Acer AT2635 LCD TV Service Guide

Service guide files and updates are available on the ACER/CSD web. For more information, please refer to http://csd.acer.com.tw

Revision History

Please refer to the table below for the updates of LCD TV AT2635 service guide.

Date	Chapter	Updates
2007/10/5	Chapter 1 ~ 3	1st edition
2007/10/8	Chapter 3	2nd edition

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Conventions

The following conventions are used in this manual.

SCREEN MESSAGES	Denotes actual messages that appear on screen.
NOTE	Gives bits and pieces of additional information related to the current topic.
WARNING	Alerts you to any damage that might result from doing or not doing specific actions.
CAUTION	Gives precautionary measures to avoid possible hardware or software problems.
IMPORTANT	Reminds you to do specific actions relevant to the accomplishment of procedures.

Preface

Before using this information and the product it supports, please read the following general information.

1. This Service Guide provides you with all technical information relating to the BASIC CONFIGURATION decided for Acer's "global" product offering. To better fit local market requirements and enhance product competitiveness, your regional office MAY have decided to extend the functionality of a machine (e.g. add-on card, modem, or extra memory capability). These LOCALIZED FEATURES will NOT be covered in this generic service guide. In such cases, please contact your regional offices or the responsible personnel/channel to provide you with further technical details.

2. Please note WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reason, if a part number change is made, it will not be noted in the printed Service Guide. For ACER-AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code to those given in the FRU list of this printed Service Guide. You MUST use the list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

System Specification

Specification

LCD Panel

Max. resolution: 1366 x 768

12 CCFTs Backlight system

Display area: 26 inches

Display color: 16.7 M colors

Input Signal: 1-ch LVDS

Contrast ratio: 800:1 (Typical)

Brightness: 500 Cd/m² (Typical)

Response Time: 6.5 ms (Typical)

Viewing angle: 88° (L) / 88° (R), 88° (U) / 88° (D)

I/O functions

21 pin Euro-SCART (RGB) for Video, S-Video, R.G.B. and Audio

21 pin Euro-SCART (RGB) for Video, S-Video, R G B and Audio

RCA jack (YUV and CVBS) for YPbPr, YCbCr, Video and Audio

15 pin D-Sub for VGA

19 pin D-Sub for HDMI

DIN45325 (IEC169-2) Terminal for TV / CATV input

3.5 mm   Earphone jack for Audio Line input (option)

Video Functions

Support PAL / NTSC / SECAM video format

Support 480i/576i, 480p/576p, 1080i and 720p format

Build in Teletext functions

Build in Dynamic adaptive smoothing filter

Build in Dynamic temporal frame-filtering Noise Reduction

Build in Dynamic motion and edge adaptive De-interlacing

Film mode 3:2 & 2:2 pull down

Screen display model Auto/4:3/16:9/Panorama/Letterbox1,2,3

Mechanical

VESA mounting holes

Compatibility

Multi-Sound system

NICAM

FM Stereo (A2)

Power Source

Input voltage: 90 ~ 264 V, 47 ~ 63 Hz

Input current: 220Vac/0.87A

Power consumption: 190 Watts

Stand-by: 1 Watts Max.

Remote controllers

Multi-function remote controller

Speaker

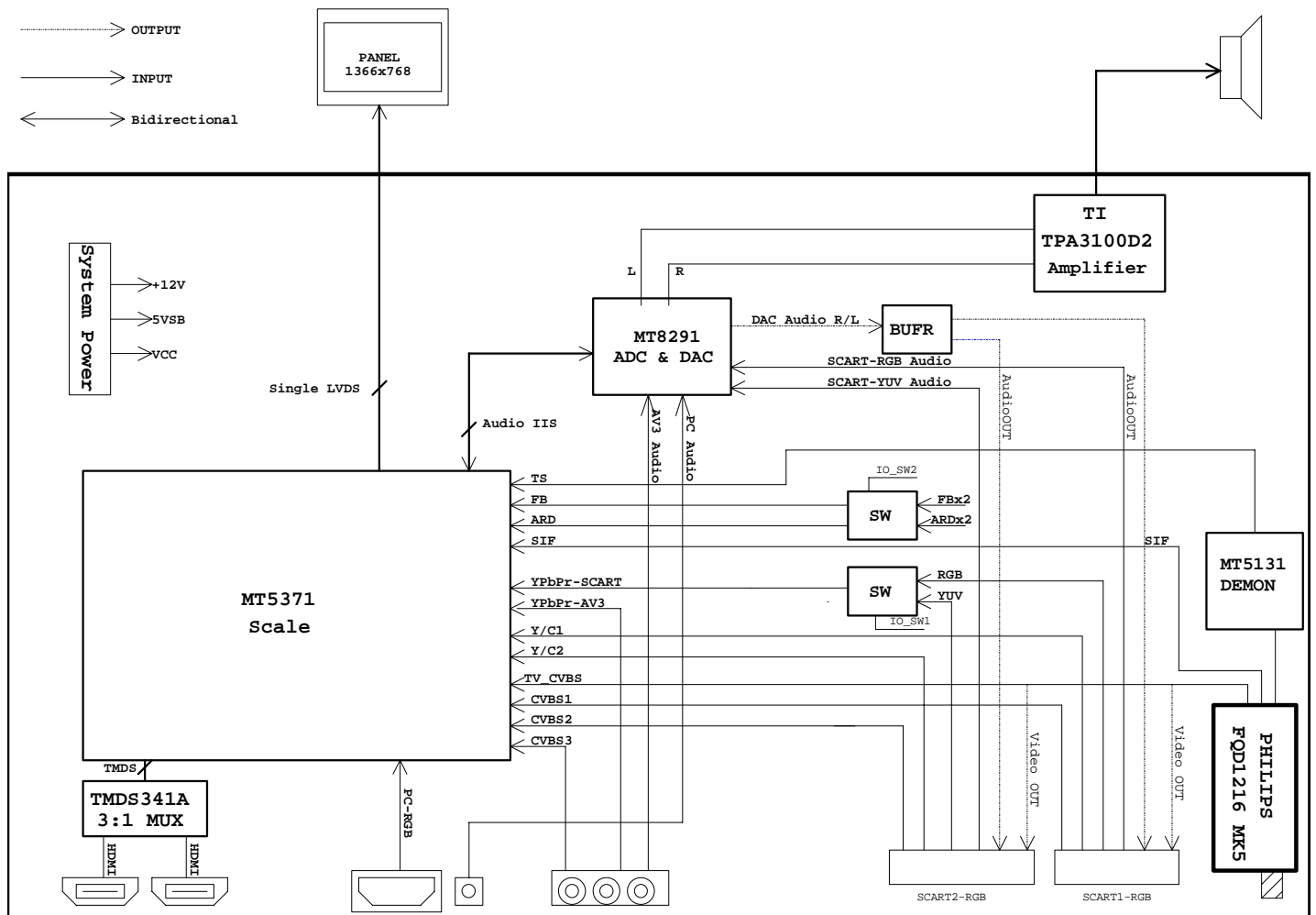Internal speaker: 5 W x 2 stereo, volume adjustable

Others

On screen display adjustment function

ISP (In System Programming) function available for revising driver easily

System Block & Wiring Diagram

OUTPUT
INPUT
Bidirectional

PANEL
1366x768

TI
TPA3100D2
Amplifier

System Power

+12V
5VSB
VCC

Single LVDS

Audio IIS

MT8291
ADC & DAC

L   R

DAC Audio R/L

BUFR

SCART-RGB Audio
SCART-YUV Audio

AudioOUT

AudioOUT

AV3 Audio
PC Audio

MT5371
Scale

TS
FB
ARD
SIF

YPbPr-SCART
YPbPr-AV3
Y/C1
Y/C2
TV_CVBS
CVBS1
CVBS2
CVBS3

IO_SW2
SW
FBx2
ARDx2

SW
RGB
YUV
IO_SW1

SIF

MT5131
DEMON

PHILIPS
FQD1216 MK5

TMDS

TMDS341A
3:1 MUX

PC-RGB

HDMI   HDMI

Video OUT

Video OUT

SCART2-RGB

SCART1-RGB

Remote Control

Key Functions

Remote Function description		
R/C for Europe	Key Functions	Remark (for cardreader)
Power	Power On/Off	
Display	Display Channel and Input Source	
Mute	Mute On/Off	
TV	TV Turner	
SCART	SCART1/SCART2	

