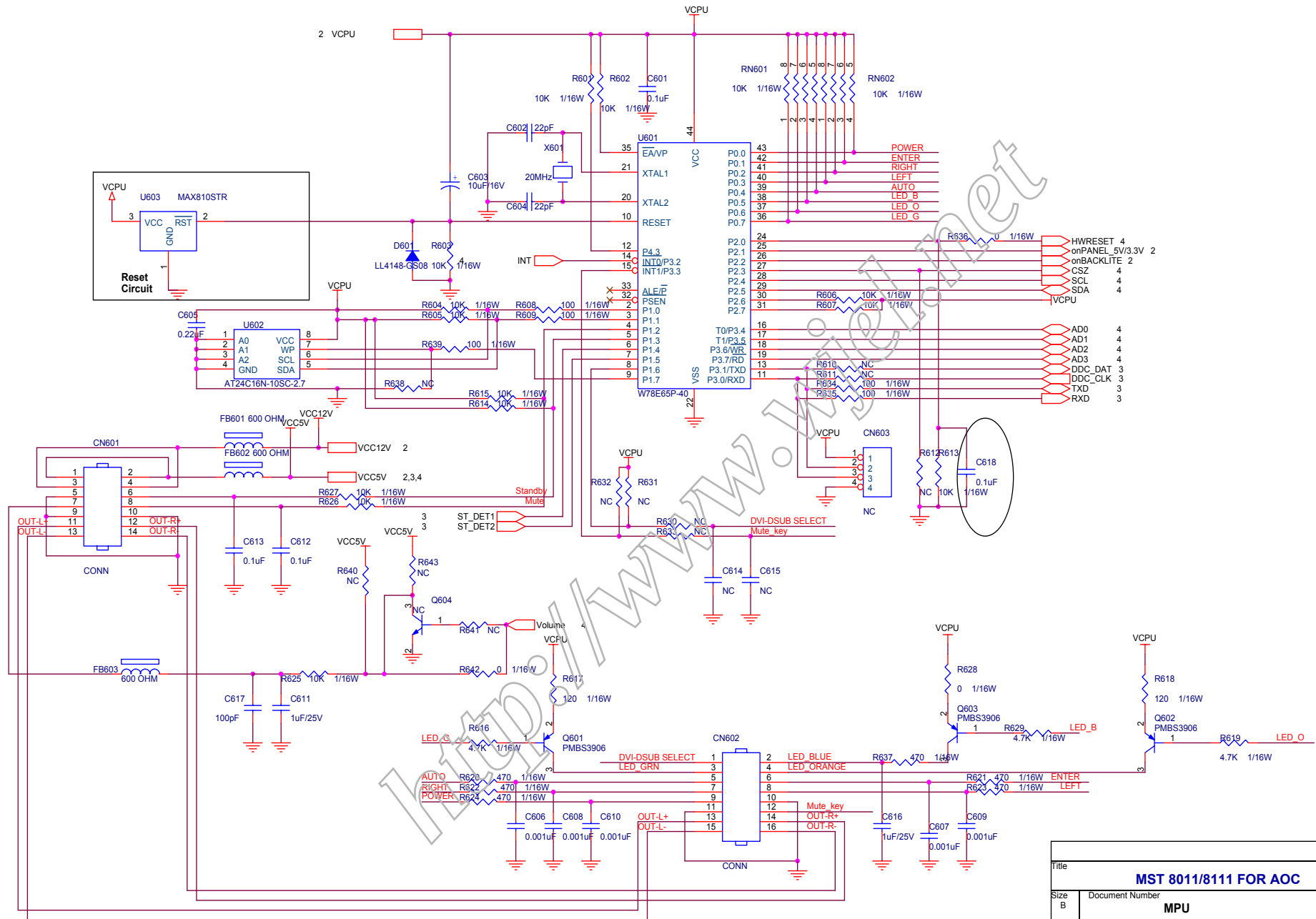
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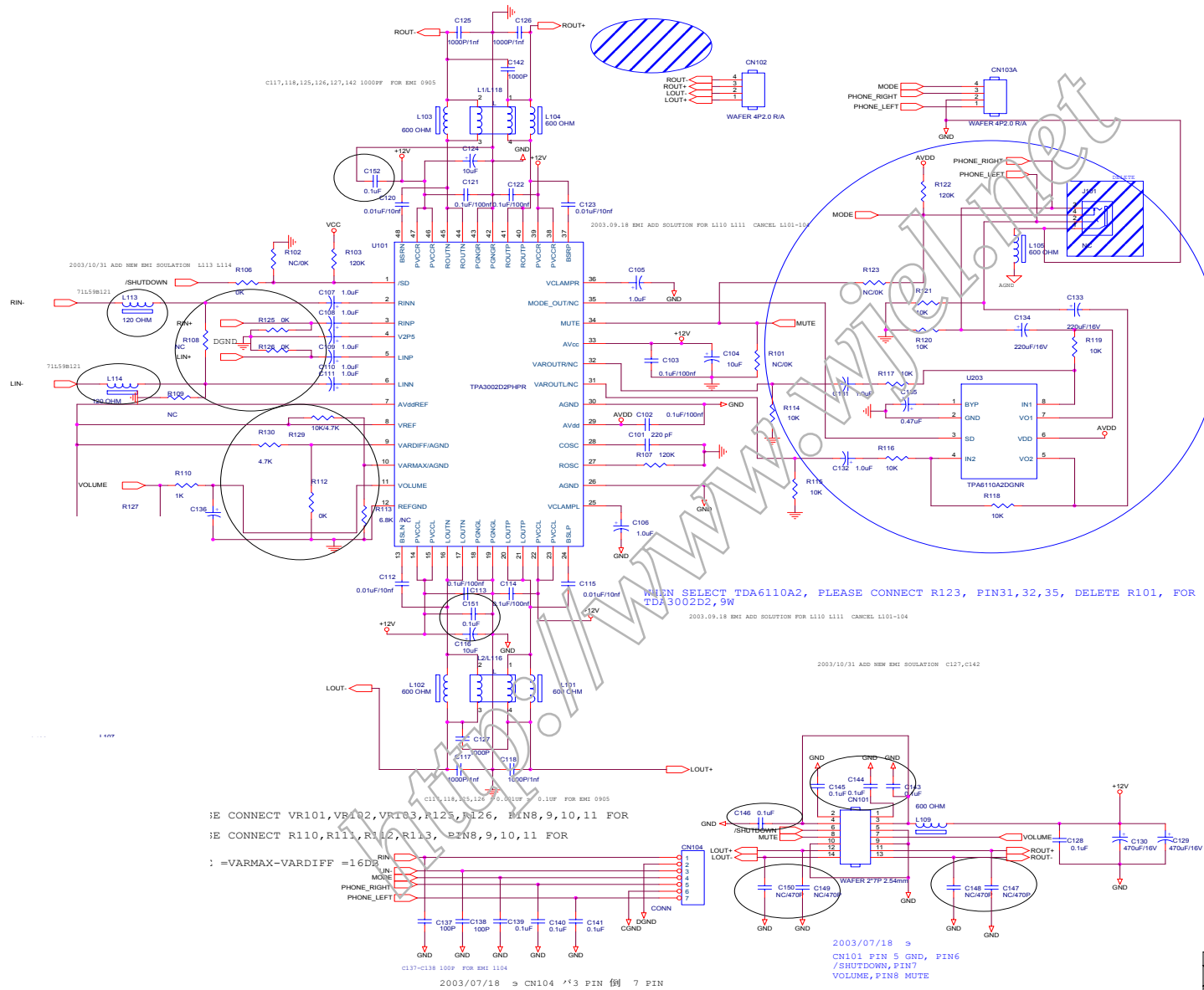
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Date:	Wednesday, November 10, 2004	Sheet 6 of 6