AV	Composite/Component/HDMI1/HDMI2	
PC	VGA	
Sleep	Sleep Timeer Off 15/30/45/60/90/120	
Wide	Scaling Mode (4:3 /16:9 /Panorama /Letterbox)	
Menu	Open Menu or leave Menu	
Four way direction key		
up	Navigate up in the OSD or next (sub)page in teletext mode	
down	Navigate down in the OSD or pevious (sub) page in teletext mode	
left	Navigate left in the OSD	
right	Navigate right in the OSD	
OK	Selection Confirm	
Channel key		
1	Number key 1	
2	Number key 2	
3	Number key 3	
4	Number key 4	
5	Number key 5	
6	Number key 6	
7	Number key 7	
8	Number key 8	
9	Number key 9	
0	Number key 0	
Recall	Return to previous channel	
Enter	Enter to confirm channel selection by number key	
Channel UP	Channel up	
Channel Down	Channel down	
Volume key		
	NICAM	
	STEREO Broadcast : Stereo/Mono	
	BILIGUAL Broadcast : Sound 1 / Sound 2	
	MONAURAL Broadcast: Mono	
	FM-FM	
	STEREO Broadcast: Stereo/Mono	
MPX	BILINGUAL Broadcast : Sound 1 / Sound 2	
Volume up	Volume up	
Volume down	Volume down	
Teletext	Teletext on/off	
Index	Go to index page (usually page 100)	
Subpage	Enter/Leave subpage mode	
Reveal	Display Hidden Information	

Hold	Temporarily holds the current teletext page if TEXT on	
	Froze the picture if TEXT off	
Size	Zoom page toggle 1X/2X	
	Page select by Up-arrow and Down-arrow	
Teletext	Turn teletext mode on/off	
Subtitle	Show subtitle on the screen	
R	Colour button to operate the teletext	
G	Colour button to operate the teletext	
Y	Colour button to operate the teletext	
C	Colour button to operate the teletext	

Hardware Specification and Configuration

Electro/Optical

Model	AT2635
Panel specification	
Resolution(pixels)	1366x768
Brightness(min.)	500 cd/m²
Contrast ratio(min.)	800:1(Typ.)
Display color	16.7 M
Viewing angle	160(H)/160(V)
Response(typ.)	6.5ms
Power supply	
Input	90-264 V, 47-63 Hz
Max. power Consumption	190W
Power saving	1W
Mechanical	
Dimensions(WxHxD mm)	692.9*531.6*201
Weight(Kg)	4.5
Analog TV system	
TV Color system	DVB-T
TV Color system	PAL.SECAM
Sound system	B/G/D/K/I/L
Stereo system	NICAM/ A2
Subtitle	Teletext 1.5 (1000 pages)
Digital TV System	
Digital TV standard	DVB-T
Sound system	ISO11172-3 layer1 & layer2
	32KHz,44.1KHz,48KHz
Stereo system	MPEG (Layer I & II) Stereo 32 / 44.1 / 48KHz
Teletext	Yes
Subtitle	Yes
EPG	7days EPG
Frequency	7/8 MHz
Video format	16bit YUV
Resolution	SD(576i/480i)
Terminal	
RF	75Ω DIN45325 (IEC169-2) Type
SCART 1	Euro-SCART (RGB) for Video, S-Video, RGB and Audio
SCART 2	Euro-SCART (RGB) for Video, S-Video, RGB and Audio
Composite & Component	RCA for YPbPr or Video and Audio R/L
HDMI1/HDMI2	HDMI connect for hdmi time and DVI mode
PC Analog Port	D-Sub 15 pin VGA

Service Port	ISP through D-Sub
<mark>**Audio system**</mark>	
Speaker	5 W x 2

Firmware Specifications

Preset Mode for VGA Input

16 factory pre-set modes for VGA inputs are saved during the manufacturing process.

Please press "Volume-" + "Channel+" + "POWER" to enter the LCD TV factory mode.

Preset mode	Pixel Format	Hor. Freq. (kHz)	Hor. Polarity	Vert. Freq. (Hz)	Vertical Polarity	Standard
1	720*400	31.47	-	70	+	VGA
2	640*480	31.47	-	60	-	VGA
3	640*480	32.861	-	72	-	VESA
4	640*480	32.5	-	75	-	VESA
5	640*480	43.4	-	85	-	VESA
6	800*600	35.156	-	56	+	VESA
7	800*600	32.879	+	60	+	VESA
8	800*600	48.077	+	72	+	VESA
9	800*600	46.875	+	75	+	VESA
10	800*600	53.7	+	85	+	VESA
11	1024*768	48.363	-	60	-	VESA
12	1024*768	56.476	-	70	-	VESA
13	1024*768	60.023	+	75	+	VESA
14	1360*768	47.7	+	60	+	VESA

This LCD TV shall have 10 or more user modes for user to creat own timing.

This LCD TV would detect the used mode automatically.

Power Saving

While VGA is selected to be input, this LCD TV is equipped with a power-management according to VESA DPMS. There is a delay of 30 seconds before the transition from On-state to power saving state to avoid

unintentionally entering of a power saving state during display resolution and timing mode changes. During the period of delay, the LED shall indicate green color and OSD will show " NO VGA CONNECTION ". Transition from any power saving state to another can be instantaneous. The recovery from Off-state requires no manual power on.

Mode	Hsync	Vsync	Video	Power	Indication	Recovery time
Power-On	On	On	Active	< 191W	Green	--
Off-state	Off	Off	Off	< 1W	Red	<10s
Power off	×	×	×	< 1W	Red	Turn on <10s

Sync on means: normal operation

Sync off means: Hsync: f < 1 KHz, duty cycle > 25 %, Vsync: f < 10 Hz, duty cycle > 25 %

The power-consumption is valid over the specified voltage and frequency range.

Power comsuption is measured from AC source.

There are no power saving modes for TV, SCART1/2 or HDMI1/2 or Composite or Component inputs.

Performance Specifications

The performance shall be check at 25°C environment.

White Balance and Uniformity

Set contrast and brightness at 50.

Adjustment Brightness min. 400 nits in all color temperatur.

The R, G, B gain could not exceed 512. (R, G, B could not saturation)

	White Balance (255/255)	Dark Balance (60/255)
COLD	x 0.268 (+/-0.005); y 0.273(+/-0.005)	x 0.268 (+/-0.005); y 0.273(+/-0.005)
STANDARD	x 0.280(+/-0.005; y 0.288(+/-0.005)	x 0.280(+/-0.005; y 0.288(+/-0.005)
WARM	x 0.295(+/-0.005); y 0.304(+/-0.005)	x 0.295(+/-0.005); y 0.304(+/-0.005)

Inspection tolerance for FV2E as below: Brightness 400 nits

|	White Balance (255/255)	Dark Balance (60/255)
COLD	x 0.268 (+/-0.005); y 0.273(+/-0.005)	x 0.268 (+/-0.005); y 0.273(+/-0.005)
STANDARD	x 0.280(+/-0.005; y 0.288(+/-0.005)	x 0.280(+/-0.005; y 0.288(+/-0.005)
WARM	x 0.295(+/-0.005); y 0.304(+/-0.005)	x 0.295(+/-0.005); y 0.304(+/-0.005)

Display Area, Phase, Center and Tilt

Display Area: 32 inches diagonal

H-Phase:　　A-B　　Less than 1.5mm

V-Center:　　C-D　　Less than 1.5mm

Tilt:　　　　E-F　　　Less than 1.5mm, but non-active area must be larger than zero for four sides
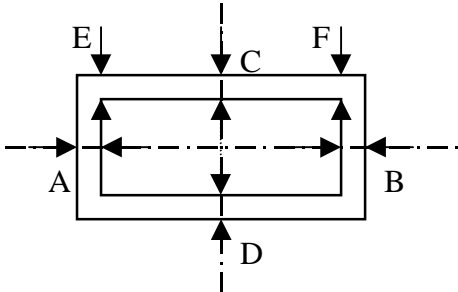
Max. Brightness

The brightness should exceed 350 Cd/m^2 while set both of contrast and brightness to max. and color temperature of Standard is selected. (Typical value would be500 Cd/m^2).