6.2 AUDIO BOARD

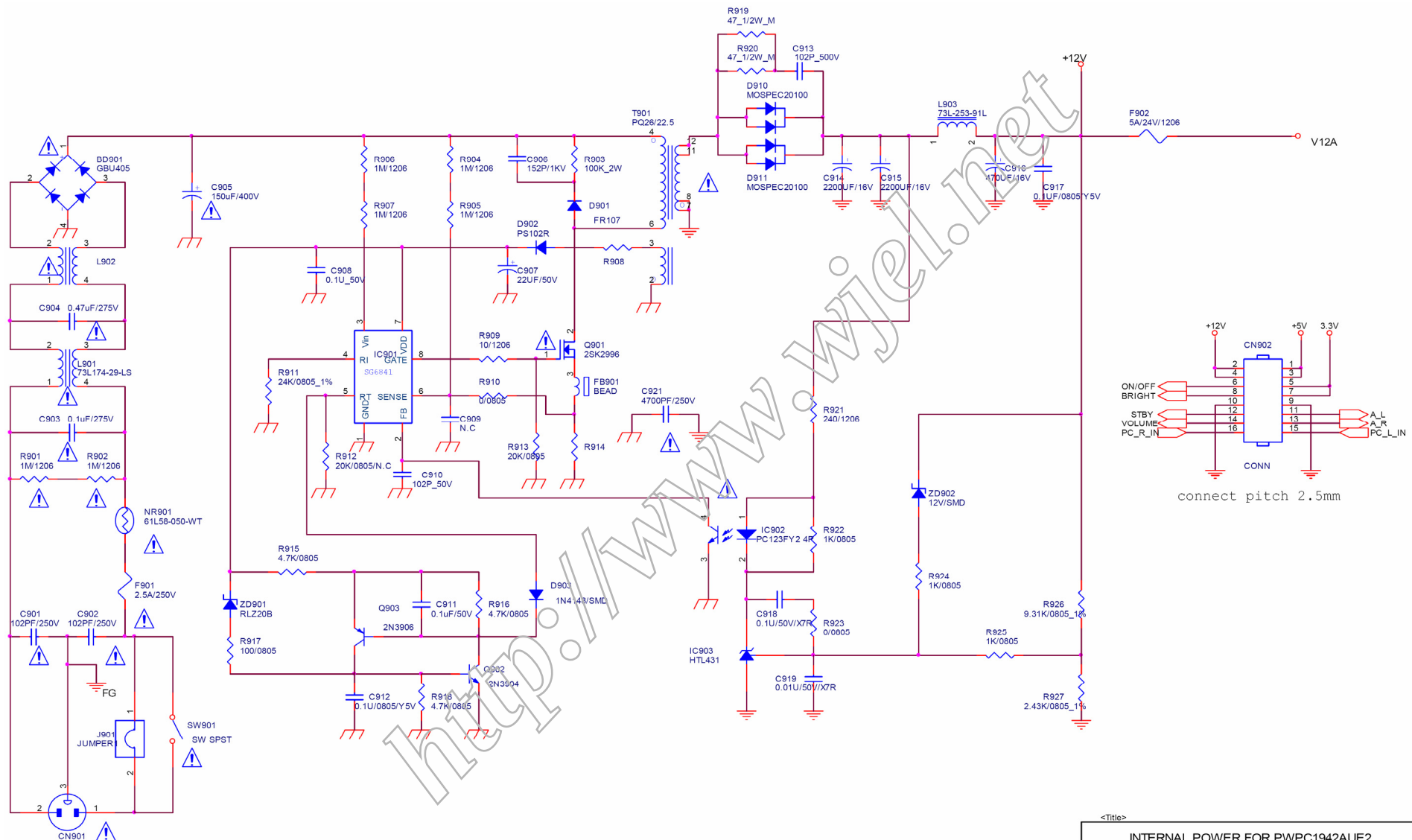
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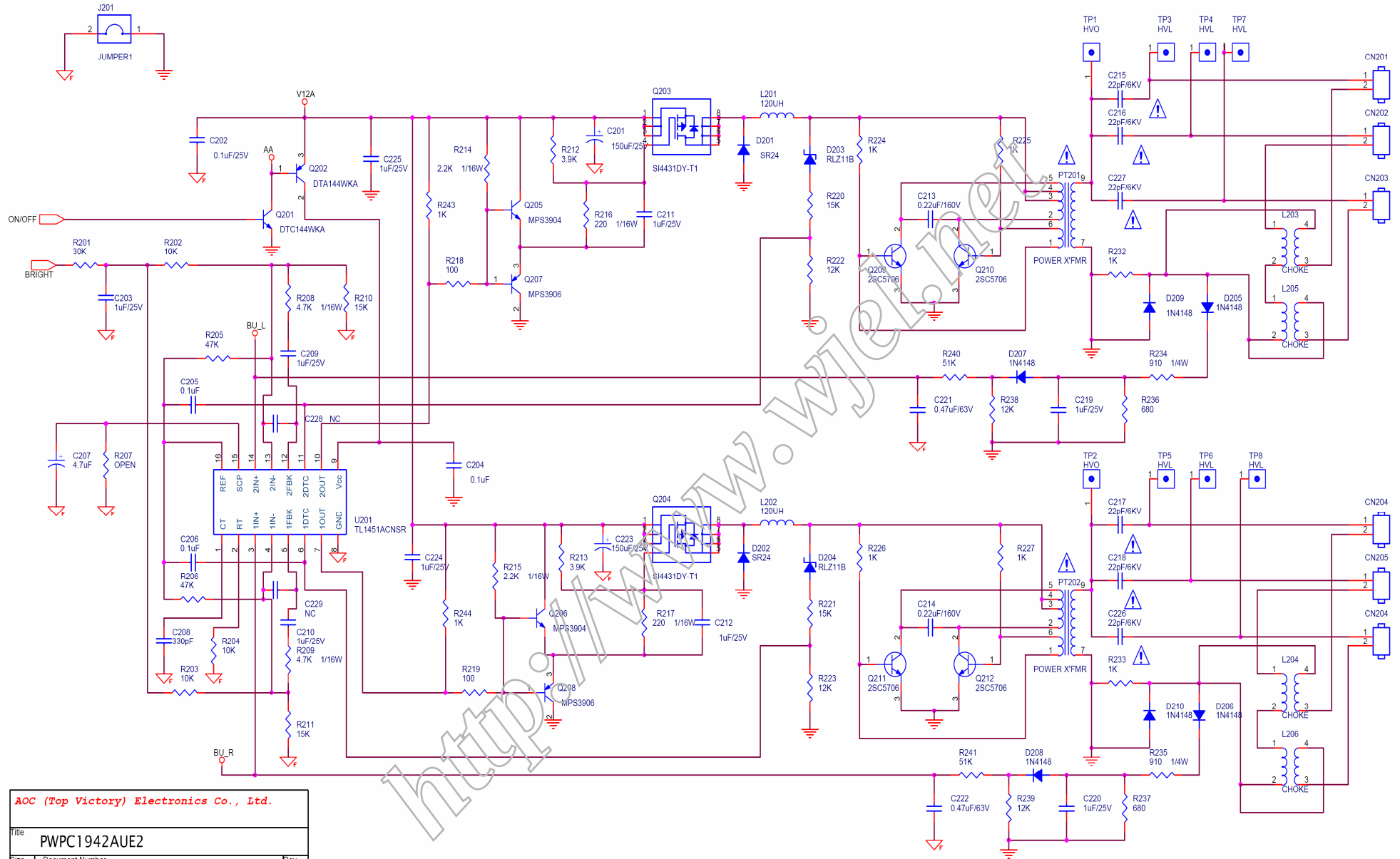
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6.3 POWER BOARD

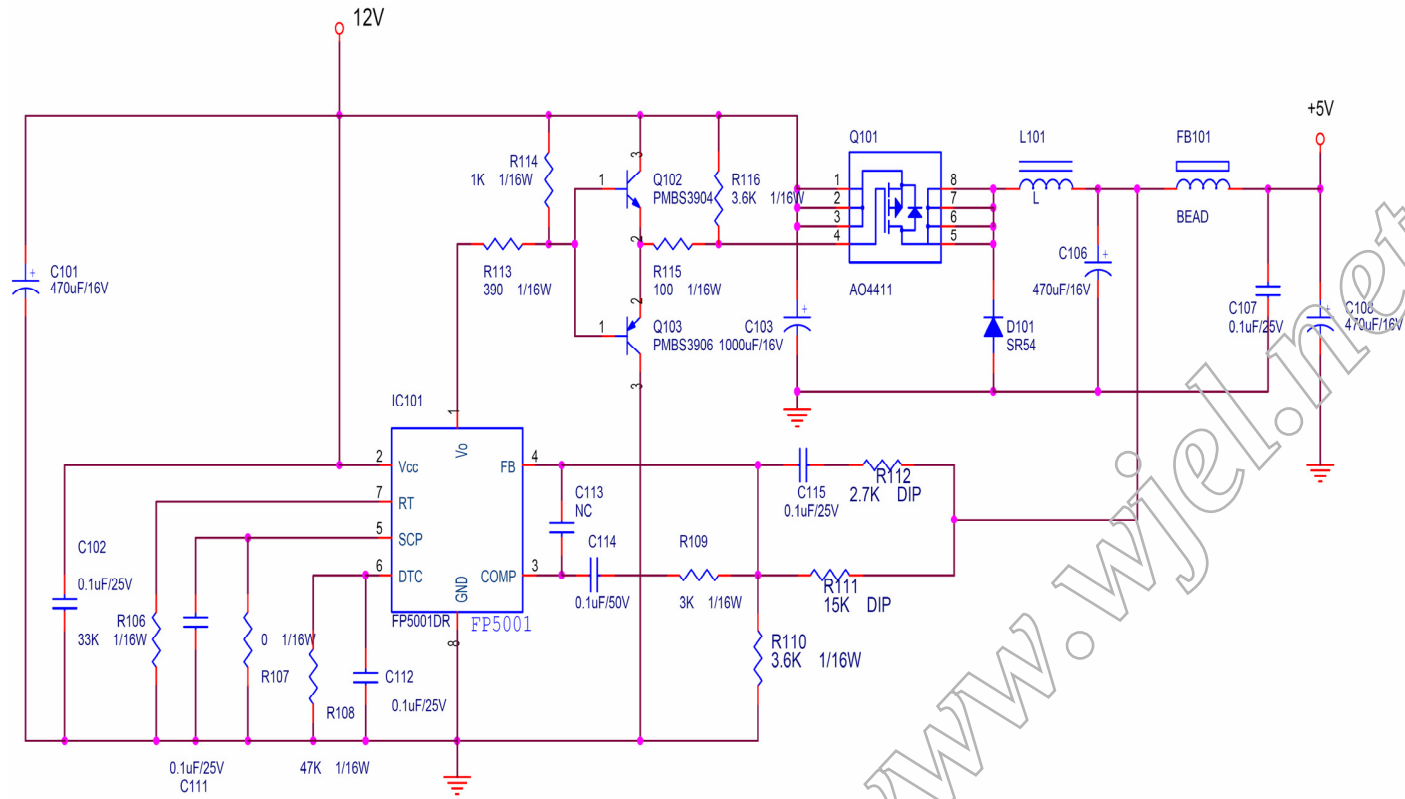
715G1142-4-AUE



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AOC (Top Victory) Electronics Co., Ltd.		
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Date:	Sheet 2 of 2	



AOC (Top Victory) Electronics Co., Ltd.

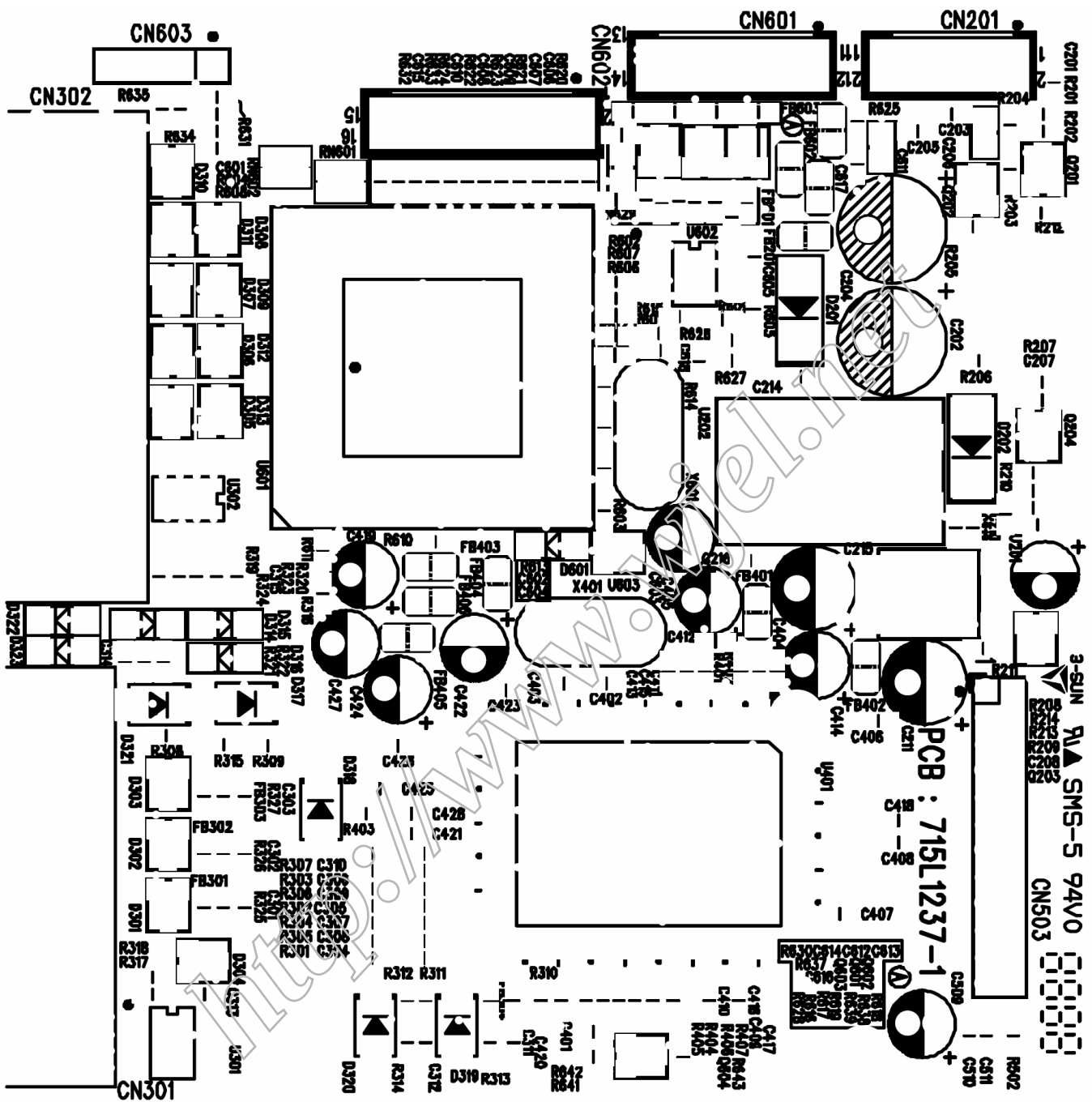
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Custom
Document Number
Monday, January 03, 2005Rev
2

Date: Sheet 2 of 2

7. PCB Layout

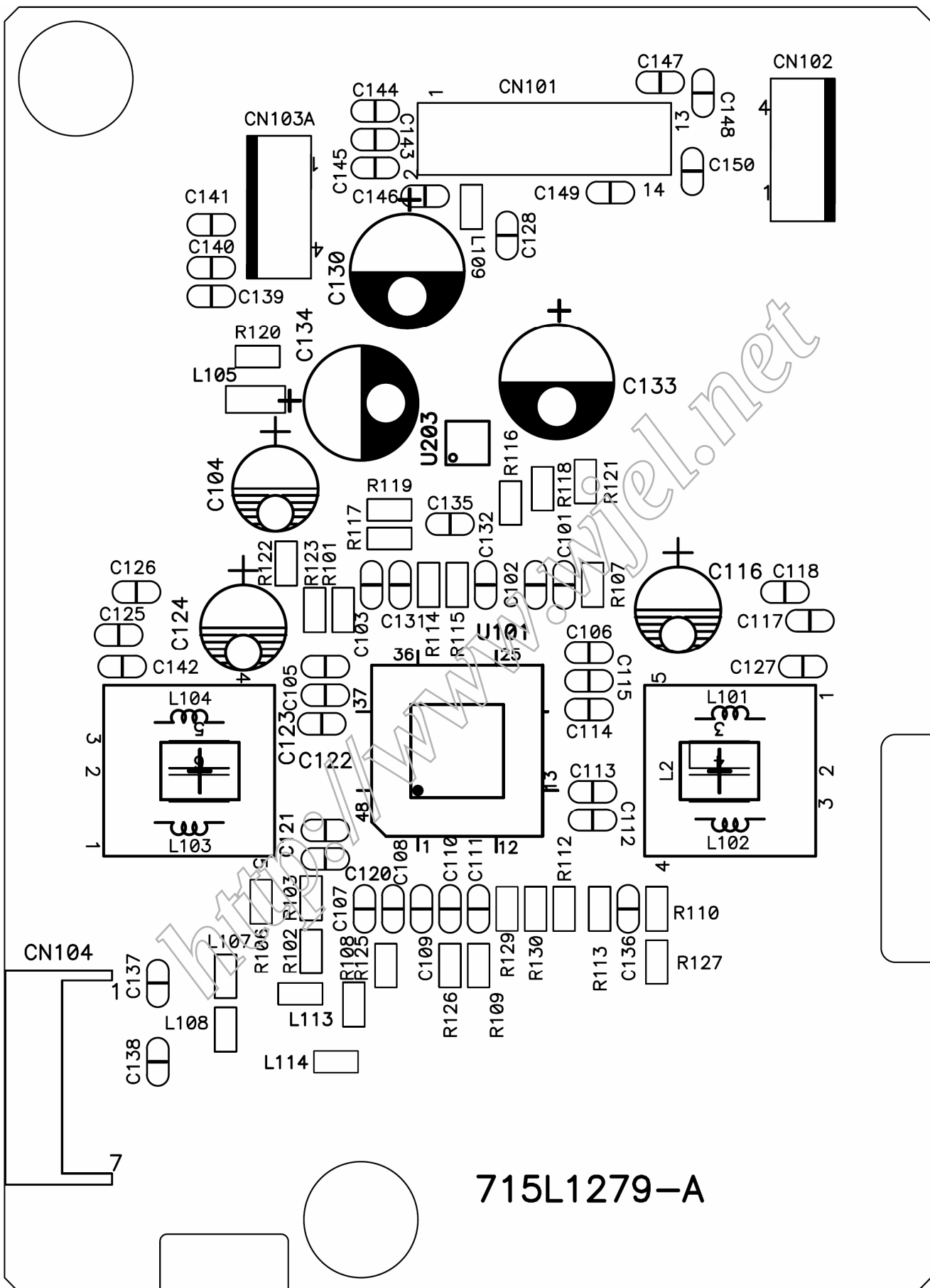
7.1 MAIN BOARD

715L1237-1



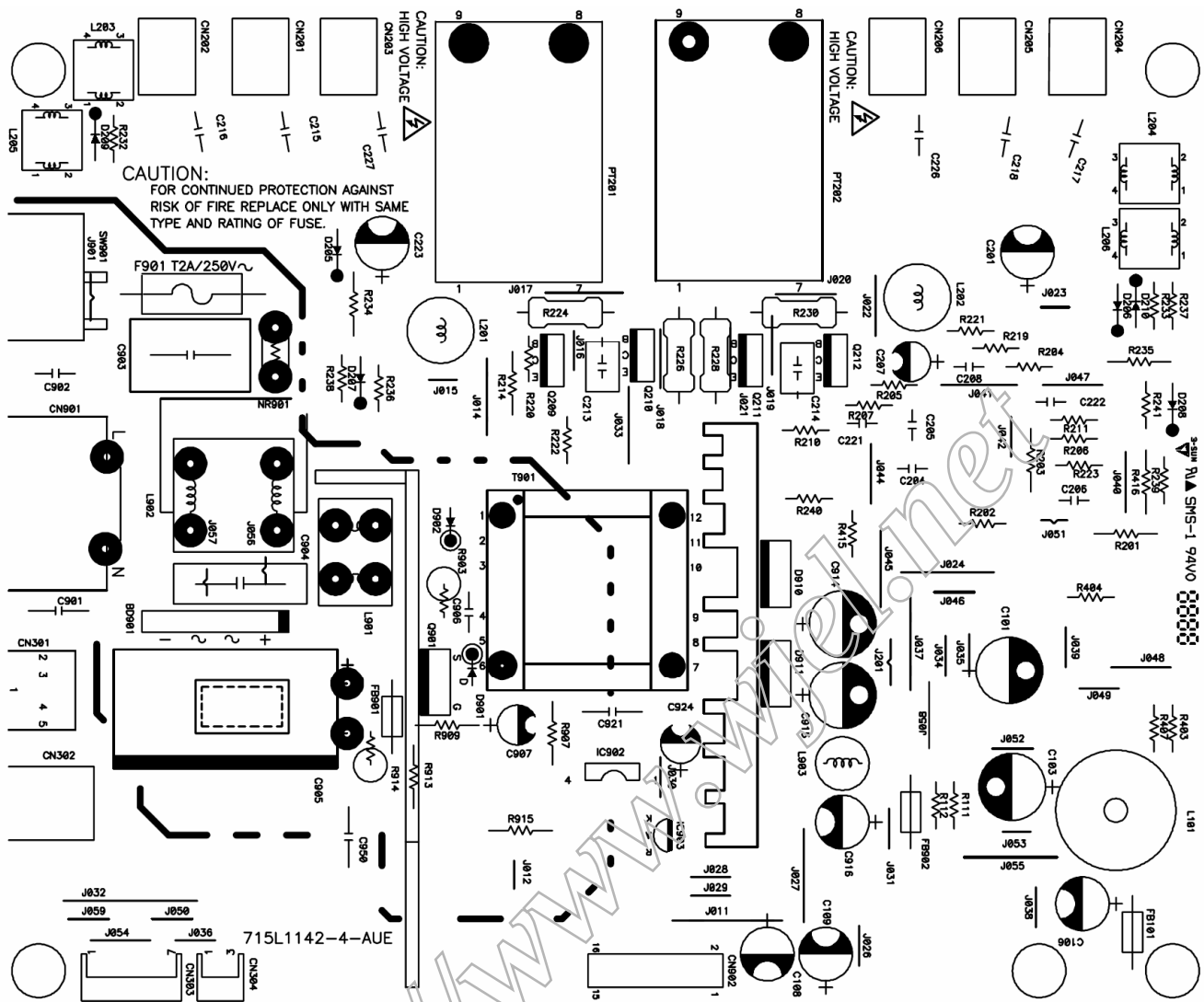
7.2 AUDIO BOARD

715L1279- A



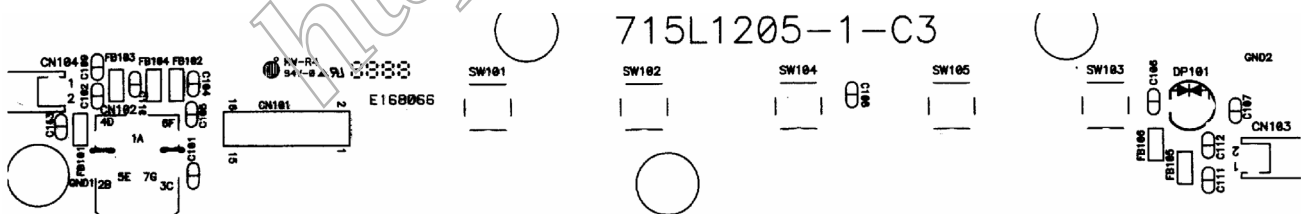
7.3 POWER BOARD

715G1142-4AUE



7.4 KEY BOARD

715L1205-1-C3



8. MAINTAINABILITY