Power Supply Electrical Specifications

The power supply for this product is an internal converter, with a non-replaceable fuse internally.

This converter shall be well designed to meet CE mark requirement.

Input Voltage and Frequency Range

The operating range of line voltage shall be:

AC 90 volts to 264 volts, 47 Hz to 63 Hz

Power consumption shall be under 185 Watts

Variation of the line voltage throughout the applicable operating range shall not result in any visible image anomalies such as image movement, changes in light output, nor changes in image stability or quality.

Line Fuse

The AC input shall be fused and become electrically open as a result of an unsafe current condition. This fuse is inside the power supply converter and is not user replaceable, and must be returned for replacement.

This fuse shall be well selected to handle inrush current for all combinations of line voltage and frequency.

Hot plug and power on/off sequence

Once hot plug occurs, at the very first time, the initial current should be limited at 2.3 amps or lower when power off→ on. Current will stay below 50m amps at AC 120 volts while power on→off, then ramp up to full power (about 2.3 amps at AC 120 volts) within 5 seconds when power-up signal is triggered. For the shut down sequence, the current will stay at full power for about 150 m seconds or less, then ramp down to 50m amps at AC 120 volts within 1 second.

Power on LED Location and Type

Power on indicator shall be easily visible from the front of the display.

Inverter

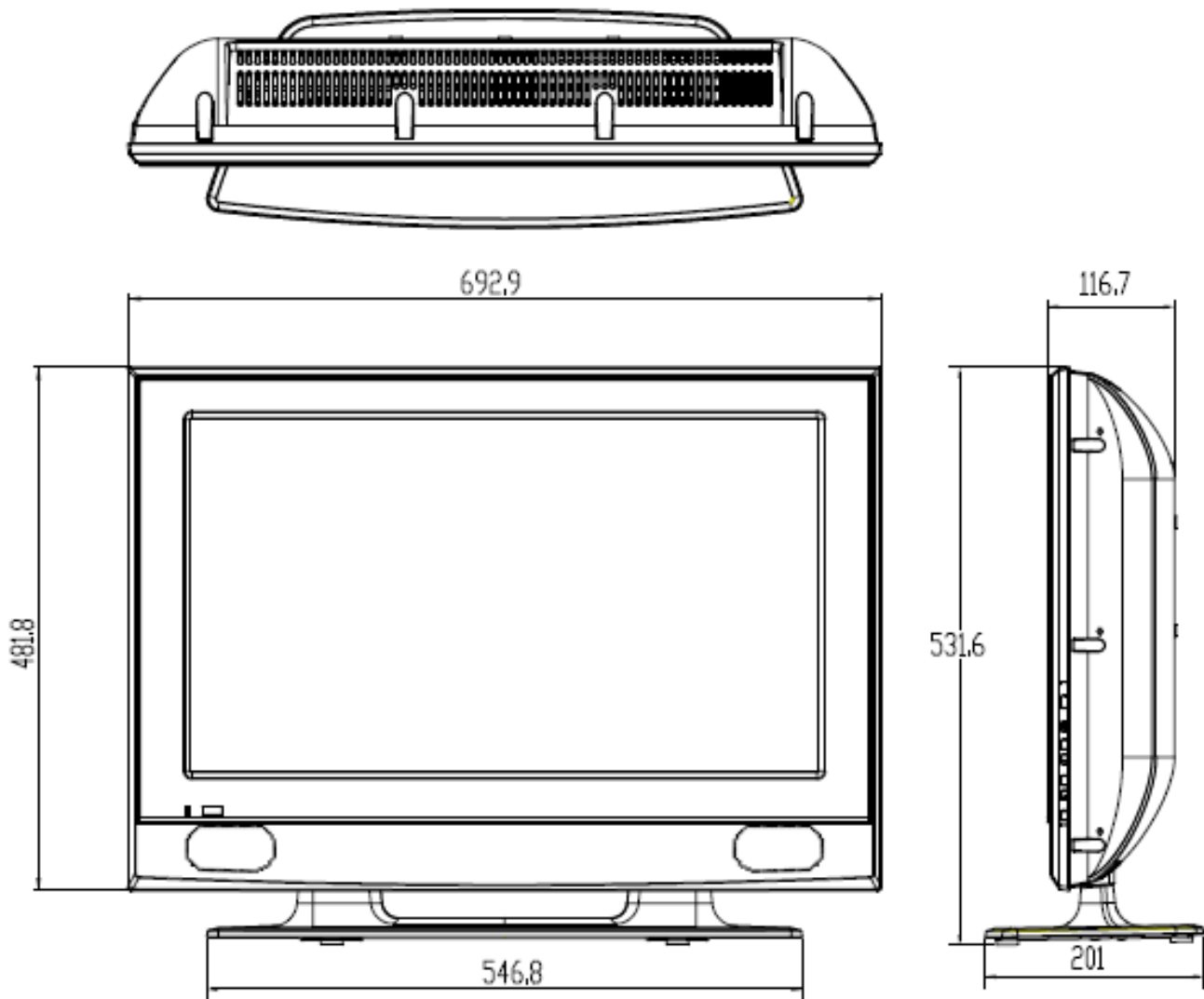The inverter which is used to light up back-light of LCD panel shall be well designed to meet requirement of panel's specification.

Overall Dimensions

Height: 531.6 mm

Width: 692.9 mm

Depth: 201 mm

Environmental Requirements

This display shall meet the following environmental requirements under normal operating conditions.

Operating

25° ± 5° for Purity, White Point, Mis-convergence, Luminance measurements and White uniformity measurement

Operating temperature: 0°C to 35°C

Operating humidity: 10 % to 90 % (non-condensing)

Storage and Shipping

Storage temperature: -20°C to 60°C

Shipping temperature: -20°C to 60°C

Storage humidity: 10 % to 90 % (non-condensing)

Shipping humidity: 10 % to 90 % (non-condensing)

Altitude

Units tested at an altitude up to 12,000 feet must operate at normal conditions without exhibiting abnormal behavior such as arcing or shutdown.

Operating altitude: 0 to 12,000 feet

Shipping altitude: 0 to 40,000 feet

Storage altitude: 0 to 40,000 feet

Vibration Test

The packaged display shall be capable of passing sinusoidal vibration test as specified in follows.

1. Test condition as below:

a. Package sinusoidal vibration 7Hz, 1.05G acceleration, 20min/axe, 3axes
b. Random vibration, 10-500 Hz, 1.47G RMS

2. The unit under test shall be run for a duration of 30 minute in each of following orientations :

a. Top and bottom side (z axis).

b. Left and right side (x axis).

c. Front and rear side (y axis).
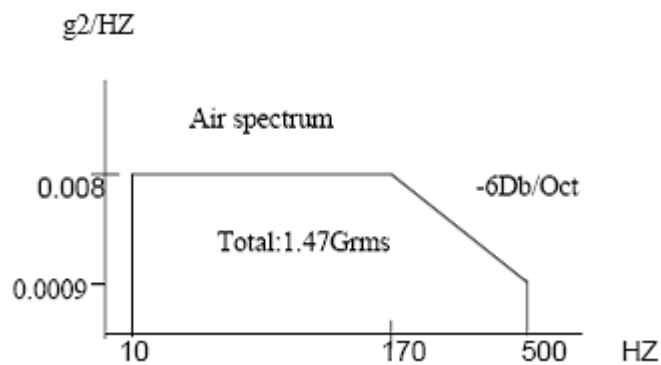
The unit shall suffer no visible cosmetic damage and should operate no degradation indisplay quality after test.

Additionally, prior to production and prior to implementation of any design or manufacturing change that

might affect vibration performance, a minimum of 2 units shall be demonstrated to meet the requirements of specification.

Drop Test

The packaged display shall be capable of passing drop test as specified in following specification without any measurable degradation in performance or detectable mechanical or cosmetic damage.

Dropping way:　　　1 corner, 3 edges, 6 flats

Dropping Height:　follow the below table

Weight(kg)	Corner, edge, F,R,Btm(cm)	L,R,Up side(cm)
0~9	51	51
9~18	39	39
18~27	36	36
27~45	31	31
45~100	25	25

Additionally, prior to production and prior to implementation of any design or manufacturing change that might affect vibration performance, a minimum of 2 units shall be demonstrated to meet the requirements of specification.