8.1 EQUIPMENTS AND TOOLS REQUIREMENT

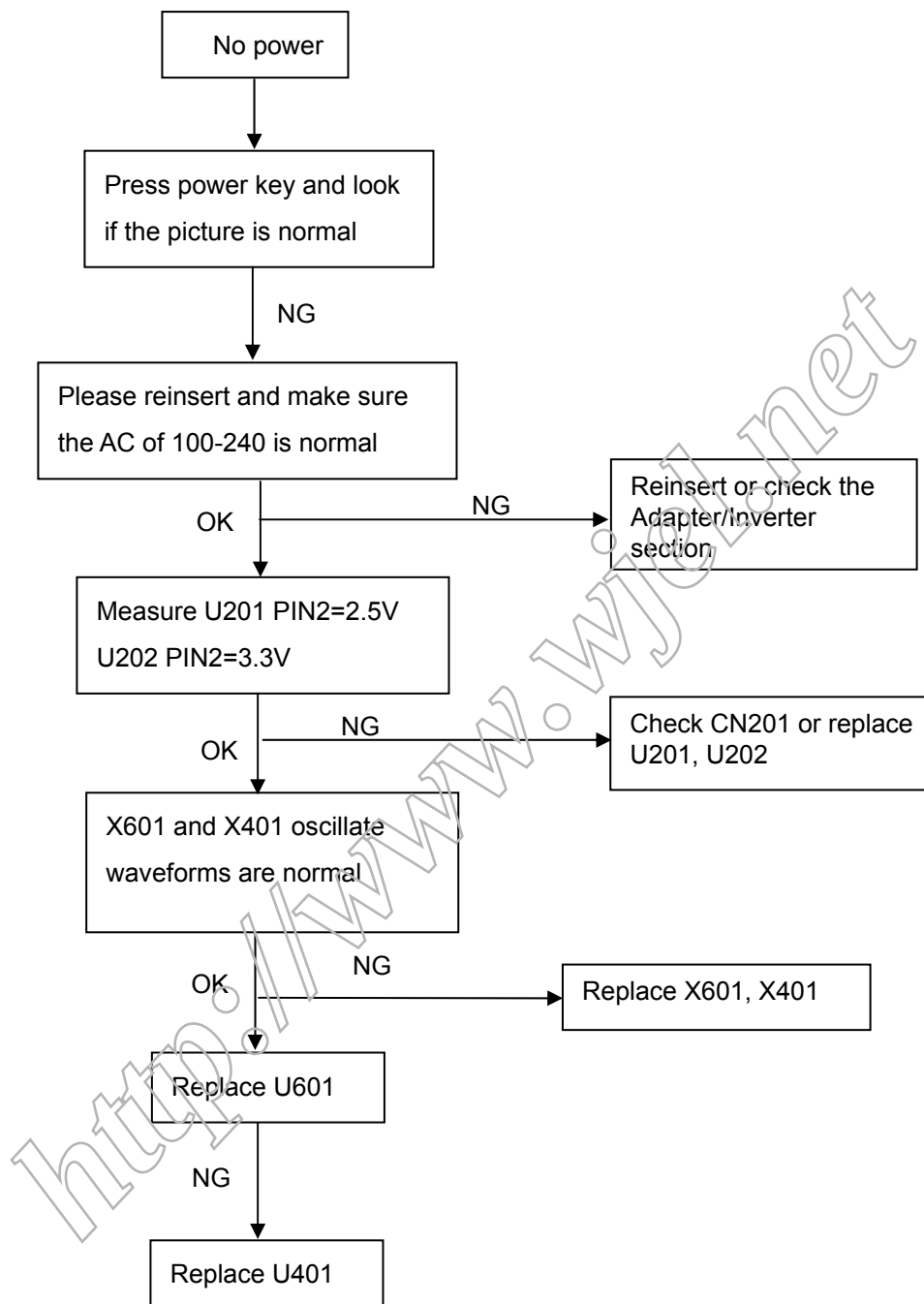
1. Voltmeter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

<http://www.wjel.net>

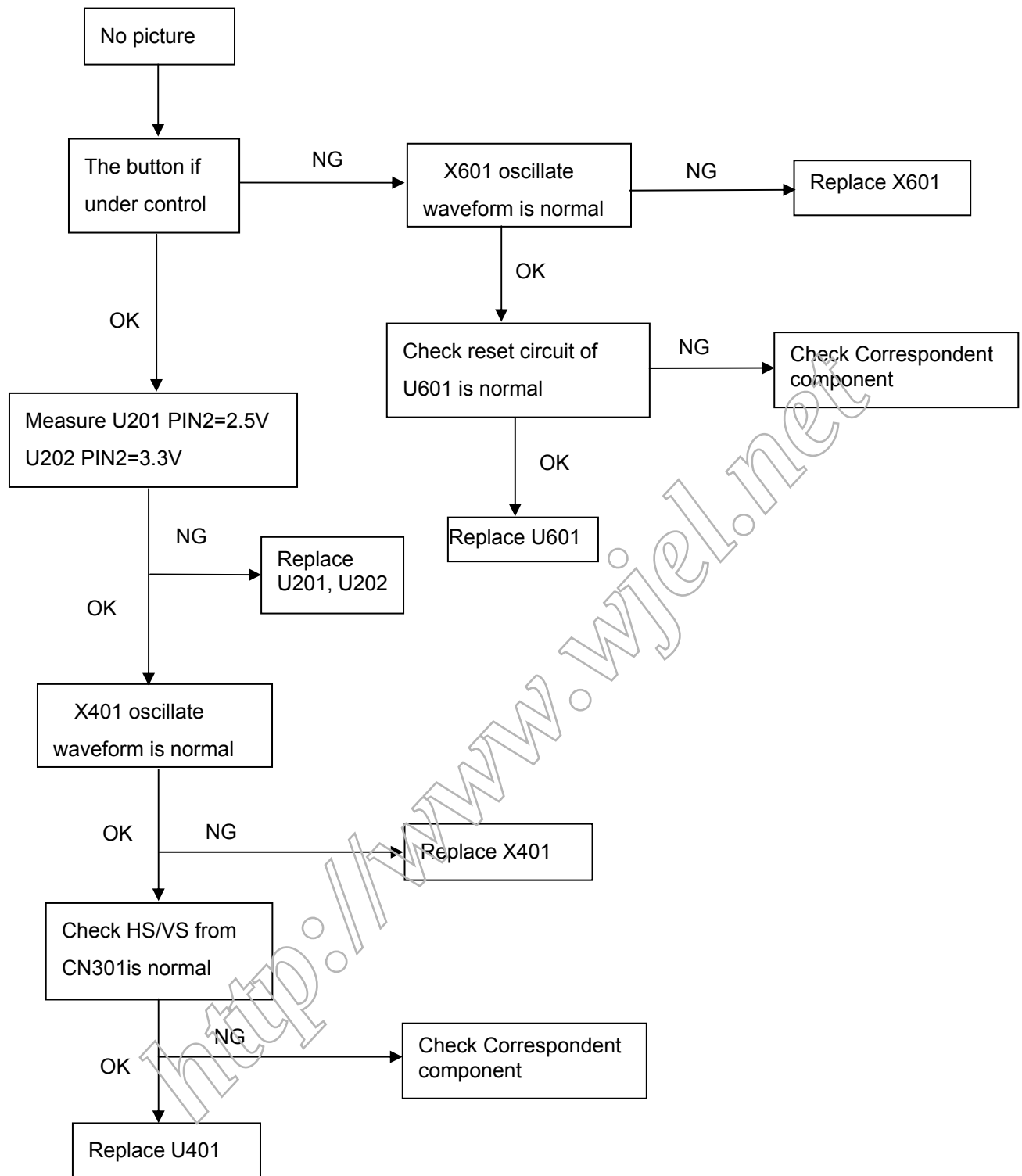
8.2 TROUBLE SHOOTING

8.2.1 Main Board

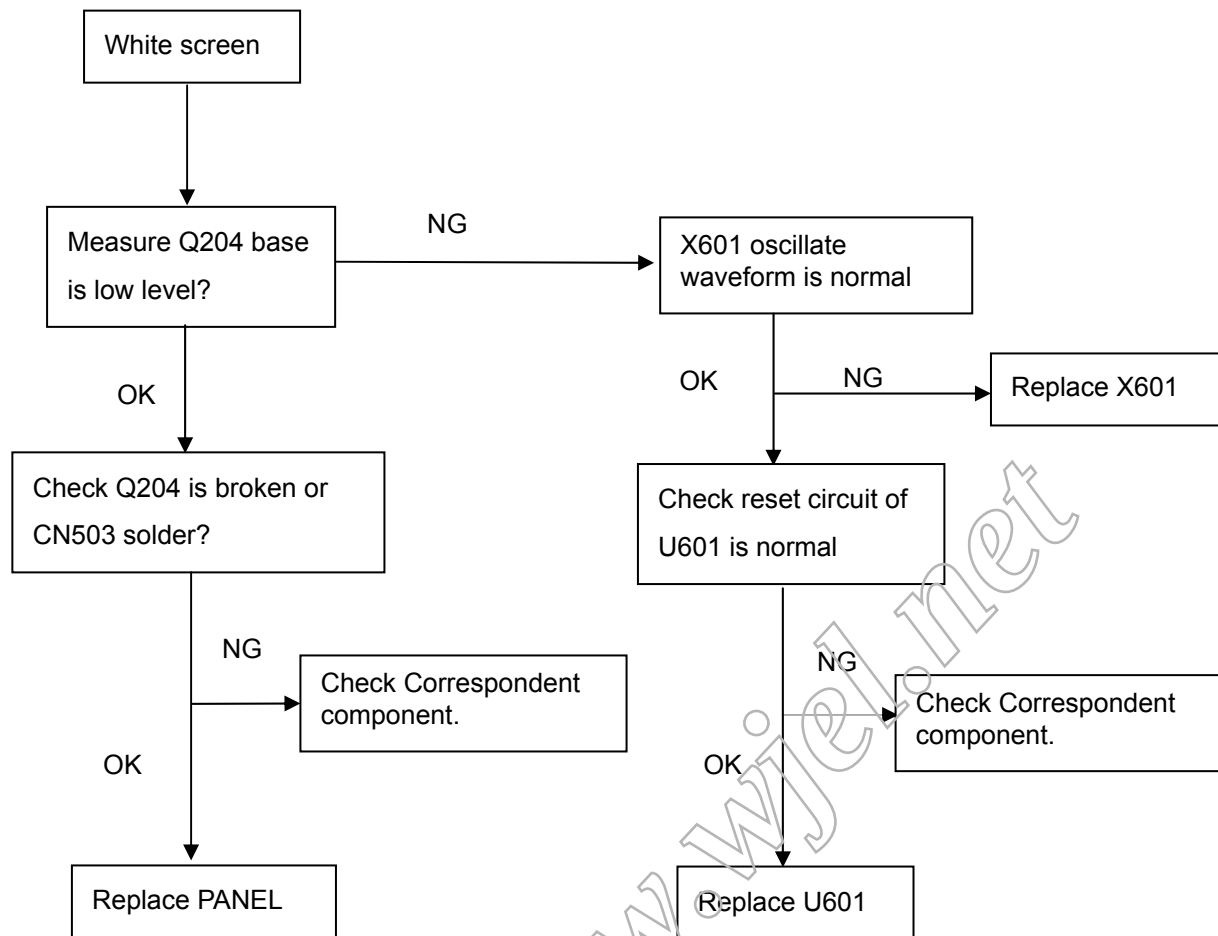
No power



No picture (LED orange)

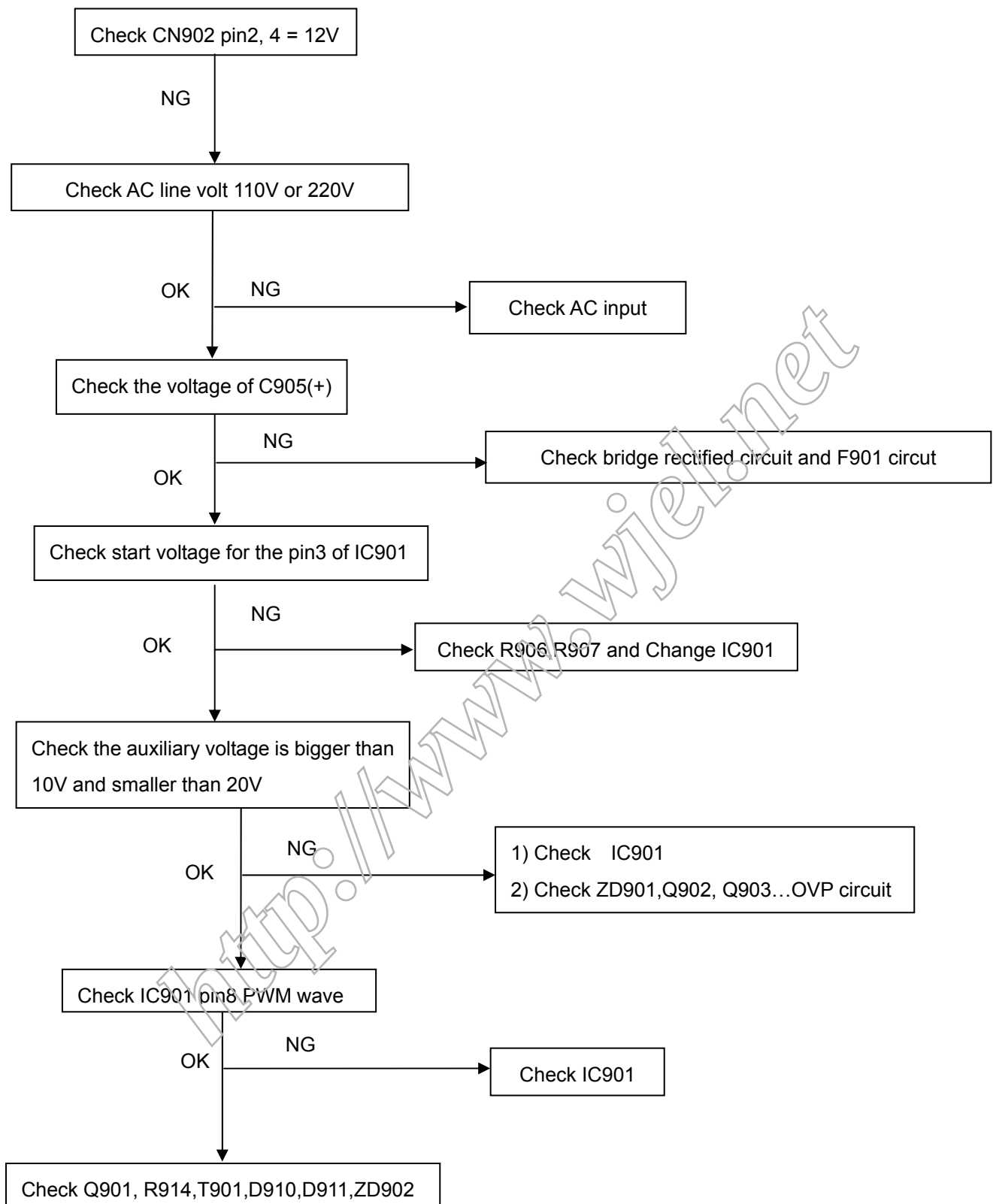


White screen

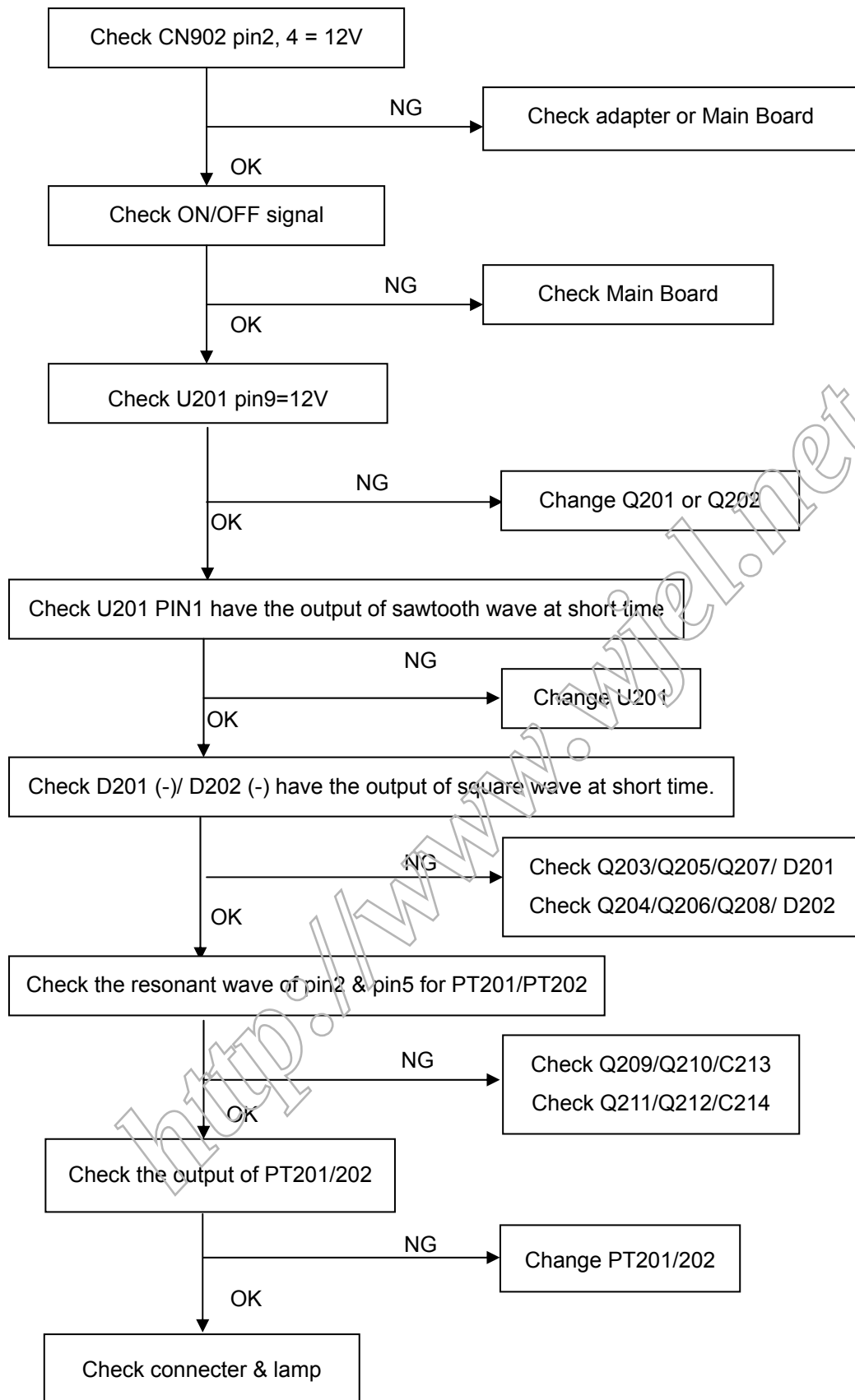


8.2.2 Power/Inverter Board

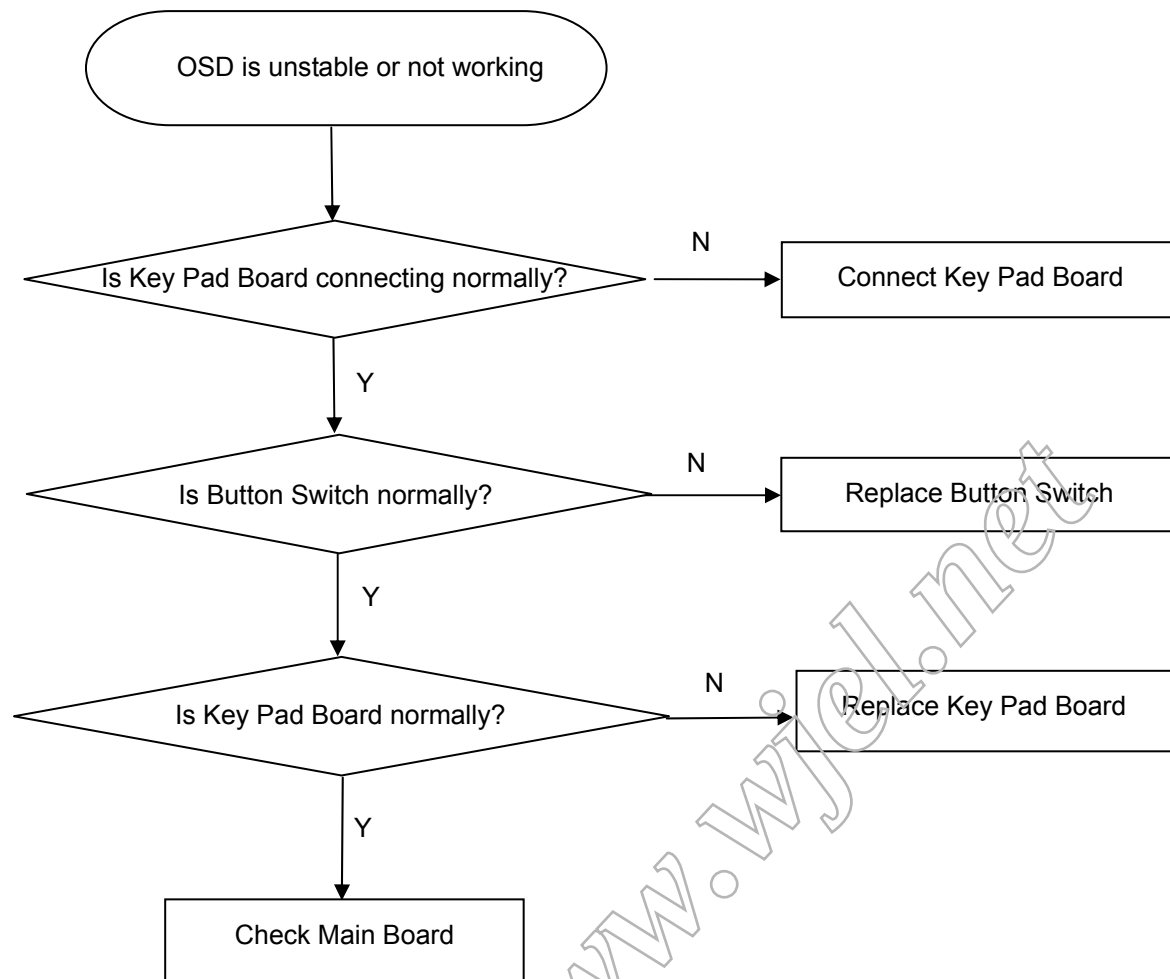
No power



2.) W / LED, No Backlight



8.2.3 Keypad Board



9 .WHITE-BALANCE, LUMINANCE ADJUSTMENT

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

1. How to do the Chroma-7120 MEM. Channel setting

A. Reference to chroma 7120 user guide

B. Use “**SC**” key and “**NEXT**” key to modify XyY value and use “**ID**” key to modify the TEXT description Following is the procedure to do white-balance adjust

2. Setting the color temp. you want

A. MEM.CHANNEL 3 (7800 color):

7800 color temp. parameter is $x = 296 \pm 20$, $y = 311 \pm 20$, $Y = 180 \text{ cd/m}^2$.