VESA DDC

The VGA/HDMI inputs shall be capable of continuously transmitting its Extended Display Identification (EDID) information using Display Data Channel. It shall automatically switch to DDC2 mode if a DDC2 capable host is detected in accordance with the VESA DDC standard.

In addition, the display can respond to a request for EDID, to be transmitted using DDC2, level B commands. If a DDC2 capable host is detected by the display, the display shall switch to DDC2 communication.

The EDID shall contain the manufacture name code QCI, product code, date of manufacture, and serial number.

For complete EDID data structure, please refer to VESA Extended Display Identification Data Standard.

Hardware implementation may be either integrate into micro-controller or be a separate electrical component. EDID memory must be protected against writing or other corruption through customer-accessible electrical connection and required communication channels. Password protection, use of an unpublished enable register, or use of direct electrical connection is acceptable levels of protection

provided that the power-on Default State is that disabling writing. The serial number fields in the EDID must contain a unique identifying numbers among units of the same model. EDID Table is defined as below:

For VGA input:

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	00	FF	FF	FF	FF	FF	FF	00	04	72	08	AC	00	00	00	00
10	2D	0F	01	03	68	3A	20	78	28	97	FD	A4	56	4B	98	24
20	10	47	4A	AD	CE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	66	21	50	B0	51	00	1B	30	40	70
40	36	00	3F	43	21	00	00	1E	00	00	00	FD	00	32	55	1E
50	50	0B	00	0A	20	20	20	20	20	20	00	00	00	FF	00	30
60	30	30	30	31	0A	20	20	20	20	20	20	20	00	00	00	FC
70	00	41	63	65	72	20	41	54	32	36	33	35	0A	20	00	E9
	02	03	19	71	46	84	13	05	14	12	03	23	09	07	07	83
	01	00	00	65	03	0C	00	10	00	01	1D	00	BC	52	D0	1E
	20	B8	28	55	40	C4	8E	21	00	00	1E	01	1D	80	18	71
	1C	16	20	58	2C	25	00	C4	8E	21	00	00	9E	01	1D	80
	D0	72	1C	16	20	10	2C	25	80	C4	8E	21	00	00	9E	8C
	0A	D0	90	20	40	31	20	0C	40	55	00	C4	8E	21	00	00
	18	8C	0A	D0	8A	20	E0	2D	10	10	3E	96	00	C4	8E	21
	00	00	18	00	00	00	00	00	00	00	00	00	00	00	00	1E

For HDMI input (Optional)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	00	FF	FF	FF	FF	FF	FF	00	04	72	08	AC	00	00	00	00
10	1E	10	01	03	80	3A	20	78	2A	97	FD	A4	56	4B	98	24
20	10	47	4A	AD	CE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	01	1D	00	72	51	D0	1E	20	6E	28
40	55	00	3F	43	21	00	00	1E	66	21	50	B0	51	00	1B	30
50	40	70	36	00	3F	43	21	00	00	1E	00	00	00	FD	00	32
60	55	1E	50	0B	00	0A	20	20	20	20	20	20	00	00	00	FC
70	00	41	63	65	72	20	41	54	32	36	33	35	0A	20	01	1B
	02	03	19	71	46	84	13	05	14	12	03	23	09	07	07	83
	01	00	00	65	03	0C	00	10	00	01	1D	00	BC	52	D0	1E
	20	B8	28	55	40	C4	8E	21	00	00	1E	01	1D	80	18	71
	1C	16	20	58	2C	25	00	C4	8E	21	00	00	9E	01	1D	80
	D0	72	1C	16	20	10	2C	25	80	C4	8E	21	00	00	9E	8C
	0A	D0	90	20	40	31	20	0C	40	55	00	C4	8E	21	00	00
	18	8C	0A	D0	8A	20	E0	2D	10	10	3E	96	00	C4	8E	21
	00	00	18	00	00	00	00	00	00	00	00	00	00	00	00	1E

Machine Disassembly and Replacement

General Information

This chapter contains step-by-step procedures on how to disassemble the AT2635 series for maintenance and troubleshooting. To disassemble the TV, you need the following tools:

Wrist grounding strap and conductive mat for preventing electrostatic discharge
Small Philips screwdriver
Philips screwdriver
Hexagonal screwdriver
Tweezers

Note:

The screws for the different components vary in size. During the disassembly process, please group the screws with the corresponding components to avoid mismatch when doing assembly. When you remove the boards, please be careful not to scrape them.

Warning!

The module is drived by high voltage. If you need to handle the module during operation or just after powered off, you must take proper precautions against electric shock and must not touch the drive circuit portion and metallic part of module within 10 minutes. The capacitors in the drive circuit portion remain temporarily charged even after the unit is powered off. If the residual voltage is strong enough, it could result in electric shock. Thus, we strongly suggest that you put on the wrist ground strap and put the component on the conductive mat or bag. Besides, please keep the unit grounded during the whole process of disassembly and assembly.

Before You Begin

Before you proceed with the disassembly procedure, make sure that you do the following steps:
1   Turn off the power to the TV and all peripherals.
2   Unplug the AC adaptor and all power and signal cables from the TV.

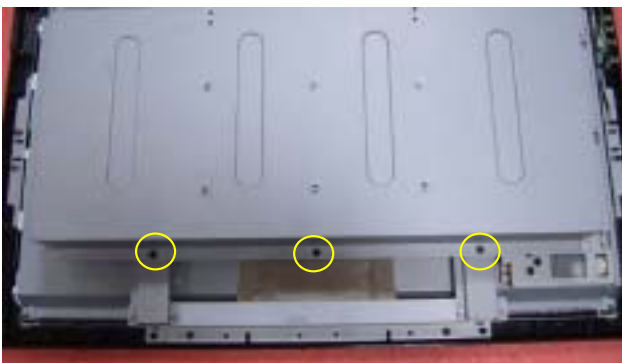1. Release 2pcs screws and take off base.

2. Release 8pcs screws from rear cover.
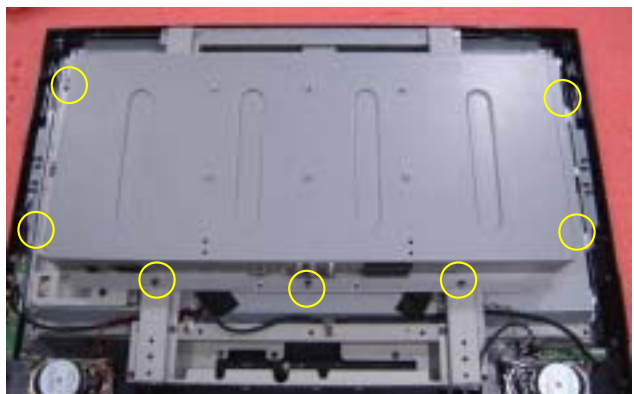

3. Release 7pcs screws from rear cover and take off it.
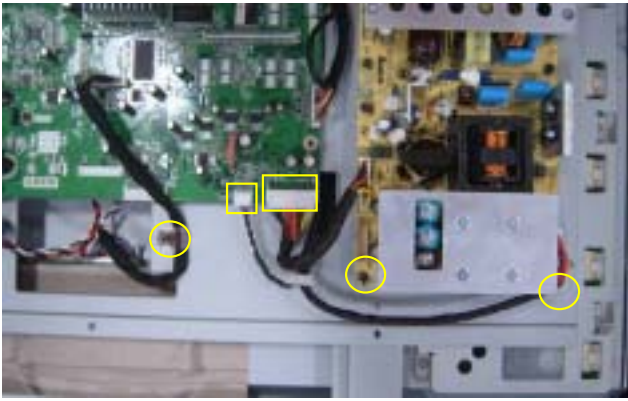

4. Release 8pcs screws from joint.

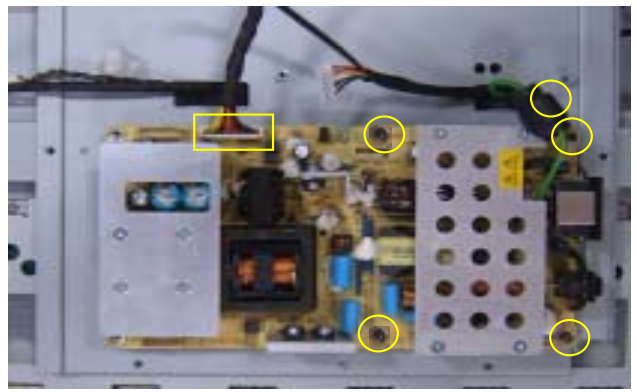5. Release 3pcs screws from shielding.
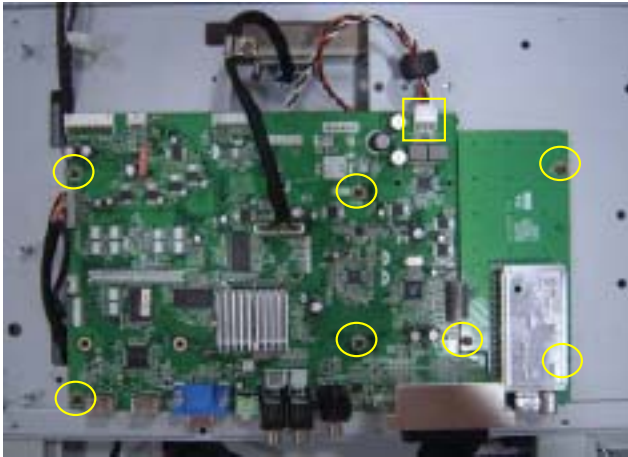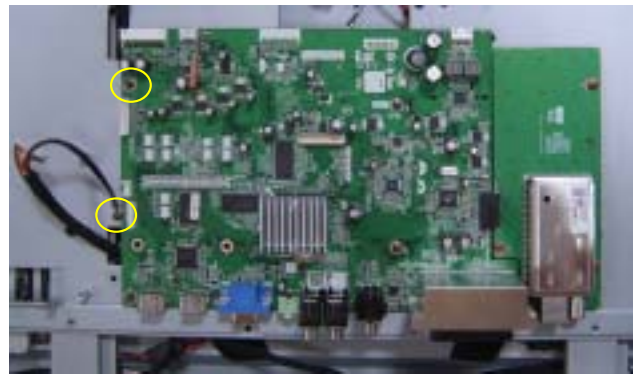

6. Release 7pcs screws from sheilding.

7. Release 3pcs screws from Power/B and LVDs cable and disconnect the cables.
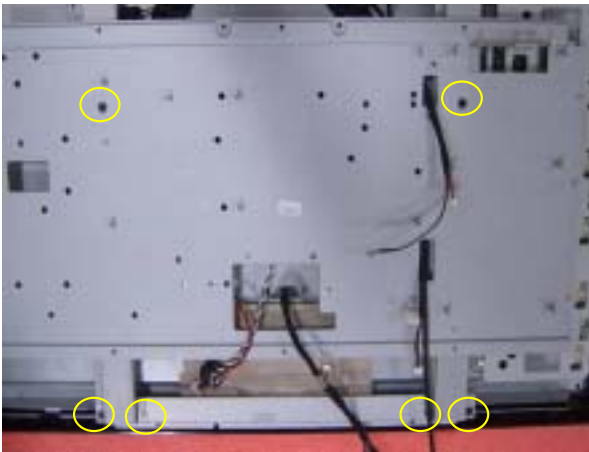

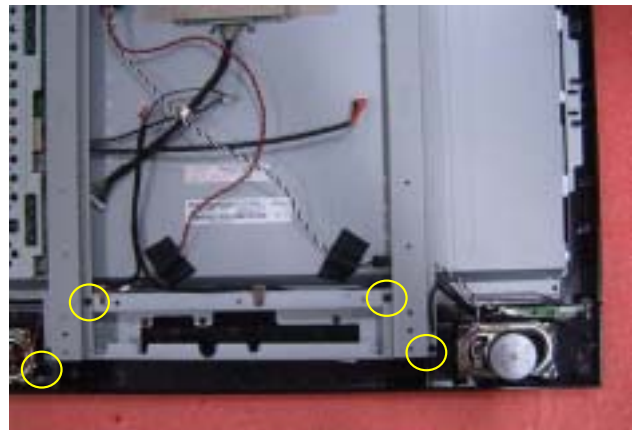8. Release 4pcs screws from Power/B and GND cable, then take off it.

9. Release 7pcs screws from Main/B.

10. Release 2pcs screws from GND cable and take off it.

11. Release 6pcs screws as above show.

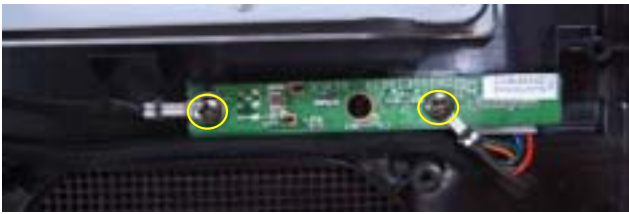12. Release 4pcs screws from brackets.

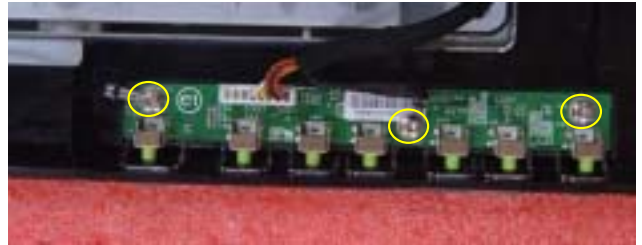13. Release 2pcs screws from bezel.

14. Release 8pcs screws from speakers and take off them.
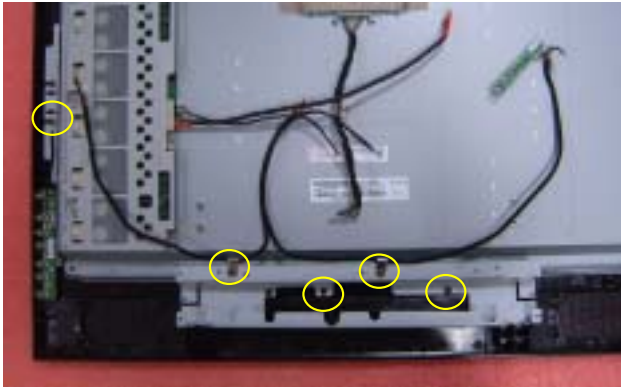
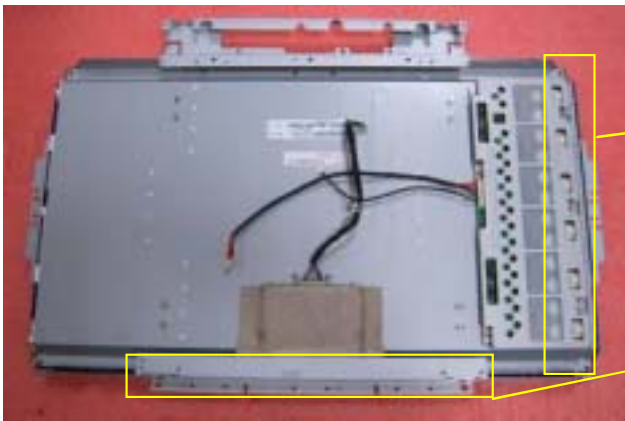15. Release 2pcs screws from IR/B.
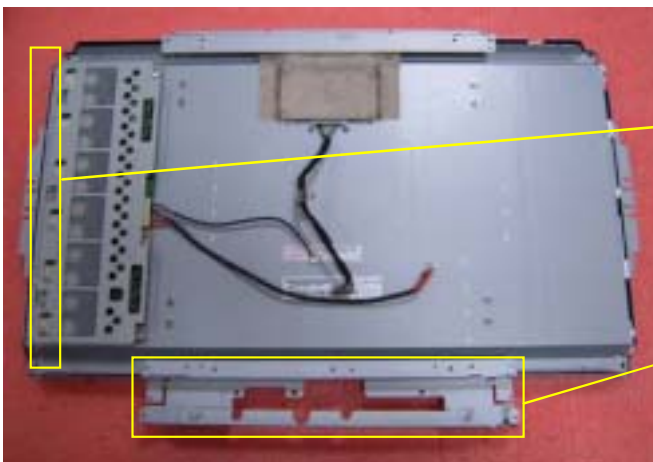
16. Release 3pcs screws from Button/B.