B. MEM.CHANNEL 4 (6500 color):

6500 color temp. parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y = 180 \text{ cd/m}^2$

3. Into factory mode of AOC LM923

Turn on power, press the MENU button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:

Set the **Contrast**  to 50; Adjust the **Brightness**  to 80.

5. Gain adjustment:

Move cursor to “-F-” and press MENU key

A. Adjust C2 (7800) color-temperature

1. Switch the Chroma-7120 to **RGB-Mode** (with press “MODE” button)
2. Switch the MEM. Channel to Channel 3 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x = 296 \pm 20$, $y = 311 \pm 20$, $Y = 180 \text{ cd/m}^2$
4. Adjust the RED of color1 on factory window until chroma 7120 indicator reached the value $R=100$
5. Adjust the GREEN of color1 on factory window until chroma 7120 indicator reached the value $G=100$
6. Adjust the BLUE of color1 on factory window until chroma 7120 indicator reached the value $B=100$
7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

B. Adjust C1 (6500) color-temperature

1. Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)
2. Switch the MEM.channel to Channel 4 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$, $Y = 180 \text{ cd/m}^2$
4. Adjust the RED of color3 on factory window until chroma 7120 indicator reached the value $R=100$
5. Adjust the GREEN of color3 on factory window until chroma 7120 indicator reached the value $G=100$
6. Adjust the BLUE of color3 on factory window until chroma 7120 indicator reached the value $B=100$
7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

C. Turn the Power-button off to quit from factory mode.

10. EDID CONTENT

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
0	00	FF	FF	FF	FF	FF	FF	00	05	E3	23	A9	0B	95	0D	00
16:	19	0E	01	03	68	26	1E	78	2A	6D	65	A2	5A	4C	9D	23
32:	13	4F	54	BF	EF	00	81	80	01	01	01	01	01	01	01	01
48:	01	01	01	01	01	01	30	2A	00	98	51	00	2A	40	30	70
64:	13	00	78	2D	11	00	00	1E	00	00	00	FF	00	31	32	33
80:	34	35	36	37	38	39	30	31	32	33	00	00	00	FD	00	37
96:	4B	1E	53	0E	00	0A	20	20	20	20	20	20	00	00	00	FC
112:	00	4C	4D	39	32	33	0A	20	20	20	20	20	20	20	00	24

<http://www.wjel.net>

11. BOM LIST

T980KAXHLFMRA

Location	Part No. for TPV	Description	Quantity	Unit
	Q1G 330 10120	SCREW FOR FP/RC	2	PCS
	AUPC980A8	AUDIO BOARD FOR T980K*	1	PCS
	CBPC980KAXAC	CONVERSION BOARD FOR T9	1	PCS
	KEPC980KA9	KEY BOARD FOR T980K*	1	PCS
	PWPC1942AUE3	POWER BOARD	1	PCS
	15G6093 AU	MAIN FRAME	1	PCS
	26G 800504 3	BARCODE	1	PCS
	34G1276 GM 4B	BACK COVER	1	PCS
	34G1277 GM B	BASE	1	PCS
	40G 152531	C-TICK LABEL	2	PCS
	40G 19N615 5A	ID LABEL	1	PCS
	40G 58162435A	LABEL	1	PCS
	41G 68615 4B	TCO'99 CARD	1	PCS
	41G190061524A	MANUAL	1	PCS
	41G780061528B	WARRANTY CARD	1	PCS
	44G3231 15	EVA WASHER	1	PCS
	44G3231 15506	EVA WASHER	1	PCS
	44G3904 1	EPS(L)	1	PCS
	44G3904 2	EPS(R)	1	PCS
	44G3904 5	U TYPE SHEET	1	PCS
	44G3904615 4A	CARTON	1	PCS
	45G 76 28 RN	PE BAG FO MANUAL/BASE	1	PCS
	45G 88626 1	PE BAG FOR MONITOR	1	PCS
	50G 600 2	HANDLE1	1	PCS
	50G 600 3	HANDLE2	1	PCS
	52G 1185	MIDDLE TAPE FOR CARTON	102	CM
	52G 1186	SMALL TAPE	8	CM
	52G 1207 A	ALUMINIUM TAPE	1	PCS
	52G6020 5	PROTECT FILM	1	PCS
	52G6025 11732	MYLAR	1	PCS
	85G6081 5	SHIELD	1	PCS
	89G 173 56507	AUDIO CABLE	1	PCS
	89G1738LAA D1	SIGNAL CABLE	1	PCS
	89G412A18NIS3	POWER CORD WALL-OUT FOR	1	PCS
	95G8014 16 26	WIRE HARNESS	1	PCS

	M1G 330 4128	SCREW M3X4	2	PCS
	M1G 330 6 47	SCREW	2	PCS
	M1G 330 6128	SCREW	4	PCS
	M1G1140 6128	SCREW 4X6	1	PCS
	M1G1730 6128	SCREW M3x6	9	PCS
	Q1G 330 10120	SCREW FOR FP/RC	3	PCS
	Q1G 340 10 47	SCREW	2	PCS
	Q1G 340 12 47	SCREW	1	PCS
	705L980KF34045	19" LCD COVER ASS'Y	1	PCS
	AM1G1740 12 47	SCREW	4	PCS
E095	S95G801830518	LVDS ASS'Y	1	PCS
E750L	750LLU90N02	AU 19"LCD PANEL(EN02)	1	PCS
705L980KF34045				
	33G4695 1 C	CLAMP	1	PCS
	33G4713 AS L	KEY PAD	1	PCS
	33G4714 1 C	POWER LENS	1	PCS
	34G1273 GM B	STAND	1	PCS
	34G1275AKG 3B	BEZEL	1	PCS
	37G 490 1	HINGE ASS'Y	1	PCS
	Q1G1030 8128	SCREW	1	PCS
	Q1G1030 10128	SCREW	2	PCS
	Q1G1040 10128	TAP 4X8 FOR SP	2	PCS
E078L	78G 326 1 L	SPEAKER L	1	PCS
E078R	78G 326 1 R	SPEAKER R	1	PCS
S95G801830518				
	33F 205 24	A2005H02-2*12P	1	PCS
	33F 303 30TD1	TD00-30H P2407P30	1	PCS
	33F205T 24	A2005T0B-00	24	PCS
	33F303T TD1	TD00-T	24	PCS
	71F 100510	FERRITE CORE	1	PCS
AUPC980A8				
	AUPC980A7SMT	AUDIO BOARD	1	PCS
	95G8014 14 15	WIRE HARNESS	1	PCS
C130	67G215B471 3H	470UF 16V LTR471M1CF11V	1	PCS
C133	67G215B221 4H	LOW E.S.R 220UF +-20% 2	1	PCS
C134	67G215B221 4H	LOW E.S.R 220UF +-20% 2	1	PCS
CN101	33G800914A	PIN HEAD 2X7PIN/2.5MM	1	PCS
CN103A	33G3802 4	WAFER EH-4	1	PCS

CN104	33G8024 7B H	HEADER FEMALE 7P	1	PCS
MTGU101	90G6071 1	HEAT SINK	1	PCS
	715L1279 A	PCB	1	PCS
C101	65G0603221 32	CHIP 220PF 50V NPO	1	PCS
C102	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C103	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C105	65G0603105 17	1UF 16V Y5V	1	PCS
C106	65G0603105 17	1UF 16V Y5V	1	PCS
C107	65G0603105 17	1UF 16V Y5V	1	PCS
C108	65G0603105 17	1UF 16V Y5V	1	PCS
C109	65G0603105 17	1UF 16V Y5V	1	PCS
C110	65G0603105 17	1UF 16V Y5V	1	PCS
C111	65G0603105 17	1UF 16V Y5V	1	PCS
C112	65G0603103 32	0.01UF +-10% 50V X7R	1	PCS
C113	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C114	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C115	65G0603103 32	0.01UF +-10% 50V X7R	1	PCS
C117	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C118	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C120	65G0603103 32	0.01UF +-10% 50V X7R	1	PCS
C121	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C122	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C123	65G0603103 32	0.01UF +-10% 50V X7R	1	PCS
C125	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C126	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C127	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C128	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C131	65G0603105 17	1UF 16V Y5V	1	PCS
C132	65G0603105 17	1UF 16V Y5V	1	PCS
C135	65G0603474 17	CHIP CAP.CER 0.47UF -20	1	PCS
C136	65G0603105 17	1UF 16V Y5V	1	PCS
C137	65G0603101 31	CER1 0603 NP0 50V 100P	1	PCS
C138	65G0603101 31	CER1 0603 NP0 50V 100P	1	PCS
C142	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C143	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C144	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C145	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C146	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS

C151	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
C152	65G0603104 12	CER2 0603 X7R 16V 100N	1	PCS
L105	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
L107	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
L108	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
L113	71G 59B121	TB160808B	1	PCS
L114	71G 59B121	TB160808B	1	PCS
R106	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R107	61L0603124	CHIP 120KOHM 1/10W	1	PCS
R110	61L0603102	RST SM 0603 RC0603 1K P	1	PCS
R112	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R113	61L0603682	CHIP 6.8K OHM 1/10W	1	PCS
R114	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R115	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R116	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R117	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R118	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R119	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R120	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R121	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R122	61L0603121	CHIPR 120 OHM 1/10W	1	PCS
R123	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R125	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R126	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R129	61L0603103	RST SM 0603 RC0603 10K	1	PCS
U101	56G 616 7	TPA3002D2PHPRG4 HTQFP-4	1	PCS
U203	56G 616 8	TPA6110A2DGBRG4 MSOP-8(	1	PCS
CBPC980KAXAC				
	AIC980KAXAC	MAIN BOARD FOR T980K*	1	PCS
	40G 45762412B	CBPC LABEL	1	PCS
C202	67G215B221 4H	LOW E.S.R 220UF +-20% 2	1	PCS
C204	67G215B221 4H	LOW E.S.R 220UF +-20% 2	1	PCS
CN201	33G8027 12	WAFER 2*6P 2.0MM R/A	1	PCS
CN301	88G 35315F H	D-SUB 15PIN	1	PCS
CN503	33G801724A H	PIN HEADER 24P 2.0mm	1	PCS
CN601	33G801714A	PIN HEADER 2*7P 2.0mm	1	PCS
CN602	33G8027 16	WAFER 16PIN 2.0mm DIP	1	PCS
X401	93G 22 53 J	14.31818MHZ/32PF/49US	1	PCS