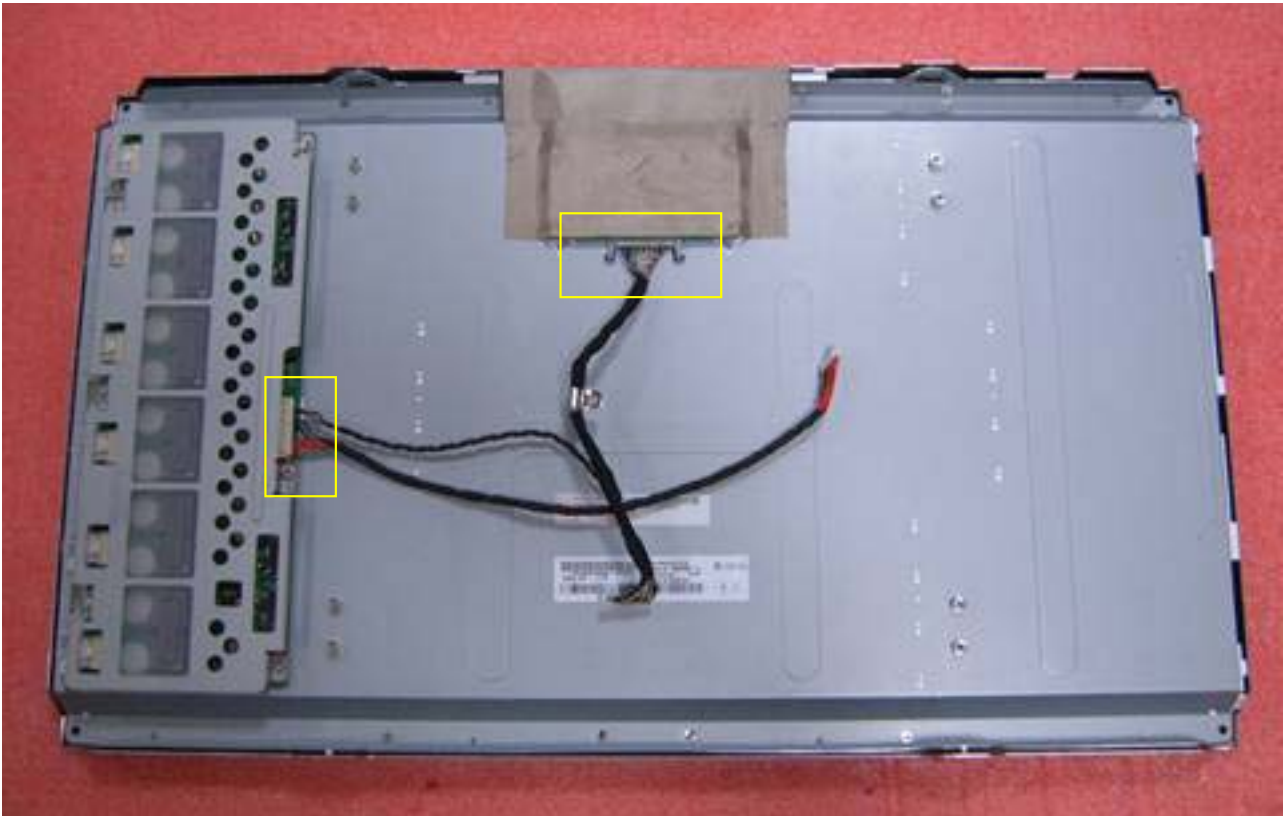17. Release 5pcs screws from GND cables.

18. Release 5pcs screws from panel and take off bezel.

19. Release 4pcs screws from right brackets and take off them.

20. Release 4pcs screws from left brackets and take off them.

21. Disconnect all cables.

FRU (Field Replaceable Unit) List

This section gives you the FRU (Field Replaceable Unit) list in global configurations of AT2635 series. Please refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization). Please note that WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number change is made, it will NOT be noted on the service guide. For Acer authorized service providers, your Acer office may have a different part number code from those given in the FRU list of this printed service guide. You MUST use the local FRU list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

Note: To scrap or to return the defective parts, you should follow the local government ordinance or regulations on how to dispose it properly, or follow the rules set by your regional Acer office on how to return it.

PARTS

PART NAME	DESCRIPTION	TVE PART NO.	ACER PART NO.
Accessory			
REMOTE	REMOTE CONTROL EURT54B009 GP	DQ754B00901	25.M6707.001
BATTERY	BATTERY LR03GW/2SK (ALKALINE 1.5V) GP	AHDALR03006	23.M480E.002
BOARD			
MAIN/B	FV2E M/B ASSY(EU)(FOR FV6E)AUO GP	21FV2EMB021	55.M6707.001
IO/B	FV2E IO/B ASSY GP	23FV2EIB009	55.M6707.002
IR/B	IV2E IR/B ASSY GP	23IV2EIB012	55.M6707.003
KEYPAD/B	IV2 KEYPAD/B ASSY GP	23IV2EKB001	55.M6707.004
POWER/B	PWR 161W,DPS-161AP-2 A(90~264VAC) GP	AF161B00000	55.M5307.001
Cable			
CABLE LVDS	CABLE LVDS(50P/30P,225MM) IV6E(AUO)V2 GP	DDIV6ELC024	50.M6707.002
CABLE INVERTER	CABLE INV(14P/4P/6P,320MM) AUO V2 GP	DDIV6EIV003	50.M6707.001
CABLE MB-PWR	CABLE MB-PWR(10P,110MM,R3A)VA1 GP	DD0VA1PB013	50.M01V7.004
CABLE KEY-IR	CABLE KEY-IR(10P/9P/8P,670MM)IV6E GP	DDIV6EMX003	50.M6707.003
CABLE ASSY	CABLE ASSY HV9 GND(1P/1P,2A) GP	DD0HV9TH108	50.M26V7.004
CABLE SPEAKER	CABLE SPEAKER(4P/3P+2P,R1A)HX6A GP	DDHX6ASP009	50.M5307.003
PWR CORD	PWR CORD B 1.8M SP-027/10A SWI GP	DM333181J29	27.M11V7.001
Case/Cover/Bracket/Assembly			
LCD BEZEL ASSY	FV6E FRONT BEZEL ASSY GP	32FV6EFB006	60.M6707.002
REAR COVER	JL9J REAR-COVER ASSY GP	37JL9RCSA01	60.M26V7.002
STAND ASSY	IV6E STAND ASSY GP	26IV6ESA000	60.M6707.001
STAND BASE	STAND BASE IV6E(EAIV6E02,REV3A)GP	EAIV6E02016	
PANEL BKT TOP	PANEL BKT TOP HX6(FAHX6003,REV3C) GP	FAHX6003013	33.M26V7.001
PANEL BKT DOWN	PANEL BKT DOWN HX6(FAHX6004,REV3D) GP	FAHX6004010	33.M5307.001
SUPPORT BKT	SUPPORT BKT HX6(FAHX6005,REV3A) GP	FAHX6005016	33.M26V7.003
PANEL BRACKET	PANEL BRACKET H26(FBH26001,REV3A) GP	FBH26001019	33.M11V7.006
LCD			
LCD	LCD(TFT)26" T260XW03 V2(XGA-WIDE)5V	AA260XW0103	LK.26005.002
LCD	LCD(TFT)26" T260XW03 V2 STN B/S	AA260XW0104	LK.26005.002
LABEL			
LABEL (POWER)	LABEL (POWER) HV9N(HCHV9002,3A) GP	HCHV9002014	40.M26V7.001
LABEL (BUTTONS)	LABEL(BUTTON)IV2E(HCIV2E03,REV3A)GP	HCIV2E03010	
LABEL DVB	LABEL DVB FV2E(HCFV2E02,R3A)GP	HCFV2E02018	
LABEL I/O TUNER	LABEL(I/O.TUNER) FV2E(HCFV2E01,R3B)GP	HCFV2E01011	40.M5607.002
RATING LABEL	RATING LABEL (MIC) IV2E(HCIV2E01,R3A)GP	HCIV2E02013	
BOX LABEL	BOX LABEL(130WX150L)VT1(HCVT1004,R3A) GP	HCVT1004017	
MISCELLANEOUS			
GASKET RIGHT	GASKET RIGHT AU CX(GBCX6003,REV3A) GP	GBCX6003015	47.M26V7.002

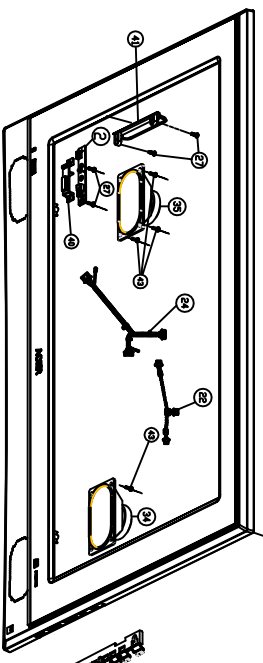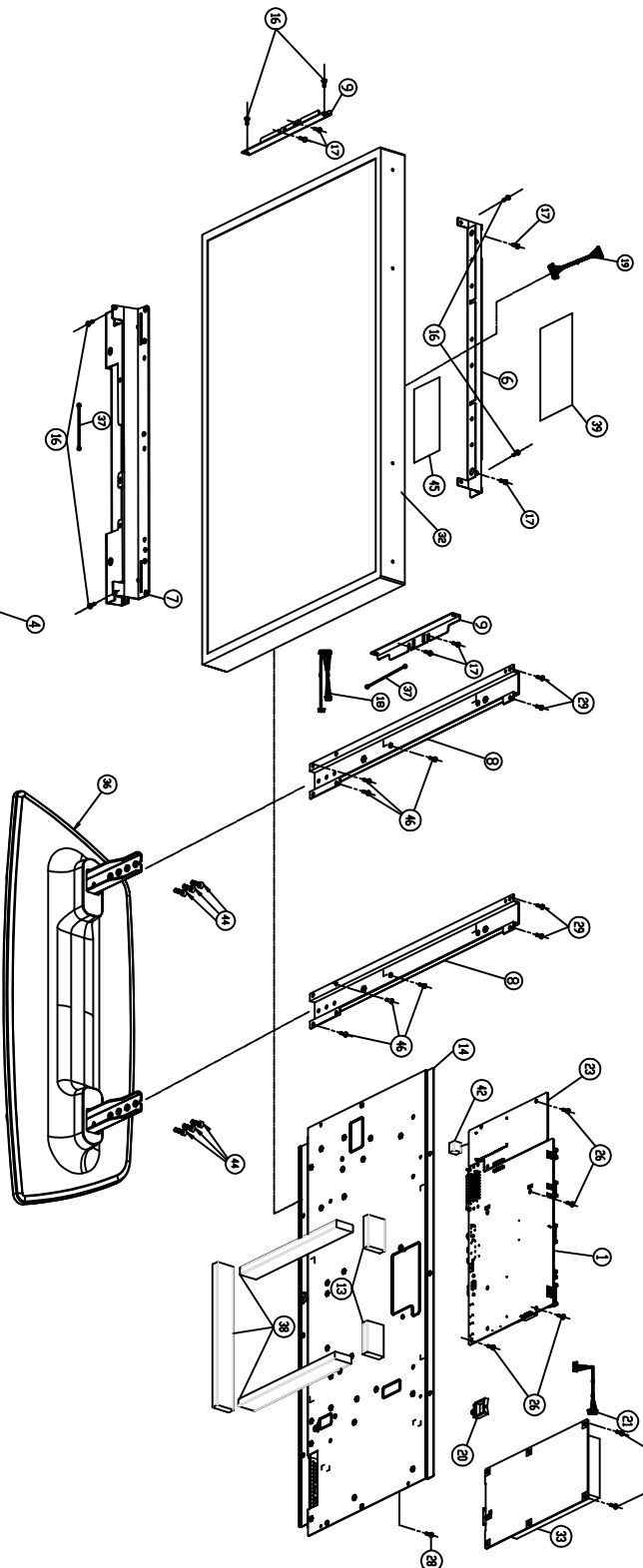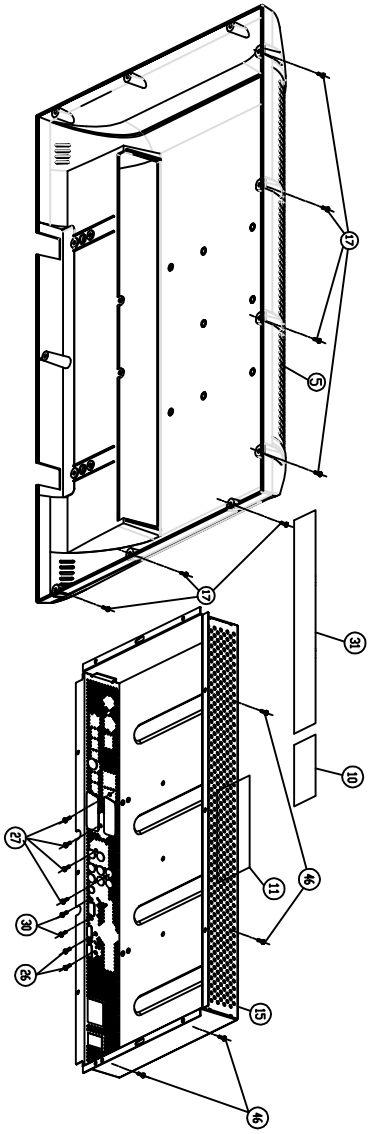| GASKET UP	GASKET UP R/L CMO HV9(GBHV9002,REV3A) GP	GBHV9002013	47.M26V7.003
GASKET TUNER	GASKET 15X15 TUNER IV6(GBIV6E01,R3A)GP	GBIV6E01011	
SCREW			
SCREW	SCREW M4.0*4-I(NYLOK) GP	MM40040ICI1	86.M11V7.001
SCREW	SCREW T3*8-B(BNI) GP	MT30080BJ20	86.M08V7.007
SCREW	SCREW F3.0*6-B(NI)GP	MF30060BBJ6	86.M25V7.002
SCREW	SCREW M3*6-B(BNI) GP	MM30060BJ25	86.M08V7.003
SCREW	SCREW M4*6 P (NI) GP	MM40060PCE2	86.M01V7.002
SCREW	SCREW T4*10-B(BNI) GP	MT40100BJ29	86.M26V7.001
SCREW	SCREW M4*8 B-(BNI) GP	MM40080BJ26	86.M26V7.002
SCREW	SCREW M4*6-I (BNI)(NYLOK))GP	MM40060IL69	
SCREW	SCREW T3*12-P(BNI)(WASHER)GP	MS30120PJ67	86.M6707.001
SCREW	SCREW F4.0*6-I(NI)GP	MF40060IBJ2	
SCREW	SCREW M4.0*12-R ALLEN HEADER BLACK GP	MS40120R002	
NUT IO	IO NUT VT1(MBVT1002,REV3A) GP	MBVT1002013	86.M01V7.010