X601	93G 22 55 J	20MHz/20PF/49US	1	PCS
	40G 457624 1B	LABEL-CPU	1	PCS
	715L1237 1	PCB BOARD	1	PCS
C201	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C203	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C205	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C206	65G0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C207	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C210	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C212	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C214	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C216	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C304	65G0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C305	65G0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C306	65G0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C307	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C308	65G0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C309	65G0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C310	65G0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C311	65G0603330 31	CER1 0603 NP0 50V 33P P	1	PCS
C312	65G0603221 31	CER1 0603 NP0 50V 220P	1	PCS
C313	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C401	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C402	65G0603220 31	CER1 0603 NP0 50V 22P P	1	PCS
C403	65G0603220 31	CER1 0603 NP0 50V 22P P	1	PCS
C404	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C406	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C407	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C408	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C409	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C410	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C411	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C412	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C413	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C415	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C416	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C417	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C418	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS

C420	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C421	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C423	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C425	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C426	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C428	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C510	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C511	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C601	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C602	65G0603220 31	CER1 0603 NP0 50V 22P P	1	PCS
C604	65G0603220 31	CER1 0603 NP0 50V 22P P	1	PCS
C605	65G0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C606	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C607	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C608	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C609	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C610	65G0603102 32	1000PF +-10% 50V X7R	1	PCS
C611	65G0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C612	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C613	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C617	65G0603101 32	100PF +-10% 50V X7R	1	PCS
C618	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
D201	93G1004 3	SS14	1	PCS
D202	93G1020 1 S	GS1D	1	PCS
D301	93G 6433P	BAV99	1	PCS
D302	93G 6433P	BAV99	1	PCS
D303	93G 6433P	BAV99	1	PCS
D304	93G 6442 P	BAV70 SOT-23	1	PCS
D317	93G 39147	TZMC5V6	1	PCS
D318	93G 39147	TZMC5V6	1	PCS
D319	93G 39147	TZMC5V6	1	PCS
D320	93G 39147	TZMC5V6	1	PCS
D321	93G 39147	TZMC5V6	1	PCS
D322	93G 39147	TZMC5V6	1	PCS
D323	93G 39147	TZMC5V6	1	PCS
FB201	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB301	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
FB302	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS

FB303	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
FB304	71G 56G151 A	TB160808G151	1	PCS
FB401	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB402	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB403	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB404	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB405	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB406	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB601	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB602	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB603	71G 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
Q201	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q202	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q203	57G 763 1	A03401 SOT23 BY AOS(A1)	1	PCS
Q204	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q601	57G 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q602	57G 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
R201	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R202	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R203	61L0603102	RST SM 0603 RC0603 1K P	1	PCS
R204	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R205	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R206	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R207	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R208	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R209	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R211	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R212	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R301	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R302	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R303	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R304	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R305	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R306	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R307	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R308	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R309	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R310	61L0603102	RST SM 0603 RC0603 1K P	1	PCS

R311	61L0603102	RST SM 0603 RC0603 1K P	1	PCS
R312	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R313	61L0603222	RST SM 0603 RC0603 2K2	1	PCS
R314	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R315	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R316	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R317	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R318	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R325	61L0603750	RST SM 0603 RC22H 75R P	1	PCS
R326	61L0603750	RST SM 0603 RC22H 75R P	1	PCS
R327	61L0603750	RST SM 0603 RC22H 75R P	1	PCS
R402	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R403	61L0603390 0F	CHIP 390 OHM 1/10W 1%	1	PCS
R404	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R405	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R406	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R407	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R502	61L0603000	RST SM 0603 JUMP MAX OR	1	PCS
R601	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R602	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R604	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R605	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R606	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R607	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R608	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R609	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R613	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R614	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R615	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R616	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R617	61L0603121	CHIPR 120 OHM 1/10W	1	PCS
R618	61L0603121	CHIPR 120 OHM 1/10W	1	PCS
R619	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R620	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R621	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R622	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R623	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R624	61L0603102	RST SM 0603 RC0603 1K P	1	PCS

R625	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R626	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R627	61L0603103	RST SM 0603 RC0603 10K	1	PCS
R634	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R635	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R636	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R639	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R642	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
RN601	61L 125472 8	CHIP AR 8P4R 4.7K OHM+-	1	PCS
RN602	61L 125472 8	CHIP AR 8P4R 4.7K OHM+-	1	PCS
U201	56G 585 7	RT9164-25PL	1	PCS
U202	56G 563 7	AIC1084-33PM	1	PCS
U301	56G1133 34	M24C02-WMN6TP	1	PCS
U401	56G 562 55	MST8111B-LF PQFP-128	1	PCS
U601	56L1125137AS5	W78E65 BY WINBOARD	1	PCS
U602	56G113356A	24LC16B/SNG SOIC-3PIN	1	PCS
U603	56G 643 5A	MAX810 STRG	1	PCS
KEPC980KA9				
	AIK980KA9SMT	KEY BOARD FOR T980K*	1	PCS
CN101	33G801716A H	CONNECT 16 PIN SMT	1	PCS
CN102	88G 30211K	PHONE JACK 5PIN	1	PCS
CN103	33G3802 2H	WAFER 2P RIGHT ANGLE	1	PCS
CN104	33G3802 2H	WAFER 2P RIGHT ANGLE	1	PCS
DP101	81G 12 1 GP	GP32032ME	1	PCS
GND1	95G 900 58	HARNESS 50MM	1	PCS
GND2	95G 900 57	WIRE HARNESS	1	PCS
SW101	77L 600 1GHJ	KEY SWITCH	1	PCS
SW102	77L 600 1GHJ	KEY SWITCH	1	PCS
SW103	77L 600 1GHJ	KEY SWITCH	1	PCS
SW104	77L 600 1GHJ	KEY SWITCH	1	PCS
SW105	77L 600 1GHJ	KEY SWITCH	1	PCS
	715L1205 1 C3	PCB BOARD	1	PCS
C101	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C102	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C103	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C104	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C105	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C106	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS

C107	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C108	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C109	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C110	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C111	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
C112	65G0603560 31	CHIP 56PF 50V NPO	1	PCS
FB101	71G 56G151 B	BEAD	1	PCS
FB102	71G 56G151 B	BEAD	1	PCS
FB103	71G 56G151 B	BEAD	1	PCS
FB104	71G 56G151 B	BEAD	1	PCS
FB105	71G 56G151 B	BEAD	1	PCS
FB106	71G 56G151 B	BEAD	1	PCS
PWPC1942AUE3				
	PW1942AUE3SMT	POWER BOARD FOR SMT	1	PCS
	40G 45762412B	CBPC LABEL	1.03	PCS
	52G6025 11672	MYLAR SHEET	1	PCS
	705L 560 61 06	R903 ASS'Y	1	PCS
	705L 780 57 14	Q901 ASS'Y	1	PCS
	705L 980 61 02	R914 ASS'Y	1	PCS
	705L 980 61 03	NR901 ASS'Y	1	PCS
	705L 980 65 01	19" C901 ASS'Y	1	PCS
	705L 980 87 01	CN901 ASS'Y	1	PCS
	705L 980 93 03	D910,D911 ASS'Y	1	PCS
	705L 980 95 01	J041 ASS'Y	1	PCS
BD901	93G 50460 16	U4KB80R	1	PCS
C101	67G215S471 3K	EC 470UF 16V	1	PCS
C103	67G215L102 3R	LOW E.S.R 1000UF +/-20%	1	PCS
C106	67G215S471 3K	EC 470UF 16V	1	PCS
C108	67G215S471 3K	EC 470UF 16V	1	PCS
C215	65G 3J2206ET	22PF 5% SL 3KV TDK	1	PCS
C216	65G 3J2206ET	22PF 5% SL 3KV TDK	1	PCS
C217	65G 3J2206ET	22PF 5% SL 3KV TDK	1	PCS
C218	65G 3J2206ET	22PF 5% SL 3KV TDK	1	PCS
C902	65G305M1022EM	Y2 1000PF +/-20% 250VAC	1	PCS
C903	63G 107474 HS	0.47UF +/-20% 275VAC	1	PCS
C904	63G 10722410M	0.22 UF 250VAC	1	PCS
C905	67G305S10115K	100UF +/-20% 450V	1	PCS
C906	65G 2K152 5E6921	1500 PF 10% 2KV Y5P	1	PCS

C914	67G215L102 3R	LOW E.S.R 1000UF +/-20%	1	PCS
C915	67G215L102 3R	LOW E.S.R 1000UF +/-20%	1	PCS
C916	67G215S471 3K	EC 470UF 16V	1	PCS
C921	65G306M4722BP	4700PF +/-20% 400VAC	1	PCS
C950	65G306M3322BP	3300PF 20%	1	PCS
CN201	33G8021 2D AC	CONN.2P R/A 87210-0236	1	PCS
CN202	33G8021 2D AC	CONN.2P R/A 87210-0236	1	PCS
CN204	33G8021 2D AC	CONN.2P R/A 87210-0236	1	PCS
CN205	33G8021 2D AC	CONN.2P R/A 87210-0236	1	PCS
CN301	88G 30210K E	PHONE JACK 5PIN	1	PCS
CN303	33G8017 7DHXY	WAFER	1	PCS
CN902	95G8021 12509	WIRE HARNESS	1	PCS
D901	93G 6026T52T	RECTIFIER DIODE FR107	1	PCS
D902	93G 6038T52T	FR103	1	PCS
F901	84G 7H200 SL	250V/2A LIHEL FUSE	1	PCS
IC902	56G 139 3A	PC123Y22FZOF	1	PCS
L101	73G 253152 T	CHOKE COIL TDK LSHA003C	1	PCS
L201	73G 253139 HA	CHOKE COIL	1	PCS
L202	73G 253139 HA	CHOKE COIL	1	PCS
L203	73G 174 30YSA	FILTER	1	PCS
L204	73G 174 30YSA	FILTER	1	PCS
L901	73L 174 29LSH	LINE FILTER	1	PCS
L903	73G 253 91 LS	CHOKE BY LI SHIN	1	PCS
PT201	80LL19T 1DNH	TRANSFORMER	1	PCS
PT202	80LL19T 1DNH	TRANSFORMER	1	PCS
Q209	57G 761 7	KTD1691P	1	PCS
Q210	57G 761 7	KTD1691P	1	PCS
Q211	57G 761 7	KTD1691P	1	PCS
Q212	57G 761 7	KTD1691P	1	PCS
R224	61G 208102 64	1KOHM 5% 1W	1	PCS
R226	61G 208102 64	1KOHM 5% 1W	1	PCS
R228	61G 208102 64	1KOHM 5% 1W	1	PCS
R230	61G 208102 64	1KOHM 5% 1W	1	PCS
T901	80LL19T 3 TG	TRANSFORMER	1	PCS
	PWPC1942AUE3AI	POWER BOARD FOR AI	1	PCS
C102	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
C107	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
C112	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS

C114	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C115	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C202	65G0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C203	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C209	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C210	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C211	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C212	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C219	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C220	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C224	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C225	65G0805105 27	CHIP 1UF Y5V 0805	1	PCS
C320	65G0603331 32	CHIP 330PF 50V X7R	1	PCS
C321	65G0603331 32	CHIP 330PF 50V X7R	1	PCS
C908	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
C910	65G0805102 31	1000PF 50V NPO	1	PCS
C911	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
C912	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
C913	65G1206102 72	CHIP 1000PF 500V X7R	1	PCS
C917	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
C918	65G0805104 32	CHIP 0.1U 50V X7R	1	PCS
D101	93G3004 2	SR34 PAN JIT	1	PCS
D201	93G2004 2A	SM240A DO-214AC	1	PCS
D202	93G2004 2A	SM240A DO-214AC	1	PCS
D203	93G 39S 3 T	BZT52-C11	1	PCS
D204	93G 39S 3 T	BZT52-C11	1	PCS
D903	93G 6432P	LL4148	1	PCS
F902	61L1206000 4	0 OHM 4A 1/4W	1	PCS
IC101	56G 379 37	FP5001DR	1	PCS
IC901	56G 379 33	SG6841SZ	1	PCS
L302	61L0805000	CHIP 0 OHM 1/8W	1	PCS
L308	71G 59B601 EA	CHIP BEAD 600 OHM	1	PCS
L309	71G 59B601 EA	CHIP BEAD 600 OHM	1	PCS
Q101	57G 763 3	AO4411 SO-8	1	PCS
Q102	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q103	57G 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q201	57G 760 5A	DTC 144WN3/S SOT-23	1	PCS
Q202	57G 760 4A	DTA144WN3/S SOT-23	1	PCS

Q203	57G 763 3	AO4411 SO-8	1	PCS
Q204	57G 763 3	AO4411 SO-8	1	PCS
Q205	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q206	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q207	57G 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q208	57G 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q902	57G 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q903	57G 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
R106	61L0603333	CHIP 33K OHM 1/10W	1	PCS
R107	61L0603000	RST SM 0603 JUMP MAX 0R	1	PCS
R108	61L0603473	RST SM 0603 RC0603 47K	1	PCS
R109	61L0603302	CHIPR 3K OHM +-5% 1/10W	1	PCS
R110	61L0603360 1F	CHIP 3.6KOHM 1% 1/10W	1	PCS
R113	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R114	61L0603102	RST SM 0603 RC0603 1K P	1	PCS
R115	61L0603220	RST SM 0603 RC0603 22R	1	PCS
R116	61L0603332	CHIP 3.3K OHM 1/10W	1	PCS
R208	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R209	61L0603472	RST SM 0603 RC0603 4K7	1	PCS
R212	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R213	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R215	61L0603222	RST SM 0603 RC0603 2K2	1	PCS
R216	61L0603221	RST SM 0603 RC0603 220R	1	PCS
R217	61L0603221	RST SM 0603 RC0603 220R	1	PCS
R218	61L0603101	RST SM 0603 RC0603 100R	1	PCS
R243	61L0603102	RST SM 0603 RC0603 1K P	1	PCS
R244	61L0603102	RST SM 0603 RC0603 1K P	1	PCS
R901	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R902	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R904	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R905	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R906	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R908	61L1206519	CHIPR 5.1OHM +-5% 1/4W	1	PCS
R910	61L1206000	RST SM 1206 JUMP MAX 0R	1	PCS
R911	61L0805240 2F	CHIP 24KOHM 1% 1/8W	1	PCS
R912	61L0805203	CHIPR 20KOHM +-5% 1/8W	1	PCS
R916	61L0805472	CHIPR 4.7K OHM +-5% 1/8	1	PCS
R917	61L0805101	CHIPR 100 OHM +-5% 1/8W	1	PCS

R918	61L0805472	CHIRP 4.7K OHM +-5% 1/8	1	PCS
R919	61L1206470	CHIP 47OHM 5% 1/4W	1	PCS
R920	61L1206470	CHIP 47OHM 5% 1/4W	1	PCS
R921	61L1206471	CHIPR 470 OHM+-5% 1/4W	1	PCS
R922	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
R923	61L0805000	CHIP O OHM 1/8W	1	PCS
R924	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
R925	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
R926	61L0805931 1F	CHIP 9.31K OHM 1/8W 1%	1	PCS
R927	61L0805243 1F	CHIP 2.43K OHM 1/8W 1%	1	PCS
U201	56G 608 1	TL1451ACD	1	PCS
ZD901	93G 39S 12 T	RLZ20B LLDS	1	PCS
ZD902	93G 39S 17 T	RLZ12B LLDS	1	PCS
	715G1142 4AUE	POWER BOARD	1	PCS
C201	67G 2152213KT	220UF 16V	1	PCS
C204	65G 450104 7T	0.1UF +80-20% 50V Y5V	1	PCS
C205	65G 450104 7T	0.1UF +80-20% 50V Y5V	1	PCS
C206	65G 450104 7T	0.1UF +80-20% 50V Y5V	1	PCS
C207	67G 305330 7T	33UF 105	1	PCS
C208	65G 44233113T	330PJNPO 50V	1	PCS
C221	64G701J4740AT	0.47uF 50V	1	PCS
C222	64G701J4740AT	0.47uF 50V	1	PCS
C223	67G 2152213KT	220UF 16V	1	PCS
C905	6G 31502	1.5MM RIVET	2	PCS
C907	67G 305220 4T	105 尼ん 22UF, +-20% 2	1	PCS
CN901	6G 31500	EYELET	2	PCS
D205	93G 64 1152T	1N4148	1	PCS
D206	93G 64 1152T	1N4148	1	PCS
D207	93G 64 1152T	1N4148	1	PCS
D208	93G 64 1152T	1N4148	1	PCS
D209	93G 64 1152T	1N4148	1	PCS
D210	93G 64 1152T	1N4148	1	PCS
FB101	71G 55 29	FERRITE BEAD	1	PCS
FB901	71G 55 29	FERRITE BEAD	1	PCS
IC903	56G 158 4 T A	H431BA	1	PCS
L902	6G 31502	1.5MM RIVET	4	PCS
NR901	6G 31502	1.5MM RIVET	2	PCS
PT201	6G 31502	1.5MM RIVET	2	PCS

PT202	6G 31502	1.5MM RIVET	2	PCS
R111	61G 21015352T	15KOHM 1% 1/6W	1	PCS
R112	61G 60227252T	2.7KOHM 5% 1/6W	1	PCS
R201	61G 60220352T	CFR 20K OHM+-5% 1/6W	1	PCS
R202	61G 60210352T	CFR 10KOHM +-5% 1/6W	1	PCS
R203	61G 60210352T	CFR 10KOHM +-5% 1/6W	1	PCS
R204	61G 60210352T	CFR 10KOHM +-5% 1/6W	1	PCS
R205	61G 60247352T	47KOHM 5% 1/6W	1	PCS
R206	61G 60247352T	47KOHM 5% 1/6W	1	PCS
R210	61G 60215352T	15KOHM 5% 1/6W	1	PCS
R211	61G 60215352T	15KOHM 5% 1/6W	1	PCS
R214	61G 60222252T	2.2K 5% 1/6W	1	PCS
R219	61G 60210152T	100OHM +- 5% 1/6W	1	PCS
R220	61G 60215352T	15KOHM 5% 1/6W	1	PCS
R221	61G 60215352T	15KOHM 5% 1/6W	1	PCS
R222	61G 60212352T	12KOHM 5% 1/6W	1	PCS
R223	61G 60212352T	12KOHM 5% 1/6W	1	PCS
R232	61G 60210252T	CFR 1K OHM +-5% 1/6W	1	PCS
R233	61G 60210252T	CFR 1K OHM +-5% 1/6W	1	PCS
R234	61G 17291152T	910OHM +-5% 1/4W	1	PCS
R235	61G 17291152T	910OHM +-5% 1/4W	1	PCS
R236	61G 60268152T	680 OHM 5% 1/6W	1	PCS
R237	61G 60268152T	680 OHM 5% 1/6W	1	PCS
R238	61G 60212352T	12KOHM 5% 1/6W	1	PCS
R239	61G 60212352T	12KOHM 5% 1/6W	1	PCS
R240	61G 60251352T	51KOHM +-5% 1/6W	1	PCS
R241	61G 60251352T	51KOHM +-5% 1/6W	1	PCS
R907	61L214Y10552T	1M,1/4W	1	PCS
R909	61G 17247052T	47OHM 5% 1/4W	1	PCS
R913	61G 17220352T	20KOHM 5% 1/4W	1	PCS
R915	61G 17230352T	30K OHM5%1/4W	1	PCS
T901	6G 31502	1.5MM RIVET	4	PCS
	96G 29 6	SHRINK TUBE UL/CSA	20	MM
R903	61G152M10458F	100K OHM 5% 2W	1	PCS
	90G 415 1	HEATSHINK FOR Q901	1	PCS
	M1G1730 8128	SCREW M3x8	1	PCS
Q901	57G 724 4A	STP9NK60ZEP	1	PCS
	96G 29 6	SHRINK TUBE UL/CSA	1	PCS

R914	61G 2J22858H	0.22OHM 2W +-5%	1	PCS
NR901	61G 58050 WT	NTC 5 OHM 5A	1	PCS
	96G 29 8	TUBE	8	MM
C901	65G305M1022BP	Y2 1000PF M 250VAC Y5P	1	PCS
	95G 900 42	WIRE HARNESS	1	PCS
	96G 29 6	SHRINK TUBE UL/CSA	1	PCS
CN901	87G 501 19 RF	AC SOCKET	1	PCS
	90G6081500	HEAT SINK	1	PCS
	M1G1730 8128	SCREW M3x8	2	PCS
D910	93G 60237	SRF20100C	1	PCS
D911	93G 60237	SRF20100C	1	PCS
	96G 29 1	SHRINK TUBE UL/CSA	12	MM