Exploded parts list

ITEM	DESCRIPTION	TVE PART NO.	ACER PART NO.	QTY
1	FV2E M/B ASSY(EU)(FOR FV6E)AUO GP	21FV2EMB021	55.M6707.001	1
2	IV2E IR/B ASSY GP	23IV2EIB012	55.M6707.003	1
3	IV2 KEYPAD/B ASSY GP	23IV2EKB001	55.M6707.004	1
4	FV6E FRONT BEZEL ASSY GP	32FV6EFB006	60.M6707.002	1
5	JL9J REAR-COVER ASSY GP	37JL9RCSA01	60.M26V7.002	1
6	PANEL BKT TOP HX6(FAHX6003,REV3C) GP	FAHX6003013	33.M26V7.001	1
7	PANEL BKT DOWN HX6(FAHX6004,REV3D) GP	FAHX6004010	33.M5307.001	1
8	SUPPORT BKT HX6(FAHX6005,REV3A) GP	FAHX6005016	33.M26V7.003	2
9	PANEL BRACKET H26(FBH26001,REV3A) GP	FBH26001019	33.M11V7.006	2
10	LABEL (POWER) HV9N(HCHV9002,3A) GP	HCHV9002014	40.M26V7.001	1
11	CONDUCTIVE TAPE-DN HR7(JXHR7005,R3A)GP	JXHR7005012	47.M5307.001	1
12	FUNCTION KEY HV7E(EBHV7001,REV3A)GP	EBHV7001010		1
13	GASKET UP R/L CMO HV9(GBHV9002,REV3A) GP	GBHV9002013	47.M26V7.003	2
14	MAIN PCB TRAY IV6E(FAIV6E01,REV3A)GP	FAIV6E01010	33.M6707.001	1
15	MAIN PCB SHIELD EU IV6E(FAIV6E02,R3A)GP	FAIV6E02016	33.M6707.002	1
16	SCREW M4*8 B-(BNI) GP	MM40080BJ26	86.M26V7.002	8
17	SCREW T4*10-B(BNI) GP	MT40100BJ29	86.M26V7.001	19
18	CABLE INV(14P/4P/6P,320MM) AUO V2 GP	DDIV6EIV003	50.M6707.001	1
19	CABLE LVDS(50P/30P,225MM) IV6E(AUO)V2 GP	DDIV6ELC024	50.M6707.002	1
20	WIRE CLIP CH-10(EBVT2001,REV3A) GP	EBVT2001011	47.M12V7.004	1
21	CABLE MB-PWR(10P,110MM,R3A)VA1 GP	DD0VA1PB013	50.M01V7.004	1
22	CABLE SPEAKER(4P/3P+2P,R1A)HX6A GP	DDHX6ASP009	50.M5307.003	1
23	FV2E IO/B ASSY GP	23FV2EIB009	55.M6707.002	1
24	CABLE KEY-IR(10P/9P/8P,670MM)IV6E GP	DDIV6EMX003	50.M6707.003	1
25	SCREW F3.0*6-B(NI)GP	MF30060BBJ6	86.M25V7.002	3
26	SCREW M3*6-B(BNI) GP	MM30060BJ25	86.M08V7.003	19
27	SCREW T3*8-B(BNI) GP	MT30080BJ20	86.M08V7.007	8
28	SCREW M4*6 P (NI) GP	MM40060PCE2	86.M01V7.002	1
29	SCREW M4.0*4-I(NYLOK) GP	MM40040ICI1	86.M11V7.001	4
30	IO NUT VT1(MBVT1002,REV3A) GP	MBVT1002013	86.M01V7.010	2
31	LABEL(I/O.TUNER) FV2E(HCFV2E01,R3B)GP	HCFV2E01011	40.M5607.002	1
32	LCD(TFT)26" T260XW03 V2(XGA-WIDE)5V	AA260XW0103	LK.26005.002	1
33	PWR 161W,DPS-161AP-2 A(90~264VAC) GP	AF161B00000	55.M5307.001	1
34	SPK IV6E-R(4,5W,91*51.5*38.5)L15,P5	DNS4591P006	23.M6707.001	1
35	SPK IV6E-L(4,5W,91*51.5*38.5)L15,P2.5	DNS4591P014	23.M6707.002	1
36	IV6E STAND ASSY GP	26IV6ESA000	60.M6707.001	1

37	CABLE ASSY HV9 GND(1P/1P,2A) GP	DD0HV9TH108	50.M26V7.004	2
38	GASKET RIGHT AU CX(GBCX6003,REV3A) GP	GBCX6003015	47.M26V7.002	3
39	CONDUCTIVE TAPE IV6(JXIV6E01,R3A)GP	JXIV6E01011		1
40	LENS IV4E(EBIV4E01,REV3A) GP	EBIV4E01013	60.M6707.004	1
41	AV3 BEZEL DUMMY JL9(EBJL9002,REV3A) GP	EBJL9002011	47.M6707.009	1
42	GASKET 15X15 TUNER IV6(GBIV6E01,R3A)GP	GBIV6E01011		1
43	SCREW T3*12-P(BNI)(WASHER)GP	MS30120PJ67	86.M6707.001	8
44	SCREW M4.0*12-R ALLEN HEADER BLACK GP	MS40120R002		6
45	LVDS MYLAR IV6(FCIV6E01,R3A)GP	FCIV6E01011		1
46	SCREW M4*6-I (BNI)(NYLOK))GP	MM40060IL69		20

ITEM	Part No.	Description	Q'ty
1	23P/V2D0021	TV2E W/B ASSY(CDTV2R FV&D AUD GP	1
2	23LV2E0002	TV2E W/B ASSY GP	1
3	23LV2E0001	TV2E KEYPAD/J ASSY GP	1
4	38P/V6E7006	TV&E FRONT BEZEL ASSY GP	1
5	37LS6E3A01	J.LV REAR-COVER ASSY GP	1
6	FAH060A003	PANEL BKT TOP HA6GFAH060A3,REV-C3 GP	1
7	FAH060A010	PANEL BKT BLUM HA6GFAH060AA,REV-B0 GP	1
8	FAH050G016	SUPPORT HA6GFAH050G16,REV-A0 GP	2
9	FAH240A019	PANEL BRACKET HA6GFAH240A19,REV-A0 GP	2
10	HCHV360A014	LABEL GRADE TV2K/HV2K6P,REV-A0 GP	1
11	HCHV360A015	CONDUCTIVE TAPE-IN KEY,V2K6P/2K5,REV-A0 GP	1
12	G1HV2H00011	GASKET 1/P R/L EMI HV2K6P/HV2K5P GP	2
13	G1HV2H00012	FUNCTION KEY HV/TV2K6P/HV2K5P,REV-A0 GP	1
14	FAH060G016	MAIN PCB SHIELD EU TV&E FAH/V6E,REV-A0 GP	1
15	FAH060G016	MAIN PCB TRAY HV/TV6E GP	1
16	MT000060A	TV2E 1P/J ASSY GP	2
17	D10HV6LV003	SCREW T4HD-DGND0P	8
18	D10HV6LV002	WIRE CLIP CH-10KEYV120DURE,REV-A0 GP	1
19	ELHV2R0001	CABLE INV2/6P/4P/6P 22MMAVLD1 V2 GP	1
20	D10HA3P0010	CABLE HB-PUR GDP 110MA230V GP	1
21	D10HV6LV001	CABLE LV135GP0P/3P-30P RCAVARGA GP	1
22	23P/V2E0003	CABLE KEY-IN16P/4P/4P,REV-A0 GP	1
23	HF000030A	TV2E 1P/J ASSY GP	1
24	HC0006A04	SCREW F3HC-JKD	4
25	HC0006A04	SCREW F3HC-JKND0P	8
26	HT000060LS	SCREW T3HD-DGND0P	19
27	HT000060L20	SCREW T3HD-DGND0P	8
28	HA060A0V003	LOCK TV2K6P-16A8P-A1 GP	1
29	HEV/1H6E0013	ABEL/AUTHERM KEY,V2K6P/6P,REV-A0 GP	2
30	HCP V2E00011	CONDUCTIVE TAPE INV2E,AUTHERM,REV-A0 GP	1
31	HF6E000J00	PLR 16/UP3-16A4P-A3 A3V6P-V6E,V1D.75V	3
32	DK6E4SP0016	SPK TV6E-CLA5V,5W6LSW6B,5OLP/E5	1
33	DK6E4SP0014	SPK TV6E-RRLA5V,5W6LSW6B5OL/F/E5	1
34	DK6E4SP0004	PLR 16/UP3-16A4P-A3 A3V6P-V1D.75V	1
35	CRHV6E3A000	TV6E STAND ASSY GP	1
36	CRHV6E3A000	TV6E STAND ASSY GP	1
37	D10HA3-P7H008	CABLE ASSY HV9 GND0P/1P 2AV GP	2
38	LDRC060A015	GASKET RIGHT AU CVGRC060A15,REV-2A0	2
39	LXTV6E0013	GASKET T-SIDE TUNER TV6GDHV6E0LRXGP	8
40	LEB/V6E0013	AV3 BEZEL DUMMY SHIEL AU R060CJEV1KAXGP	3
41	LEB/V6E0011	LOCK TV6GDHV6E0LRX,A0 GP	8
42	LEB/V6E0013	AV3 BEZEL DUMMY SHIEL R060CJEV1KAXGP	1
43	MSH0E020P-A67	SCREW T3HD-DGND/WASHER3KGP	4
44	MSH060P-A67	SCREW MA3HG-R ALLEN HEADER BLACK GP	6
45	FC3LV6E0011	LVDS MYLAR TV6GFC3LV6E0LR2A0 GP	1
46	HMH006DTL69	SCREW MA3HG-DGND/ONTLRXGP	20